

DOCKET NO. _____

APPLICATION OF SOUTHWESTERN § PUBLIC UTILITY COMMISSION
PUBLIC SERVICE COMPANY FOR §
AUTHORITY TO CHANGE RATES § OF TEXAS

DIRECT TESTIMONY
of
DANE A. WATSON

on behalf of

SOUTHWESTERN PUBLIC SERVICE COMPANY

(Filename: WatsonRRDirect.doc)

Table of Contents

GLOSSARY OF ACRONYMS AND DEFINED TERMS.....	2
LIST OF ATTACHMENTS	3
DIRECT TESTIMONY	4
I. WITNESS IDENTIFICATION AND QUALIFICATIONS	4
II. ASSIGNMENT AND SUMMARY OF TESTIMONY AND RECOMMENDATIONS.....	7
III. DEPRECIATION ANALYSIS PHILOSOPHY.....	11
IV. SPS TECHNICAL UPDATE	14
AFFIDAVIT	17

GLOSSARY OF ACRONYMS AND DEFINED TERMS

<u>Acronym/Defined Term</u>	<u>Meaning</u>
2018 Depreciation Study	Depreciation Study presented as Attachment DAW-RR-2 to the Direct Testimony of Dane A. Watson, Docket No. 49831 (see Attachment DAW-RR-2)
ALG	Average Life Group
Base Period	October 1, 2019 through September 30, 2020
Commission	Public Utility Commission of Texas
EEI	Edison Electric Institute
Harrington	Harrington Generating Station
IEEE	Institute of Electric and Electronic Engineers
Plant X3	Unit 3 at Plant X
SDP	Society of Depreciation Professionals
SPS	Southwestern Public Service Company, a New Mexico corporation
Technical Update	SPS–Texas Technical Update Depreciation Accrual Rate Study at June 30, 2020, completed for SPS assets
Test Year	Historical Test Year Period consisting of the Base Period and further incorporating all proper adjustments and capital additions
Tolk	Tolk Generating Station
TXU	Texas Utilities Company

LIST OF ATTACHMENTS

<u>Attachment</u>	<u>Description</u>
DAW-RR-1	List of prior testimonies (<i>Filename: DAW-RR-1.xls</i>)
DAW-RR-2	2018 Depreciation Study (<i>Non-native format</i>)
DAW-RR-3	Current and Proposed Life and Net Salvage Parameters Technical Update (<i>Filename: DAW-RR-3.xls</i>)
DAW-RR-4	Proposed Updated Generation Unit Retirement Dates (<i>Filename: DAW-RR-4.xls</i>)
DAW-RR-5	Technical Update (<i>Filename: DAW-RR-5.xls</i>)
DAW-RR-6	Comparison of proposed depreciation rates with current depreciation rates (<i>Non-native format</i>)
DAW-RR-7(CD)	Detailed workpapers for Technical Update (Various native and pdf files provided on CD)

**DIRECT TESTIMONY
OF
DANE A. WATSON**

1 **I. WITNESS IDENTIFICATION AND QUALIFICATIONS**

2 **Q. Please state your name and business address.**

3 A. My name is Dane A. Watson. My business address is 101 E. Park Blvd. Suite 220,
4 Plano, Texas 75074.

5 **Q. On whose behalf are you testifying in this proceeding?**

6 A. I am filing testimony on behalf of Southwestern Public Service Company, a New
7 Mexico corporation (“SPS”) and wholly-owned electric utility subsidiary of Xcel
8 Energy Inc.

9 **Q. By whom are you employed and in what position?**

10 A. I am a Partner of Alliance Consulting Group. Alliance Consulting Group provides
11 consulting and expert services to the utility industry.

12 **Q. Please describe your experience and industry positions.**

13 A. Since graduation from college in 1985, I have worked in the area of depreciation
14 and valuation. I founded Alliance Consulting Group in 2004 and am responsible
15 for conducting depreciation, valuation, and certain accounting-related studies for
16 clients in various industries. My duties related to depreciation studies include the
17 assembly and analysis of historical and simulated data, conducting field reviews,
18 determining service life and net salvage estimates, calculating annual depreciation,
19 presenting recommended depreciation rates to utility management for its
20 consideration, and supporting such rates before regulatory bodies.

21 My prior employment from 1985 to 2004 was with Texas Utilities Electric
22 Company and successor companies (“TXU”). During my tenure with TXU, I was

1 responsible for, among other things, conducting valuation and depreciation studies
2 for the domestic TXU companies. During that time, I served as Manager of
3 Property Accounting Services and Records Management in addition to my
4 depreciation responsibilities.

5 I have twice been Chair of the Edison Electric Institute (“EEI”) Property
6 Accounting and Valuation Committee and have been Chairman of EEI’s
7 Depreciation and Economic Issues Subcommittee. I am a Registered Professional
8 Engineer in the State of Texas and a Certified Depreciation Professional. I am a
9 Senior Member of the Institute of Electrical and Electronics Engineers (“IEEE”)
10 and served for several years as an officer of the Executive Board of the Dallas
11 Section of IEEE as well as national and worldwide offices. I have served as
12 President of the Society of Depreciation Professionals (“SDP”) twice.

13 **Q. Do you hold any special certification as a depreciation expert?**

14 A. Yes. The SDP has established national standards for depreciation professionals.
15 The SDP administers an examination and has certain required qualifications to
16 become certified in this field. I met all requirements and hold a Certified
17 Depreciation Professional certification.

18 **Q. Have you previously testified before regulatory authorities?**

19 A. Yes. I have testified in more than 260 different proceedings before 35 different
20 regulatory bodies including before the Texas Public Utility Commission
21 (“Commission”). I testified before this Commission in more than 40 cases listed
22 below: Docket Nos. 11735, 12160, 15195, 16650,18490, 20285, 22350, 23640,
23 24060, 32766, 34040, 35717, 35763, 36633, 38147, 38339, 38480, 38929, 39896,
24 40020, 40604, 40606, 40824, 41474, 42004, 42469, 43695, 43950, 44704, 44746,

1 45414, 46957, 47527, 48231, 48371, 48401, 49421, 49831, 50288, 50557, 50944,
2 and 51536. A list of proceedings in which I have provided testimony is provided
3 in Attachment DAW-RR-1.

1 **II. ASSIGNMENT AND SUMMARY OF TESTIMONY AND**
2 **RECOMMENDATIONS**

3 **Q. What is your assignment in this proceeding?**

4 A. The purpose of my testimony is to:

- 5 • discuss the SPS–Texas Technical Update Depreciation Accrual Rate
6 Study at June 30, 2020, completed for SPS assets (“Technical Update”);
7 and
8 • support and justify the recommended depreciation rate changes for SPS
9 assets for the Test Year,¹ based on the results of the Technical Update.

10 **Q. Please describe your process regarding depreciation rate changes for SPS**
11 **assets based on the results of the Technical Update.**

12 A. The Technical Update performed under my supervision fully supports SPS’s
13 proposed depreciation rates applied to June 30, 2020 depreciable plant balances for
14 Steam Production plant, Other Production plant, Transmission plant, Distribution
15 plant (Texas only), and General Property plant. The calculation methodology in
16 the Technical Update follows the Commission’s long-standing precedent for
17 Average Life Group (“ALG”) straight-line depreciation. In this way, all customers
18 are charged for their appropriate share of the capital expended for their benefit.
19 Using the straight-line approach and the parameters recommended in my study, the
20 Commission should adopt the depreciation rates proposed in this Technical Update.
21 SPS’s depreciation rates should be set at the levels supported in the Technical
22 Update in order to enable SPS to recover its total investment in property over the
23 estimated remaining life of the assets.

¹ The Test Year is the Historical Test Year Period consisting of the Base Period (October 1, 2019 through September 30, 2020) and further incorporating all proper adjustments and capital additions.

1 **Q. Please summarize your conclusions regarding depreciation rate changes for**
2 **SPS assets based on the results of the Technical Update.**

3 A. The Technical Update retains the lives proposed and supported by my depreciation
4 study in Docket No. 49831, (the “2018 Depreciation Study”), with the exception of
5 the adjustment to the terminal retirement dates for certain production facilities. For
6 production and other production net salvage parameters, the Technical Update uses
7 the same net salvage parameters settled on in Docket No. 49831. The net salvage
8 proposals for transmission, distribution, and general plant used in the Technical
9 Update retain the net salvage values proposed and supported by my depreciation
10 study in Docket No. 49831. Specifically, this Update takes into account projected
11 changes in retirement dates of the Tolk generation assets and Plant X3, as well as
12 the conversion of Harrington from coal to gas. There has also been additional
13 investment in all asset accounts and additions to their respective depreciation
14 reserves since the last Depreciation Study ending December 31, 2018. The updated
15 plant balances and depreciation reserves are included as part of this Technical
16 Update. Using this updated information, new average remaining life depreciation
17 rates for Steam Production plant, Other Production plant, Transmission plant,
18 Distribution plant, and General plant were calculated.

19 **Q. Why are you performing a Technical Update as compared to a full**
20 **Depreciation Study?**

21 A. I recently performed a full 2018 Depreciation Study for SPS in Docket No. 49831,
22 which is attached as Attachment DAW-RR-2. SPS then adjusted its depreciation

1 rates according to the stipulation in Docket No. 49831, and the rates were approved
2 in August 2020. Since that point, SPS has made changes to certain planned
3 generation unit retirement dates. Given the short period of time since the 2018
4 Depreciation Study, the remaining factors are still current. Based on my
5 experience, lives would not shift with the addition of one year of data absent a
6 material event. Additionally, the stipulated deprecation rates were part of a
7 comprehensive settlement and were not based on actual lives and net salvage
8 parameters from a fully adjudicated case.

9 A Technical Update, which applies the factors from the 2018 Depreciation
10 Study (with the exceptions discussed above) to current balances, will provide
11 current, accurate depreciation rates. Other than the net salvage rates for production
12 and other production plant (which were settled in the last case) and the before-
13 mentioned terminal retirement dates, all factors in determining depreciation rates
14 (such as life parameters and transmission, distribution, and general net salvage
15 parameters) as recently proposed in the 2018 Depreciation Study were retained.

16 **Q. How was the Technical Update used to determine SPS's depreciation expense**
17 **for the Test Year?**

18 A. SPS used the depreciation rates determined in the Technical Update to calculate the
19 appropriate depreciation expense for the Test Year. The information presented in
20 the Technical Update is based on June 30, 2020 depreciable plant balances and all
21 the conclusions are based on those balances. SPS witness Mark P. Moeller will
22 discuss the impact of the new depreciation rates on SPS's Test Year depreciation
23 expense.

1 **Q. Were Attachments DAW-RR-1 through DAW-RR-7(CD) prepared by you or**
2 **under your direct supervision and control?**

3 **A. Yes.**

1 **III. DEPRECIATION ANALYSIS PHILOSOPHY**

2 **Q. What definition of depreciation did you use in preparing your Technical**
3 **Update and testimony?**

4 A. The term “depreciation,” as I use it, is a system of accounting that distributes the
5 cost of assets, less net salvage (if any), over the estimated useful life of the assets
6 in a systematic and rational manner. It is a process of allocation, not valuation.
7 Depreciation expense is systematically allocated to accounting periods over the life
8 of the assets. The amount allocated to any one accounting period does not
9 necessarily represent the loss or decrease in value that will occur during that period.
10 Thus, depreciation is considered an expense or cost, rather than a loss or decrease
11 in value. SPS accrues depreciation based on the original cost of all property
12 included in each depreciable plant account. On retirement, the full cost of
13 depreciable property, less any net salvage amount, is charged to the depreciation
14 reserve.

15 **Q. Please describe the depreciation analysis philosophy reflected in the current**
16 **Technical Update.**

17 A. The objective of any sound depreciation philosophy should be the matching of
18 expense with revenue over the life of the asset. In general, the life of the asset is
19 determined by several factors including the rate of physical deterioration,
20 obsolescence, weather, maintenance, or in some cases, the economic usefulness of
21 an entire operating unit. The function of depreciation is to spread the cost of an
22 asset over its useful life. Book depreciation techniques should not accelerate or
23 defer the recovery of an asset in comparison to its appropriate useful life.

1 **Q. What objective do you recommend a regulatory authority seek to achieve in**
2 **setting depreciation rates?**

3 A. The objective of computing depreciation is to ensure that all customers using the
4 assets pay their pro rata share for the investment, including the cost of retirement.
5 This objective is achieved by allocating the cost or depreciable base of a group of
6 assets over the service life of those assets, on a straight-line basis, by charging a
7 portion of the consumption of the assets to each accounting period.

8 **Q. Is this objective consistent with this Commission's rules and historical**
9 **practice?**

10 A. Yes. As evidenced by 16 TAC § 25.231(b)(1)(B) and the Commission's prior rate
11 decisions, the Commission has a long-standing practice of establishing depreciation
12 rates using the straight-line depreciation method based on the actual historical data
13 of the utility. The straight-line method of depreciation operates by collecting a pro
14 rata share of the cost of the investment, including removal cost, from all customers
15 that use the asset over its useful life.

16 **Q. What is the best evidence the Commission can rely on to ensure that the cost**
17 **of certain assets are ratably recovered over the service life of the asset?**

18 A. The best evidence is the actual experience of the specific group of assets being
19 analyzed. This evidence is found in the 2018 Depreciation Study and in the
20 Technical Update based on plant investment in service at June 30, 2020.

21 **Q. What happens when depreciation rates are not adjusted to reflect the actual**
22 **life and retirement characteristics of the assets?**

23 A. When depreciation rates are set at a level that does not reflect the most current
24 actual life and retirement characteristics of a utility's assets, the cost of the asset

1 will not be recovered on a pro rata basis from the customers that benefit from the
2 use of the asset. For example, if the life for certain assets change such that there is
3 insufficient depreciation expense under current rates to fully recover the cost of the
4 assets over their remaining lives, SPS will not fully accrue the cost of the assets by
5 the end of the lives of the assets. This, in turn, means that future customers would
6 pay a disproportionate share of the costs to make up for the payment deferrals.

7 **Q. Is the situation you just described at issue in this case?**

8 A. Yes. The generating unit retirement dates for the Tolk station and Plant X3 have
9 changed, and SPS is converting the technology for the Harrington station (resulting
10 in a shortening of the life for some assets). Given the short remaining life for some
11 of the generating assets, it is necessary to re-evaluate those depreciation rates to
12 incorporate changing circumstances.

1 **IV. SPS TECHNICAL UPDATE**

2 **Q. Please describe the Technical Update you conducted for SPS.**

3 A. Due to the change in estimated retirement dates for certain generating units (Tolk,
4 Plant X3, and Harrington coal assets) and using the settled net salvage rates for
5 production and other production plant, I recalculated depreciation rates at June 30,
6 2020 using the other life and net salvage parameters supported by my 2018
7 Depreciation Study, along with current investment and depreciation reserve values.
8 This recalculation used the same methodology as used in my full 2018 Depreciation
9 Study. Current lives and net salvage factors from the 2019 Stipulation as well as
10 those used in the Technical Update are found in Attachment DAW-RR-3. Terminal
11 retirement dates for production facilities are found in Attachment DAW-RR-4.
12 SPS Witness Mark Lytal will discuss the need for the change in terminal retirement
13 dates for those three generating plants. The Technical Update provides updated
14 depreciation rates for SPS's Steam Production plant, Other Production plant,
15 Transmission plant, Distribution plant, and General Property plant. The updated
16 calculations and recommended depreciation rates are provided as Attachment
17 DAW-RR-5. A comparison of current and proposed depreciation rates is shown in
18 Attachment DAW-RR-6. Workpapers supporting the calculations are included in
19 Attachment DAW-RR-7(CD).

20 **Q. What has changed since you prepared the 2018 Depreciation Study?**

21 A. SPS has modified the retirement dates of Tolk to 2032 and Plant X3 to 2022. SPS
22 is also required, pursuant to an Agreed Order with the Texas Commission on
23 Environmental Quality, to cease coal operations at Harrington (driving the earlier
24 retirement of some Harrington assets). These events are not modeled in the current
25 depreciation rates. Changes in the Company's plans need to be captured to

1 appropriately model capital recovery for those assets. In addition, plant and
2 depreciation reserve added since the last depreciation study were factored into this
3 Technical Update. The updated terminal retirement dates are shown in Attachment
4 DAW-RR-4.

5 **Q. What depreciation rates are you recommending in this proceeding?**

6 A. My recommended depreciation rates for SPS are provided in Attachment
7 DAW-RR-6 to this testimony. Detailed computations are shown in Attachment
8 DAW-RR-5.

9 **Q. Is it reasonable and necessary to reflect the most current projected service
10 lives for production plant assets in your study?**

11 A. Yes.

12 **Q. Why did the depreciation rates for assets other than Tolk, Plant X3 and
13 Harrington change in this Technical Update?**

14 A. Although the lives and net salvage parameters are the same as in the 2018
15 Depreciation Study, depreciation rates for assets other than production changed
16 from the 2018 Study for two reasons. First, the investment and depreciation
17 reserves were updated to reflect balances at June 30, 2020 in the depreciation rate
18 calculations. Second, the Technical Update reallocated the depreciation reserve
19 within each function.

20 **Q. What actions should be taken in order to address the changes in SPS's
21 projected retirement dates for generating assets that you identify in your
22 update?**

23 A. I recommend the Commission approve SPS's proposed depreciation rates, which
24 have been updated to more accurately reflect current investment and depreciation

1 reserve balances for all assets and current service life expectations for SPS's
2 existing generation assets. The depreciation rates proposed in the Technical Update
3 more accurately reflect SPS's current experience and future expectations and also
4 allow for the recovery of depreciation expense that would otherwise be under-
5 accrued. In addition, adoption of the proposed depreciation rates should ensure,
6 going forward, that current SPS customers pay their pro-rata share of the investment
7 over the remaining life of the investment. This ensures that future customers are
8 not unduly burdened by having to pay a disproportionate share of any remaining
9 investment balance for removal costs at the end of the asset's life.

10 **Q. Does this conclude your pre-filed direct testimony?**

11 A. Yes.

AFFIDAVIT

STATE OF TEXAS)
)
COUNTY OF COLLIN)

DANE A. WATSON, first being sworn on his oath, states:

I am the witness identified in the preceding testimony. I have read the testimony and the accompanying attachment(s) and am familiar with their contents. Based upon my personal knowledge, the facts stated in the testimony are true. In addition, in my judgment and based upon my professional experience, the opinions and conclusions stated in the testimony are true, valid, and accurate.

Dane A. Watson
DANE A. WATSON

Subscribed and sworn to before me this 20th day of January, 2021 by DANE A. WATSON.

Teresa C. Stewart
Notary Public, State of Texas

My Commission Expires: *Dec 6, 2023*



Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas, New Mexico	Federal Energy Regulatory Commission	ER20-277-000	Southwestern Public Service Company	2019	Electric Production and General Plant Depreciation Study
Alaska	Regulatory Commission of Alaska	U-19-086	Alaska Electric Light and Power	2019	Electric Depreciation Study
Delaware	Delaware Public Service Commission	19-0615	Suez Water Delaware	2019	Water Depreciation Study
Texas	Public Utility Commission of Texas	49831	Southwestern Public Service Company	2019	Electric Depreciation Study
New Mexico	New Mexico Public Regulation Commission	19-00170-UT	Southwestern Public Service Company	2019	Electric Depreciation Study
Georgia	Georgia Public Service Commission	42516	Georgia Power Company	2019	Electric Depreciation Study
Georgia	Georgia Public Service Commission	42315	Atlanta Gas Light	2019	Gas Depreciation Study
Arizona	Arizona Corporation Commission	G-01551A-19-0055	Southwest Gas Corporation	2019	Gas Removal Cost Study
New Hampshire	New Hampshire Public Service Commission	DE 19-064	Liberty Utilities	2019	Electric Distribution and General
New Jersey	New Jersey Board of Public Utilities	GR19040486	Elizabethtown Natural Gas	2019	Gas Depreciation Study
Texas	Public Utility Commission of Texas	49421	CenterPoint Houston Electric LLC	2019	Electric Depreciation Study
North Carolina	North Carolina Utilities Commission	Docket No. G-9, Sub 743	Piedmont Natural Gas	2019	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-18-121	Municipal Power and Light City of Anchorage	2018	Electric Depreciation Study
Various	FERC	RP19-352-000	Sea Robin	2018	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas New Mexico	Federal Energy Regulatory Commission	ER19-404-000	Southwestern Public Service Company	2018	Electric Transmission Depreciation Study
California	Federal Energy Regulatory Commission	ER19-221-000	San Diego Gas and Electric	2018	Electric Transmission Depreciation Study
Kentucky	Kentucky Public Service Commission	2018-00281	Atmos Kentucky	2018	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-18-054	Matanuska Electric Coop	2018	Electric Generation Depreciation Study
California	California Public Utilities Commission	A17-10-007	San Diego Gas and Electric	2018	Electric and Gas Depreciation Study
Texas	Public Utility Commission of Texas	48401	Texas New Mexico Power	2018	Electric Depreciation Study
Nevada	Public Utility Commission of Nevada	18-05031	Southwest Gas	2018	Gas Depreciation Study
Texas	Public Utility Commission of Texas	48231	Oncor Electric Delivery	2018	Depreciation Rates
Texas	Public Utility Commission of Texas	48371	Entergy Texas	2018	Electric Depreciation Study
Kansas	Kansas Corporation Commission	18-KCPE-480-RTS	Kansas City Power and Light	2018	Electric Depreciation Study
Arkansas	Arkansas Public Service Commission	18-027-U	Liberty Pine Bluff Water	2018	Water Depreciation Study
Kentucky	Kentucky Public Service Commission	2017-00349	Atmos KY	2018	Gas Depreciation Rates
Tennessee	Tennessee Public Utility Commission	18-00017	Chattanooga Gas	2018	Gas Depreciation Study
Texas	Railroad Commission of Texas	10679	Si Energy	2018	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Alaska	Regulatory Commission of Alaska	U-17-104	Anchorage Water and Wastewater	2017	Water and Waste Water Depreciation Study
Michigan	Michigan Public Service Commission	U-18488	Michigan Gas Utilities Corporation	2017	Gas Depreciation Study
Texas	Railroad Commission of Texas	10669	CenterPoint South Texas	2017	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	17-061-U	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Kansas	Kansas Corporation Commission	18-EPDE-184-PRE	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Oklahoma	Oklahoma Corporation Commission	PUD 201700471	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Missouri	Missouri Public Service Commission	EO-2018-0092	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Michigan	Michigan Public Service Commission	U-18457	Upper Peninsula Power Company	2017	Electric Depreciation Study
Florida	Florida Public Service Commission	20170179-GU	Florida City Gas	2017	Gas Depreciation Study
Michigan	FERC	ER18-56-000	Consumers Energy	2017	Electric Depreciation Study
Missouri	Missouri Public Service Commission	GR-2018-0013	Liberty Utilities	2017	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-18452	SEMCO	2017	Gas Depreciation Study
Texas	Public Utility Commission of Texas	47527	Southwestern Public Service Company	2017	Electric Production Depreciation Study
MultiState	FERC	ER17-1664	American Transmission Company	2017	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Alaska	Regulatory Commission of Alaska	U-17-008	Municipal Power and Light City of Anchorage	2017	Generating Unit Depreciation Study
Mississippi	Mississippi Public Service Commission	2017-UN-041	Atmos Energy	2017	Gas Depreciation Study
Texas	Public Utility Commission of Texas	46957	Oncor Electric Delivery	2017	Electric Depreciation Study
Oklahoma	Oklahoma Corporation Commission	PUD 201700078	CenterPoint Oklahoma	2017	Gas Depreciation Study
New York	FERC	ER17-1010-000	New York Power Authority	2017	Electric Depreciation Study
Texas	Railroad Commission of Texas	GUD 10580	Atmos Pipeline Texas	2017	Gas Depreciation Study
Texas	Railroad Commission of Texas	GUD 10567	CenterPoint Texas	2016	Gas Depreciation Study
MultiState	FERC	ER17-191-000	American Transmission Company	2016	Electric Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR16090826	Elizabethtown Natural Gas	2016	Gas Depreciation Study
North Carolina	North Carolina Utilities Commission	Docket G-9 Sub 77H	Piedmont Natural Gas	2016	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-18195	Consumers Energy/DTE Electric	2016	Ludington Pumped Storage Depreciation Study
Alabama	FERC	ER16-2313-000	SEGCO	2016	Electric Depreciation Study
Alabama	FERC	ER16-2312-000	Alabama Power Company	2016	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-18127	Consumers Energy	2016	Natural Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Mississippi	Mississippi Public Service Commission	2016 UN 267	Willmut Natural Gas	2016	Natural Gas Depreciation Study
Iowa	Iowa Utilities Board	RPU-2016-0003	Liberty-Iowa	2016	Natural Gas Depreciation Study
Illinois	Illinois Commerce Commission	GRM #16-208	Liberty-Illinois	2016	Natural Gas Depreciation Study
Kentucky	FERC	RP16-097-000	KOT	2016	Natural Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-16-067	Alaska Electric Light and Power	2016	Generating Unit Depreciation Study
Florida	Florida Public Service Commission	160170-EI	Gulf Power	2016	Electric Depreciation Study
California	California Public Utilities Commission	A 16-07-002	California American Water	2016	Water and Waste Water Depreciation Study
Arizona	Arizona Corporation Commission	G-01551A-16-0107	Southwest Gas	2016	Gas Depreciation Study
Texas	Public Utility Commission of Texas	45414	Sharyland	2016	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	16A-0231E	Public Service Company of Colorado	2016	Electric Depreciation Study
Multi-State NE US	FERC	16-453-000	Northeast Transmission Development, LLC	2015	Electric Depreciation Study
Arkansas	Arkansas Public Service Commission	15-098-U	CenterPoint Arkansas	2015	Gas Depreciation Study and Cost of Removal Study
New Mexico	New Mexico Public Regulation Commission	15-00296-UT	Southwestern Public Service Company	2015	Electric Depreciation Study
Atmos Energy Corporation	Tennessee Regulatory Authority	14-00146	Atmos Tennessee	2015	Natural Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
New Mexico	New Mexico Public Regulation Commission	15-00261-UT	Public Service Company of New Mexico	2015	Electric Depreciation Study
Hawaii	NA	NA	Hawaii American Water	2015	Water/Wastewater Depreciation Study
Kansas	Kansas Corporation Commission	16-ATMG-079-RTS	Atmos Kansas	2015	Gas Depreciation Study
Texas	Public Utility Commission of Texas	44704	Entergy Texas	2015	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-15-089	Fairbanks Water and Wastewater	2015	Water and Waste Water Depreciation Study
Arkansas	Arkansas Public Service Commission	15-031-U	Source Gas Arkansas	2015	Underground Storage Gas Depreciation Study
New Mexico	New Mexico Public Regulation Commission	15-00139-UT	Southwestern Public Service Company	2015	Electric Depreciation Study
Texas	Public Utility Commission of Texas	44746	Wind Energy Transmission Texas	2015	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	15-AL-0299G	Atmos Colorado	2015	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	15-011-U	Source Gas Arkansas	2015	Gas Depreciation Study
Texas	Railroad Commission of Texas	GUD 10432	CenterPoint- Texas Coast Division	2015	Gas Depreciation Study
Kansas	Kansas Corporation Commission	15-KCPE-116-RTS	Kansas City Power and Light	2015	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-120	Alaska Electric Light and Power	2014-2015	Electric Depreciation Study
Texas	Public Utility Commission of Texas	43950	Cross Texas Transmission	2014	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
New Mexico	New Mexico Public Regulation Commission	14-00332-UT	Public Service of New Mexico	2014	Electric Depreciation Study
Texas	Public Utility Commission of Texas	43695	Xcel Energy	2014	Electric Depreciation Study
Multi State – SE US	FERC	RP15-101	Florida Gas Transmission	2014	Gas Transmission Depreciation Study
California	California Public Utilities Commission	A.14-07-006	Golden State Water	2014	Water and Waste Water Depreciation Study
Michigan	Michigan Public Service Commission	U-17653	Consumers Energy Company	2014	Electric and Common Depreciation Study
Colorado	Public Utilities Commission of Colorado	14AL-0660E	Public Service of Colorado	2014	Electric Depreciation Study
Wisconsin	Wisconsin	05-DU-102	WE Energies	2014	Electric, Gas, Steam and Common Depreciation Studies
Texas	Public Utility Commission of Texas	42469	Lone Star Transmission	2014	Electric Depreciation Study
Nebraska	Nebraska Public Service Commission	NG-0079	Source Gas Nebraska	2014	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-055	TDX North Slope Generating	2014	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-054	Sand Point Generating LLC	2014	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-045	Matanuska Electric Coop	2014	Electric Generation Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas, New Mexico	Public Utility Commission of Texas	42004	Southwestern Public Service Company	2013-2014	Electric Production, Transmission, Distribution and General Plant Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR13111137	South Jersey Gas	2013	Gas Depreciation Study
Various	FERC	RP14-247-000	Sea Robin	2013	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	13-078-U	Arkansas Oklahoma Gas	2013	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	13-079-U	Source Gas Arkansas	2013	Gas Depreciation Study
California	California Public Utilities Commission	Proceeding No.: A.13-11-003	Southern California Edison	2013	Electric Depreciation Study
North Carolina/South Carolina	FERC	ER13-1313	Progress Energy Carolina	2013	Electric Depreciation Study
Wisconsin	Public Service Commission of Wisconsin	4220-DU-108	Northern States Power Company - Wisconsin	2013	Electric, Gas and Common Transmission, Distribution and General
Texas	Public Utility Commission of Texas	41474	Sharyland	2013	Electric Depreciation Study
Kentucky	Kentucky Public Service Commission	2013-00148	Atmos Energy Corporation	2013	Gas Depreciation Study
Minnesota	Minnesota Public Utilities Commission	13-252	Allete Minnesota Power	2013	Electric Depreciation Study
New Hampshire	New Hampshire Public Service Commission	DE 13-063	Liberty Utilities	2013	Electric Distribution and General
Texas	Railroad Commission of Texas	10235	West Texas Gas	2013	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Alaska	Regulatory Commission of Alaska	U-12-154	Alaska Telephone Company	2012	Telecommunications Utility
New Mexico	New Mexico Public Regulation Commission	12-00350-UT	Southwestern Public Service Company	2012	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	12AL-1269ST	Public Service Company of Colorado	2012	Gas and Steam Depreciation Study
Colorado	Colorado Public Utilities Commission	12AL-1268G	Public Service Company of Colorado	2012	Gas and Steam Depreciation Study
Alaska	Regulatory Commission of Alaska	U-12-149	Municipal Power and Light City of Anchorage	2012	Electric Depreciation Study
Texas	Texas Public Utility Commission	40824	Xcel Energy	2012	Electric Depreciation Study
South Carolina	Public Service Commission of South Carolina	Docket 2012-384-E	Progress Energy Carolina	2012	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-12-141	Interior Telephone Company	2012	Telecommunications Utility
Michigan	Michigan Public Service Commission	U-17104	Michigan Gas Utilities Corporation	2012	Gas Depreciation Study
North Carolina	North Carolina Utilities Commission	E-2 Sub 1025	Progress Energy Carolina	2012	Electric Depreciation Study
Texas	Texas Public Utility Commission	40606	Wind Energy Transmission Texas	2012	Electric Depreciation Study
Texas	Texas Public Utility Commission	40604	Cross Texas Transmission	2012	Electric Depreciation Study
Minnesota	Minnesota Public Utilities Commission	12-858	Northern States Power Company - Minnesota	2012	Electric, Gas and Common Transmission, Distribution and General
Texas	Railroad Commission of Texas	10170	Atmos Mid-Tex	2012	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas	Railroad Commission of Texas	10174	Atmos West Texas	2012	Gas Depreciation Study
Texas	Railroad Commission of Texas	10182	CenterPoint Beaumont/ East Texas	2012	Gas Depreciation Study
Kansas	Kansas Corporation Commission	12-KCPE-764-RTS	Kansas City Power and Light	2012	Electric Depreciation Study
Nevada	Public Utility Commission of Nevada	12-04005	Southwest Gas	2012	Gas Depreciation Study
Texas	Railroad Commission of Texas	10147, 10170	Atmos Mid-Tex	2012	Gas Depreciation Study
Kansas	Kansas Corporation Commission	12-ATMG-564-RTS	Atmos Kansas	2012	Gas Depreciation Study
Texas	Texas Public Utility Commission	40020	Lone Star Transmission	2012	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-16938	Consumers Energy Company	2011	Gas Depreciation Study
Colorado	Public Utilities Commission of Colorado	11AL-947E	Public Service of Colorado	2011	Electric Depreciation Study
Texas	Texas Public Utility Commission	39896	Entergy Texas	2011	Electric Depreciation Study
MultiState	FERC	ER12-212	American Transmission Company	2011	Electric Depreciation Study
California	California Public Utilities Commission	A1011015	Southern California Edison	2011	Electric Depreciation Study
Mississippi	Mississippi Public Service Commission	2011-UN-184	Atmos Energy	2011	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-16536	Consumers Energy Company	2011	Wind Depreciation Rate Study
Texas	Public Utility Commission of Texas	38929	Oncor	2011	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas	Railroad Commission of Texas	10038	CenterPoint South TX	2010	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-10-070	Inside Passage Electric Cooperative	2010	Electric Depreciation Study
Texas	Public Utility Commission of Texas	36633	City Public Service of San Antonio	2010	Electric Depreciation Study
Texas	Texas Railroad Commission	10000	Atmos Pipeline Texas	2010	Gas Depreciation Study
Multi State – SE US	FERC	RP10-21-000	Florida Gas Transmission	2010	Gas Depreciation Study
Maine/ New Hampshire	FERC	10-896	Granite State Gas Transmission	2010	Gas Depreciation Study
Texas	Public Utility Commission of Texas	38480	Texas New Mexico Power	2010	Electric Depreciation Study
Texas	Public Utility Commission of Texas	38339	CenterPoint Electric	2010	Electric Depreciation Study
Texas	Texas Railroad Commission	10041	Atmos Amarillo	2010	Gas Depreciation Study
Georgia	Georgia Public Service Commission	31647	Atlanta Gas Light	2010	Gas Depreciation Study
Texas	Public Utility Commission of Texas	38147	Southwestern Public Service	2010	Electric Technical Update
Alaska	Regulatory Commission of Alaska	U-09-015	Alaska Electric Light and Power	2009-2010	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-10-043	Utility Services of Alaska	2009-2010	Water Depreciation Study
Michigan	Michigan Public Service Commission	U-16055	Consumers Energy/DTE Energy	2009-2010	Ludington Pumped Storage Depreciation Study
Michigan	Michigan Public Service Commission	U-16054	Consumers Energy	2009-2010	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-15963	Michigan Gas Utilities Corporation	2009	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Michigan	Michigan Public Service Commission	U-15989	Upper Peninsula Power Company	2009	Electric Depreciation Study
Texas	Railroad Commission of Texas	9869	Atmos Energy	2009	Shared Services Depreciation Study
Mississippi	Mississippi Public Service Commission	09-UN-334	CenterPoint Energy Mississippi	2009	Gas Depreciation Study
Texas	Railroad Commission of Texas	9902	CenterPoint Energy Houston	2009	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	09AL-299E	Public Service Company of Colorado	2009	Electric Depreciation Study
Louisiana	Louisiana Public Service Commission	U-30689	Cleco	2008	Electric Depreciation Study
Texas	Public Utility Commission of Texas	35763	Southwestern Public Service Company	2008	Electric Production, Transmission, Distribution and General Plant Depreciation Study
Wisconsin	Wisconsin	05-DU-101	WE Energies	2008	Electric, Gas, Steam and Common Depreciation Studies
North Dakota	North Dakota Public Service Commission	PU-07-776	Northern States Power Company - Minnesota	2008	Net Salvage
New Mexico	New Mexico Public Regulation Commission	07-00319-UT	Southwestern Public Service Company	2008	Testimony – Depreciation
Multiple States	Railroad Commission of Texas	9762	Atmos Energy	2007-2008	Shared Services Depreciation Study
Minnesota	Minnesota Public Utilities Commission	E015/D-08-422	Minnesota Power	2007-2008	Electric Depreciation Study
Texas	Public Utility Commission of Texas	35717	Oncor	2008	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas	Public Utility Commission of Texas	34040	Oncor	2007	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-15629	Consumers Energy	2006-2009	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	06-234-EG	Public Service Company of Colorado	2006	Electric Depreciation Study
Arkansas	Arkansas Public Service Commission	06-161-U	CenterPoint Energy – Arkla Gas	2006	Gas Distribution Depreciation Study and Removal Cost Study
Texas, New Mexico	Public Utility Commission of Texas	32766	Southwestern Public Service Company	2005-2006	Electric Production, Transmission, Distribution and General Plant Depreciation Study
Texas	Railroad Commission of Texas	9670/9676	Atmos Energy Corp	2005-2006	Gas Distribution Depreciation Study
Texas	Railroad Commission of Texas	9400	TXU Gas	2003-2004	Gas Distribution Depreciation Study
Texas	Railroad Commission of Texas	9313	TXU Gas	2002	Gas Distribution Depreciation Study
Texas	Railroad Commission of Texas	9225	TXU Gas	2002	Gas Distribution Depreciation Study
Texas	Public Utility Commission of Texas	24060	TXU	2001	Line Losses
Texas	Public Utility Commission of Texas	23640	TXU	2001	Line Losses
Texas	Railroad Commission of Texas	9145-9148	TXU Gas	2000-2001	Gas Distribution Depreciation Study
Texas	Public Utility Commission of Texas	22350	TXU	2000-2001	Electric Depreciation Study, Unbundling

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable)	Company	Year	Description
Texas	Railroad Commission of Texas	8976	TXU Pipeline	1999	Pipeline Depreciation Study
Texas	Public Utility Commission of Texas	20285	TXU	1999	Fuel Company Depreciation Study
Texas	Public Utility Commission of Texas	18490	TXU	1998	Transition to Competition
Texas	Public Utility Commission of Texas	16650	TXU	1997	Customer Complaint
Texas	Public Utility Commission of Texas	15195	TXU	1996	Mining Company Depreciation Study
Texas	Public Utility Commission of Texas	12160	TXU	1993	Fuel Company Depreciation Study
Texas	Public Utility Commission of Texas	11735	TXU	1993	Electric Depreciation Study

**SOUTHWESTERN PUBLIC SERVICE
COMPANY – TEXAS
Book Depreciation Accrual Rate
Study
At December 31, 2018**



**SOUTHWESTERN PUBLIC SERVICE COMPANY-TEXAS
DEPRECIATION RATE STUDY
AT DECEMBER 31, 2018**

Table of Contents

PURPOSE..... 4

STUDY RESULTS 5

GENERAL DISCUSSION 6

Definition..... 6

Basis of Depreciation Estimates 6

Survivor Curves 7

Life Span Procedure..... 10

Actuarial Analysis 10

Simulated Plant Record Procedure..... 11

Judgment 14

Theoretical Depreciation Reserve..... 15

DETAILED DISCUSSION 16

Depreciation Study Process 16

SPS Texas Depreciation Study Process..... 18

Production Depreciation Calculation Process..... 19

Transmission, Distribution and General Calculation Process 20

LIFE ANALYSIS 23

PRODUCTION PLANT..... 23

Steam Production, FERC Accounts 310-316 23

Other Production, FERC Accounts 340-346 23

Transmission Accounts, FERC Accounts 350-358..... 25

Distribution Accounts, FERC Accounts 360-373 37

SALVAGE ANALYSIS..... 63

Salvage - Steam Production and Other Production Property..... 64

Salvage - Transmission Property 66

Salvage – General Property 76

APPENDIX A 81

Computation of Depreciation Accrual Rates 81
APPENDIX B 87
Comparison of Approved vs Proposed Accrual Rates 87
APPENDIX C 96
Comparison of Depreciation Parameters 96
APPENDIX D 102
Retirement Data for all Generating Units 102
APPENDIX E 104
Net Salvage Analysis by Account..... 104
APPENDIX F..... 131
Comparison of Plant, Book Depreciation Reserve and Reallocation of Reserve
..... 131
APPENDIX G 138
Dismantling Cost Allocation by Unit/Account 138
Production Composite Net Salvage..... 139

PURPOSE

The purpose of this study is to develop functional depreciation rates for the depreciable Production, Transmission, Distribution, and General Property as recorded on the books of Southwestern Public Service Company – Texas (“SPS” or the “Company”) as of December 31, 2018. The depreciation rates were designed to recover the total remaining undepreciated investment, adjusted for net salvage, over the remaining life of SPS’s property on a straight-line basis. Non-depreciable property was excluded from this study. SPS is engaged in the generation, transmission, and distribution of electricity within Texas and New Mexico.

Company-wide (Texas and New Mexico), SPS provides electricity to approximately 400,000 wholesale and retail customers. Assets for SPS at December 31, 2018 include: 4,406 megawatts of generation; 9,028 conductor miles of 345 kV transmission lines with supporting structures; 9,675 conductor miles of 230 kV transmission lines with supporting structures; 14,493 conductor miles of 115 kV transmission line with supporting structures; 25,820 conductor miles of less than 115 kV line and 459 transmission and distribution substations. In addition, SPS utilizes associated equipment such as feeders, primary switches, poles, conductor, line transformers, services, meters, and street lights to serve its customers.

General Property assets such as buildings, office furniture, transportation equipment, and other miscellaneous property are located throughout SPS’ service territory.

STUDY RESULTS

Recommended depreciation rates for all SPS depreciable property are shown in Appendix A. These rates translate into an annual depreciation accrual (total company) for Production of \$96.3 million, for Transmission, Distribution, and General Property plant of \$140.1 million, and for Intangible plant of \$26.3 million. These accruals are based on SPS' depreciable investment as of December 31, 2018 as shown in Appendix B. The annual depreciation expense calculated by the same method using the existing approved SPS Texas depreciation rates was \$56.3 million for Production, \$123.5 million for Transmission, Distribution, and General Property plant and \$26.3 million for Intangible plant. Appendix B shows the effect of the change in lives, net salvage and curves on depreciation accrual by account. The proposed lives, net salvage and curves on which these calculations are based are shown in Appendix C-1 and C-2. Appendix D shows the production unit retirement dates. Appendix E addresses the development of net salvage parameters for all plant accounts, by providing the net salvage history. Appendix F shows the comparison of book depreciation reserve to the reallocated reserve and the difference. Appendix G shows the allocation of dismantling costs broken down to the generating unit and plant account. Appendix H shows the computation of composite net salvage for generating unit and plant account.

Since Docket No. 35763, SPS has been using general plant amortization (vintage group amortization) for general plant (excluding Accounts 389 and 390). SPS is presenting updated estimates of life and net salvage for general plant for Accounts 391-398. In this proceeding, SPS requests that the depreciation study parameters (life and net salvage) for general plant be approved.

GENERAL DISCUSSION

Definition

The term "depreciation" as used in this study is considered in the accounting sense; that is, a system of accounting that distributes the cost of assets, less net salvage (if any), over the estimated useful life of the assets in a systematic and rational manner. It is a process of allocation, not valuation. This expense is systematically allocated to accounting periods over the life of the properties. The amount allocated to any one accounting period does not necessarily represent the loss or decrease in value that will occur during that particular period. SPS accrues depreciation on the basis of the original cost of all depreciable property included in each functional property group. At retirement, the full cost of depreciable property, less the net salvage value, is charged to the depreciation reserve.

Basis of Depreciation Estimates

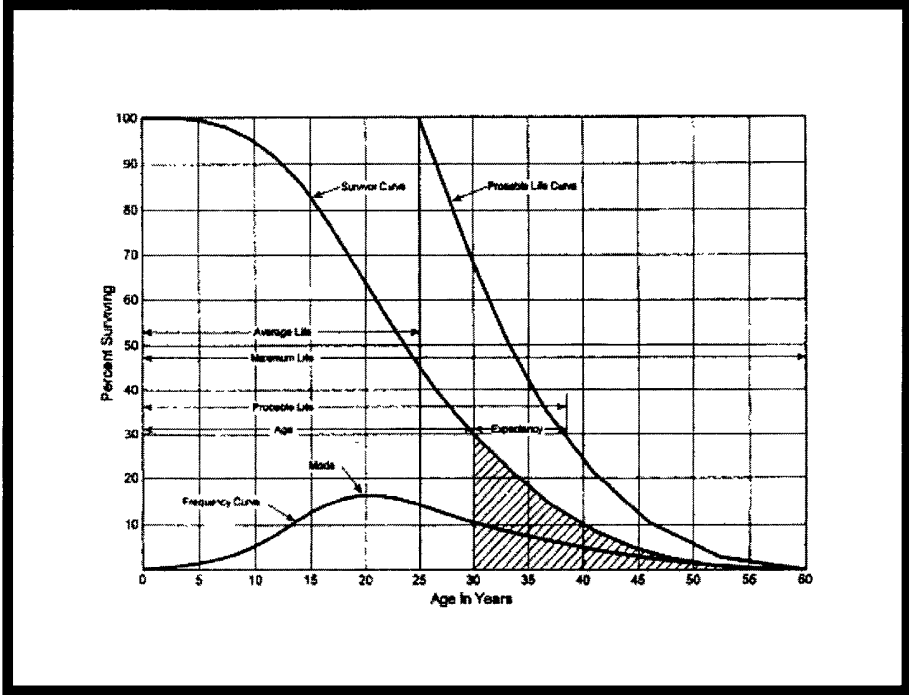
Annual and accrued depreciation rates were calculated in this study by the straight-line, broad group, remaining-life depreciation system. In this system, the annual depreciation expense for each group is computed by dividing the original cost of the asset group less allocated depreciation reserve less estimated net salvage by its respective average remaining life. The resulting annual accrual amounts of all depreciable property within a function were accumulated and the total was divided by the original cost of all functional depreciable property to determine the depreciation rate. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group, and were computed in a direct weighting by multiplying each vintage or account balance times its remaining life and dividing by the plant investment in service as of December 31, 2018. The computations of the annual functional depreciation rates are shown in Appendix A, and the weighted remaining life calculations are also shown in Appendix A.

A variety of life estimation approaches were incorporated into analyses of SPS

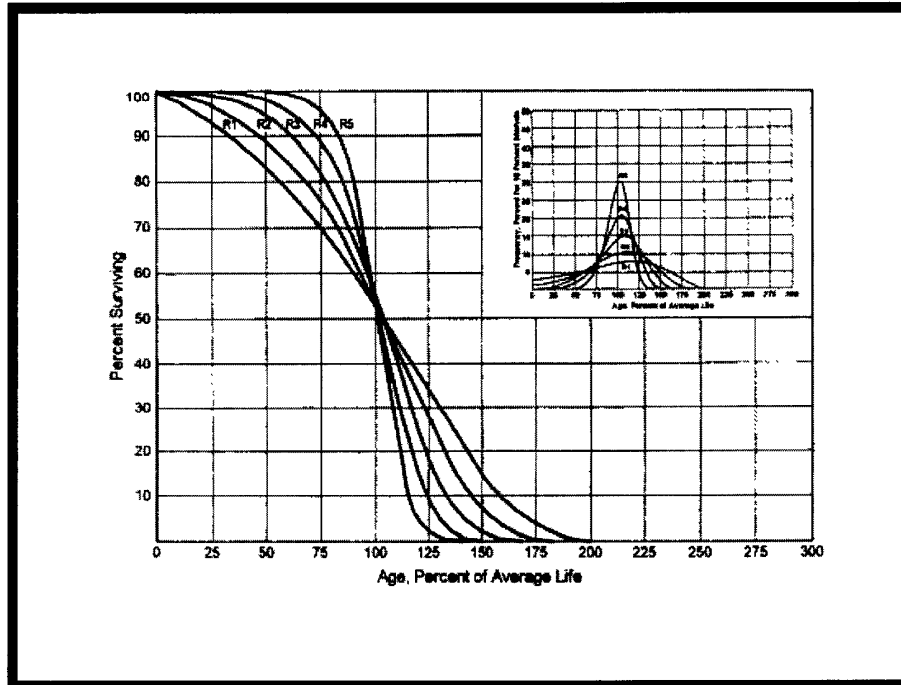
data. Both Simulated Plant Record (“SPR”) analysis and Actuarial Analysis are commonly used mortality analysis techniques for electric utility property. Historically, SPS has used SPR analysis to evaluate lives of most asset groups. Where vintaged information is available, actuarial analysis was performed. Transmission, Distribution structures and improvements, Distribution substations, and General Property accounts were analyzed in this study using actuarial analysis. Production interim retirement curves and Mass Distribution accounts (Accounts 364–373) were analyzed using SPR analysis. For the accounts using actuarial analysis, (*i.e.*, Accounts 350-362 and 389-398) experience bands varied depending on the amount of data. The 1968-2018 experience band was the maximum used for Accounts 352-362 and General Property Accounts 390-398. Judgment was used on all accounts. Each approach used in this study is more fully described in a later section.

Survivor Curves

To fully understand depreciation projections in a regulated utility setting, there must be a basic understanding of survivor curves. Individual assets within a group do not normally have identical lives or investment amounts. The average life of a group can be determined by comparing actual experience against various survivor curves. A survivor curve represents the percentage of property remaining in service at various age intervals. The most widely used set of representative survivor curves are the Iowa Survivor Curves (Iowa Curves). The Iowa Curves are the result of an extensive investigation of life characteristics of physical property made at Iowa State College Engineering Experiment Station in the first half of the twentieth century. Through common usage, revalidation, and regulatory acceptance, these curves have become a descriptive standard for the life characteristics of industrial property. An example of an Iowa Curve is shown below.



There are four families in the Iowa Curves which are distinguished by the relation of the age at the retirement mode (largest annual retirement frequency) and the average life. The four families are designated as "R"— Right, "S" — Symmetric, "L" — Left, and "O" — Origin Modal. First, for patterns with the mode age greater than the average life, an "R" designation (*i.e.*, Right modal) is used. The family of "R" moded curves is shown below.



Second, an "S" designation (*i.e.*, Symmetric modal) is used for the family whose mode age is symmetric about the average life. Third, an "L" designation (*i.e.*, Left modal) is used for the family whose mode age is less than the average life. Fourth, a special case of left modal dispersion is the "O" or origin modal curve family. Within each curve family, numerical designations are used to describe the relative magnitude of the retirement frequencies at the mode. A "6" indicates that the retirements are not greatly dispersed from the mode (*i.e.*, high mode frequency) while a "1" indicates a large dispersion about the mode (*i.e.*, low mode frequency). For example, a curve with an average life of 30 years and an "L3" dispersion is a moderately dispersed, left modal curve that can be designated as a 30 L3 Curve. An SQ, or square, survivor curve occurs where no dispersion is present (*i.e.*, units of common age retire simultaneously).

For Production interim retirement curves, Transmission, Distribution, and General Property accounts, a survivor curve pattern was selected based on analysis of historical data, as well as other factors, such as general changes relevant to SPS's operations. The blending of judgment concerning current conditions and future trends, along with the matching of historical data permits the depreciation analyst to make an informed selection of an account's average life and retirement dispersion pattern. Iowa Curves were used to depict the estimated survivor curves for each account.

Life Span Procedure

The life span procedure was used for production facilities for which most components are expected to have a retirement date concurrent with the planned retirement date of the generating unit. The terminal retirement date refers to the year that each unit will cease operations. The estimated terminal retirement dates for the various generating units were provided by SPS based on determinations made by SPS management, financial, and engineering staff. Those estimated terminal retirement dates are shown in Appendix D. No interim retirement curves or interim additions were incorporated in the depreciation study following the precedent set in Docket No. 43695.

Actuarial Analysis

Actuarial analysis (retirement rate method) was used in evaluating historical asset retirement experience where vintage data were available and sufficient retirement activity was present. In actuarial analysis, interval exposures (total property subject to retirement at the beginning of the age interval, regardless of vintage) and age interval retirements are calculated. The complement of the ratio of interval retirements to interval exposures establishes a survivor ratio. The survivor ratio is the fraction of property surviving to the end of the selected age interval, given that it has survived to the beginning of that age interval. Survivor ratios for all of the available age intervals were chained by successive multiplications to establish a series of survivor factors, collectively known as an observed life table. The observed life table shows the experienced mortality characteristic of the account and may be compared to standard

mortality curves such as the Iowa Curves. Many accounts were analyzed using this method. Placement bands were used to illustrate the composite history over a specific era, and experience bands were used to focus on retirement history for all vintages during a set period. Matching data in observed life tables for each experience and placement band to an Iowa Curve requires visual examination. As stated in Depreciation Systems by Wolf and Fitch, “the analyst must decide which points or sections of the curve should be given the most weight. Points at the end of the curve are often based on fewer exposures and may be given less weight than those points based on larger samples” (page 46). Some analysts chose to use mathematical fitting as a tool to narrow the population of curves using a least squares technique. Use of the least squares approach does not imply a statistical validity, however, because the underlying data does not meet criteria for independence between vintages and the same average price for property units through time. Thus, Depreciation Systems cautions, “... the results of mathematical fitting should be checked visually and the final determination of best fit made by the analyst” (page 48). This study uses the visual matching approach to match Iowa Curves, since mathematical fitting produces theoretically possible curve matches. Visual examination and experienced judgment allow the depreciation professional to make the final determination as to the best curve type.

Detailed information for each account is shown later in this study and in workpapers.

Simulated Plant Record Procedure

The SPR - Balances approach is one of the commonly accepted approaches to analyze mortality characteristics of utility property. SPR was applied to production interim retirement curves and Distribution (Accounts 364-373), due to the unavailability of vintaged transactional data. In this method, an Iowa Curve and average service life are selected as a starting point of the analysis and its survivor factors applied to the actual annual additions to give a sequence of annual balance totals. These simulated balances are compared with the actual balances by using both graphical and statistical analysis. Through multiple comparisons, the mortality characteristics (as defined by an

average life and Iowa Curve) that are the best match to the property in the account can be found.

The Conformance Index ("CI") is one measure used to evaluate various SPR analyses. CIs are also used to evaluate the "goodness of fit" between the actual data and the Iowa Curve being referenced. The sum of squares difference ("SSD") is a summation of the difference between the calculated balances and the actual balances for the band or study year being analyzed. This difference is squared and then summed to arrive at the SSD.

$$SSD = \sum_i^n (\text{Calculated Balance}_i - \text{Observed Balance}_i)^2$$

Where n is the number of years in the test band.

This calculation can then be used to develop other calculations, which the analyst feels might give a better indication for the "goodness of fit" for the representative curve under consideration. The residual measure ("RM") is the square root of the average squared differences as developed above. The residual measure is calculated as follows:

$$RM = \sqrt{\frac{SSD}{n}}$$

The CI is developed from the residual measure and the average observed plant balances for the band or study year being analyzed. The calculation of conformance index is shown below:

$$CI = \frac{\sum_i^n \text{Balances}_i / n}{RM}$$

The retirement experience index ("REI") gives an indication of the maturity of the account and is the percent of the property retired from the oldest vintage in the band at the end of the study year. Retirement indices range from zero percent to 100 percent and an REI of 100 percent indicates that a complete curve was used. An REI less than 100 percent indicates that the survivor curve was truncated at that point. The originator

of the SPR method, Alex Bauhan, suggests ranges of value for the CI and REI. The relationship for CI proposed by Bauhan is shown below¹:

CI	Value
Over 75	Excellent
50 to 75	Good
25 to 50	Fair
Under 25	Poor

The relationship for REI proposed by Bauhan² is shown below:

REI	Value
Over 75	Excellent
50 to 75	Good
33 to 50	Fair
17 to 33	Poor
Under 17	Valueless

Despite the fact there has not been empirical research to validate Bauhan's conclusions, depreciation analysts have used these measures in analyzing SPR results for nearly 60 years, since the SPR method was developed.

¹ Public Utility Depreciation Practices, p. 96. National Association of Regulatory Utility Commissioners, 1996.

² Public Utility Depreciation Practices, p. 97. National Association of Regulatory Utility Commissioners, 1996.

Each of these statistics provides the analyst with a different perspective of the comparison between a band of simulated or calculated balances and the observed or actual balances in the account being studied. Although one statistic is not necessarily superior over the others, the conformance index is the one many analysts use in depreciation studies. The depreciation analyst should carefully weigh the data from REIs to ensure that a mature curve is being used to estimate life.

Statistics are useful in analyzing mortality characteristics of accounts as well as determining a range of service lives to be analyzed using the detailed graphical method. However, these statistics boil all the information down to one, or at most, a few numbers for comparison. Visual matching through comparison between actual and calculated balances expands the analysis by permitting the analyst to view many points of data at a time. The goodness of fit should be visually compared to plots of other Iowa Curve dispersions and average lives for the selection of the appropriate curve and life. Detailed information for each account is shown later in this study and in workpapers.

Judgment

Any depreciation study requires informed judgment by the analyst conducting the study. A knowledge of the property being studied, company policies and procedures, general trends in technology and industry practice, and a sound basis of understanding depreciation theory are needed to apply this informed judgment. In this depreciation study, judgment was used in areas such as survivor curve modeling and selection, depreciation method selection, SPR method analysis, and actuarial analysis.

Where there are multiple factors, activities, actions, property characteristics, statistical inconsistencies, property mix in accounts or a multitude of other considerations that affect the analysis (potentially in various directions), judgment is used to take all of these considerations and synthesize them into a general direction or understanding of the characteristics of the property. Individually, no one consideration in these cases may have a substantial impact on the analysis, but overall, the collective effect of these considerations may shed light on the use and characteristics of assets. Judgment may also be defined as deduction, inference, wisdom, common sense, or the ability to make sensible decisions. There is no single correct result from statistical

analysis; hence, there is no answer absent judgment.

Theoretical Depreciation Reserve

The book accumulated provision for depreciation within each function was allocated among Production, Transmission, Distribution, and General Property Plant accounts through the use of the theoretical depreciation reserve model. This study used a reserve model that relied on a prospective concept relating future retirement and accrual patterns for property, given current life and salvage estimates.

The theoretical reserve of a property group is developed from the estimated remaining life of the group, the total life of the group, and estimated net salvage. The theoretical reserve represents the portion of the group cost that would have been accrued if current forecasts were used throughout the life of the group for future depreciation accruals. The computation involves multiplying the vintage balances within the group by the theoretical reserve ratio for each vintage. The straight-line remaining-life theoretical reserve ratio ("RR") at any given age is calculated as:

$$RR = 1 - \frac{(Average\ Remaining\ Life)}{(Average\ Service\ Life)} * (1 - Net\ Salvage\ Ratio)$$

DETAILED DISCUSSION

Depreciation Study Process

This depreciation study encompassed four distinct phases. The first phase involved data collection and field interviews. The second phase was where the initial data analysis occurred. The third phase was where the information and analysis was evaluated. After the first three stages were complete, the fourth phase began. This phase involved the calculation of deprecation rates and documenting the corresponding recommendations.

During the Phase I data collection process, historical data was compiled from continuing property records and general ledger systems. Data was validated for accuracy by extracting and comparing to multiple financial system sources: Projects System (Construction ledger), Fixed Asset System (continuing property ledger), General Ledger, and interfaces from other operating systems. Audit of this data was validated against historical data from prior periods, historical general ledger sources, and field personnel discussions. This data was reviewed extensively so that it could be put in the proper format for a depreciation study. Further discussion on data review and adjustment is found in the Salvage Consideration section of this study. Also as part of the Phase I data collection process, numerous discussions were conducted with engineers and field operations personnel to obtain information that would be helpful in formulating life and salvage recommendations in this study. One of the most important elements in performing a proper depreciation study is to understand how a company utilizes assets and the environment of those assets. Understanding industry and geographical norms for mortality characteristics are important factors in selecting life and salvage recommendations; however, care must be used not to apply them rigorously to any particular company since no two companies would have the same exact forces of retirement acting upon their assets. Interviews with engineering and operations personnel are important ways to allow the analyst to obtain information that is helpful when evaluating the output from the life and net salvage programs in relation to a company's actual asset utilization and environment. Information that was gleaned in these discussions with SPS personnel for this study is found both in the Detailed

Discussion portions of the Life Analysis and Salvage Analysis sections and also in workpapers. In addition, Alliance personnel possess a significant understanding of the types of electric utility property, the forces of retirement due to years of day-to-day exposures, and operations of electric utility property.

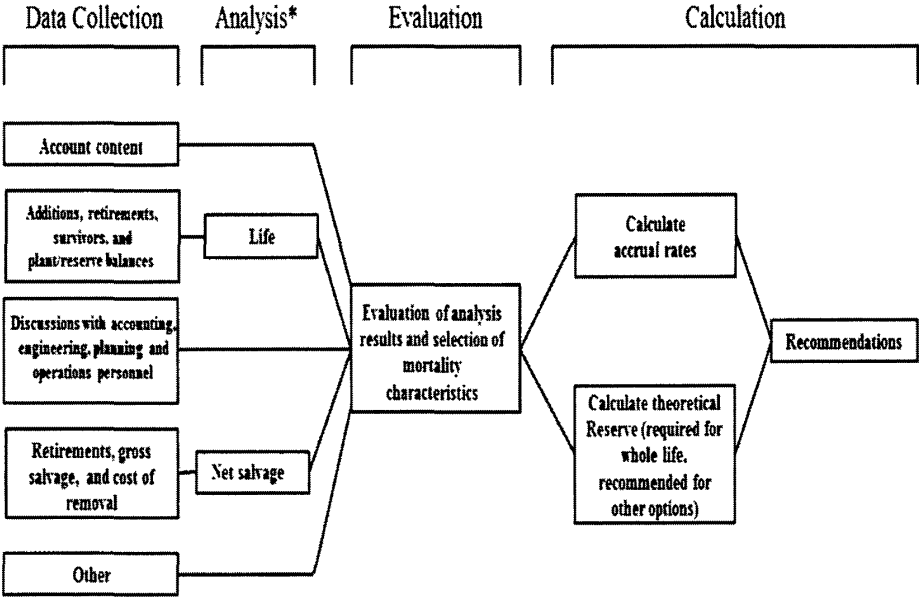
Phase 2 is where the SPR and actuarial analysis are performed. Phase 2 and Phase 3 (to be discussed in the next paragraph) overlap to a significant degree. The detailed property records information is used in Phase 2 to develop observed life tables for life analysis and SPR graphs and statistics. It is possible that an analyst would cycle back to this phase based on the evaluation process performed in Phase 3. Net salvage analysis consists of compiling historical salvage and removal data by functional group and account to determine values and trends in gross salvage and removal cost. This information is then carried forward into Phase 3 for the evaluation process.

Phase 3 is the evaluation process, which synthesizes analysis, interviews, and operational characteristics into a final selection of asset lives and net salvage parameters. The historical analysis from Phase 2 is further enhanced by the incorporation of recent or future changes in the characteristics or operations of assets that were revealed in Phase 1. The preliminary results are then reviewed by the depreciation analyst and discussed with accounting and operations personnel. Phases 2 and 3 allow a depreciation analyst to validate the asset characteristics as seen in the accounting transactions with actual company operational experience.

Finally, Phase 4 involves the calculation of accrual rates, making recommendations and documenting the conclusions in a final report. The calculation of accrual rates for this study is found in Appendix A. Recommendations for the various accounts are contained within the Detailed Discussion of this report. The depreciation study flow diagram shown as Figure 1³ documents the steps used in conducting this study. Depreciation Systems on page 289 documents the same basic processes in performing depreciation study.

³ Introduction to Depreciation for Public Utilities and Other Industries, AGA EEI, 2013.

Book Depreciation Study Flow Diagram



Source: Introduction to Depreciation for Public Utilities and Other Industries, AGA EEI, 2013.

*Although not specifically noted, the mathematical analysis may need some level of input from other sources (for example, to determine analysis bands for life and adjustments to data used in all analysis).

SPS Texas Depreciation Study Process

Production Depreciation Calculation Process

Annual depreciation expense amounts for the Steam Production and Other Production accounts were calculated by the straight line, remaining life procedure. In a whole life representation, the annual accrual rate is computed by the following equation,

$$\text{Annual Accrual Rate} = \frac{(100\% - \text{Net Salvage Percent})}{\text{Average Service Life}}$$

In the case of steam production facilities with a terminal life and interim retirement curve, each vintage within the group has a unique average service life and remaining life determined by computing the area under the truncated Iowa Curve coupled with the group's terminal life. Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of the group. For production assets, the remaining life for each account is derived from the remaining life of the generating unit. With the straight line, remaining life, average life group system, composite remaining lives were calculated by computing a direct weighted average of each remaining life by vintage within the group. Within each group, for each plant account and generating unit, the difference between the surviving investment, adjusted for estimated future net salvage, and the allocated book depreciation reserve, was divided by the composite remaining life to yield the annual depreciation expense as noted in this equation.

$$\text{Annual Depreciation Expense} = \frac{\text{Original Cost} - \text{Book Reserve} - (\text{Original Cost} * \text{Net Salvage \%})}{\text{Remaining Life}}$$

Within a group, the sum of the group annual depreciation expense amounts, as a percentage of the depreciable original cost investment summed, gives the annual depreciation rate as shown below:

$$\text{Annual Depreciation Rate} = \frac{\sum \text{Annual Depreciation Expense}}{\sum \text{Original Cost}}$$

These calculations are shown in Appendix A. The calculations of the theoretical depreciation reserve values and the corresponding remaining life calculations are shown in the workpapers. Book depreciation reserves are maintained on a plant account and generating unit level basis. Theoretical reserve computations were used to reallocate depreciation reserves by account and to compute remaining life for each group. The only generating unit and accounts that were not included in the Steam Production reallocation process were Moore County Accounts 311-316. Moore County was retired in 2013 and thus does not have a remaining life to recover the cost. Therefore the cost of removal for Moore County was fully funded through the Steam Production reserve reallocation process. The only generating units and accounts that were not included in the Other Production reallocation process were Carlsbad, Accounts 341-346, and Blackhawk Pipeline, Account 342. Carlsbad was retired in 2017 and thus does not have a remaining life to recover the cost. Therefore the cost of removal for Carlsbad was fully funded through the Other Production reserve reallocation process. Blackhawk Account 342 had previously been excluded from studies because the asset had been fully depreciated with a zero net book value since the ownership of the pipeline was transferred to SPS. Due to gas pipeline safety legislation, SPS was required to perform extensive and costly safety and integrity work on the pipeline. Computations for the remainder of other production assets mirror those shown above. Steam retired generating unit Denver City, does not have a remaining life and therefore the book reserve was reallocated to produce a zero reserve in these units and accounts.

Transmission, Distribution and General Calculation Process

Annual depreciation expense amounts for Transmission, Distribution, and General Property Accounts 389 - General Land Rights and 390 - General Structures and Improvements were calculated by the straight line, average life group, remaining life

procedure.

In a whole life representation, the annual accrual rate is computed by the following equation,

$$\text{Annual Accrual Rate} = \frac{(100\% - \text{Net Salvage Percent})}{\text{Average Service Life}}$$

Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of the group. With the straight line, remaining life, average life group system using Iowa Curves, composite remaining lives were calculated according to standard broad group expectancy techniques, noted in the formula below:

$$\text{Composite Remaining Life} = \frac{(\sum \text{Original Cost} - \text{Theoretical Reserve})}{\sum \text{Whole Life Annual Accrual}}$$

For each plant account, the difference between the surviving investment, adjusted for estimated future net salvage, and the allocated book depreciation reserve, was divided by the composite remaining life to yield the annual depreciation expense as noted in this equation.

$$\text{Annual Depreciation Expense} = \frac{\text{Original Cost} - \text{Book Reserve} - (\text{Original Cost} * \text{Net Salvage \%})}{\text{Composite Remaining Life}}$$

Within a group, the sum of the group annual depreciation expense amounts, as a percentage of the depreciable original cost investment summed, gives the annual depreciation rate as shown below:

$$\text{Annual Depreciation Rate} = \frac{\sum \text{Annual Depreciation Expense}}{\sum \text{Original Cost}}$$

These calculations are shown in Appendix A. The calculations of the theoretical depreciation reserve values and the corresponding remaining life calculations are

shown in the workpapers for this study. Book depreciation reserves are maintained on a plant account level basis. Theoretical reserve computations were used to reallocate depreciation reserves by account and to compute remaining life for each account.

Vintage Group Amortization

SPS uses vintage group amortization for assets in Accounts 391-398. Vintage group amortization has been approved in Docket No. 43695.⁴ Under vintage group amortization, assets in Accounts 391-398 will be retired when they reach the average service life of the group. SPS has reviewed the life and net salvage parameters for all accounts in this group. In the life analysis and salvage analysis sections, recommended changes to each account describe the depreciation parameters requested for those accounts. The amortization accrual for General Property plant will change to reflect the reserve position of the various accounts and changes in life parameters and net salvage percentages. This allows SPS to continue to record small dollar General Property plant items in without detailed record keeping. The amortization accrual calculations for vintage group amortization are reflected in Appendix A-2.

The changes in General Property plant for Vintage Group Amortization assets resulted in a reserve difference that has to be addressed to provide full recovery of the cost for these assets. Since a 10 year amortization period was established for the reserve difference in Docket No. 43695, this study proposes continuing that recovery period for any general plant reserve deficiency. For those reasons, a 6.42 year recovery period for the General Property plant reserve deficiency is recommended in this study.

⁴ In its subsequent and most recent rate case, Docket No. 47527, SPS reached a settlement with parties that retained SPS's existing Commission-approved depreciation rates as approved in Docket No. 43695, except in relation to the Tolk generating station units 1 and 2.

LIFE ANALYSIS

PRODUCTION PLANT

Steam Production, FERC Accounts 310-316

Other Production, FERC Accounts 340-346

SPS has seven Fossil Steam Production generating sites included in this study: Cunningham, Harrington, Jones, Maddox, Nichols, Plant X, and Tolk. Other Production generation sites include Blackhawk, Cunningham, Jones, Maddox, and Quay County. A new generating project is coming on-line in 2019. The new facility will be located in Hale County, TX and will consist of 239 Vestas-Wind Technology turbines. Hale County will be added to plant in service to compute the proposed depreciation rates and parameters presented in this study.

Terminal Retirement Date

The terminal retirement date refers to the year in which a generating unit will be retired from service. The retirement can be for a number of reasons such as the physical end of the generating unit but will generally be driven by economic retirement of the unit. SPS personnel provided their estimated retirement dates for each generating unit. These dates are based on the current plans and investment in the generating units. Retirement dates for generating units can be found in Appendix D. As new investment is committed to these units or decisions made that units are not economically viable, these retirement dates may change. At this time, these retirement dates are the best estimate of the current lives remaining in the generating assets.

Assets located at the Tolk generating station have been separated into groups and those groups have different retirement dates. SPS plans to install synchronous condensers at Tolk to support voltage stability on the system when Tolk is not being used to generate energy. SPS has identified the existing assets at Tolk that will support operation of the synchronous condenser. The generation assets at Tolk will retire in 2032, and assets supporting the synchronous condenser will retire in 2055. No other costs related to the condenser are included in the rates proposed in this depreciation study.

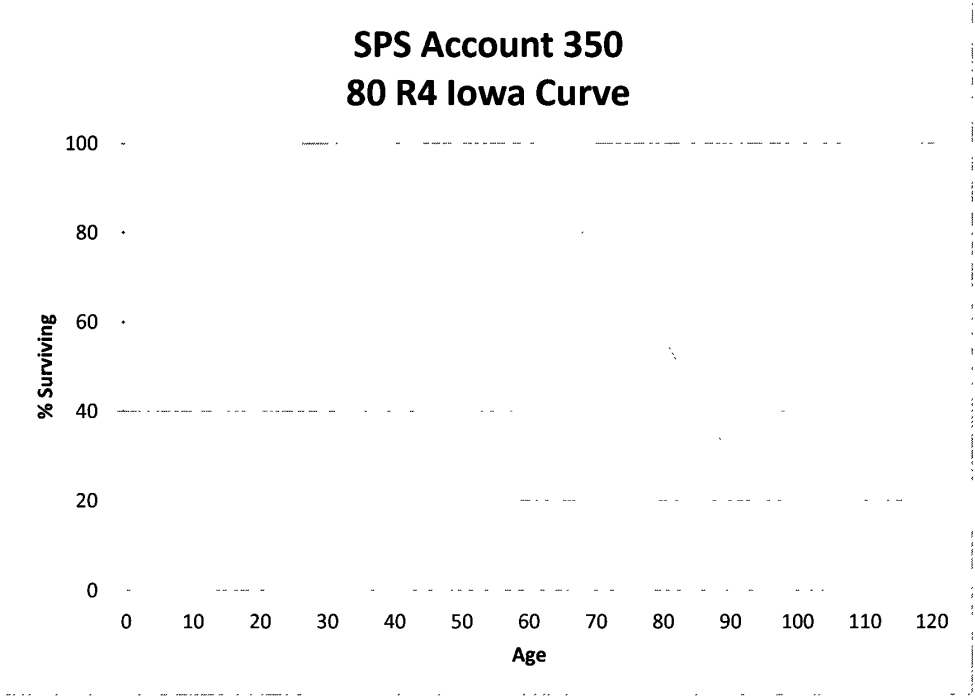
No life analysis was performed for Steam Production Accounts 310-316 and
Other Production Accounts 340-346.

Transmission Accounts, FERC Accounts 350-358

SPS has a wide service territory across Texas and New Mexico. There are significant Transmission assets in substation equipment as well as poles and overhead conductor.

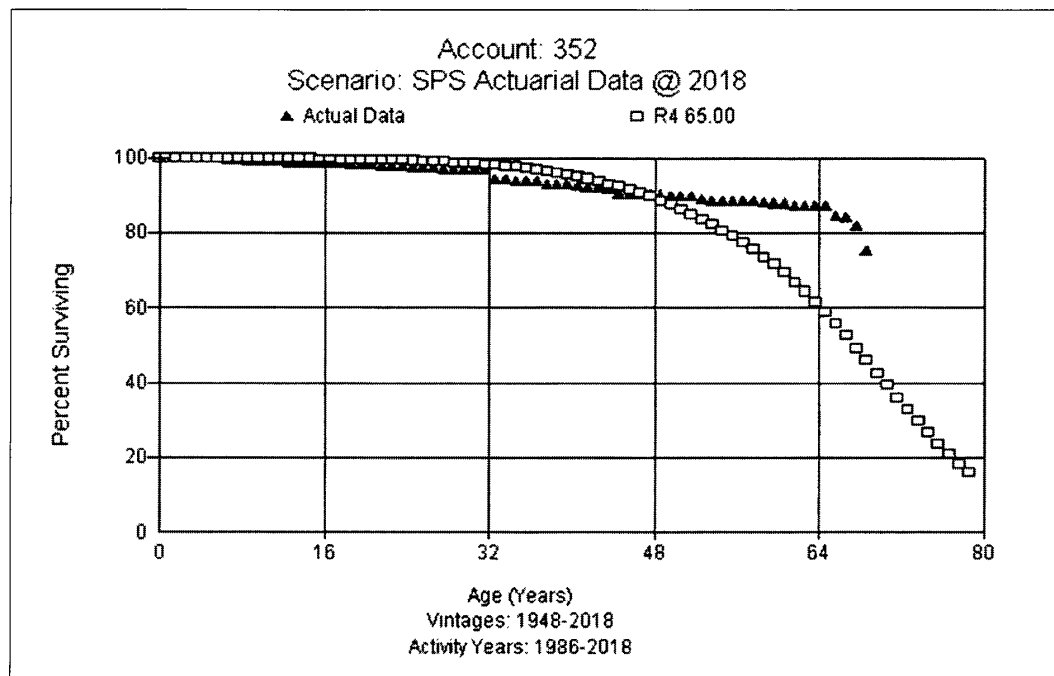
FERC Account 350 Transmission Depreciable Land Rights (80 R4)

This account consists of land rights and easements associated with Transmission lines or Transmission substations. The account balance for this account at December 31, 2018 is \$151.9 million. The rates approved in Docket No. 43695 established a life of 80 years with an R4 dispersion. There is minimal retirement activity in this account, which did not produce sufficient data for an actuarial analysis. The life for depreciable land rights is dependent upon the plant assets that rest on the land rights. The land rights should exhibit a life consistent with the longest life for any Transmission Plant account, which is 75 years. For SPS, this study recommends retaining an 80 year life and an R4 dispersion for this account. A representative curve shape is shown below.



FERC Account 352 Transmission Structures and Improvements (65 R4)

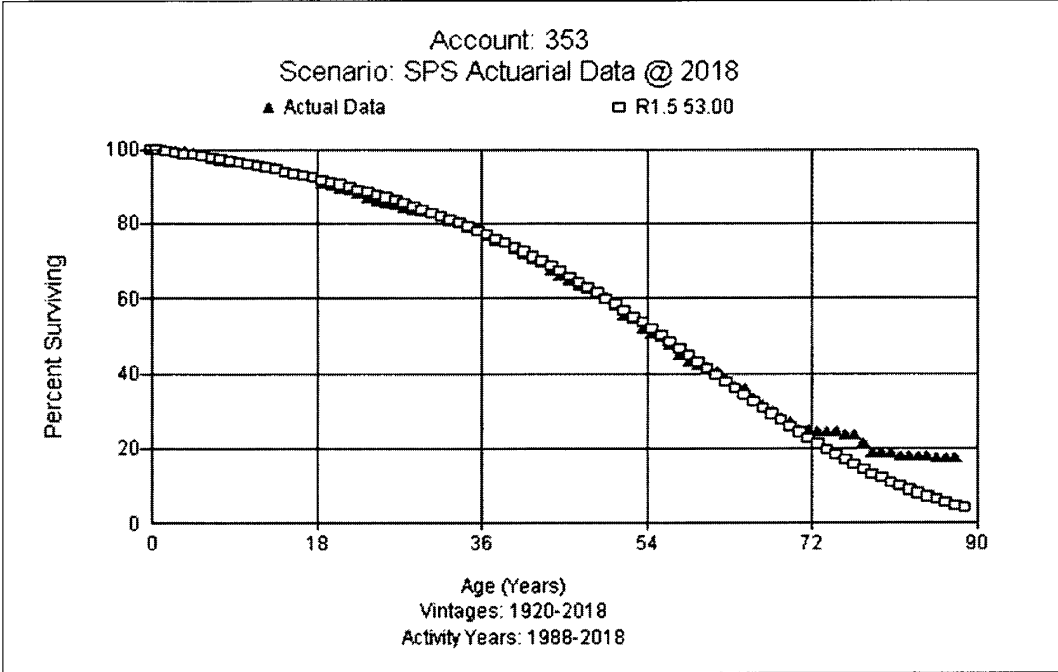
This account includes buildings, fencing, and other structures found in a transmission substation. The account balance for this account at December 31, 2018 is \$101.6 million. The rates approved in Docket No. 43695 established a 65 year life with the R4 dispersion. Limited retirement history⁵ makes actuarial analysis difficult for this account. Although a 65-year life is on the high side of what would be expected in the industry, retention of the 65 year life is recommended with the R4 dispersion for this account.



⁵ Retirement history is 0.80% of the 2018 plant balance.

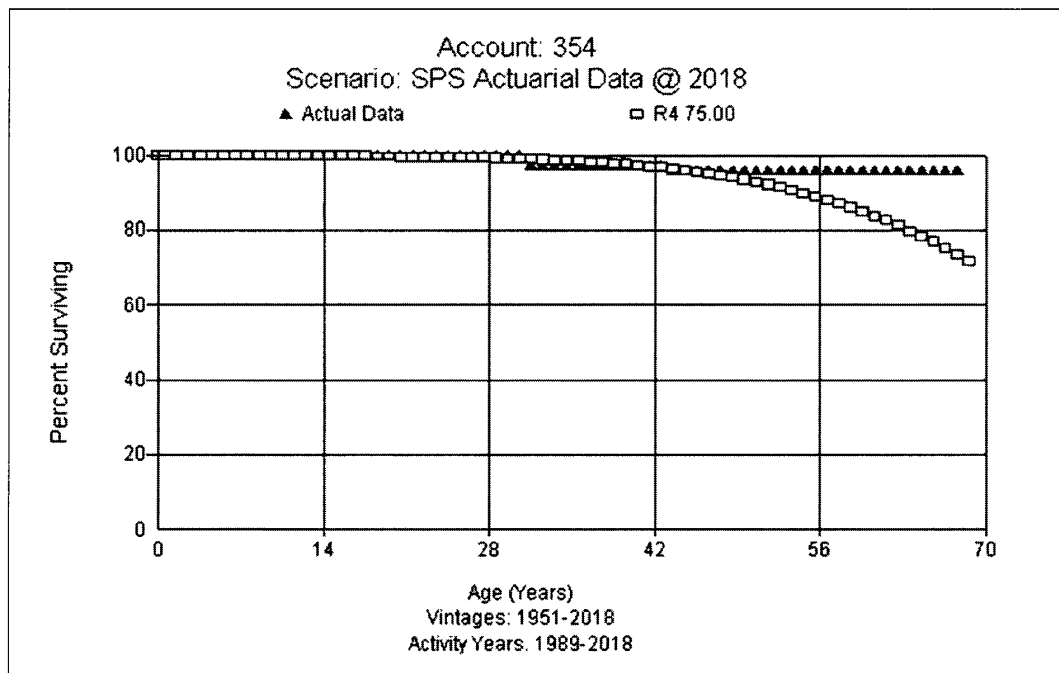
FERC Account 353 Transmission Substation Equipment (53 R1.5)

This account contains a wide variety of transmission substation equipment, from circuit breakers to switchgear and transformers. The account balance for this account at December 31, 2018 is \$1.1 billion. The rates approved in Docket No. 43695 established a life characteristic of 57 years with an R2.5 dispersion. SPS has an excellent inspection and maintenance program related to substation equipment. This program detects and corrects problems with large substation components in a timely manner to keep equipment in service longer than it would otherwise last without the program. In the past, the program had a tendency to reduce early failures. However, it now appears the indicated life of substation equipment has shortened slightly, which supports Company expectations that the life would shorten due to the amount of replacement, rebuilding, and upgrading that has occurred in the oil fields and around wind generation. In the life analysis there is an excellent match with the 53 R1.5 across the various placement and experience band combinations. This study recommends moving to a 53 year life and changing to the R1.5 dispersion for this account.



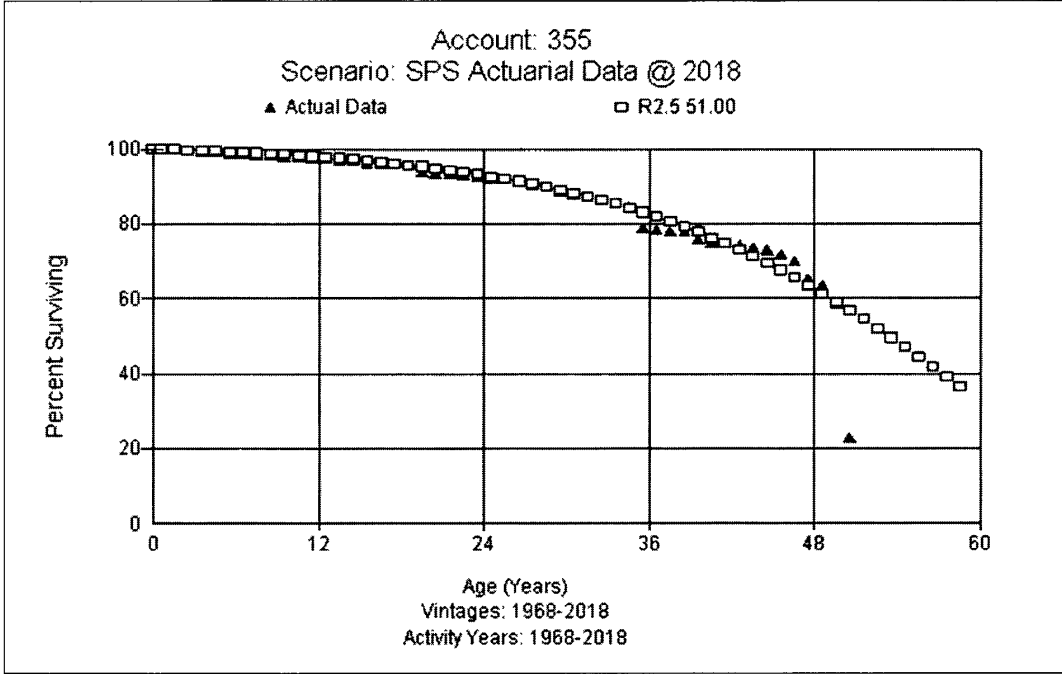
FERC Account 354 Transmission Towers and Fixtures (75 R4)

This account consists of Transmission towers, which are used to transmit electricity at a voltage of 69 kV and above. The account balance for this account at December 31, 2018 is \$8.2 million. Most of the Transmission line assets, of which SPS has in excess of 7,700 circuit miles, are in FERC Account 355, Poles and Fixtures, except for 23 circuit miles that are related to tower lines. There are four short tower lines, two in Amarillo one single mile in length and one two mile in length, and two in Lubbock that are each 10 miles in length. The two Amarillo tower lines were built in the 1950s and the 20 miles around Lubbock was built in the 1970s. There is very limited retirement data, the last two retirements occurred in 1989 and 2014. The rates approved in Docket No. 43695 established a life characteristic of 75 years with an R3 dispersion. SPS personnel feel 75 years is appropriate for these assets. Judgment was used to retain the current life of 75 years and move the dispersion to R4.



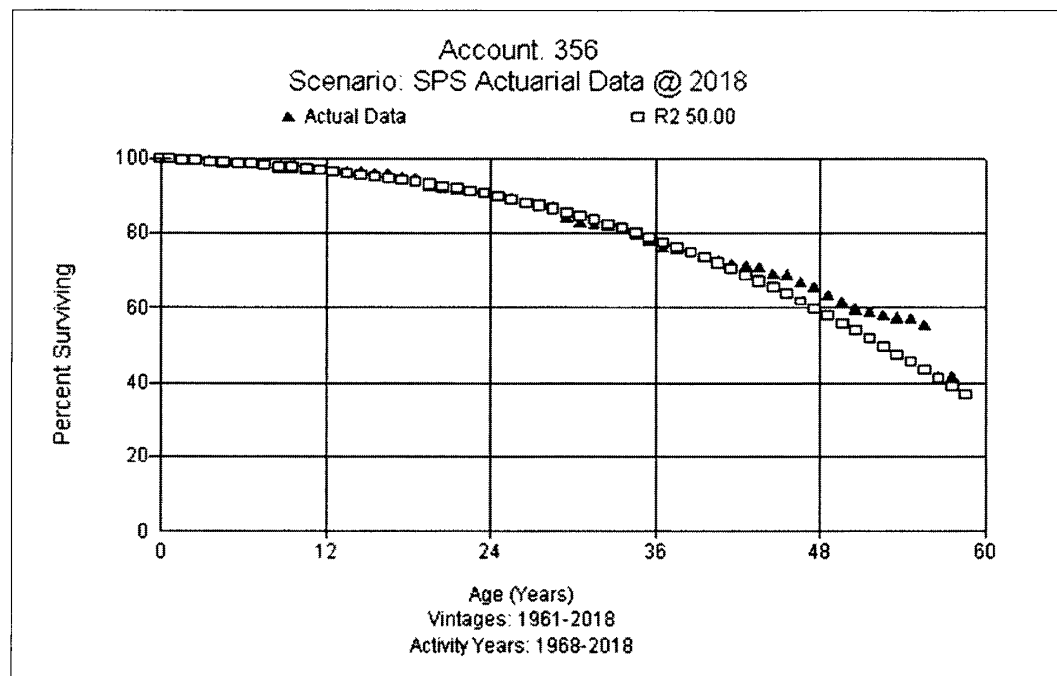
FERC Account 355 Transmission Poles and Fixtures (51 R2.5)

This account consists of Transmission poles and fixtures, which are used to transmit electricity at a voltage of 69 kV and above. The account balance for this account at December 31, 2018 is \$1.2 billion. The rates approved in Docket No. 43695 established a 53 year life with an R2.5 dispersion. Review of the actuarial analyses results indicates that the life of transmission poles is decreasing from the prior depreciation study. SPS is using more steel poles than wood poles. A number of lines are entirely made of steel and some are made with wood tangents and steel corners. Double circuit lines are now steel. SPS has in excess of 7,700 circuit miles of transmission line, of which approximately 10% - 15% of the poles are steel. Some wood pole lines are in excess of 50 years old, although many of those poles have been replaced. Some of the oldest steel poles are approaching 40 years of age. SPS has issues with some lines where design and soil conditions are not optimal. A change from white cedar (which lasted longer) to Douglas fir occurred. New growth trees will not last as long as old growth trees and 60% to 65% of existing wood poles are old growth. Many older wood transmission poles of an older design class will not take the weight of reconductoring. Most steel poles were on foundations and now the majority of steel poles are direct buried. Arms are replaced more often than poles. The expectation is that the use of more steel will result in longer service lives for these assets; however, I have recommended a more conservative estimate at this time due to the current mix of assets and continued use of wood poles. Viewing the overall band, a shorter life of 42 years with the R3 dispersion is a good fit, but this is much shorter than the approved life. When viewing more recent placement and experience bands, the life in this account is decreasing slightly. Based on the actuarial analysis of more recent placement and experience bands, as well as feedback from SPS personnel, we recommend moving to a 51 year life while retaining the R2.5 dispersion is recommended for this account.



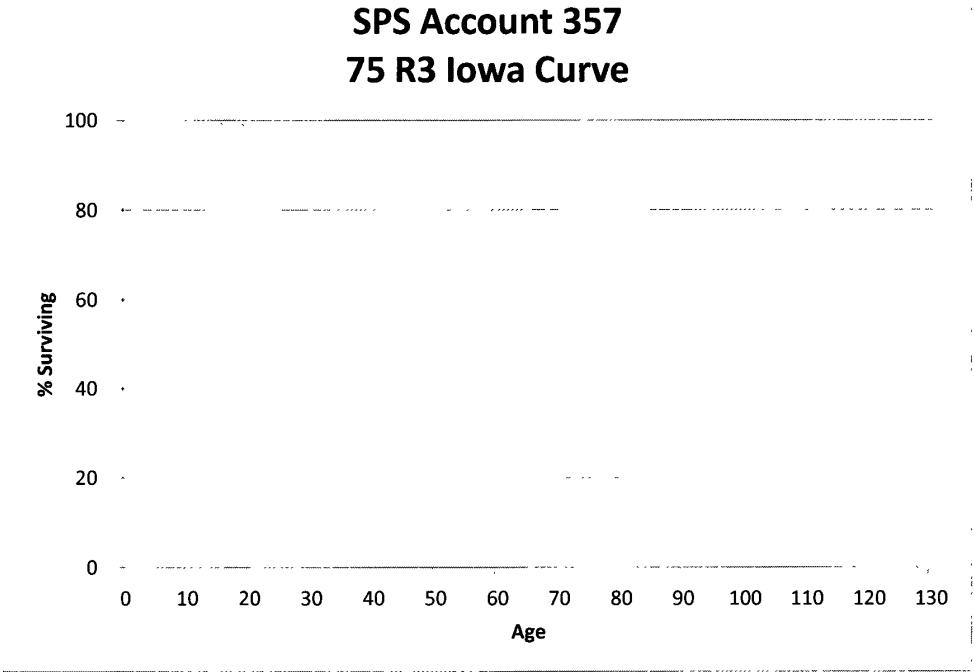
FERC Account 356 Transmission Overhead Conductor (50 R2)

This account consists of Transmission overhead conductors, which are used to transmit electricity at voltages of 69 kV and above. The account balance for this account at December 31, 2018 is \$446.0 million. The rates approved in Docket No. 43695 established a life of 47 years with the R2 dispersion. SPS did not use dampers until the late 1980s. SPS personnel found that wires were not lasting as long without dampers because of shattering at insulators, and even though dampers are now installed on all overhead conductors, they expect to continue seeing residual effects of not using dampers for many years, which results in a shorter service life for the assets still in this account. SPS will replace the wire in many instances when moving from single to double circuit conductor line, and more opportunities are occurring to upgrade lines. SPS would expect a slightly shorter life for conductor than poles. Based on the actuarial analysis, the life indication is moving longer. Based on more recent experience bands and input from SPS personnel, this study recommends a slight increase to a 50 year life while retaining the R2 dispersion for this account.



FERC Account 357 Transmission Underground Conduit (75 R3)

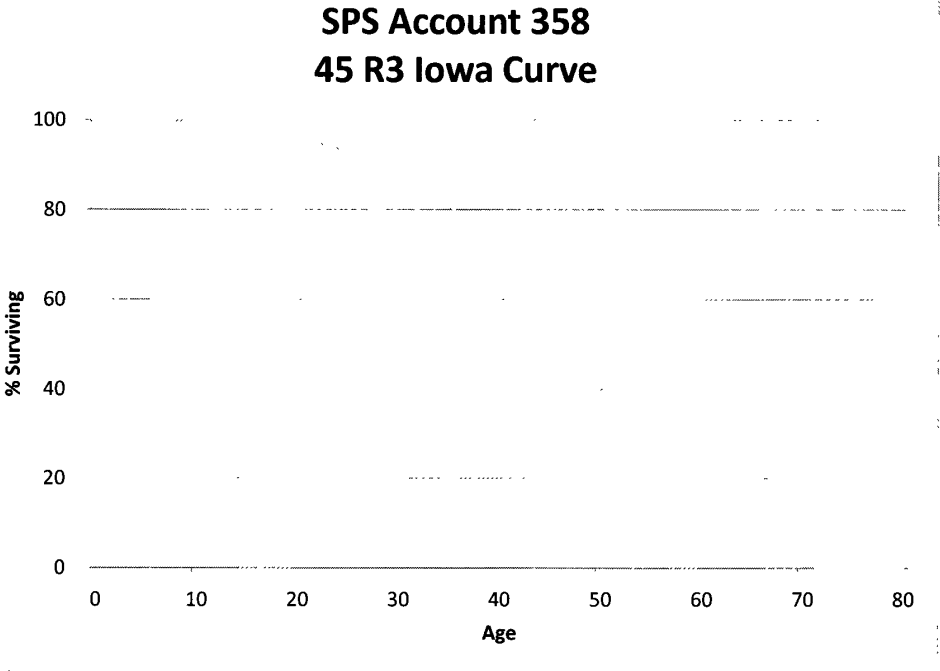
This account consists of underground conduit used with two underground transmission lines in Amarillo. The account balance for this account at December 31, 2018 is \$273 thousand. There has been little retirement activity⁶ over the study period as shown in Appendix E-2, rendering both actuarial and SPR analysis of no aid in examining the life characteristic. The rates approved In Docket No. 43695 established a life of 75 years with the R3 dispersion through judgment. This study recommends retaining the 75 R3 for this account. A representative curve shape is shown below.



⁶ Retirement history is 0.003% of the 2018 plant balance.
34

FERC Account 358 Transmission Underground Conductor (45 R3)

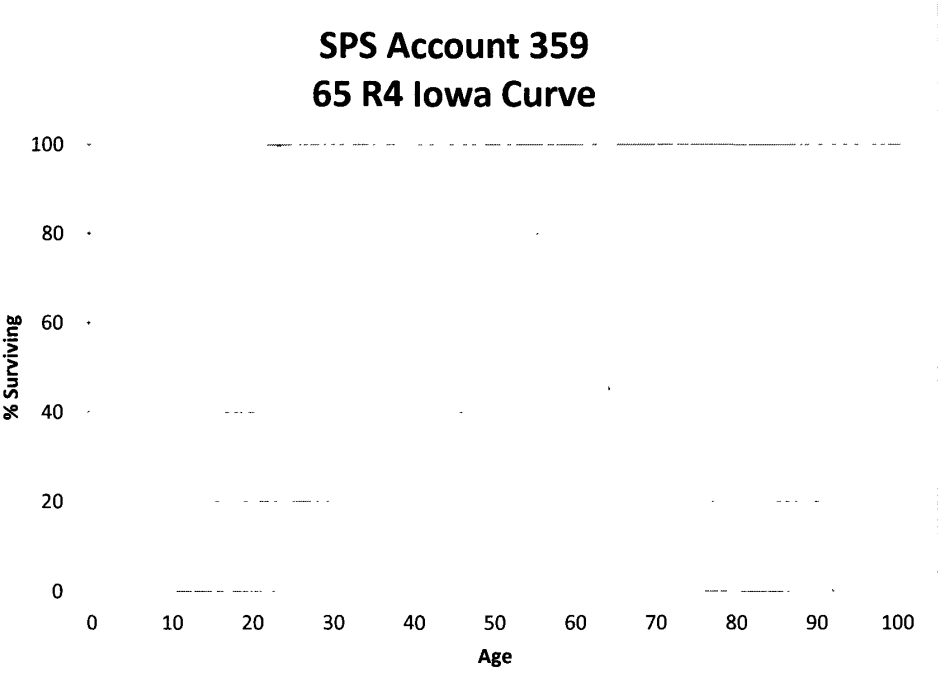
This account consists of underground conductor used in two underground transmission lines in Amarillo. The account balance for this account at December 31, 2018 is \$490 thousand. The lines are low pressure, oil filled, paper wrapped 500 MCM copper cable. The rates approved in Docket No. 43695 established a life of 45 years with an R3 dispersion. There has been little retirement activity⁷ over the study period, rendering both actuarial and SPR analysis of no aid in examining life characteristic. This study recommends retaining the 45 R3 for this account. This study recommends retaining the 45 R3 for this account. A representative curve shape is shown below.



⁷ Retirement history is 2.340% of the 2018 plant balance.
35

FERC Account 359 Roads and Trails (65 R4)

This account consists of roads and trails across the Transmission system. The account balance for this account at December 31, 2018 is \$518 thousand. The rates approved in Docket No. 43695 did not have a life for this account. As a proxy the Company used the life for Account 352, Transmission Structures and Improvements, 65 years, with the R4 dispersion, because this account is expected to have a similar life as Account 359, Roads and Trails. There has been no retirement activity over the study period, rendering both actuarial and SPR analysis of no aid in examining the life characteristic. This study recommends retaining the 65 R4 for this account. This study recommends retaining the 65 R4 for this account. A representative curve shape is shown below.

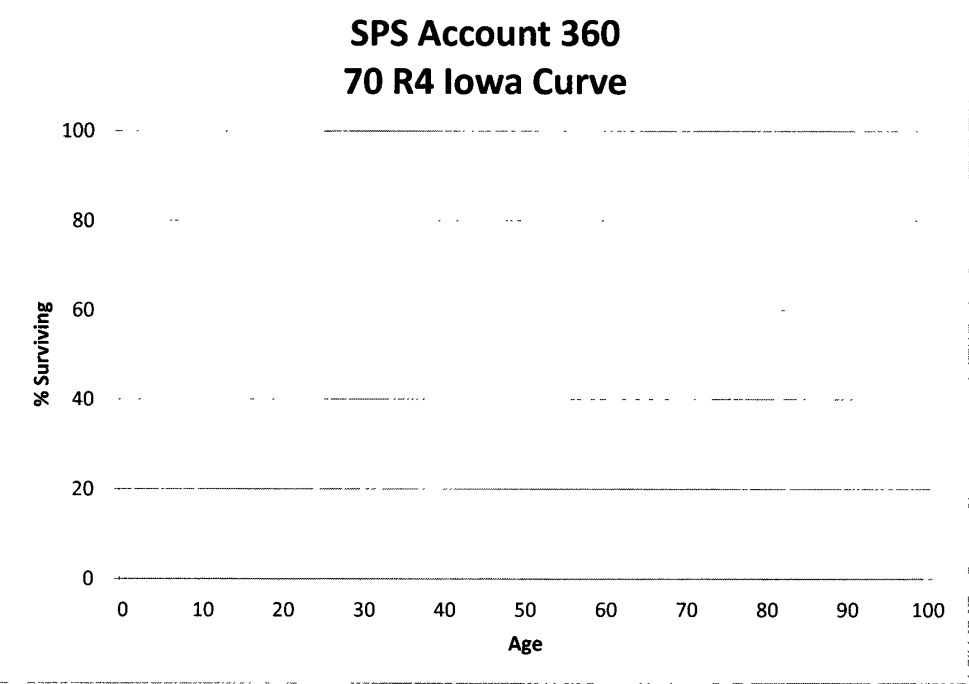


Distribution Accounts, FERC Accounts 360-373

SPS has a wide service territory across two states. There are significant Distribution assets in substation equipment, poles, overhead conductor, services, line transformers, meters, and street lighting. For mass Distribution accounts, FERC Accounts 364 through 373, only unaged data is available. Life and net salvage for Distribution plant included total company assets. To compute depreciation rates for this study, Texas only plant balances and depreciation reserves were used.

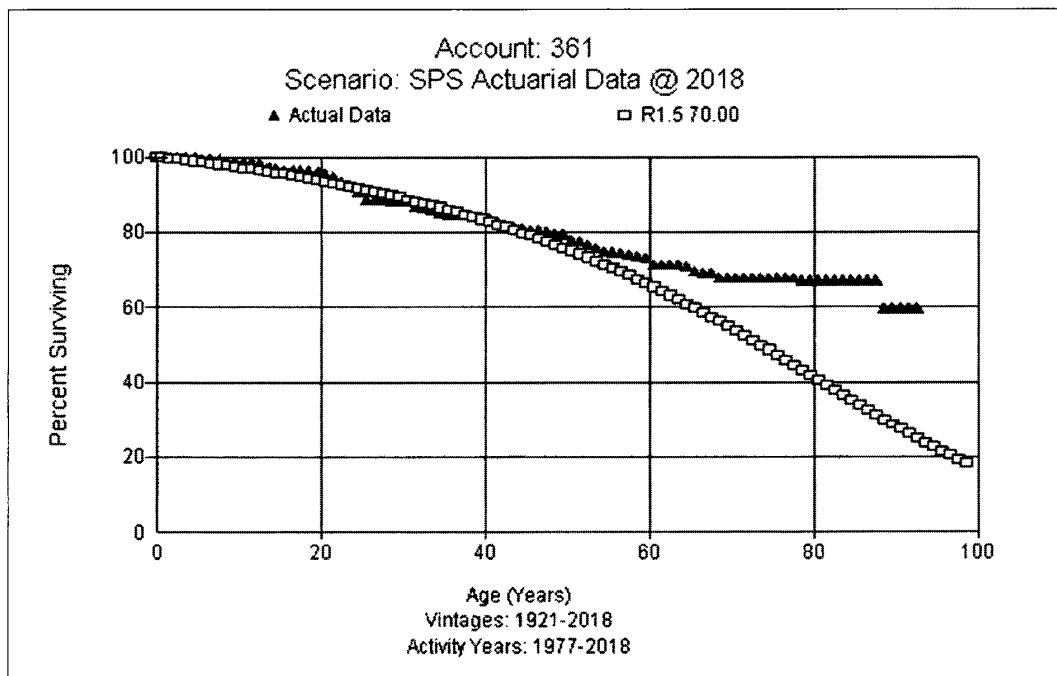
FERC Account 360 Distribution Depreciable Land Rights (70 R4)

This account consists of land rights and easements associated with Distribution property or Distribution substations. The total company plant balance for this account at December 31, 2018 is \$9.6 million. The plant balance for this account in Texas is \$2.7 million. There was no retirement activity per Appendix E-2, which did not produce sufficient data for an actuarial or SPR analysis. The rates approved in Docket No. 43695 established a life of 70 years with the R4 dispersion. Similar to Account 350, the life for depreciable land rights is dependent upon the plant assets that rest on the land rights. Accordingly, the land rights should exhibit a life consistent with the longest life for any Distribution Plant account, which is 70 years. This study recommends retaining the 70-year life with a R4 dispersion for this account. A representative curve shape is shown below.



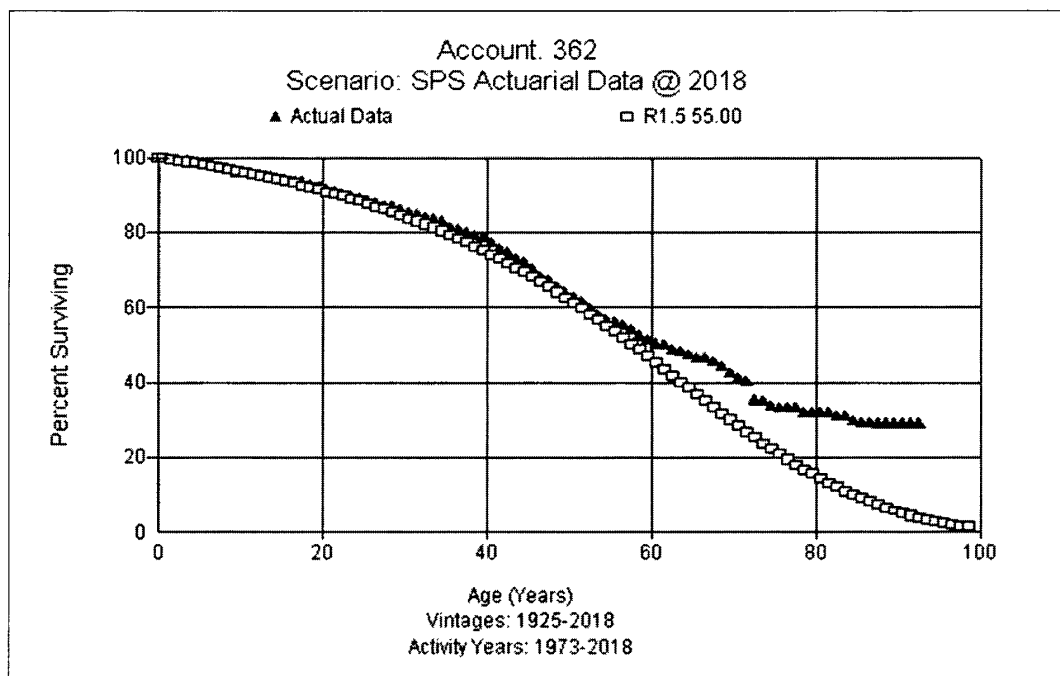
FERC Account 361 Distribution Structures and Improvements (70 R1.5)

This grouping contains fencing and other structures at a distribution substation. The total company plant balance for this account at December 31, 2018 is \$26.7 million. The plant balance for this account in Texas is \$14.4 million. The rates approved in Docket No. 43695 established a life of 60 years with the R1.5 dispersion. New standards are in place and are used for new substations but will also meet new standards on substantial redesign of an existing substation. Based on visual matching and the mix of assets in this account, the study recommends moving to a 70 year life and retaining the R1.5 dispersion for this account.



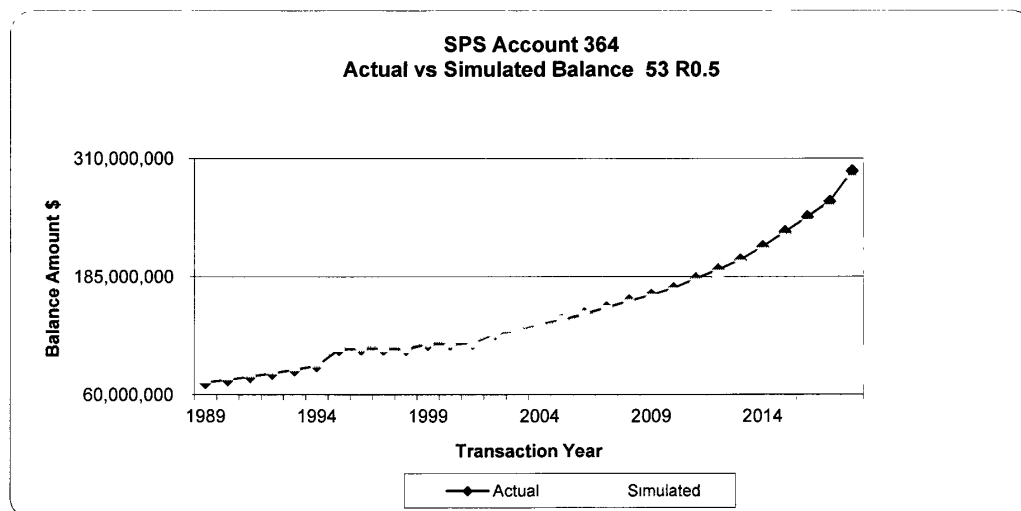
FERC Account 362 Distribution Substations (55 R1.5)

This grouping contains a wide variety of distribution substation equipment, from circuit breakers to switchgear and transformers. The total company plant balance for this account at December 31, 2018 is \$286.8 million. The plant balance for this account in Texas is \$170.2 million. The rates approved in Docket No. 43695 established a life of 55 years with the R1.5 dispersion. SPS personnel estimate the following lives, used for planning purposes, for components in this account: 50 years for transformers; 65 for breakers; 50 for regulators; and 30 years for electromechanical relays. Primary reasons for replacement are: failure, testing indicating elevated risk of failure, capacity increases (especially for circuit breakers), obsolescence, safety hazard related to catastrophic failure mode (and risk is increasing), and proactive replacements of aging assets. Based on visual matching and input from SPS personnel, the 55 R1.5 is retained for this account.



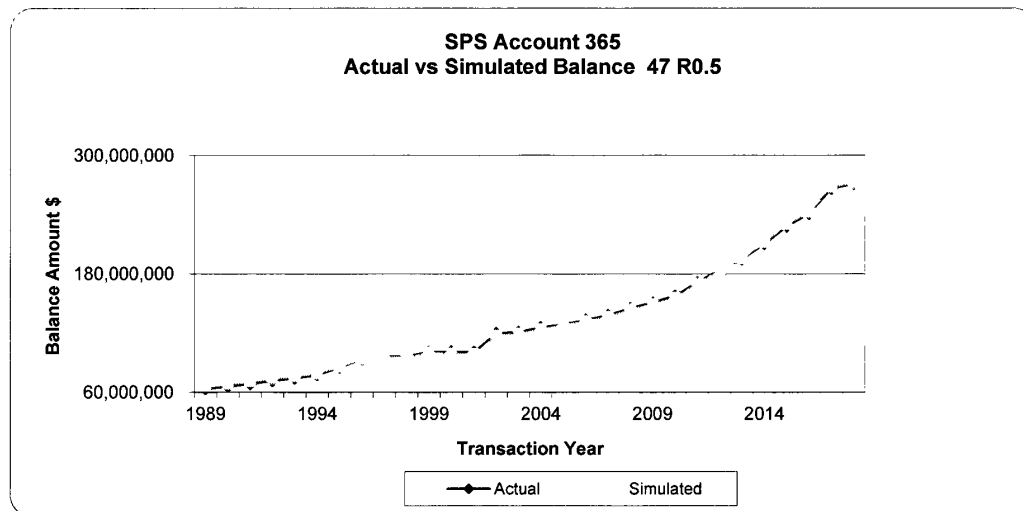
FERC Account 364 Distribution Poles, Towers, and Fixtures (53 R0.5)

This account contains poles and towers of various material types: wood, concrete, and steel. The total company plant balance for this account at December 31, 2018 is \$296.9 million. The plant balance for this account in Texas is \$200.6 million. Most of the poles are made of wood but there are a few steel and concrete poles in highly specialized situations. The height ranges from 30 feet to 60 feet with 40 feet and 45 feet are most prevalent. The rates approved in Docket No. 43695 established a life for this account of 53 years with the R0.5 dispersion. SPS has a pole testing program which began in 2007-2008. The goal is to test 10% of SPS's poles per year. Poles were given the following ratings in the past: P1 (replace within 90 days), P2 (replace within one year), and P3 (replace within 3 years or sleeve/band). However, they have now accelerated replacement of poles by replacing all P1, P2, and P3 poles when inspected, and that higher level is expected to continue. Capital spending has increased due to pole replacements. Accidents, general construction, storms, fires, relocations, and conversions from overhead to underground are all drivers of retirement. After reviewing SPR results and considering input from SPS personnel, this study recommends retention of a 53 year life and the R0.5 dispersion for this account. A plot of the actual versus simulated balances is shown below.



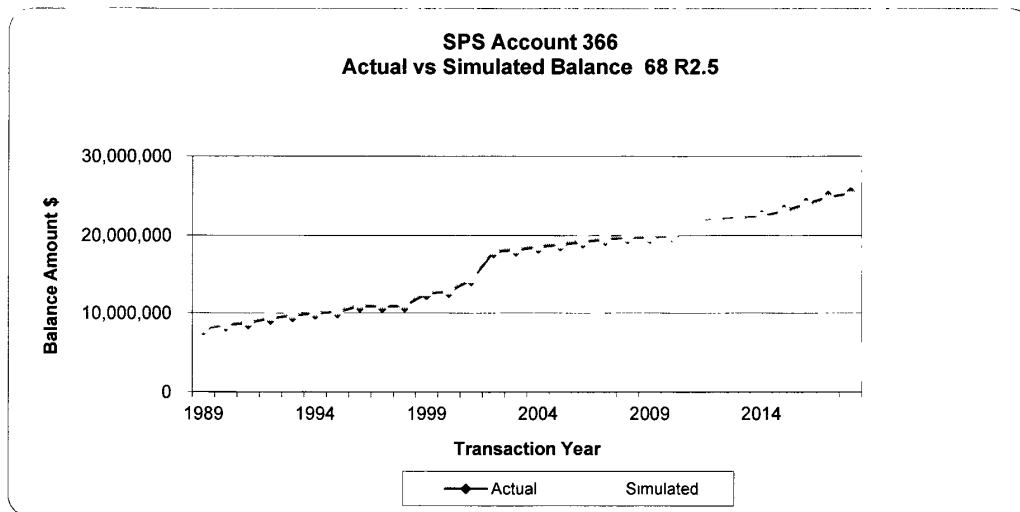
FERC Account 365 Distribution Overhead Conductor (47 R0.5)

This account consists of overhead conductor of various thickness, as well as various switches and reclosers. The total company plant balance for this account at December 31, 2018 is \$271.3 million. The plant balance for this account in Texas is \$169.5 million. The rates approved in Docket No. 43695 established a life of 47 years with the R0.5 dispersion. Upgrades, reconductoring, and storms are the largest causes of retirement. Even with the impacts of storms, SPS will replace poles and lift existing conductor back on new poles so that the assets in this account can be reused instead of retired when possible. Some smaller conductor is deteriorating at 35-40 years. Company personnel report that there have been a number of reconductoring projects in recent years that could be affecting the life of conductor. One of the biggest drivers of replacement is the number of splices in the conductor. CIs were low for all except the shortest bands. A low mode dispersion is reflected across all bands. After reviewing SPR results and considering input from SPS personnel, this study recommends retaining the existing 47 year life and R0.5 dispersion for this account. A plot of the actual versus simulated balances is shown below.



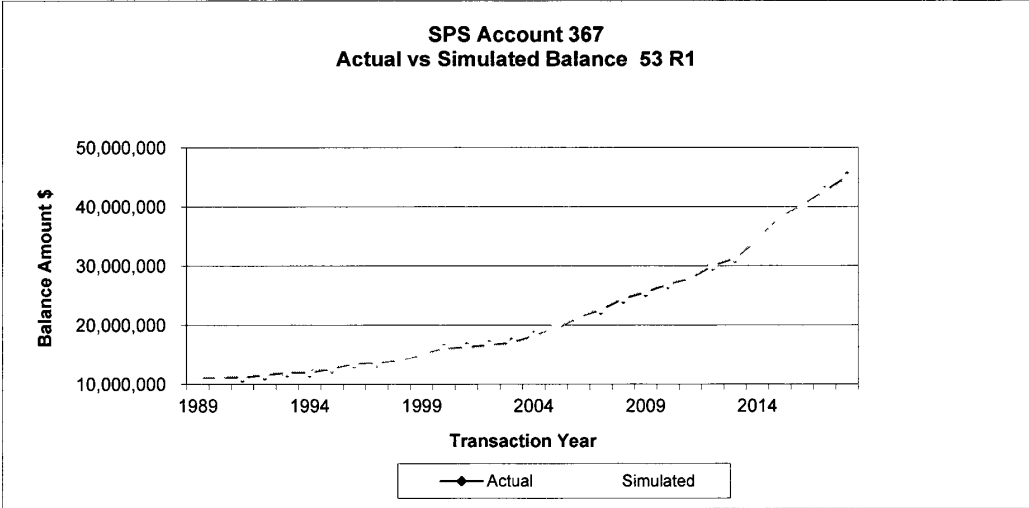
FERC Account 366 Distribution Underground Conduit (68 R2.5)

This account consists of Distribution conduit, duct banks, vaults, manholes, and ventilating system equipment. The total company plant balance for this account at December 31, 2018 is \$25.3 million. The plant balance for this account in Texas is \$19.1 million. The rates approved in Docket No. 43695 established a life for this account of 60 years with the R2.5 dispersion. SPS uses a cable and conduit system. Forces of retirement are age, relocations, and accidents (including dig-ins) at above ground equipment. Generally, SPS will bury assets 55 to 59 inches deep. For underground assets in this account, SPS does not generally splice cable and will always (except in extreme emergency situations) pull new cable when there is a failure or cut. Conduit replacements would be primarily driven by replacing 1 ¼" conduit when such conduit is too small to re-pull cable through. High ranking curves have unacceptable REIs and the lives are outside of a reasonable range for this account. The R2.5 dispersion has a good to excellent REI and a CI in the good range. The various bands show the life increasing to the 67 or 68 year range. This study recommends moving from a 58 year life to a 68 year and retaining the R2.5 dispersion for this account. A plot of the actual versus simulated balances is shown below.



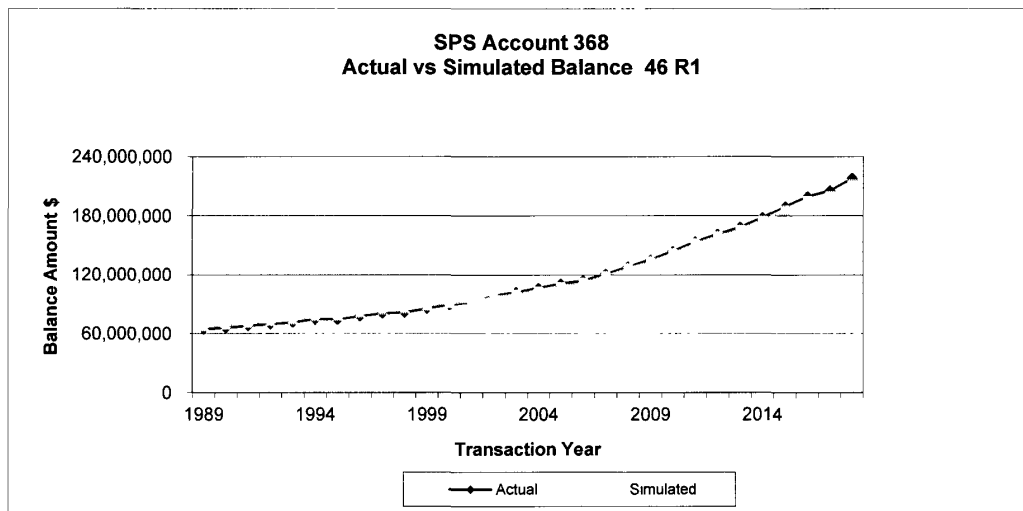
FERC Account 367 Distribution Underground Conductor (53 R1)

This account consists of Distribution conductor, switches, and switchgear. The total company plant balance for this account at December 31, 2018 is \$45.1 million. The plant balance for this account in Texas is \$34.1 million. The rates approved in Docket No. 43695 established a life for this account of 47 years with the R1.5 dispersion. As discussed in Account 366, the primary forces of retirement are age, relocations, and accidents (including dig-ins) at above ground equipment. Sometimes, when upgrading pad mount transformers, SPS may have to replace cable. Conduit replacements would be primarily driven by replacing 1 ¼" conduit when such conduit is too small to re-pull cable through. The R1 dispersion has one of the best rankings with an excellent REI. This study recommends moving to a 53 year life and changing the dispersion slightly from the R1.5 to R1 for this account. A plot of the actual versus simulated balances is shown below.



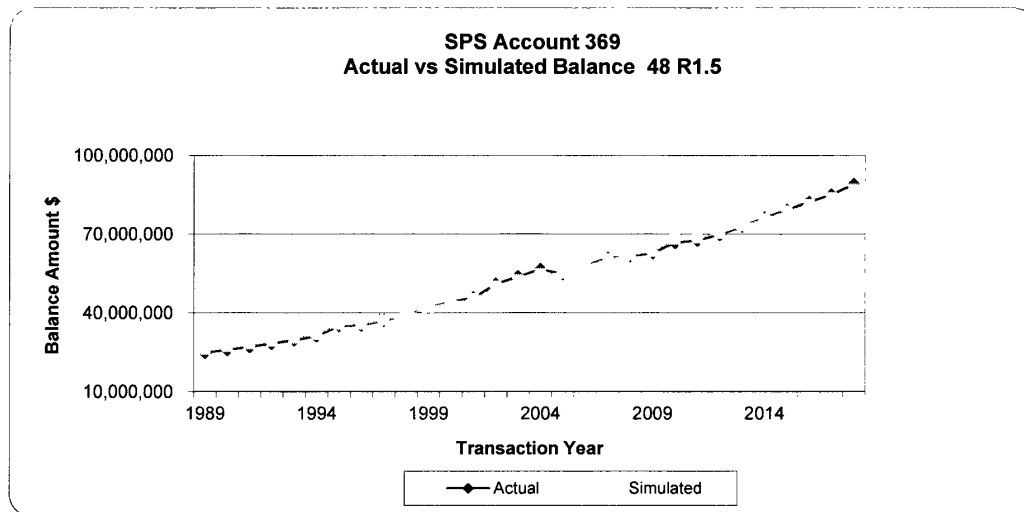
FERC Account 368 Distribution Line Transformer (46 R1)

This account consists of line transformers, regulators, and capacitors. The total company plant balance for this account at December 31, 2018 is \$218.3 million. The plant balance for this account in Texas is \$148.6 million. The rates approved in Docket No. 43695 established a life for this account of 45 years with the R1 dispersion. SPS has a number of live front pad mount transformers, which they will replace with dead front if the transformer is replaced for other reasons. The split between overhead and pad mount transformers is 85% and 15%, respectively. Lightning and heat are big drivers for overhead replacements. Replacements of pad mounts are driven more by growth (capacity needs) or faults, and they also have more rust issues due to their susceptibility to watering and chemicals. These transformers are not repaired but are retired. Company experts expect in time that the life will start shortening due to the less robust quality of the newer transformers and/or if they move away from a run to failure process. SPS personnel expect to see a shorter life than in the past due to the discontinuation of the repair process and the quality of the materials now used. Since these changes are recent and not fully implemented yet, there is no sign in the historical data of a shorter life. Giving consideration to all the information, this study recommends moving the life from the approved 45 years to 46 years and retaining the R1 dispersion for this account. A plot of the actual versus simulated balances is shown below.



FERC Account 369 Distribution Services (48 R1.5)

This account includes all Distribution services, both overhead and underground. The total company plant balance for this account at December 31, 2018 is \$89.0 million. The plant balance for this account in Texas is \$60.1 million. The rates approved in Docket No. 43695 established a life for this account of 47 years with the R1.5 dispersion. Services are split between 40% underground and 60% overhead. Most new services are underground, so the percentage will continue to change over time. Life of overhead services is impacted by vegetation, insulation failure, and load growth. Underground life would be impacted by dig-ins and age of cable. SPS personnel expect the life to be around the same as overhead conductor. The best ranked and fits show a slight increase from the existing life, but this still supports Company expectations. All bands except the very youngest exhibited low CIs. Based on the life analysis and information provided by SPS experts, this study recommends moving to a 48 year life with a R1.5 dispersion for this account. A plot of the actual versus simulated balances is shown below.

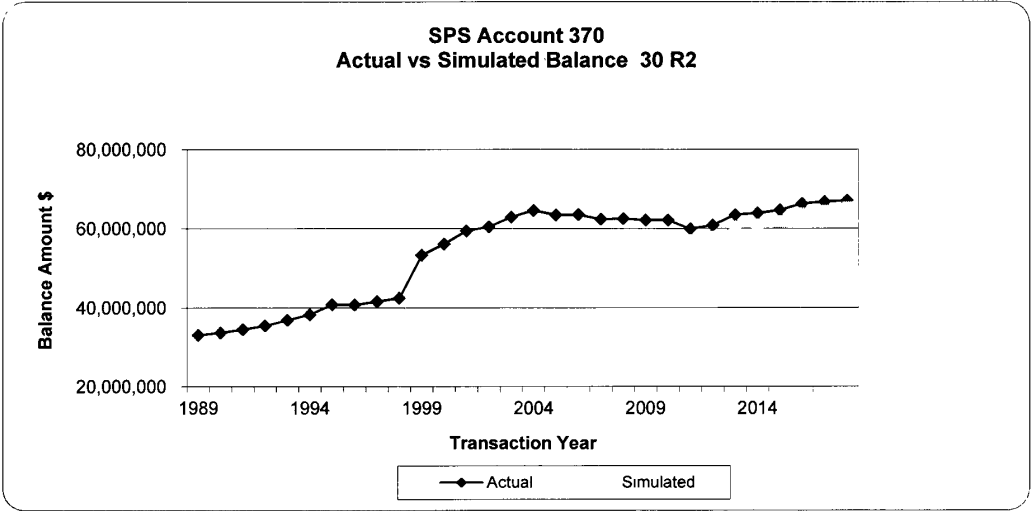


FERC Account 370 Distribution Meters (30 R2)

This account includes all Distribution meters. The total company plant balance for this account at December 31, 2018 is \$67.1 million. The plant balance for this account in Texas is \$41.0 million. The rates approved in Docket No. 43695 established a life for this account of 39 years with the R2 dispersion. Company experts expect the life of meters to drop because SPS is moving from electromechanical to electronic meters with digital display, also known as digital meters. At present there are between 60% and 65% electromechanical meters, which range in age from 13 to 60 years old. The life of residential digital meters is expected to be shorter than electromechanical meters, with indications as low as 20 years based on manufacturer expectations of battery life. Company experts have seen some digital meters failing at an age under 10 years due to the displays failing. The life of an electromechanical meter is around 40 years or more, absent the forces of technology. SPS has not moved to advanced metering but are moving to digital through attrition. Commercial digital meters follow the same 15-20 year life as residential digital meters. Oil field and irrigation meters were changed to demand meters in 2006-07, with about 12K meters out of a population of over 380K being changed at that time, and another 12K in 2013 due to issues with failing meters in the field. The Company performs random tests of its meters wherein if the old meter is electromechanical, it will replace the old meter with a digital meter. Digital meters will be reused if they pass the testing criteria. In addition, SPS no longer repairs electromechanical meter. It replaces them with digital meters instead. Accordingly, while the majority of meters are still electromechanical, SPS has been installing digital meters for the last 10-15 years and will continue to do so going forward. In addition, Company personnel believe the life of the meter account should be going down.

The historical analysis is not yet reflecting the life of the digital meters. While the REIs are all excellent, the CIs are poor, even in the shorter 30 and 20-year bands. The top ranked curves, in the fuller bands (30 years and longer), are low but have poor CIs. Company personnel recommend a life in the 30-year range as a step toward the future expectations as the Company continues the transition to digital meters. Based on the current asset make-up for this account, with a greater percentage of electromechanical

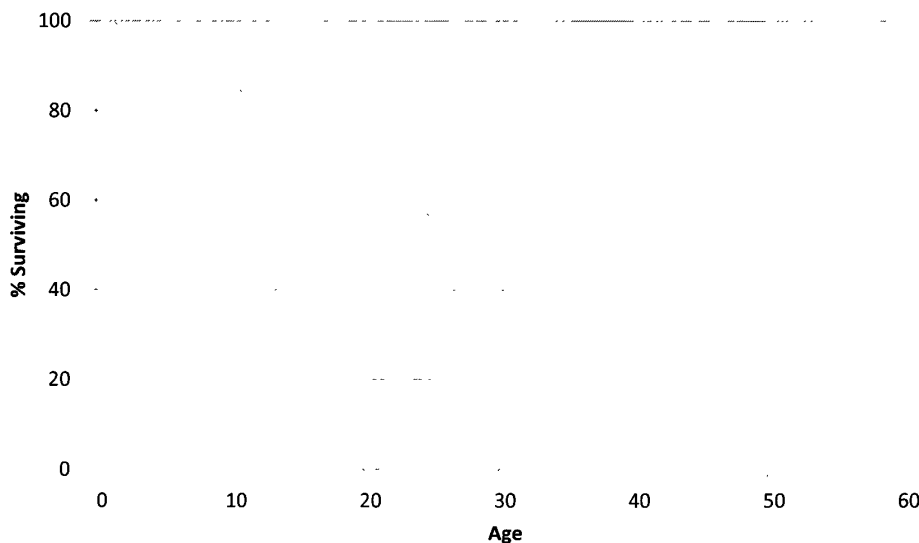
meters, this study recommends a decrease from a 40 year life to a 30 year life and retaining the R2 dispersion for this account. In the next depreciation study, this account will be reexamined as the move to digital meters continues. A plot of the actual versus simulated balances is shown below.



FERC Account 371 Installation on Customer Premises (Guard Lights) (26 R0.5)

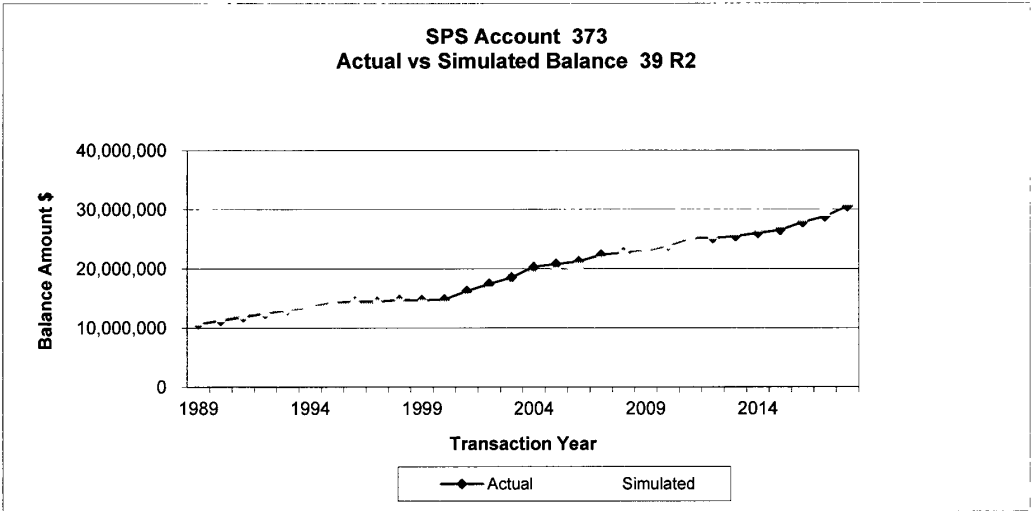
This account consists of guard lights and guard light standards. The total company plant balance for this account at December 31, 2018 is \$0. The plant balance for this account in Texas is \$0. The rates approved in Docket No. 43695 established a life for this account of 26 years with the R0.5 dispersion. In 2018 the Company had retired or transferred the majority of assets in this account in error. In June 2019 the retirements and transfers were reversed. Since the historic data is distorted by the large retirement in 2018, no life analysis was relied upon to estimate the life for this account. This Study recommends retaining the 26 year life with a R0.5 dispersion. A representative curve shape is shown below.

**SPS Account 371
26 R0.5 Iowa Curve**



FERC Account 373 Distribution Street Lighting (39 R2)

This account includes all Distribution streetlights, conductor, conduit, luminaire, and standards. The total company plant balance for this account at December 31, 2018 is \$30.6 million. The plant balance for this account in Texas is \$17.5 million. The rates approved in Docket No. 43695 established a life for this account of 40 years with the R2 dispersion. The Company has an ongoing LED replacement program. All outages are replaced with an LED light. Over the next 6-9 years, they will replace all previous lamp styles with LED. This will accelerate the retirement of the existing heads. Company experts anticipate the LED fixture to last 12-20 years. The overall life of the account is expected to decrease. All CIs in bands longer than the current average service life are poor, so SPR results do not give a good indication of the future. To begin the move towards rates that reflect the technology replacements, this Study recommends a very slight decrease from 40 to 39 years and retaining the R2 dispersion. A plot of the actual versus simulated balances is shown below.



Intangible and General Plant

General Intangible Plant Accounts, FERC Accounts 303

FERC Account 303 Miscellaneous Computer Software – 3 SQ

This account consists of miscellaneous computer software. There is approximately \$2.0 million in this account. Assets in this account include work station operating systems. The approved life of 3 years from Docket No. 43695 should be retained and a dispersion curve of SQ is recommended.

FERC Account 303 Miscellaneous Computer Software – 5 SQ

This account consists of miscellaneous computer software. There is approximately \$101.0 million in this account. Assets in this group include all other base systems. The approved life of 5 years from Docket No. 43695 should be retained and a dispersion curve of SQ is recommended.

FERC Account 303 Miscellaneous Computer Software – 7 SQ

This account consists of miscellaneous computer software. There are currently no assets in this account. Assets in this group might be used to support base systems. The approved life of 7 years from Docket No. 43695 should be retained and a dispersion curve of SQ is recommended.

FERC Account 303 Miscellaneous Computer Software – 10 SQ

This account consists of miscellaneous computer software. There is approximately \$7.7 million in this account. Assets in this group include large base computer software systems, such as the billing system. The approved life of 10 years from Docket No. 43695 should be retained and a dispersion curve of SQ is recommended.

FERC Account 303 Miscellaneous Computer Software – 15 SQ

This account consists of miscellaneous computer software. There is approximately \$70.6 million in this account. Assets in this group are large backbone

systems such as the general ledger and Work Asset Management ("WAM"). The approved life of 15 years from Docket No. 45524 should be retained and a dispersion curve of SQ is recommended.

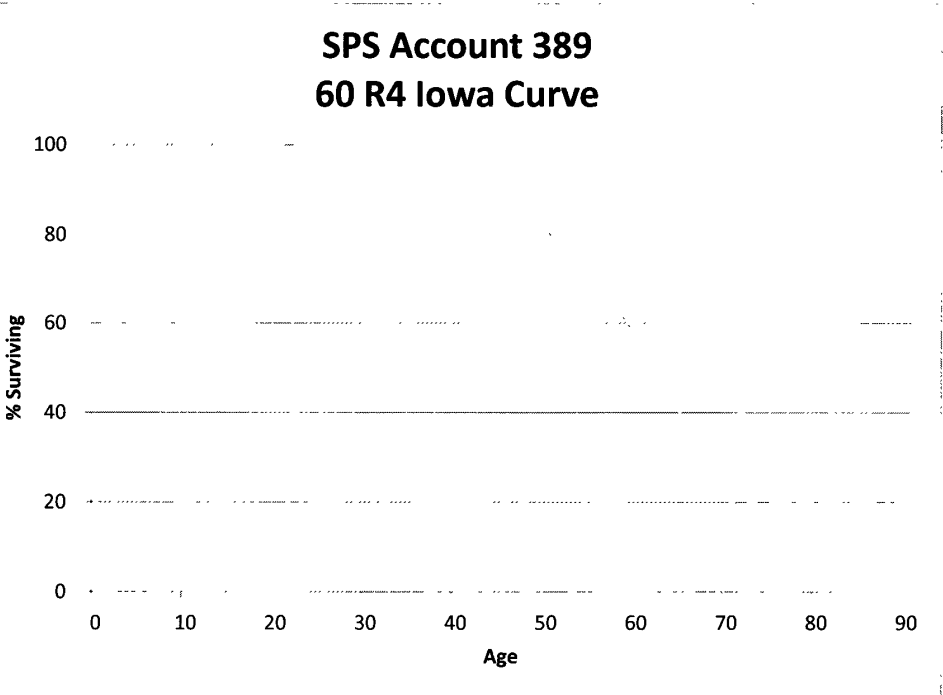
General Property Plant, FERC Accounts 389-398

For general plant accounts 389-390, SPS proposes to continue using actuarial or semi-actuarial analysis. For all other General Property plant accounts (391-398), SPS proposes to continue the use of Accounting Release Number 15 ("AR-15"), which is a vintage year accounting method approved by the FERC, *Vintage Year Accounting For General Plant Accounts*, dated January 1, 1997. AR-15 allowed utilities to use a simplified method of accounting for general plant assets, excluding structures and improvements (referred to as "general plant"). The AR-15 release allowed high volume, low cost assets to be amortized over their associated useful life, eliminated the need to track individual assets, and allowed a retirement to be booked at the end of the depreciable life. This method is often referred to as "amortization of general plant." The plant asset balances are maintained by vintage installed with the retirement being recorded when book depreciation has been completed. The empirical retirement data for actuarial or semi-actuarial analysis will no longer be reliable, but the determination of useful life can be made appropriately with the use of market forces, manufacturer expected life, technological obsolescence, business planning, known causes of retirement, and changes in expected future utilization.

The depreciation calculation uses a useful life applied to a vintage versus the entire account. The depreciation recovery is complete when the vintage accumulated depreciation is equal to the vintage plant adjusted for estimated salvage and removal costs.

FERC Account 389 General Plant Depreciable Land Rights (60 R4)

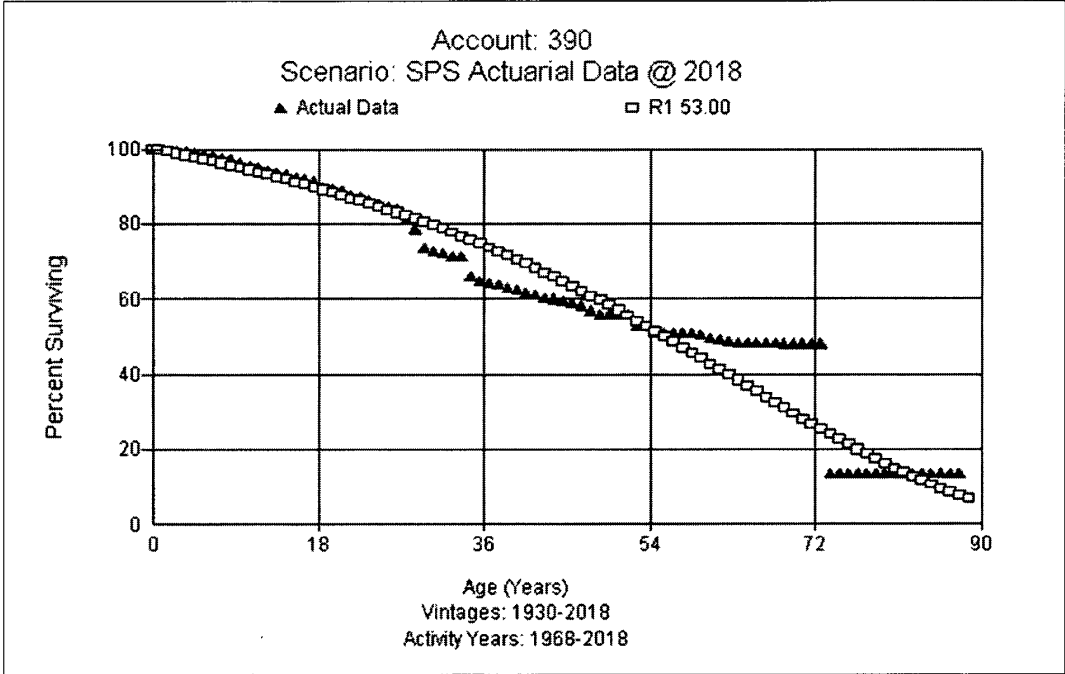
This account consists of land rights and easements associated with general property or general structures and improvements. The plant balance for this account at December 31, 2018 is \$46 thousand. The rates approved in Docket No. 43695 established a life of 50 years with the R4 dispersion. In many cases, the lives of individual land rights are tied to the structures that rest on them. Since the proposed life for Account 390, Structures and Improvements, is 60 years, a change in life for this account is recommended. Therefore, moving to a 60 R4 is recommended. A representative curve shape is shown below.



FERC Account 390 General Structures and Improvements (53 R1)

This account consists of general structures and improvements for buildings, including roofing, plumbing, and air conditioning systems. The plant balance for this account at December 31, 2018 is \$68.7 million. The rates approved in Docket No. 43695 established a life of 48 years with the R1 dispersion. Buildings across the SPS system were built at varying times. For example, the building at the Clovis Service Center was built in the 1980s and renovated in 2016. Major installations occurred in the Carlsbad Service Center in 2014 and the Canyon Service Center was in-serviced 2019. The Company plans to renovate approximately every 20 years (*i.e.*, remodel fully within the shell if not renovated for a much longer period - the renovation would be much less if the 20 year cycle is followed) although a number have not been touched for much longer. Although the goal is 20 years, small repairs and replacements (carpet, mechanical equipment, roofs due to weather) allow the cycle may be closer to 30 or 40 years for many buildings based on prior experience. Subject matter experts note that smaller repairs and replacement of items such as carpet mechanical equipment or roofs due to weather allow SPS to push complete renovations to 30 to 40 years. SPS personnel provided estimates of various building components: large generators at 20 to 30 years, small generators at 5-10 years, roofs at 15-20 years, HVAC systems (which would include boilers, cooling towers, chillers, etc.) at 20 years, big chillers at 30 years, parking lots at 15-20 years, UPS and batteries at 5 to 6 years, fire protection life and safety at 10-15 years, and flooring at 15 years. Other retrofit equipment might be overhead doors at a transportation facility or lighting systems. SPS reviews its office assets at each 20 year refresh cycle.

Actuarial analysis shows a 53 year life with the R1 dispersion to be one of the best matches. This study recommends moving to a 53 year life and retaining the R1 dispersion for this account.



GENERAL PLANT AMORTIZED ACCOUNTS

FERC Account 391 Office Furniture and Equipment (20 SQ)

This account consists of miscellaneous office furniture such as desks, chairs, filing cabinets, and tables used for general utility service. There is approximately \$16.6 million in this account, and after retirement of fully accrued assets the plant balance at December 31, 2018 is \$15.8 million. The rates approved in Docket No. 43695 established a life of 25 years with the SQ dispersion. After reviewing the type of assets in this account, this study recommends moving to 20 year life with an SQ dispersion.

FERC Account 391.004 Computer Equipment (5 SQ)

This account consists of network computer equipment used for general utility service. There is approximately \$68.9 million in this account, and after retirement of fully accrued assets the plant balance at December 31, 2018 is \$62.9 million. The rates approved in Docket No. 43695 established a life of 5 years with the SQ dispersion. SPS personnel provided the current replacement cycle used for assets in this account: servers 4 years, storage devices 5 years, printers 6 years, laptop computers 4 years, and desktop computers 5 years. Based on the information provided by Company experts and the current mix of the assets in the account, the study recommends retention of the current life of 5 years with an SQ dispersion.

FERC Account 392.01 Transportation Equipment – Autos (10 SQ)

This account consists of automobiles. There is approximately \$3.3 million in this account at December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will be \$3.2 million. The rates approved in Docket No. 43695 established a life of 10 years with the SQ dispersion. SPS historical life data combines all transportation equipment together until 2014. Thus there is insufficient history to perform life analysis on each sub-account. Information from SPS fleet personnel was used to estimate the life of each sub-account. Historically, they replaced automobiles approximately every 7-10 years. The current financial plan for automobiles is 9 years. However, it will take several years to make that target. SPS Fleet personnel were integral in establishing the 10 SQ

recommendation for this account.

FERC Account 392.02 Transportation Equipment – Light Trucks (10 SQ)

This account consists of light trucks. There is approximately \$43.6 million in this account at December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will be \$34.6 million. The rates approved in Docket No. 43695 established a life of 10 years with the SQ dispersion. SPS historical life data combines all transportation equipment together until 2014. Thus there is insufficient history to perform life analysis on each sub-account. Information from SPS fleet personnel was used to estimate the life of each sub-account. There are several different types of vehicles within this group. True light trucks (such as ½ ton pickups) have a 7 year life goal. Small SUVs have a 12 year replacement cycle target, but are not a large component of this account. The larger ¾ ton truck has a 7 year replacement cycle goal. 1 ton trucks (with additional equipment) have an 11 year target. The fleet strategy will take several years to fully implement. All also have a mileage component that can shorten the life somewhat. Information from SPS Fleet personnel was integral in establishing the recommendation for this account. This study recommends the 10 SQ.

FERC Account 392.03 Transportation Equipment - Trailers (15 SQ)

This account consists of trailers. There is approximately \$8.4 million in this account at December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will be \$7.5 million. The rates approved in Docket No. 43695 established a life of 15 years with the SQ dispersion. SPS historical life data combines all transportation equipment together until 2014. Thus there is insufficient history to perform life analysis on each sub-account. Information from SPS fleet personnel was used to estimate the life of each sub-account. The Company plans to replace at 15 years. Information from SPS Fleet personnel was used to establish the recommendation for this account. This study recommends retention of a 15 year life with a SQ dispersion.

FERC Account 392.04 Transportation Equipment – Heavy Trucks (12 SQ)

This account consists of heavy trucks. There is approximately \$57.2 million in this account at December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will be \$42.6 million. The rates approved in Docket No. 43695 established a life of 12 years with the SQ dispersion. SPS historical life data combines all transportation equipment together until 2014. Thus there is insufficient history to perform life analysis on each sub-account. Information from SPS fleet personnel was used to estimate the life of each sub-account. For planning purposes, the Company is using a 12 to 14 year target based on the type of truck. Digging units are more expensive but not high mileage and are generally retired due to time, although there is a mileage component of 100k miles. Bucket trucks are generally run for around 12 years, but can frequently be retired earlier due to mileage requirement of 180K miles. Information from SPS Fleet personnel was used to establish the recommendation for this account. This study recommends retention of a 12 year life with a SQ dispersion.

FERC Account 393 Stores Equipment (35 SQ)

This account consists of stores equipment used for general utility service. There is approximately \$431 thousand in this account. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will be approximately \$364 thousand at December 31, 2018. The rates approved in Docket No. 43695 established a life of 35 years with the SQ dispersion curve. This study recommends retention of a 35 SQ.

FERC Account 394 Tools, Shop, and Garage Equipment (35 SQ)

This account consists of various items or tools used in shop and garages such as air compressors, grinders, mixers, hoists, and cranes. There is approximately \$44.0 million in this account at December 31, 2018. There are no AR-15 retirements due to assets exceeding their recommended life. The rates approved in Docket No. 43695 established a life of 35 years with an SQ dispersion curve. This study recommends retaining the 35 year life with an SQ dispersion.

FERC Account 395 Laboratory Equipment (25 SQ)

This account consists of laboratory equipment used in general utility service. There is approximately \$11.2 million in this account at December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will move to \$7.0 million. The rates approved in Docket No. 43695 established a life of 25 years with the SQ dispersion. This study recommends retention of the 25 year life and moving to the SQ dispersion.

FERC Account 396 Power Operated Equipment (15 SQ)

This account consists of power-operated equipment such as bulldozers, forklifts, pile drivers, and tractors. There is approximately \$14.8 million in this account at December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will be \$12.9 million. The rates approved in Docket No. 43695 established a life of 19 years with the SQ dispersion. Company personnel report that there are broad categories in this account. Some assets are planned for 8 years (skid steer, backyard units, etc.), 10 years (larger tractors, wheel loaders, etc.) and 15 years (fork lifts, etc.). Company personnel recommend shortening the life to 15 years, based on the longest sub-account life projection. This study recommends moving to a 15 year life with an SQ dispersion.

FERC Account 397 Communication Equipment (15 SQ)

This account consists of miscellaneous communication equipment used in general utility service. There is approximately \$118.5 million in this account at

December 31, 2018. However, after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will move to \$82.3 million. The rates approved in Docket No. 43695 established a life of 15 years with the SQ dispersion. There are various types of equipment with varying lives in this account. For example, the land mobile radio and microwave towers were recently upgraded to repair any weaknesses in the existing towers, which can last up to 40 years. Land Mobile Radio ("LMR") is being retired and/or upgraded this year due to technology change, which subject matter experts currently estimate around 15-20 years. Microwave equipment continues to be upgraded, starting in 2004 through the current year. Those upgrades were made to meet company needs such as band width, redundancy, or resilience. Subject Matter experts note that the upgrades do not extend the life of assets, but they provide cost effective private infrastructure. A 20 year life for the electronics is reasonable. Batteries have a 10 year normal life cycle, while back-up generators, switches, etc. may last 15- 20 years. Satellite dishes in remote areas that are a couple years old are being replaced by the vendor. Mobile radios in trucks are expected to last about 20 years. Inside fiber may last 15 years, and service centers at least 20 years. Equipment to "light" fiber is around 15 years. Private Branch Exchange ("PBX") (Avaya) are primarily Voice Over Internet Protocol ("VOIP"). Proprietary servers are replaced with upgrades at around 7 years. Gateways may last 15-20 years. Company subject matter experts anticipate that assets that are technology-driven are expected to last around 15 years. They note estimated lives for the following assets: load shedding equipment found in the microwave/LMR shelters is being replaced now at 15 years; and Supervisory Control and Data Acquisition ("SCADA") and electronics are expected to have a 10-15 year life cycle. Subject matter experts note that some risk exists that technology will force even faster replacement. Given the rapid change in technology in this area, a shorter life is reasonable. Based on feedback from SPS subject matter experts, a 15 SQ is recommended.

FERC Account 398 Miscellaneous Equipment (24 SQ)

This account consists of miscellaneous equipment used in general utility service. There is approximately \$2.8 million in this account at December 31, 2018. However,

after AR-15 retirements are made due to assets exceeding their recommended life, the balance in this account will move to \$2.3 million. The rates approved in Docket No. 43695 established a life of 24 years with the SQ dispersion. This account has a mix of assets with varying lives. The existing life is too long for the majority of the assets. This study recommends moving to a 24 year life and an SQ dispersion.

SALVAGE ANALYSIS

When a capital asset is retired, physically removed from service, and finally disposed of, terminal retirement is said to have occurred. The residual value of a terminal retirement is called gross salvage. Net salvage is the difference between the gross salvage (what the asset was sold for) and the removal cost (cost to remove and dispose of the asset).

Gross salvage and cost of removal related to retirements are recorded to the general ledger in the accumulated provision for depreciation at the time retirements occur within the system.

Net salvage data by plant account for Transmission, Distribution, and General Property plant is shown in Appendix E. Removal cost percentages are calculated by dividing the current cost of removal by the original installed cost of the asset. Some plant assets can experience significant negative removal cost percentages due to the timing of the addition versus the retirement. For example, a Transmission asset in FERC Account 355 with a current installed cost of \$500 (2019) would have had an installed cost of \$52.25⁸ in 1964. A removal cost of \$50 for the asset calculated (incorrectly) on current installed cost would only have a negative 10 percent removal cost ($\$50/\500). However, a correct removal cost calculation would show a negative 96 percent removal cost for that asset ($\$50/\52.25). Inflation from the time of installation of the asset until the time of its removal must be taken into account in the calculation of the removal cost percentage because the depreciation rate, which includes the removal cost percentage, will be applied to the original installed cost of assets.

⁸ Using the Handy-Whitman Bulletin No. 188, E-5, line 36, $\$52.25 = \$500 \times 58/555$.

Salvage - Steam Production and Other Production Property

The concept behind the net salvage cost component of depreciation rates for power plants is different from that of Transmission or Distribution assets. Power plants are discrete units that will need to be dismantled after the end of their useful lives. Because of this, instead of statistically analyzing the historical cost for salvaging and removing assets with rolling and shrinking bands, engineering studies are conducted to determine the cost to dismantle the individual units or plants.

The current net salvage percentages for Steam Production and Other Production are negative 2 percent, as established in Docket No. 43695. The current net salvage percentages do not factor in the projected dismantling costs for SPS facilities. This depreciation study updates the projected dismantling costs mainly with results from the Production Plant Dismantling Cost Study for SPS that was completed in 2019 by Burns and McDonnell ("Dismantling Cost Study"). The Dismantling Cost Study results are stated in 2018 dollars. The total Steam Production and Other Production removal cost per the Dismantling Cost Study are identified for each plant and unit. Removal costs related to transmission and distribution assets, such as GSU & foundation, transformers & foundations, transformer oil removal, substation, and transmission line were excluded before allocating the removal costs to each FERC Plant Account for the unit. In addition, dismantling costs were obtained for Blackhawk, Carlsbad and Moore County from subject matter experts.

The proposed net salvage percentages in total are more negative than the net salvage percent used in the approved depreciation rates established in Docket No. 43695. The removal cost was divided by the depreciable investment at that plant unit and FERC Account to create a net salvage percentage for that particular plant unit and FERC Account. The demolition cost for each plant modeled total Steam Production and Other Production removal cost, excluding interim retirements and interim net salvage. Based on the Dismantling Cost Study, the composite net salvage percentages for Steam Production and Other Production plant are negative 14.77 percent and negative 1.47 percent, respectively, as shown on Appendix H. The total generation net salvage composite is negative 13 percent. No interim removal cost is included in the net

salvage analysis, per Commission precedent.

The allocated dismantling costs by generating unit and account shown on Appendix G are then combined with zero interim net salvage to develop average net salvage percentages as shown in Appendix H. While Commission precedent does not allow interim retirement and interim net salvage, those events occur on a regular basis. The interim net salvage history for each plant account is shown in Appendix E-1. Moore County and Carlsbad dismantling costs were fully funded through the reserve reallocation for Steam Production as shown in Appendix F and G.

For Hale Wind Farm, the net salvage percentage was computed by incorporating the Dismantling Cost Study removal cost, excluding interim net salvage. The computation for Hale Wind Farm composite net salvage is shown in Appendix H and used to compute the proposed depreciation accrual rate in Appendix A-2.

Salvage - Transmission Property

Increasing levels of removal cost are experienced in nearly all accounts in this function. Moving averages, which smooth out yearly fluctuations between retirements and net salvage, are used to examine data over the 1968 to 2018 period (or newer depending on the account) and determine net salvage estimates for each account. Detailed analysis and results by account are shown in Appendix E-2 and individual account results are discussed below.

The cost of retirement and removal of transmission assets has increased over the last several years. Company personnel have provided the following to help explain some of the pressures that are increasing the cost to remove transmission assets from service:

- Time Value of Money

SPS's transmission assets have lives ranging from 45 to 80 years as proposed in Appendix C-2. When assets are retired and removed, the removal costs are valued in today's dollars. However the retired assets were constructed when materials, labor, and cost of goods were cheaper. The average age of retirements for transmission assets in the Company's historical data is approximately 20 years. Accordingly, there is a difference in the value of the old assets compared to the cost to remove them, which results in higher net salvage rates in recent years.

- Environmental Regulations and Right-of-Way Access/Use Restrictions

The cost of demolition has increased due to increased regulation and restrictions on environmental impact, mitigation, and restoration measures. The equipment, labor, and other expenses will also increase with facilities located in hard to access locations. Also, many construction or demolition permits now require the restoration of vegetation to a natural state that spans several growing seasons to restore.

Growth in the western portion of the framed Permian Basin in Texas and New Mexico is in the heart of what may be the nation's richest oil and gas production in the coming years. This activity in the Permian Basin has increased significantly since 2013 and is expected to continue for the next 20-30 years,

thus requiring additional activities and costs to access right of way.

Environmental protections also affect the salvage value of material. Wood poles that were once sold for a positive salvage value now must be disposed of due to the presence of creosote, the wood protectant material, which entail significant costs as well.

- Change in NERC and FERC requirements

The 10.07.10 NERC Alert issued October 7, 2010 and on November 30, 2010 required utilities to verify that facility ratings were based on actual field conditions. Xcel Energy used LiDar studies to identify and fix clearance issues to meet the requirements of this NERC Alert. For example, Xcel Energy recently conducted LiDar studies on its transmission lines to determine if the lines comply with clearance requirements and to replace transmission assets that violate clearance standards issued by NERC.

- Labor

Due to increased regulation on operating standards, taking equipment out of service for removal and construction of assets has become more difficult, requiring more projects to be performed while the lines are still energized or forcing constructions to occur in the evening, or on weekends, both of which require overtime of crews. Overall cost of labor has also increased since the assets were installed. Not only have wages increased for journey and apprentices in recent years, but the demand for the resources has increased due to a shortage of licensed workers and more competition for their services. The shortage has placed a positive price pressure for labor costs. In the last decade, investment in the transmission system has increased substantially across the country. This has created a high demand for the limited number of qualified resources available to construct the work. The increases in capital projects are such that utilities now have to augment their internal workforces with external contract construction providers, who often come at a higher cost.

- Safety Requirements

The electric utility industry, in general, and Xcel Energy in particular, has emphasized the importance of employees complying with safe working practices.

SPS personnel indicated that the equipment and provisions required today have increased substantially from 40 years ago. Although these are an important part of the safety culture for Xcel Energy, the policies have increased the cost of doing business.

- Salvage Value

Many of the assets that are removed do not carry a high salvage value. Some of the assets may be sold as scrap, but the proceeds do not amount to the cost of installation or fully offset the removal costs. Assets that can be reused are placed into inventory instead of sold. In several cases, the assets being removed are of wood construction, in which case there is no salvage value. Gross salvage received has declined compared to proceeds received in the 1970s and 1980s.

- Asset Renewal

Utilities across the nation are now dealing with an antiquated, aging transmission infrastructure. It is necessary for utilities to have pro-active asset renewal programs to replace transmission assets before they fail. The frequency of projects requiring removal of existing assets has increased substantially over the last decade due to the aging infrastructure and will continue to increase into the future, and this is true as well of SPS's system.

FERC Account 350 Transmission Depreciable Land Rights (0 percent)

The currently approved net salvage estimate for this account is 0 percent. Retirement activity has been very limited in this account. Since land rights intrinsically have no removal costs (removal costs are attributed to the chattel property on the land) and have no salvage value, a 0 percent net salvage was assigned to this account.

FERC Account 352 Transmission Substation Structures and Improvements (Negative 20 percent)

The currently approved net salvage estimate for this account is negative 10 percent. In the 2018 transaction year, -59.94 and -53.47 percent exist for the five-year and 10-year bands, respectively. There has been an increase in removal cost reflected in this account for the last several years. Based on history and judgment, this study recommends moving to a net salvage estimate of negative 20 percent for this account until more information is available.

FERC Account 353 Transmission Station Equipment (Negative 20 percent)

The currently approved net salvage estimate for this account is negative 20 percent. In the most recent period, a moving average of -24.29 percent exists for the five-year band and a -24.01 percent exists for the 10-year band. The most recent years are fairly consistent and more indicative of future net salvage expectations. Therefore, this study recommends retaining negative 20 percent for this account.

FERC Account 354 Transmission Tower and Fixtures (Negative 5 percent)

The currently approved net salvage estimate for this account is negative 5 percent. Given the small level of retirements and net salvage transactional data, this study recommends no change and reflecting a small amount of removal cost with a negative 5 percent net salvage estimate for this account.

FERC Account 355 Transmission Poles and Fixtures (Negative 75 percent)

The currently approved net salvage estimate for this account is negative 35

percent. In the most recent period, a moving average of -180.53 and -247.12 percent exists for the five-year and 10-year bands, respectively. Throughout much of the history, a negative 75 percent or greater has been experienced in this account. There is a significant level of retirements from which to create this conclusion. This study recommends a move to a negative 75 percent for this account.

FERC Account 356 Transmission Overhead Conductor (Negative 45 percent)

The currently approved net salvage estimate for this account is negative 30 percent. In the most recent period, a moving average of -205.19 and -145.74 percent exists for the five-year and 10-year bands, respectively. The last five to 10 years is a shows higher negative net salvage for this account. This study recommends moving to negative 45 percent net salvage estimate for this account.

FERC Account 357 Transmission Underground Conduit (0 percent)

The current approved net salvage estimate for this account is zero percent. There has been only one year, 2012, with retirements recorded during the study period. While this single year indicates cost of removal will exceed any salvage, there is not enough data to change the existing zero percent net salvage estimate at this time, so the existing zero percent is retained.

FERC Account 358 Transmission Underground Conductor and Devices (0 percent)

The current approved net salvage estimate for this account is zero percent. There have been only two years, 2011 and 2012, with retirements recorded during the study period. While these years indicate cost of removal will exceed any salvage, there is not enough data to change from the existing zero percent net salvage percent. This study recommends retention of the zero percent net salvage for this account.

FERC Account 359 Roads and Trails (0 percent)

This account consists of roads and trails across the Transmission system. As a proxy the Company used the net salvage percentage for Account 352, which was

negative 10 percent. There has been no retirement activity since this account was created. Based on judgment, this study recommends moving to zero percent net salvage for this account.

Salvage – Distribution Property

Increasing levels of removal cost are experienced in most accounts in this function. The salvage received for retired assets has decreased over that time while the removal cost of assets has increased dramatically. Detailed analysis and results by account are shown in Appendix E-2 and individual account results are discussed below. Just as transmission assets faced increased removal cost, distribution assets are subject to the same cost pressures that are increasing removal cost. See the discussion of Transmission Net Salvage in this study.

FERC Account 360 Distribution Depreciable Land Rights (0 percent)

The currently approved net salvage estimate for this account is zero percent. Retirement activity has been very limited in this account. Since land rights intrinsically have no removal costs (removal costs are attributed to the chattel property on the land) and have no salvage value, a zero percent net salvage estimate is retained for this account.

FERC Account 361 Distribution Substation Structures and Improvements (Negative 10 percent)

The current approved net salvage estimate for this account is negative 10 percent. In the most recent period, a moving average of -257.14 and -123.19 percent exists for the five-year and 10-year bands, respectively. Based on the transactional history, a negative 10 percent net salvage is indicated for numerous years but has started to show some change. At this time, a proposed net salvage estimate of negative 10 percent is retained for Account 361. As with all accounts, this account will be reviewed in the next depreciation study.

FERC Account 362 Distribution Substation Equipment (Negative 25 percent)

The current approved net salvage estimate for this account is negative 15 percent. In the most recent period, a moving average of -50.43 percent and -33.38 percent respectively for the five-year and 10-year bands. After examining SPS history, this study recommends moving to negative 25 percent net salvage estimate.

FERC Account 364 Distribution Poles, Towers, and Fixtures (Negative 75 percent)

The current approved net salvage estimate for this account is negative 50 percent. In the most recent period, a moving average of -191.20 percent and -147.29 percent exists for the five-year and 10-year bands, respectively. Although other utilities have approved levels of negative net salvage in that range, such a significant change would cause a drastic increase in SPS' depreciation expense for this account. To conservatively treat net salvage, moving to negative 75 percent net salvage estimate is recommended.

FERC Account 365 Distribution Overhead Conductor and Devices (Negative 50 percent)

The current approved net salvage estimate for this account is negative 40 percent. In the most recent period, a moving average of -67.48 and -58.76 percent exists for the five-year and 10-year bands, respectively. A negative 50 percent net salvage estimate is recommended which models SPS's recent and long-term experience.

FERC Account 366 Distribution Underground Conduit (Negative 20 percent)

The current approved net salvage estimate for this account is negative 20 percent. This account has demonstrated erratic levels of net salvage. In the most recent period, a moving average of -124.23 and -117.11 percent exists for the five-year and 10-year bands, respectively. To model net salvage in the future, a negative 20 percent net salvage estimate is retained for this account at this time.

FERC Account 367 Distribution Underground Conductor and Devices (Negative 30 percent)

The currently approved net salvage estimate for this account is negative 20 percent. This account has demonstrated erratic levels of net salvage. In the most recent period, a moving average of -75.02 percent and -54.69 percent exists for the five-year and 10-year bands, respectively. To model net salvage toward the indications, a negative 30 percent estimate is recommended for this account.

FERC Account 368 Distribution Line Transformers (Negative 10 percent)

The currently approved net salvage estimate for this account is negative 20 percent. In the most recent period, a moving average of -2.89 and -9.84 percent exists for the five-year and 10-year bands, respectively. We recommend a negative 10 percent net salvage estimate for this account at this time.

FERC Account 369 Distribution Services (Negative 40 percent)

The currently approved net salvage estimate for this account is negative 40 percent. In the most recent period, a moving average of -61.13 percent and -58.52 percent exists for the five-year and 10-year bands, respectively. A negative 40 percent net salvage estimate is retained for this account.

FERC Account 370 Distribution Meters (Negative 10 percent)

The currently approved net salvage estimate for this account is negative 10 percent. In the most recent period, a moving average of -0.87 and -8.47 percent exists for the five-year and 10-year bands, respectively. To model net salvage in the future, retention of the existing negative 10 percent net salvage estimate is recommended for this account.

FERC Account 371 Installation on Customer Premises (Guard Lights) (Negative 15 percent)

The currently approved net salvage estimate for this account is negative 20 percent. In 2018, the Company had retired or transferred the majority of assets in this account in error. In June 2019 the retirements and transfers were reversed. In the most recent period, a moving average of -22.56 and -42.74 percent exists for the five-year and 10-year bands, respectively. We recommend a negative 15 percent net salvage estimate for this account at this time.

FERC Account 373 Distribution Street Lighting (Negative 60 percent)

The currently approved net salvage estimate for this account is negative 45

percent. Transactional history shows diminishing positive salvage for this account, with a sharp increase in removal cost since 2004. In the most recent period, a moving average of -95.59 percent and -84.04 percent exists for the five-year and 10-year intervals, respectively. Based on history and judgement we recommend moving to negative 60 percent net salvage estimate for this account at this time.

Salvage – General Property

For General Property plant Accounts 391-398, SPS will continue the use of AR-15 using the study-recommended net salvage parameters. Detailed analysis and results by account are shown in Appendix E-3 and individual account results are discussed below.

FERC Account 389 Land Rights (0 percent)

The currently approved net salvage estimate for this account is zero percent. Land rights generally have no salvage value at retirement and none is shown in the analysis. A zero percent net salvage estimate is recommended to be retained for this account.

FERC Account 390 Structures and Improvements (Negative 10 percent)

The currently approved net salvage estimate for this account is negative 10 percent. This account consists of all General Property structures, which may range from buildings to building components such as HVAC systems or roofs. In 2003, a consolidation of facilities occurred which produced a large positive salvage. This is a one-time event related to merger activity and SPS cost reduction initiatives. This is not anticipated to recur. The most recent five and 10 year moving average show -5.65 and -12.17 percent net salvage, respectively. At this time, this study recommends retention of a negative 10 percent net salvage estimate for this account.

FERC Account 391 Office Furniture and Equipment (0 percent)

This account consists of gross salvage and cost of removal for miscellaneous office furniture such as desks, chairs, filing cabinets, and tables used for general utility service. The currently approved net salvage estimate for this account is zero percent. The average net salvage has been declining for the last several years. The most recent five and 10 year moving averages show -0.27 and -0.68 percent respectively. To model net salvage in the future, a zero percent net salvage estimate is recommended for this account.

FERC Account 391.004 Computer Equipment (0 percent)

This account consists of gross salvage and cost of removal for network computer equipment used for general utility service. The currently approved net salvage estimate for this account is zero percent. Activity is only recorded since 2006 with some indication that some salvage and cost of removal are possible. Overall indications are negligible. Therefore, retaining a zero percent net salvage estimate is requested for this account.

FERC Account 392.01 Transportation Equipment - Autos (10 percent)

The currently approved net salvage estimate for this account is positive 9 percent. For the period 2006 to 2013, SPS recorded proceeds against the cost of a new asset as a part of a like kind exchange program. In 2014, SPS discontinued the like kind exchange program and sold used transportation equipment. To obtain data indicating the net salvage by subaccount, SPS Fleet personnel assisted in providing subaccount level retirement and net salvage information. SPS Fleet personnel provided reports comparing the original cost of the assets sold in the last five years to the net salvage this class of property generated. Those results are found in Appendix E-4 and show positive 10 to 11 percent for this account. Based on the information provided by Fleet personnel and judgment, this study recommends moving to a positive 10 percent net salvage estimate for this account.

FERC Account 392.02 Transportation Equipment - Light Trucks (12 percent)

The currently approved net salvage estimate for this account is positive 7 percent. For the period 2006 to 2013 SPS' recorded proceeds against the cost of a new asset as part of a like kind exchange program. In 2014, SPS discontinued the like kind exchange program and sold used transportation equipment. To obtain data indicating the net salvage by subaccount, SPS Fleet personnel assisted in providing subaccount level retirement and net salvage information. SPS Fleet personnel provided reports comparing the original cost of the assets sold in the last five years to the net salvage this class of property generated. Those results are found in Appendix E-4 and show

positive 12 percent for this account. Based on the information provided by Fleet personnel and judgment, this study recommends moving to a positive 12 percent net salvage estimate for this account.

FERC Account 392.03 Transportation Equipment - Trailers (11 percent)

The currently approved net salvage estimate for this account is positive 9 percent. For the period 2006 to 2013, SPS recorded proceeds against the cost of a new asset as part of a like kind exchange program. In 2014, SPS discontinued the like kind exchange program and sold used transportation equipment. To obtain data indicating the net salvage by subaccount, SPS Fleet personnel assisted in providing subaccount level retirement and net salvage information. SPS Fleet personnel provided reports comparing the original cost of the assets sold in the last five years to the net salvage this class of property generated. Those results are found in Appendix E-4 and show positive 11 percent for this account. Based on the information provided by Fleet personnel and judgment, this study recommends moving to a positive 11 percent net salvage estimate for this account.

FERC Account 392.04 Transportation Equipment – Heavy Trucks (11 percent)

The currently approved net salvage estimate for this account is positive 6 percent. For the period 2006 to 2013, SPS recorded proceeds against the cost of a new asset as part of a like kind exchange program. In 2014, SPS discontinued the like kind exchange program and sold used transportation. To obtain data indicating the net salvage by subaccount, SPS Fleet personnel assisted in providing subaccount level retirement and net salvage information. SPS Fleet personnel provided reports comparing the original cost of the assets sold in the last five years to the net salvage this class of property generated. Those results are found in Appendix E-4 and show positive 11 percent for this account. Based on the information provided by Fleet personnel and judgment, this study recommends moving to a positive 11 percent net salvage estimate for this account.

FERC Account 393 Stores Equipment (0 percent)

This account consists of gross salvage and cost of removal for stores equipment used for general utility service. The currently approved net salvage estimate for this account is zero percent. This kind of equipment seldom produces any gross salvage. To model net salvage in the future, a zero percent net salvage estimate is retained for this account.

FERC Account 394 Tools, Shop, and Garage Equipment (0 percent)

This account consists of gross salvage and cost of removal for various items or tools used in shop and garages such as air compressors, grinders, mixers, hoists, and cranes. The currently approved net salvage estimate for this account is zero percent. A small amount of removal cost has occurred, with the net salvage percentages showing -7.51 and -6.85 in the most recent year for the five and 10 year bands respectively. To model net salvage in the future, a zero percent net salvage estimate is retained.

FERC Account 395 Laboratory Equipment (0 percent)

This account consists of gross salvage and cost of removal for laboratory equipment used in general utility service. The currently approved net salvage estimate for this account is zero percent. The most recent five-year and 10-year net salvage percentages are zero percent for both bands. To model net salvage in the future, a zero percent net salvage estimate is retained for this account.

FERC Account 396 Power Operated Equipment (25 percent)

The currently approved net salvage estimate for this account is positive 10 percent. For the period 2006 to 2013, SPS recorded proceeds against the cost of a new asset as part of a like kind exchange program. In 2014, SPS discontinued the like kind exchange program and sold used power operated equipment. SPS Fleet personnel provided reports comparing the original cost of the assets sold in the last five years to the net salvage this class of property generated. Those results are found in Appendix E-4 and show positive 25 percent for this account. Based on the information provided by Fleet personnel and judgment, this study recommends moving to a positive 25 percent net salvage estimate for this account.

FERC Account 397 Communication Equipment (0 percent)

This account consists of gross salvage and cost of removal for miscellaneous communication equipment used in general utility service such as radios or microwave equipment. The currently approved net salvage estimate for this account is negative 4 percent. Some removal cost has been experienced in this account in recent years, showing slightly negative net salvage. Expectations are that salvage and cost of removal will offset each other. To model net salvage in the future, a zero percent net salvage estimate is recommended for this account.

FERC Account 398 Miscellaneous Equipment (0 percent)

This account consists of gross salvage and cost of removal for miscellaneous equipment used in general utility service. The currently approved net salvage estimate for this account is zero percent. In the most recent period, a moving average of -2.4 percent and -2.25 percent exists for the five-year and 10-year bands, respectively. Expectations are that salvage and cost of removal will offset each other. To model net salvage in the future, a zero percent net salvage estimate is retained for this account.

APPENDIX A
Computation of Depreciation Accrual Rates

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)	Notes
Steam Production										
Cunningham Common Facilities 310	Land Rights	53,100	31,051	0.00%	(2,532,993)	22,049	22.00	1,002	1.89%	
Cunningham Common Facilities 311	Structures and Improvements	7,671,299	2,792,128	-33.02%	(2,192,660)	7,412,163	22.00	336,917	4.39%	
Cunningham Common Facilities 312	Boiler Plant Equipment	6,640,582	2,906,395	-33.02%	(1,311,740)	5,926,847	22.00	269,402	4.06%	
Cunningham Common Facilities 314	Turbogenerators	398,981	97,315	-33.02%	(258,671)	433,406	22.00	19,700	4.94%	
Cunningham Common Facilities 315	Accessory Electric Equipment	783,399	469,331	-33.02%	(501,336)	572,739	22.00	26,034	3.32%	
Cunningham Common Facilities 316	Miscellaneous Power Plant Equipment	1,518,322	947,886	-33.02%	(5,617,400)	1,071,771	22.00	48,717	3.21%	
	Cunningham Common Facilities - Total/Composite	17,065,692	7,244,106		(5,617,400)	15,438,976		701,772	4.11%	
Cunningham Unit 1	Structures and Improvements	2,390,443	2,469,417	-24.61%	(888,207)	510,232	1.00	510,232	21.34%	
Cunningham Unit 2	Boiler Plant Equipment	8,208,183	8,057,316	-24.61%	(2,019,754)	2,170,621	1.00	2,170,621	26.44%	
Cunningham Unit 3	Turbogenerators	6,137,045	6,220,155	-24.61%	(1,510,118)	1,427,007	1.00	1,427,007	23.25%	
Cunningham Unit 4	Accessory Electric Equipment	935,547	916,178	-24.61%	(230,206)	249,576	1.00	249,576	26.68%	
Cunningham Unit 5	Miscellaneous Power Plant Equipment	308,513	281,473	-24.61%	(75,915)	102,955	1.00	102,955	33.37%	
	Cunningham Unit 1 - Total/Composite	17,979,731	17,943,539		(4,424,200)	4,460,392		4,460,392	24.81%	
Cunningham Unit 2	Structures and Improvements	2,377,337	1,611,888	-16.84%	(400,322)	1,165,771	7.00	166,539	7.01%	
Cunningham Unit 3	Boiler Plant Equipment	17,652,086	11,169,384	-16.84%	(2,972,453)	9,455,155	7.00	1,350,736	7.65%	
Cunningham Unit 4	Turbogenerators	11,616,984	8,378,939	-16.84%	(1,956,196)	5,194,241	7.00	742,034	6.39%	
Cunningham Unit 5	Accessory Electric Equipment	5,352,506	3,319,529	-16.84%	(801,314)	2,934,291	7.00	419,184	7.83%	
Cunningham Unit 6	Miscellaneous Power Plant Equipment	134,895	54,941	-16.84%	(22,715)	102,669	7.00	14,667	10.87%	
	Cunningham Unit 2 - Total/Composite	37,133,808	24,534,681		(6,253,000)	18,852,126		2,693,161	7.25%	
Harrington Common Facilities	Land Rights	13,705	6,347	0.00%	(15,526,881)	7,357	22.00	334	2.44%	
Harrington Common Facilities 311	Structures and Improvements	26,337,880	15,330,762	-58.95%	(9,407,996)	26,533,699	22.00	1,206,091	4.58%	
Harrington Common Facilities 312	Boiler Plant Equipment	15,958,561	8,465,967	-58.95%	(1,855,165)	16,900,596	22.00	768,209	4.81%	
Harrington Common Facilities 314	Turbogenerators	3,146,873	1,966,526	-58.95%	(707,301)	3,035,512	22.00	137,978	4.38%	
Harrington Common Facilities 315	Accessory Electric Equipment	1,199,979	363,290	-58.95%	(1,550,956)	1,543,790	22.00	70,172	5.85%	
Harrington Common Facilities 316	Miscellaneous Power Plant Equipment	2,629,324	1,950,442	-58.95%	(29,047,400)	2,228,938	22.00	101,315	3.85%	
	Harrington Common Facilities - Total/Composite	49,286,121	28,083,334		(29,047,400)	50,250,167		2,284,059	4.63%	
Harrington Unit 1	Structures and Improvements	6,969,988	4,216,129	-5.35%	(372,730)	3,126,590	18.00	173,699	2.49%	
Harrington Unit 2	Boiler Plant Equipment	106,514,384	48,013,223	-5.35%	(5,696,014)	64,197,175	18.00	3,566,510	3.35%	
Harrington Unit 3	Turbogenerators	42,456,474	17,004,333	-5.35%	(2,270,423)	27,722,564	18.00	1,540,142	3.63%	
Harrington Unit 4	Accessory Electric Equipment	7,832,270	3,754,157	-5.35%	(418,842)	4,466,955	18.00	249,831	3.19%	
Harrington Unit 5	Miscellaneous Power Plant Equipment	966,618	534,632	-5.35%	(51,691)	483,677	18.00	26,871	2.78%	
	Harrington Unit 1 - Total/Composite	154,739,735	73,522,473		(8,809,700)	100,026,962		5,557,053	3.37%	
Harrington Unit 2	Structures and Improvements	6,123,513	3,052,498	-4.92%	(301,355)	3,372,370	20.00	168,618	2.75%	
Harrington Unit 3	Boiler Plant Equipment	112,965,632	49,156,120	-4.92%	(5,569,366)	69,367,079	20.00	3,468,354	3.07%	
Harrington Unit 4	Turbogenerators	48,509,437	17,667,823	-4.92%	(2,387,286)	33,228,900	20.00	1,661,445	3.42%	
Harrington Unit 5	Accessory Electric Equipment	5,908,413	2,562,015	-4.92%	(290,770)	3,637,198	20.00	181,858	3.08%	
Harrington Unit 6	Miscellaneous Power Plant Equipment	1,546,811	879,636	-4.92%	(76,123)	743,268	20.00	37,165	2.40%	
	Harrington Unit 2 - Total/Composite	175,054,007	73,320,063		(8,614,900)	110,348,814		5,517,441	3.15%	
Harrington Unit 3	Structures and Improvements	9,357,196	4,866,357	-4.15%	(388,635)	4,889,473	22.00	222,249	2.38%	
Harrington Unit 4	Boiler Plant Equipment	120,540,206	52,891,010	-4.15%	(5,006,434)	72,655,630	22.00	3,302,529	2.74%	
Harrington Unit 5	Turbogenerators	54,024,505	22,379,643	-4.15%	(2,243,817)	33,888,679	22.00	1,540,394	2.80%	
Harrington Unit 6	Accessory Electric Equipment	6,045,955	2,569,388	-4.15%	(251,109)	3,727,675	22.00	169,440	2.85%	
Harrington Unit 7	Miscellaneous Power Plant Equipment	1,878,140	976,481	-4.15%	(78,005)	979,665	22.00	44,530	2.37%	
	Harrington Unit 3 - Total/Composite	191,846,002	83,672,860		(7,968,000)	118,141,122		5,279,142	2.75%	

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4)=(1)x(3)	Unaccrued Balance (5)=(1)-(2)-(4)	Remaining Life (6)	Annual Accrual (7)=(5)/(6)	Annual Accrual Rate (8)=(7)/(1)	Notes
Jones Common Facilities	311 Structures and Improvements	9,045,042	2,560,160	-22.37%	(2,023,648)	8,508,530	40.00	212,713	2.35%	
Jones Common Facilities	312 Boiler Plant Equipment	12,167,939	3,580,230	-22.37%	(2,722,312)	11,309,921	40.00	282,748	2.32%	
Jones Common Facilities	314 Turbogenerators	7,885,491	2,987,696	-22.37%	(1,764,222)	6,092,016	40.00	167,050	2.12%	
Jones Common Facilities	315 Accessory Electric Equipment	2,560,333	583,502	-22.37%	(572,824)	2,549,654	40.00	63,741	2.49%	
Jones Common Facilities	316 Miscellaneous Power Plant Equipment	3,665,003	1,205,854	-22.37%	(820,195)	3,280,344	40.00	82,009	2.24%	
Jones Common Facilities	Total/Composite	35,324,709	10,897,443		(7,903,200)	32,330,466		806,262	2.29%	
Jones Unit 1	310 Land Rights	108,562	56,895	0.00%	-	51,666	13.00	3,974	3.66%	
Jones Unit 1	311 Structures and Improvements	5,094,828	3,295,651	-17.56%	(894,828)	2,694,005	13.00	207,231	4.07%	
Jones Unit 1	312 Boiler Plant Equipment	23,143,052	11,255,092	-17.56%	(4,064,720)	15,952,681	13.00	1,227,129	5.30%	
Jones Unit 1	314 Turbogenerators	22,662,978	10,622,000	-17.56%	(3,980,403)	16,021,381	13.00	1,232,414	5.44%	
Jones Unit 1	315 Accessory Electric Equipment	2,767,418	1,178,007	-17.56%	(486,054)	2,075,465	13.00	159,651	5.77%	
Jones Unit 1	316 Miscellaneous Power Plant Equipment	7,550,086	589,639	-17.56%	(132,795)	299,241	13.00	23,019	3.04%	
Jones Unit 1 - Total/Composite		54,532,923	26,997,264		(9,558,900)	37,034,440		2,853,418	5.23%	
Jones Unit 2	311 Structures and Improvements	2,179,724	1,360,144	-22.96%	(500,500)	1,320,081	16.00	82,505	3.79%	
Jones Unit 2	312 Boiler Plant Equipment	16,282,969	10,070,555	-22.96%	(3,738,835)	9,951,249	16.00	621,953	3.82%	
Jones Unit 2	314 Turbogenerators	20,915,587	10,698,915	-22.96%	(4,802,559)	15,019,231	16.00	938,702	4.49%	
Jones Unit 2	315 Accessory Electric Equipment	2,913,009	1,172,332	-22.96%	(668,874)	2,409,551	16.00	150,597	5.17%	
Jones Unit 2	316 Miscellaneous Power Plant Equipment	598,526	446,338	-22.96%	(137,431)	269,619	16.00	18,101	3.02%	
Jones Unit 2 - Total/Composite		42,889,815	23,748,264		(9,848,200)	28,989,731		1,811,858	4.22%	
Maddox	310 Land Rights	19,971	13,281	0.00%	-	6,691	10.00	669	3.35%	
Maddox	311 Structures and Improvements	4,909,575	2,771,748	-18.65%	(915,675)	3,053,502	10.00	305,350	6.22%	
Maddox	312 Boiler Plant Equipment	20,350,280	10,398,730	-18.65%	(3,795,486)	13,747,039	10.00	1,374,704	6.76%	
Maddox	314 Turbogenerators	12,709,583	7,427,496	-18.65%	(2,370,438)	7,652,525	10.00	765,253	6.02%	
Maddox	315 Accessory Electric Equipment	6,652,978	3,604,831	-18.65%	(1,240,833)	4,288,980	10.00	428,898	6.45%	
Maddox	316 Miscellaneous Power Plant Equipment	963,849	569,053	-18.65%	(179,765)	574,561	10.00	57,456	5.96%	
Maddox - Total/Composite		45,606,237	24,785,138		(8,502,200)	29,323,298		2,932,330	6.43%	
Moore County	310 Land Rights	463	463	0.00%	-	-	0.00	-	0.00%	
Moore County	310 Water Rights	17,164	17,164	0.00%	-	-	0.00	-	0.00%	
Moore County - Total/Composite		17,627	17,627		-	-		-	0.00%	
Nichols Common Facilities	310 Land Rights	676,746	284,281	0.00%	-	382,464	12.00	31,872	4.71%	
Nichols Common Facilities	311 Structures and Improvements	52,035,520	27,938,413	-20.30%	(10,564,290)	34,661,397	12.00	2,888,450	5.55%	
Nichols Common Facilities	312 Boiler Plant Equipment	10,660,419	4,105,435	-20.30%	(2,188,347)	8,743,332	12.00	728,611	6.82%	
Nichols Common Facilities	314 Turbogenerators	3,396,729	2,004,979	-20.30%	(689,606)	2,081,356	12.00	173,446	5.11%	
Nichols Common Facilities	315 Accessory Electric Equipment	2,298,724	1,320,538	-20.30%	(466,689)	1,444,874	12.00	120,406	5.24%	
Nichols Common Facilities	316 Miscellaneous Power Plant Equipment	2,341,672	1,577,047	-20.30%	(475,469)	1,240,394	12.00	103,396	4.41%	
Nichols Common Facilities - Total/Composite		71,430,109	37,240,693		(14,364,400)	48,553,617		4,046,151	5.66%	
Nichols Unit 1	311 Structures and Improvements	2,079,572	1,701,368	-16.40%	(341,133)	719,336	4.00	179,834	8.65%	
Nichols Unit 1	312 Boiler Plant Equipment	10,859,989	8,651,982	-16.40%	(1,781,471)	3,989,478	4.00	997,370	9.19%	
Nichols Unit 1	314 Turbogenerators	9,663,276	8,190,492	-16.40%	(1,588,443)	3,081,227	4.00	770,307	7.96%	
Nichols Unit 1	315 Accessory Electric Equipment	2,251,603	1,790,932	-16.40%	(369,353)	830,033	4.00	207,508	9.22%	
Nichols Unit 1	316 Miscellaneous Power Plant Equipment	234,700	191,176	-16.40%	(38,500)	82,024	4.00	20,506	8.74%	
Nichols Unit 1 - Total/Composite		25,108,140	20,525,941		(4,118,900)	8,702,099		2,175,525	8.65%	
Nichols Unit 2	311 Structures and Improvements	1,108,535	960,706	-15.52%	(172,030)	319,860	5.00	63,972	5.77%	
Nichols Unit 2	312 Boiler Plant Equipment	11,971,470	8,831,434	-15.52%	(1,857,810)	4,997,846	5.00	999,569	8.35%	
Nichols Unit 2	314 Turbogenerators	12,230,817	8,761,960	-15.52%	(1,898,058)	5,366,925	5.00	1,073,385	8.78%	
Nichols Unit 2	315 Accessory Electric Equipment	1,038,609	833,565	-15.52%	(161,178)	366,233	5.00	73,247	7.05%	
Nichols Unit 2	316 Miscellaneous Power Plant Equipment	79,414	71,832	-15.52%	(12,324)	19,906	5.00	3,981	5.01%	
Nichols Unit 2 - Total/Composite		26,428,846	19,459,476		(4,101,400)	11,070,769		2,214,154	8.38%	

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5)/(6)	Annual Accrual Rate (8) = (7)/(1)	Notes
Nichols Unit 3	Structures and Improvements	1,592,946	1,153,992	-14.14%	(225,206)	664,159	12.00	55,347	3.47%	
Nichols Unit 3	Boiler Plant Equipment	19,913,278	12,313,082	-14.14%	(2,815,278)	10,415,475	12.00	867,956	4.36%	
Nichols Unit 3	Turbogenerators	20,314,607	12,065,411	-14.14%	(2,872,017)	11,131,213	12.00	927,801	4.57%	
Nichols Unit 3	Accessory Electric Equipment	2,256,197	1,286,345	-14.14%	(318,974)	1,288,826	12.00	107,402	4.76%	
Nichols Unit 3	Miscellaneous Power Plant Equipment	319,173	151,359	-14.14%	(45,124)	212,937	12.00	17,745	5.56%	
	Nichols Unit 3 - Total/Composite	44,396,201	28,960,190		(6,276,600)	23,712,610		1,976,051	4.45%	
Plant X Common Facilities	Water Rights	1,314,134	964,380	0.00%	(579,399)	349,753	9.00	38,861	2.96%	
Plant X Common Facilities	Structures and Improvements	8,116,832	7,540,554	-70.59%	(579,399)	6,305,677	9.00	700,631	8.63%	
Plant X Common Facilities	Boiler Plant Equipment	4,498,544	3,271,739	-70.59%	(3,175,372)	4,402,177	9.00	489,131	10.87%	
Plant X Common Facilities	Turbogenerators	3,424,396	1,672,738	-70.59%	(2,417,166)	4,168,824	9.00	463,203	13.53%	
Plant X Common Facilities	Accessory Electric Equipment	124,534	112,990	-70.59%	(67,905)	99,449	9.00	11,050	8.87%	
Plant X Common Facilities	Miscellaneous Power Plant Equipment	1,503,959	1,519,438	-70.59%	(1,060,959)	1,044,479	9.00	116,064	7.72%	
	Plant X Common Facilities - Total/Composite	18,981,499	15,081,839		(12,470,800)	16,370,460		1,818,940	9.58%	
Plant X Unit 1	Structures and Improvements	1,286,334	1,215,485	-14.60%	(187,773)	258,622	1.00	258,622	20.11%	
Plant X Unit 1	Boiler Plant Equipment	6,252,484	5,832,474	-14.60%	(912,708)	1,332,719	1.00	1,332,719	21.32%	
Plant X Unit 1	Turbogenerators	4,549,359	4,306,747	-14.60%	(664,094)	906,707	1.00	906,707	19.93%	
Plant X Unit 1	Accessory Electric Equipment	871,549	752,012	-14.60%	(127,225)	246,762	1.00	246,762	28.31%	
	Plant X Unit 1 - Total/Composite	12,959,727	12,106,717		(1,891,800)	2,744,809		2,744,809	21.18%	(A)
Plant X Unit 2	Structures and Improvements	1,021,771	957,029	-13.38%	(136,693)	201,435	1.00	201,435	19.71%	
Plant X Unit 2	Boiler Plant Equipment	16,241,946	14,805,821	-13.38%	(2,172,854)	3,608,979	1.00	3,608,979	22.22%	
Plant X Unit 2	Turbogenerators	6,735,026	6,280,811	-13.38%	(901,014)	1,355,229	1.00	1,355,229	20.12%	
Plant X Unit 2	Accessory Electric Equipment	613,416	578,476	-13.38%	(82,063)	117,003	1.00	117,003	19.07%	
Plant X Unit 2	Miscellaneous Power Plant Equipment	52,890	48,711	-13.38%	(7,078)	11,254	1.00	11,254	21.28%	
	Plant X Unit 2 - Total/Composite	24,665,049	22,670,848		(3,299,700)	5,293,902		5,293,902	21.46%	
Plant X Unit 3	Structures and Improvements	1,034,626	849,707	-17.31%	(179,054)	363,973	6.00	60,662	5.86%	
Plant X Unit 3	Boiler Plant Equipment	8,456,316	6,640,367	-17.31%	(1,463,466)	3,279,414	6.00	546,569	6.46%	
Plant X Unit 3	Turbogenerators	7,508,924	6,029,465	-17.31%	(1,299,508)	2,778,967	6.00	463,161	6.17%	
Plant X Unit 3	Accessory Electric Equipment	976,256	739,430	-17.31%	(168,953)	405,779	6.00	67,630	6.93%	
Plant X Unit 3	Miscellaneous Power Plant Equipment	977,798	763,095	-17.31%	(169,219)	383,922	6.00	63,987	6.54%	
	Plant X Unit 3 - Total/Composite	18,953,919	15,022,064		(3,280,200)	7,212,055		1,202,009	6.34%	
Plant X Unit 4	Structures and Improvements	1,836,578	1,044,464	-11.62%	(213,425)	1,005,539	9.00	111,727	6.08%	
Plant X Unit 4	Boiler Plant Equipment	18,044,134	11,931,848	-11.62%	(2,096,871)	8,209,157	9.00	912,129	5.05%	
Plant X Unit 4	Turbogenerators	13,769,136	8,296,900	-11.62%	(1,600,083)	7,072,313	9.00	785,813	5.71%	
Plant X Unit 4	Accessory Electric Equipment	1,813,628	1,223,530	-11.62%	(210,758)	800,856	9.00	88,984	4.91%	
Plant X Unit 4	Miscellaneous Power Plant Equipment	164,046	78,189	-11.62%	(19,063)	104,920	9.00	11,658	7.11%	
	Plant X Unit 4 - Total/Composite	35,627,522	22,574,931		(4,140,200)	17,192,731		1,910,310	5.36%	
Riverview	Land Rights	1,245	1,245	0.00%	-	-	0.00	-	0.00%	
	Riverview - Total/Composite	1,245	1,245		-	-	0.00	0.00	0.00%	
Tolk Common Facilities	Water Rights	10,220,448	2,864,531	0.00%	-	7,355,917	14.00	525,423	5.14%	
Tolk Common Facilities	Structures and Improvements	31,860,962	20,141,832	-127.19%	(40,524,813)	52,243,943	14.00	3,731,710	11.71%	
Tolk Common Facilities	Boiler Plant Equipment	16,865,777	14,793,175	-127.19%	(21,452,035)	23,524,637	14.00	1,680,331	9.96%	
Tolk Common Facilities	Turbogenerators	11,467,141	9,696,476	-127.19%	(14,585,364)	16,356,029	14.00	1,168,288	10.19%	
Tolk Common Facilities	Accessory Electric Equipment	-	-	-127.19%	-	-	14.00	-	9.93%	
Tolk Common Facilities	Miscellaneous Power Plant Equipment	3,406,289	4,577,315	-127.19%	(4,332,550)	3,161,524	14.00	225,823	6.63%	
	Tolk Common Facilities - Total/Composite	73,920,616	52,073,329		(80,864,762)	102,642,049		7,331,575	9.93%	

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5)/(6)	Annual Accrual Rate (8) = (7)/(1)	Notes
Tolk 1	Land Rights	19,917	12,270	0.00%	-	7,648	14.00	546	2.74%	
Tolk 1	Structures and Improvements	19,801,317	12,173,234	-5.02%	(993,612)	8,621,695	14.00	615,835	3.11%	
Tolk 1	Boiler Plant Equipment	191,862,522	101,881,287	-5.02%	(9,627,489)	99,608,724	14.00	7,114,909	3.71%	
Tolk 1	Turbogenerators	61,261,005	37,207,589	-5.02%	(3,074,022)	27,127,438	14.00	1,937,674	3.16%	
Tolk 1	Accessory Electric Equipment	3,587,978	2,168,751	-5.02%	(180,041)	1,596,268	14.00	114,233	3.18%	
Tolk 1	Miscellaneous Power Plant Equipment	521,526	302,398	-5.02%	(26,170)	245,297	14.00	17,521	3.36%	
Tolk 1 - Total/Composite		277,054,265	153,745,529		(13,901,335)	137,210,071		9,800,719	3.54%	
Tolk 2	Land Rights	277,377	170,870	0.00%	-	106,507	14.00	7,608	2.74%	
Tolk 2	Structures and Improvements	9,713,838	5,734,203	-4.54%	(440,839)	4,420,474	14.00	315,748	3.25%	
Tolk 2	Boiler Plant Equipment	210,860,524	110,017,803	-4.54%	(9,569,396)	110,412,116	14.00	7,886,580	3.74%	
Tolk 2	Turbogenerators	79,132,275	46,328,923	-4.54%	(3,591,227)	36,394,580	14.00	2,599,613	3.29%	
Tolk 2	Accessory Electric Equipment	3,292,957	1,440,426	-4.54%	(149,443)	2,001,974	14.00	142,988	4.34%	
Tolk 2	Miscellaneous Power Plant Equipment	2,241,379	1,403,389	-4.54%	(101,720)	939,709	14.00	67,122	2.99%	
Tolk 2 - Total/Composite		305,518,950	165,095,615		(13,852,625)	154,275,360		11,019,669	3.61%	
Tolk Common Reling 2055	Water Rights TX	5,740,159	1,399,819	-32.10%	(1,842,540)	6,182,880	37.00	167,105	2.91%	
Tolk Common Reling 2055	Structures and Improvements	481,278	100,960	-32.10%	(154,486)	534,804	37.00	14,454	3.00%	
Tolk Common Reling 2055	Boiler Plant Equipment	1,937,671	375,552	-32.10%	(621,975)	2,184,084	37.00	59,030	3.05%	
Tolk Common Reling 2055	Turbogenerators	22,551	2,194	-32.10%	(7,239)	27,596	37.00	746	3.31%	
Tolk Common Reling 2055	Accessory Electric Equipment	3,736,234	1,592,486	-32.10%	(1,199,299)	3,543,047	37.00	90,353	2.42%	
Tolk Common Reling 2055	Miscellaneous Power Plant Equipment	11,917,894	3,471,011		(3,825,538)	12,272,421		331,687	2.78%	
Tolk Common Reling 2055 - Total/Composite		27,355,716	5,942,922		(6,646,098)	26,652,640		709,325	2.59%	
Tolk 1 Reling 2055	Land Rights TX	12,374,235	5,035,662	-5.02%	(620,883)	7,959,466	37.00	215,120	1.74%	
Tolk 1 Reling 2055	Structures and Improvements	7,127,663	2,992,225	-5.02%	(357,635)	4,493,063	37.00	121,435	1.70%	
Tolk 1 Reling 2055	Boiler Plant Equipment	15,404,390	6,205,010	-5.02%	(772,923)	9,972,303	37.00	269,522	1.75%	
Tolk 1 Reling 2055	Turbogenerators	12,860,737	4,963,044	-5.02%	(645,294)	8,542,987	37.00	230,892	1.80%	
Tolk 1 Reling 2055	Accessory Electric Equipment	199,904	88,855	-5.02%	(10,030)	121,079	37.00	3,272	1.64%	
Tolk 1 Reling 2055 - Total/Composite		47,966,949	19,284,797		(2,406,765)	31,089,918		840,241	1.75%	
Tolk 2 Reling 2055	Land Rights TX	8,645,191	3,630,510	-4.53%	(391,985)	5,406,666	37.00	146,126	1.69%	
Tolk 2 Reling 2055	Structures and Improvements	8,030,975	3,311,576	-4.53%	(384,136)	5,083,535	37.00	137,393	1.71%	
Tolk 2 Reling 2055	Boiler Plant Equipment	27,246,395	7,555,470	-4.53%	(1,235,389)	20,926,314	37.00	565,576	2.08%	
Tolk 2 Reling 2055	Turbogenerators	8,914,265	2,969,262	-4.53%	(404,185)	6,349,188	37.00	171,600	1.93%	
Tolk 2 Reling 2055	Accessory Electric Equipment	1,318,439	537,103	-4.53%	(59,780)	841,116	37.00	22,733	1.72%	
Tolk 2 Reling 2055 - Total/Composite		54,155,264	18,003,921		(2,455,475)	38,606,819		1,043,428	1.93%	
Total Steam Production Plant		1,880,462,991	998,085,026		(277,827,600)	1,160,205,465		88,648,098	4.71%	
Other Production										
Blackhawk	Fuel Holders and Accessory Equipment	4,054,689	2,911,103	-15.21%	(616,706)	1,760,292	16.00	110,018	2.71%	
Blackhawk - Total/Composite		4,054,689	2,911,103		(616,706)	1,760,292		110,018	2.71%	
Cunningham	Structures and Improvements	588,074	230,665	-1.44%	(8,443)	365,851	22.00	16,630	2.83%	
Cunningham	Fuel Holders and Accessory Equipment	1,502,692	475,224	-1.44%	(21,573)	1,049,535	22.00	47,694	3.17%	
Cunningham	Prime Movers	50,206,735	21,128,938	-1.44%	(720,788)	29,798,585	22.00	1,354,481	2.70%	
Cunningham	Generators	13,132,851	1,892,274	-1.44%	(188,540)	11,429,117	22.00	519,505	3.96%	
Cunningham	Accessory Electric Equipment	5,919,580	2,647,757	-1.44%	(84,984)	3,356,807	22.00	152,582	2.58%	
Cunningham	Miscellaneous Power Plant Equipment	1,140,410	373,409	-1.44%	(16,372)	753,373	22.00	35,608	3.12%	
Cunningham - Total/Composite		72,480,341	26,748,268		(1,040,700)	46,782,773		2,126,490	2.93%	

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (4)	Remaining Life (6)	Annual Accrual (7) = (5)/(6)	Annual Accrual Rate (8) = (7)/(1)	Notes
Jones Unit 3	Structures and Improvements	4,748,588	798,054	-0.59%	(28,065)	3,978,598	38.00	104,700	2.20%	
Jones Unit 3	Fuel Holders and Accessory Equipment	(0)	(0)	-0.59%	0	0	38.00	(0)	2.21%	(A)
Jones Unit 3	Prime Movers	10,724	2,907	-0.59%	(63)	7,880	38.00	207	1.93%	
Jones Unit 3	Generators	66,479,720	11,138,675	-0.59%	(392,902)	55,733,946	38.00	1,466,683	2.21%	
Jones Unit 3	Accessory Electric Equipment	10,396,410	1,747,739	-0.59%	(61,462)	8,713,133	38.00	229,293	2.20%	
Jones Unit 3	Miscellaneous Power Plant Equipment	1,591,994	267,553	-0.59%	(9,409)	1,333,850	38.00	35,101	2.20%	
	Jones Unit 3 - Total/Composite	83,230,435	13,954,928		(497,900)	69,787,408		1,835,984	2.21%	
Jones Unit 4	Structures and Improvements	6,505,115	801,683	-0.59%	(38,251)	5,741,682	40.00	143,542	2.21%	(A)
Jones Unit 4	Fuel Holders and Accessory Equipment	-	-	-0.59%	-	-	40.00	-	2.21%	(A)
Jones Unit 4	Prime Movers	-	-	-0.59%	-	-	40.00	-	2.21%	(A)
Jones Unit 4	Generators	65,249,124	8,002,068	-0.59%	(383,672)	57,630,728	40.00	1,440,768	2.21%	
Jones Unit 4	Accessory Electric Equipment	10,703,795	1,319,150	-0.59%	(62,939)	9,447,585	40.00	236,190	2.21%	
Jones Unit 4	Miscellaneous Power Plant Equipment	1,196,889	147,506	-0.59%	(7,038)	1,056,421	40.00	26,411	2.21%	
	Jones Unit 4 - Total/Composite	83,654,923	10,270,407		(497,900)	73,876,416		1,846,910	2.21%	
Maddox	Structures and Improvements	1,643,938	1,258,557	-5.77%	(91,547)	476,928	7.00	68,133	4.14%	
Maddox	Fuel Holders and Accessory Equipment	512,886	452,668	-5.77%	(28,562)	88,780	7.00	12,683	2.47%	
Maddox	Prime Movers	-	-	-5.77%	-	-	7.00	-	3.37%	(A)
Maddox	Generators	15,428,875	12,877,365	-5.77%	(859,200)	3,410,710	7.00	487,244	3.16%	
Maddox	Accessory Electric Equipment	1,627,920	1,186,383	-5.77%	(90,655)	532,192	7.00	76,027	4.67%	
Maddox	Miscellaneous Power Plant Equipment	169,443	114,720	-5.77%	(9,436)	64,159	7.00	9,165	5.41%	
	Maddox - Total/Composite	19,353,062	15,889,693		(1,079,400)	4,572,770		653,253	3.37%	
Quay County	Structures and Improvements	916,182	242,212	-1.96%	(17,958)	691,929	16.00	43,246	4.72%	
Quay County	Fuel Holders and Accessory Equipment	1,575	801	-1.96%	(31)	805	16.00	50	3.19%	
Quay County	Prime Movers	4,620,155	3,214,640	-1.96%	(90,561)	1,496,077	16.00	93,505	2.02%	
Quay County	Generators	17,151,429	5,114,417	-1.96%	(336,191)	12,373,203	16.00	773,325	4.51%	
Quay County	Accessory Electric Equipment	3,065,104	989,993	-1.96%	(60,080)	2,135,191	16.00	133,449	4.35%	
Quay County	Miscellaneous Power Plant Equipment	646,733	208,739	-1.96%	(12,678)	450,732	16.00	28,171	4.36%	
	Quay County - Total/Composite	26,401,239	9,770,802		(517,500)	17,147,937		1,071,746	4.06%	
Riverview	Land and Water Rights	676	676	0.00%	-	-	0.00	-	0.00%	
	Riverview - Total/Composite	676	676		-	-		-	0.00%	
	Total Other Production Plant	289,216,365	79,546,876		(4,238,106)	213,907,656		7,644,402	2.64%	
Transmission										
3502	Land Rights	151,888,969	12,888,790	0.00%	-	139,000,180	71.78	1,936,404	1.27%	
352	Structures & Improvements	101,632,641	16,887,536	-20.00%	(20,326,528)	105,071,633	54.11	1,941,990	1.91%	
353	Station Equipment	1,108,171,071	143,301,308	-20.00%	(221,634,214)	1,186,503,977	46.09	25,745,127	2.32%	
354	Towers & Fixtures	8,177,682	2,463,950	-5.00%	(408,884)	6,122,616	48.95	125,082	1.53%	
355	Poles & Fixtures	1,160,752,655	235,636,154	-75.00%	(870,564,642)	1,795,681,343	43.84	40,961,092	3.53%	
356	Overhead Conductors & Devices	446,002,528	96,376,139	-45.00%	(200,701,138)	550,327,526	40.98	13,429,070	3.01%	
357	Underground Conductor	272,859	124,716	0.00%	-	148,143	33.50	4,422	1.62%	
358	Underground Conductor & Devices	489,717	232,486	0.00%	-	257,231	19.14	13,439	2.74%	
359	Roads and Trails	517,736	23,004	0.00%	-	494,732	61.50	8,044	1.55%	
	Total Transmission Plant	2,977,906,068	607,934,053		(1,313,635,406)	3,783,607,381		84,164,669	2.83%	

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5)/(6)	Annual Accrual Rate (8) = (7)/(1)	Notes
	Distribution (TX only)									
	3602 Land Rights	2,745,173	526,658	0.00%	-	2,218,515	56.59	39,201.97	1.43%	
	361 Structures & Improvements	14,411,029	1,901,755	-10.00%	(1,441,103)	13,950,376	61.82	226,410	1.57%	
	362 Station Equipment	170,237,439	41,128,440	-25.00%	(42,559,360)	171,668,358	44.33	3,872,485	2.27%	
	364 Poles, Towers & Fixtures	200,626,063	61,297,637	-75.00%	(150,469,547)	289,797,973	43.76	6,622,220	3.30%	
	365 Overhead Conductors & Devices	169,511,992	46,038,878	-50.00%	(84,755,996)	208,229,111	38.50	5,408,058	3.19%	
	366 Underground Conductor	19,054,496	6,805,049	-20.00%	(3,810,899)	16,060,346	47.79	336,030	1.76%	
	367 Underground Conductor & Devices	34,104,914	9,041,639	-30.00%	(10,231,474)	35,294,748	42.21	836,195	2.45%	
	368 Line Transformers	148,560,954	40,358,765	-10.00%	(14,856,095)	123,056,295	34.66	3,550,694	2.39%	
	369 Services	60,121,851	24,280,939	-40.00%	(24,048,740)	59,889,652	34.18	1,752,425	2.91%	
	370 Meters	41,048,433	19,296,331	-15.00%	(4,104,843)	25,865,945	17.20	1,503,327	3.66%	
	371 Installations on Customers' Premises	17,507,832	9,198,049	-50.00%	(10,504,699)	18,814,483	26.21	717,713	4.42%	(B)
	373 Street Lighting & Signal Systems								4.10%	
	Total Distribution Plant TX only	877,930,177	259,974,143		(346,762,755)	954,335,792		24,854,758	2.83%	
	General									
	389 Land Rights	45,967	16,964	0.00%	-	29,003	35.85	809	1.76%	
	390 Structures & Improvements	68,728,412	16,549,137	-10.00%	(6,872,841)	59,052,117	40.35	1,463,647	2.13%	
	Total General	68,774,379	16,566,101		(6,872,841)	59,081,120		1,464,456	2.13%	

Note

(A) There is currently no balance in these accounts. In the event plant is added to these accounts, SPS requests authorization to use the depreciation rate listed, which represents the composite depreciation rate for each unit.

(B) There is currently no balance in this account. When plant is recorded to this account, SPS requests authorization to use the depreciation rate listed, which represents the whole life rate.

Southwestern Public Service Company
Texas
Computation of Annual Amortization Rate
At December 31, 2018

Account	Description	Plant Balance 12/31/2018	Allocated Reserve 12/31/2018	Theoretical Reserve 12/31/2018	Reserve Difference	Assets To Retire > Proposed ASL	Amortization Rate
General							
	391 Office Furniture & Equipment	16,603,109	4,673,711	5,026,283	(352,571)	787,024	5.00%
	391.04 Computer Equipment	68,892,484	36,630,103	39,405,532	(2,775,429)	6,034,242	20.00%
	392.01 Transportation Equipment - Autos	3,345,059	774,015	832,382	(56,367)	145,097	9.00%
	392.02 Transportation Equipment - Light Trucks	43,635,262	23,131,727	24,510,352	(1,378,624)	9,015,912	8.80%
	392.03 Transportation Equipment - Trailers	8,404,970	2,643,128	2,813,823	(170,695)	855,525	5.93%
	392.04 Transportation Equipment - Heavy Trucks	57,188,472	28,357,693	29,748,580	(1,390,887)	14,634,466	7.42%
	393 Stores Equipment	430,663	291,965	312,396	(20,431)	66,733	2.86%
	394 Tools, Shop & Garage Equipment	43,989,343	7,899,775	8,616,384	(716,609)	0	2.86%
	395 Laboratory Equipment	11,180,735	8,389,052	8,767,353	(378,302)	4,218,717	2.86%
	396 Power Operated Equipment	14,816,242	5,337,122	5,689,131	(352,009)	1,942,174	4.00%
	397 Communication Equipment	118,455,187	59,716,518	61,853,614	(2,137,096)	36,157,530	5.00%
	398 Miscellaneous Equipment	2,781,556	1,749,793	1,863,534	(113,741)	495,927	6.67%
	Total General Amortized	\$ 389,723,101	\$ 179,694,602	\$ 189,439,374	\$ (9,944,773)	\$ 74,353,346	15.58%
Excluding Fully Accrued Assets							
Account	Description	Plant Balance 12/31/2018	Allocated Reserve 12/31/2018	Amortization Life	Amortization Net Salvage %	Annual Amortization	Amortization Rate
	391 Office Furniture & Equipment	15,816,065	3,886,688	20.00	0%	790,804	5.00%
	391.04 Computer Equipment	62,858,242	30,595,861	5.00	0%	12,571,648	20.00%
	392.01 Transportation Equipment - Autos	3,199,963	628,918	10.00	10%	287,997	9.00%
	392.02 Transportation Equipment - Light Trucks	34,619,349	14,115,815	10.00	12%	3,046,503	8.80%
	392.03 Transportation Equipment - Trailers	7,549,445	1,787,603	15.00	11%	447,934	5.93%
	392.04 Transportation Equipment - Heavy Trucks	42,594,006	13,723,228	12.00	11%	3,156,089	7.42%
	393 Stores Equipment	363,950	225,232	35.00	0%	10,399	2.86%
	394 Tools, Shop & Garage Equipment	43,989,343	7,899,775	35.00	0%	1,256,838	2.86%
	395 Laboratory Equipment	6,962,017	4,170,334	25.00	0%	278,481	4.00%
	396 Power Operated Equipment	12,874,069	3,394,948	15.00	25%	643,703	5.00%
	397 Communication Equipment	82,297,656	23,558,987	15.00	0%	5,486,510	6.67%
	398 Miscellaneous Equipment	2,285,630	1,253,867	24.00	0%	95,235	4.17%
	General Plant Reserve Deficiency		9,844,773	6.42	0%	1,534,250	15.58%
	Total General Amortized	\$ 315,369,755	\$ 115,086,028			\$ 23,606,391	

Note:
(A) Remaining 10 year amortization for general plant reserve deficiency approved in Docket 43695 effective June 2015

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rate
Hale Wind Project

Production Unit	FERC Account	Description	In Service Date	Retire Date	Total Life	Interim Net Salvage %	Terminal Dismantling %	Composite Net Salvage %	Accrual Rate
Hale Wind Project									
341		Structures and Improvements	2019	2044	25	0.00%	-1.71%	-1.71%	4.07%
342		Fuel Holders and Accessory Equipment	2019	2044	25	0.00%	-1.71%	-1.71%	4.07%
343		Prime Movers	2019	2044	25	0.00%	-1.71%	-1.71%	4.07%
344		Generators	2019	2044	25	0.00%	-1.71%	-1.71%	4.07%
345		Accessory Electric Equipment	2019	2044	25	0.00%	-1.71%	-1.71%	4.07%
346		Miscellaneous Power Plant Equipment	2019	2044	25	0.00%	-1.71%	-1.71%	4.07%

*Since Hale Wind Project will go in service in 2019 a whole life rate is computed for that plant.

APPENDIX B
Comparison of Approved vs Proposed Accrual Rates

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Notes	Proposed Depreciation Expense (5) = (4) x (1)	Difference (6) = (5) - (3)	
Intangible Plant											
303 Miscellaneous Intangible Plant											
	303	Software - 3 Year	2,014,163	33.33%		671,388	33.33%		671,388	-	
	303	Software - 5 Year	100,980,651	20.00%		20,196,130	20.00%		20,196,130	-	
	303	Software - 7 Year	-	NA		-	14.29%		-	-	
	303	Software - 10 Year	7,689,422	10.00%		768,942	10.00%		768,942	-	
	303	Software - 15 Year	70,623,927	6.67%	(E)	4,708,285	6.67%		4,708,285	-	
		Misc Intangible Plant - Total/Composite	181,303,163	14.53%		26,344,745	14.53%		26,344,745	-	
		Total Intangible Plant	181,303,163	14.53%		26,344,745	14.53%		26,344,745	-	
Steam Production											
Cunningham Common Facilities											
	310	Land Rights	53,100	1.21%		641	1.89%		1,002	361	
	311	Structures and Improvements	7,671,289	5.09%		390,339	4.39%		336,917	(53,422)	
	312	Boiler Plant Equipment	6,640,582	4.51%		298,278	4.06%		269,402	(28,876)	
	314	Turbogenerators	399,981	2.86%		11,420	4.94%		19,700	8,280	
	315	Accessory Electric Equipment	783,399	2.82%		22,101	3.32%		26,034	3,932	
	316	Miscellaneous Power Plant Equipment	1,518,322	2.45%		37,234	3.21%		48,717	11,483	
		Cunningham Common Facilities - Total/Composite	17,065,682	4.46%		761,013	4.11%		701,772	(59,242)	
Cunningham Unit 1											
	311	Structures and Improvements	2,390,443	1.34%		31,988	21.34%		510,232	478,234	
	312	Boiler Plant Equipment	8,208,183	6.02%		494,141	26.44%		2,170,621	1,676,481	
	314	Turbogenerators	6,137,045	3.36%		206,229	23.25%		1,427,007	1,220,778	
	315	Accessory Electric Equipment	935,547	4.46%		41,732	26.68%		249,576	207,844	
	316	Miscellaneous Power Plant Equipment	308,513	13.99%		43,148	33.37%		102,955	59,807	
		Cunningham Unit 1 - Total/Composite	17,879,731	4.55%		817,248	24.81%		4,460,392	3,643,144	
Cunningham Unit 2											
	311	Structures and Improvements	2,377,337	2.12%		50,285	7.01%		166,539	116,253	
	312	Boiler Plant Equipment	17,652,086	4.00%		706,684	7.65%		1,350,736	644,053	
	314	Turbogenerators	11,616,984	2.78%		323,254	6.39%		742,034	418,780	
	315	Accessory Electric Equipment	5,352,506	5.07%		271,517	7.83%		419,184	147,668	
	316	Miscellaneous Power Plant Equipment	134,895	4.85%		6,540	10.87%		14,667	8,127	
		Cunningham Unit 2 - Total/Composite	37,133,808	3.65%		1,358,279	7.25%		2,693,161	1,334,882	
Harrington Common Facilities											
	310	Land Rights	13,705	1.92%		263	2.44%		334	72	
	311	Structures and Improvements	26,337,880	2.40%		630,950	4.58%		1,206,091	575,141	
	312	Boiler Plant Equipment	15,956,561	2.23%		356,355	4.81%		768,209	411,854	
	314	Turbogenerators	3,146,873	2.24%		70,622	4.38%		137,978	67,356	
	315	Accessory Electric Equipment	1,199,779	2.16%		25,943	5.85%		70,172	44,229	
	316	Miscellaneous Power Plant Equipment	2,629,324	1.93%		50,859	3.85%		101,315	50,456	
		Harrington Common Facilities - Total/Composite	49,286,121	2.30%		1,134,982	4.63%		2,284,099	1,149,108	
Harrington Unit 1											
	311	Structures and Improvements	6,993,988	1.57%		108,129	2.49%		173,689	64,570	
	312	Boiler Plant Equipment	106,514,384	2.39%		2,545,800	3.35%		3,566,510	1,020,709	
	314	Turbogenerators	42,456,474	2.06%		873,882	3.63%		1,540,142	666,261	
	315	Accessory Electric Equipment	7,832,270	2.14%		167,483	3.19%		249,831	82,338	
	316	Miscellaneous Power Plant Equipment	966,618	1.92%		18,591	2.78%		26,871	8,280	
		Harrington Unit 1 - Total/Composite	164,759,735	2.26%		3,714,895	3.37%		5,557,053	1,842,158	

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Approved Total Depr Rate (A) (2)	Notes (3) = (1) x (2)	Proposed Depreciation Rate (4)	Notes (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference (6) = (5) - (3)
Harrington Unit 2	311	Structures and Improvements	6,123,513	1.74%		2.75%		168,618	61,794
Harrington Unit 2	312	Boiler Plant Equipment	112,965,832	2.17%		3.07%		3,468,354	1,012,138
Harrington Unit 2	314	Turbogenerators	48,509,437	2.23%		3.42%		1,661,445	579,442
Harrington Unit 2	315	Accessory Electric Equipment	5,908,413	2.11%		3.08%		181,858	57,197
Harrington Unit 2	316	Miscellaneous Power Plant Equipment	1,546,811	1.57%		2.40%		37,165	12,895
Harrington Unit 2 - Total/Composite			175,054,007	2.17%		3.15%		5,517,441	1,723,466
Harrington Unit 3	311	Structures and Improvements	9,357,166	1.62%		2.38%		222,249	70,662
Harrington Unit 3	312	Boiler Plant Equipment	120,540,206	1.93%		2.74%		3,302,529	981,527
Harrington Unit 3	314	Turbogenerators	54,024,505	1.96%		2.85%		1,540,394	482,595
Harrington Unit 3	315	Accessory Electric Equipment	6,045,955	1.66%		2.80%		169,440	68,319
Harrington Unit 3	316	Miscellaneous Power Plant Equipment	1,878,140	1.72%		2.37%		44,530	12,226
Harrington Unit 3 - Total/Composite			181,846,002	1.91%		2.75%		5,279,142	1,616,329
Jones Common Facilities	311	Structures and Improvements	9,045,042	1.71%		2.35%		212,713	57,971
Jones Common Facilities	312	Boiler Plant Equipment	12,167,839	1.77%		2.32%		282,748	66,805
Jones Common Facilities	314	Turbogenerators	7,885,491	1.55%		2.12%		167,050	44,715
Jones Common Facilities	315	Accessory Electric Equipment	2,560,333	1.93%		2.49%		63,741	14,455
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,666,003	1.57%		2.24%		82,009	24,438
Jones Common Facilities - Total/Composite			35,324,709	1.70%		2.29%		808,262	208,384
Jones Unit 1	310	Land Rights	108,562	2.937		3.66%		3,974	1,037
Jones Unit 1	311	Structures and Improvements	5,094,828	1.85%		4.07%		207,231	113,114
Jones Unit 1	312	Boiler Plant Equipment	23,143,052	2.85%		5.30%		1,227,129	588,247
Jones Unit 1	314	Turbogenerators	22,662,978	2.36%		5.44%		1,232,414	688,406
Jones Unit 1	315	Accessory Electric Equipment	2,767,418	3.94%		5.77%		159,651	50,532
Jones Unit 1	316	Miscellaneous Power Plant Equipment	756,086	1.36%		3.04%		23,019	12,752
Jones Unit 1 - Total/Composite			54,532,923	2.85%		5.23%		2,853,418	1,441,088
Jones Unit 2	311	Structures and Improvements	2,179,724	1.51%		3.79%		82,505	48,487
Jones Unit 2	312	Boiler Plant Equipment	16,282,969	2.12%		3.82%		621,953	277,047
Jones Unit 2	314	Turbogenerators	20,915,887	2.06%		4.48%		938,702	508,217
Jones Unit 2	315	Accessory Electric Equipment	2,913,009	2.90%		5.17%		150,597	68,195
Jones Unit 2	316	Miscellaneous Power Plant Equipment	588,526	1.54%		3.02%		16,101	8,898
Jones Unit 2 - Total/Composite			42,888,615	2.10%		4.22%		1,811,858	909,855
Maddox	310	Land Rights	19,971	1.76%		3.35%		669	318
Maddox	311	Structures and Improvements	4,909,575	3.07%		6.22%		306,350	154,803
Maddox	312	Boiler Plant Equipment	20,350,280	4.09%		6.76%		1,374,704	542,723
Maddox	314	Turbogenerators	12,709,583	3.17%		6.02%		765,253	362,079
Maddox	315	Accessory Electric Equipment	6,652,978	4.45%		6.45%		428,898	132,747
Maddox	316	Miscellaneous Power Plant Equipment	963,849	3.241		5.96%		57,456	24,215
Maddox - Total/Composite			45,606,237	3.76%		6.43%		2,932,330	1,216,885
Moore County	310	Land Rights	463	0.00%		0.00%		-	-
Moore County	310	Water Rights	17,164	0.00%		0.00%		-	-
Moore County - Total/Composite			17,627	0.00%		0.00%		-	-
Nichols Common Facilities	310	Land Rights	676,746	3.90%		4.71%		31,872	5,489
Nichols Common Facilities	311	Structures and Improvements	52,035,520	3.58%		5.55%		2,888,450	1,027,243
Nichols Common Facilities	312	Boiler Plant Equipment	10,680,419	3.12%		6.92%		736,611	395,681
Nichols Common Facilities	314	Turbogenerators	3,396,729	3.09%		5.11%		173,406	68,321
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724	3.42%		5.24%		120,406	41,778
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,341,972	2.62%		4.41%		103,366	42,086
Nichols Common Facilities - Total/Composite			71,430,108	3.45%		5.65%		4,046,151	1,550,609

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) X (2)	Proposed Depreciation Rate (4)	Notes	Proposed Depreciation Expense (5) = (4) X (1)	Difference (6) = (5) - (3)
Nichols Unit 1	311	Structures and Improvements	2,079,972	1.57%		32,620	8.65%		179,834	147,214
Nichols Unit 1	312	Boiler Plant Equipment	10,859,989	4.09%		444,423	9.18%		997,370	552,946
Nichols Unit 1	314	Turbogenerators	9,683,276	2.96%		286,460	7.96%		770,307	483,847
Nichols Unit 1	315	Accessory Electric Equipment	2,251,603	3.83%		86,178	9.22%		207,508	121,330
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700	3.79%		8,897	8.74%		20,506	11,609
Nichols Unit 1 - Total/Composite			25,109,140	3.42%		858,579	8.65%		2,175,525	1,316,946
Nichols Unit 2	311	Structures and Improvements	1,108,535	1.76%		18,507	5.77%		63,972	45,465
Nichols Unit 2	312	Boiler Plant Equipment	11,971,470	3.91%		468,240	8.35%		999,569	531,329
Nichols Unit 2	314	Turbogenerators	12,230,817	2.58%		315,592	8.78%		1,073,385	757,793
Nichols Unit 2	315	Accessory Electric Equipment	1,038,609	3.12%		32,415	7.05%		73,247	40,832
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	79,414	0.81%		644	5.01%		3,981	3,337
Nichols Unit 2 - Total/Composite			26,428,846	3.16%		835,398	8.38%		2,214,154	1,378,756
Nichols Unit 3	311	Structures and Improvements	1,592,946	1.76%		27,990	3.47%		55,347	27,357
Nichols Unit 3	312	Boiler Plant Equipment	19,913,278	2.66%		529,633	4.36%		887,956	358,124
Nichols Unit 3	314	Turbogenerators	20,314,607	2.43%		492,731	4.57%		927,601	434,870
Nichols Unit 3	315	Accessory Electric Equipment	2,256,197	2.98%		67,226	4.76%		107,402	40,177
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	319,173	2.84%		9,057	5.56%		17,745	8,688
Nichols Unit 3 - Total/Composite			44,396,201	2.54%		1,126,636	4.45%		1,876,051	849,215
Plant X Common Facilities	310	Water Rights	1,314,134	1.00%		13,103	2.96%		38,861	25,758
Plant X Common Facilities	311	Structures and Improvements	8,116,832	3.25%		263,765	8.63%		700,631	436,866
Plant X Common Facilities	312	Boiler Plant Equipment	4,498,544	3.04%		136,859	10.87%		489,131	352,272
Plant X Common Facilities	314	Turbogenerators	3,424,396	3.99%		136,558	13.53%		463,203	326,645
Plant X Common Facilities	315	Accessory Electric Equipment	124,534	3.95%		4,923	8.87%		11,050	6,127
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,503,059	3.06%		45,980	7.72%		116,064	70,084
Plant X Common Facilities - Total/Composite			18,981,469	3.17%		601,188	9.58%		1,818,940	1,217,751
Plant X Unit 1	311	Structures and Improvements	1,286,334	1.22%		15,714	20.11%		258,622	242,908
Plant X Unit 1	312	Boiler Plant Equipment	6,252,484	2.73%		170,461	21.32%		1,332,719	1,162,257
Plant X Unit 1	314	Turbogenerators	4,549,359	1.27%		57,731	19.93%		906,707	848,975
Plant X Unit 1	315	Accessory Electric Equipment	871,549	5.28%		45,988	28.31%		246,762	200,774
Plant X Unit 1 - Total/Composite			12,959,727	2.24%	(F)	289,895	21.18%		2,744,809	2,454,914
Plant X Unit 2	311	Structures and Improvements	1,021,771	1.75%		17,929	19.71%		201,435	183,506
Plant X Unit 2	312	Boiler Plant Equipment	16,241,946	3.63%		589,177	22.22%		3,608,979	3,019,803
Plant X Unit 2	314	Turbogenerators	6,735,026	2.23%		150,440	20.12%		1,355,229	1,204,789
Plant X Unit 2	315	Accessory Electric Equipment	613,416	1.11%		6,811	19.07%		117,003	110,192
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,890	3.53%		1,868	21.28%		11,254	9,386
Plant X Unit 2 - Total/Composite			24,665,049	3.11%		766,225	21.46%		5,293,902	4,527,677
Plant X Unit 3	311	Structures and Improvements	1,034,626	1.96%		20,314	5.86%		60,662	40,348
Plant X Unit 3	312	Boiler Plant Equipment	8,456,316	2.86%		241,969	6.46%		546,569	304,600
Plant X Unit 3	314	Turbogenerators	7,508,924	2.67%		200,428	6.17%		463,161	262,733
Plant X Unit 3	315	Accessory Electric Equipment	976,256	3.60%		35,141	6.93%		67,630	32,489
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	977,798	3.17%		31,014	6.54%		63,987	32,973
Plant X Unit 3 - Total/Composite			18,953,919	2.79%		528,866	6.34%		1,202,009	673,143
Plant X Unit 4	311	Structures and Improvements	1,836,578	1.73%		31,793	6.08%		111,727	79,934
Plant X Unit 4	312	Boiler Plant Equipment	18,044,134	2.91%		525,409	5.05%		912,129	386,720
Plant X Unit 4	314	Turbogenerators	13,769,136	2.78%		382,796	5.71%		785,813	403,017
Plant X Unit 4	315	Accessory Electric Equipment	1,813,628	2.90%		52,579	4.91%		88,984	36,405
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046	3.94%		6,469	7.11%		11,658	5,192
Plant X Unit 4 - Total/Composite			35,627,522	2.80%		999,043	5.36%		1,910,310	911,267

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018	Approved Total Depr Rate (A)	Notes	Depreciation Expense At Approved Rates	Proposed Depreciation Rate	Notes	Proposed Depreciation Expense	Difference
			(1)	(2)	(3)	(3) = (1) x (2)	(4)	(4)	(5) = (4) x (1)	(6) = (5) - (3)
Riverview	310	Land Rights	1,245	0.00%		-	-	-	-	-
		Riverview - Total/Composite	1,245	0.00%		-	-	-	-	-
Tolk Common Facilities	310	Water Rights	10,220,448	4.10%	(C)	418,865	5.14%		525,423	106,558
	311	Structures and Improvements	31,860,962	4.13%	(C)	1,315,539	11.71%		3,751,710	2,416,171
	312	Boiler Plant Equipment	16,865,777	3.54%	(C)	597,706	9.96%		1,680,331	1,082,625
	314	Turbogenerators	11,467,141	3.74%	(C)	428,768	10.19%		1,168,288	739,520
	315	Accessory Electric Equipment	-	5.62%	(C)	-	9.93%		-	-
	316	Miscellaneous Power Plant Equipment	3,406,289	2.50%	(C)	85,253	6.63%		225,823	140,571
		Tolk Common Facilities - Total/Composite	73,820,616	3.86%	(C)	2,846,130	9.93%		7,351,575	4,485,444
Tolk 1	310	Land Rights	19,917	1.69%	(C)	336	2.74%		546	211
	311	Structures and Improvements	19,801,317	2.13%	(C)	420,798	3.11%		615,835	195,038
	312	Boiler Plant Equipment	191,862,522	2.59%	(C)	4,959,646	3.71%		7,114,909	2,155,263
	314	Turbogenerators	61,261,005	2.20%	(C)	1,345,047	3.16%		1,937,674	592,628
	315	Accessory Electric Equipment	3,587,978	2.13%	(C)	76,273	3.18%		114,233	37,960
	316	Miscellaneous Power Plant Equipment	521,526	2.24%	(C)	11,689	3.35%		17,521	5,832
		Tolk 1 - Total/Composite	277,054,265	2.46%	(C)	6,813,788	3.54%		9,800,719	2,986,931
Tolk 2	310	Land Rights	277,377	1.82%	(C)	5,060	2.74%		7,608	2,548
	311	Structures and Improvements	9,713,838	2.32%	(C)	225,002	3.25%		315,748	90,747
	312	Boiler Plant Equipment	210,860,524	2.84%	(C)	5,983,167	3.74%		7,895,580	1,903,412
	314	Turbogenerators	79,132,275	2.59%	(C)	2,025,074	3.29%		2,599,613	574,539
	315	Accessory Electric Equipment	3,292,957	2.55%	(C)	83,882	4.34%		142,988	59,117
	316	Miscellaneous Power Plant Equipment	2,241,379	2.19%	(C)	49,100	2.99%		67,122	18,022
		Tolk 2 - Total/Composite	305,518,350	2.74%	(C)	8,371,284	3.61%		11,019,669	2,648,384
Tolk Common Reeling 2055	310	Water Rights TX	5,740,159	4.10%	(C)	237,011	0.00%		167,105	(69,906)
	311	Structures and Improvements	481,278	3.54%	(C)	17,056	3.00%		14,454	(2,602)
	312	Boiler Plant Equipment	1,937,671	3.74%	(C)	72,451	3.05%		59,030	(13,422)
	314	Turbogenerators	22,551	5.62%	(C)	1,267	3.31%		746	(521)
	315	Accessory Electric Equipment	3,736,234	2.50%	(C)	93,510	2.42%		90,353	(3,158)
	316	Miscellaneous Power Plant Equipment	11,917,894	3.53%	(C)	421,296	2.78%		331,687	(89,609)
		Tolk Common Reeling - Total/Composite	30,095,886	3.53%	(C)	772,601	2.78%		643,375	(129,226)
Tolk 1 Reiling 2055	310	Land Rights TX	-	1.69%	(C)	-	0.00%		-	-
	311	Structures and Improvements	12,374,235	2.13%	(C)	262,565	1.74%		215,120	(47,444)
	312	Boiler Plant Equipment	7,127,683	2.59%	(C)	184,251	1.70%		121,435	(62,816)
	314	Turbogenerators	15,404,390	2.20%	(C)	338,219	1.75%		269,522	(68,697)
	315	Accessory Electric Equipment	12,860,737	2.13%	(C)	273,394	1.80%		230,892	(42,502)
	316	Miscellaneous Power Plant Equipment	199,904	2.24%	(C)	4,480	1.64%		3,272	(1,208)
		Tolk 1 - Total/Composite	47,966,946	2.22%	(C)	1,063,306	1.75%		840,241	(223,067)
Tolk 2 Reiling 2055	310	Land Rights TX	-	1.82%	(C)	-	0.00%		-	-
	311	Structures and Improvements	8,645,191	2.32%	(C)	200,249	1.69%		146,126	(54,122)
	312	Boiler Plant Equipment	8,030,975	2.84%	(C)	227,879	1.71%		137,393	(90,486)
	314	Turbogenerators	27,246,395	2.56%	(C)	697,263	2.08%		565,576	(131,686)
	315	Accessory Electric Equipment	8,914,265	2.55%	(C)	227,073	1.93%		171,600	(55,473)
	316	Miscellaneous Power Plant Equipment	1,318,439	2.19%	(C)	28,892	1.72%		22,733	(6,149)
		Tolk 2 - Total/Composite	54,155,264	2.55%	(C)	1,381,345	1.93%		1,043,428	(337,917)
Total Steam Production Plant			1,880,462,991	2.62%		49,238,596	4.71%		65,643,938	39,405,602

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Approved Total Depr Rate (A) (2)	Notes (C)	Depreciation Expense At Approved Rates (3) = (1) X (2)	Proposed Depreciation Rate (4)	Notes	Proposed Depreciation Expense (5) = (4) X (1)	Difference (6) = (5) - (3)
Other Production										
	342	Fuel Holders and Accessory Equipment	4,054,689	1.54%	(C)	62,637	2.71%		110,018	47,381
		Blackhawk - Total/Composite	4,054,689	1.54%		62,637	2.71%		110,018	47,381
	341	Structures and Improvements	588,074	2.32%		13,667	2.83%		16,630	2,963
	342	Fuel Holders and Accessory Equipment	1,502,692	3.07%		46,169	3.17%		47,684	1,515
	343	Prime Movers	50,206,735	2.45%		1,232,174	2.70%		1,354,481	122,307
	344	Generators	13,132,851	2.95%		367,380	3.96%		519,505	132,126
	345	Accessory Electric Equipment	5,919,580	2.35%		139,365	2.58%		152,582	13,217
	346	Miscellaneous Power Plant Equipment	1,140,410	2.83%		32,245	3.12%		35,608	3,363
		Cunningham - Total/Composite	72,480,341	2.65%		1,850,866	2.93%		2,126,490	275,624
	341	Structures and Improvements	4,748,588	2.21%		104,915	2.20%		104,700	(215)
	342	Fuel Holders and Accessory Equipment	(0)	2.21%	(O)	(0)	2.21%		(0)	0
	343	Prime Movers	10,724	2.21%		237	1.93%		207	(29)
	344	Generators	66,479,720	2.21%		1,468,803	2.21%		1,466,683	(2,120)
	345	Accessory Electric Equipment	10,399,410	2.21%		229,765	2.20%		229,293	(472)
	346	Miscellaneous Power Plant Equipment	1,591,994	2.12%		33,715	2.20%		35,101	1,386
		Jones Unit 3 - Total/Composite	83,230,435	2.21%		1,837,435	2.21%		1,835,984	(1,450)
	341	Structures and Improvements	6,505,115	2.23%		145,162	2.21%		143,542	(1,620)
	342	Fuel Holders and Accessory Equipment	-	2.23%		-	2.21%		-	-
	343	Prime Movers	-	2.23%		-	2.21%		-	-
	344	Generators	65,249,124	2.23%		1,456,034	2.21%		1,440,768	(15,266)
	345	Accessory Electric Equipment	10,703,795	2.23%		238,855	2.21%		236,190	(2,666)
	346	Miscellaneous Power Plant Equipment	1,156,889	2.23%		26,709	2.21%		26,411	(298)
		Jones Unit 4 - Total/Composite	83,654,923	2.23%		1,866,760	2.21%		1,846,910	(19,849)
	341	Structures and Improvements	1,643,938	2.90%		47,687	4.14%		68,133	20,445
	342	Fuel Holders and Accessory Equipment	512,896	1.26%		6,475	2.47%		12,683	6,208
	343	Prime Movers	-	1.89%	(H)	-	3.37%		-	-
	344	Generators	15,428,875	1.71%		264,142	3.16%		487,244	223,102
	345	Accessory Electric Equipment	1,627,920	3.56%		57,967	4.67%		76,027	18,061
	346	Miscellaneous Power Plant Equipment	169,443	4.63%		7,851	5.41%		9,166	1,315
		Maddox - Total/Composite	19,353,062	1.98%		384,122	3.37%		653,253	269,130
	341	Structures and Improvements	916,182	4.70%		43,032	4.72%		43,246	213
	342	Fuel Holders and Accessory Equipment	1,575	2.88%		45	3.19%		50	5
	343	Prime Movers	4,620,155	1.49%		68,942	2.02%		93,505	24,563
	344	Generators	17,151,429	4.44%		761,146	4.51%		773,325	12,179
	345	Accessory Electric Equipment	3,065,104	4.13%		126,586	4.35%		133,449	6,864
	346	Miscellaneous Power Plant Equipment	646,793	4.27%		27,595	4.36%		28,171	575
		Quay County - Total/Composite	26,401,239	3.89%		1,027,347	4.05%		1,071,746	44,399
	340	Land and Water Rights	676	0.00%		-	0.00%		-	-
		Riverview - Total/Composite	676	0.00%		-	0.00%		-	-
Total Other Production Plant			289,215,365	2.43%		7,029,299	2.64%		7,644,402	615,102
Total Production Plant			2,169,678,356			66,267,895			96,292,499	40,024,604

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense		Proposed Depreciation Rate (4)	Notes	Proposed Depreciation Expense (5) = (4) X (1)	Difference (6) = (5) - (3)
						At Approved Rates (3) = (1) X (2)	(3)				
		Transmission									
	3502	Land Rights	151,888,969	1.25%		1,892,537	1.27%			1,936,404	43,868
	352	Structures & Improvements	101,632,641	1.68%		1,704,888	1.91%			1,941,990	237,103
	353	Station Equipment	1,108,171,071	2.09%		23,215,076	2.32%			25,745,127	2,530,051
	354	Towers & Fixtures	8,177,682	1.39%		113,408	1.53%			125,082	11,674
	355	Poles & Fixtures	1,160,752,855	2.54%		29,443,657	3.53%			40,961,092	11,517,435
	356	Overhead Conductors & Devices	446,002,528	2.75%		12,247,675	3.01%			13,423,070	1,181,394
	357	Underground Conduit	272,859	1.29%		3,531	1.62%			4,422	891
	358	Underground Conductor & Devices	489,717	2.17%		10,613	2.74%			13,439	2,826
	359	Roads and Trails	517,736	1.68%	(D)	8,685	1.55%			8,044	(641)
		Total Transmission Plant	2,977,906,068	2.30%		68,640,070	2.83%			84,164,689	15,524,600
		Distribution (TX Only)									
	3602	Land Rights	2,745,173	1.41%		38,636	1.43%			39,202	566
	361	Structures & Improvements	14,411,029	1.80%		259,312	1.57%			228,410	(32,902)
	362	Station Equipment	170,237,039	2.06%		3,503,997	2.27%			3,872,485	368,488
	364	Poles, Towers & Fixtures	200,626,063	2.79%		5,602,282	3.30%			6,622,220	1,019,938
	365	Overhead Conductors & Devices	169,511,992	2.94%		4,985,178	3.19%			5,408,058	422,879
	366	Underground Conduit	19,054,496	1.95%		372,344	1.76%			336,030	(36,314)
	367	Underground Conductor & Devices	34,104,914	2.51%		855,999	2.45%			836,185	(19,804)
	368	Line Transformers	148,560,954	2.82%		3,895,417	2.39%			3,550,694	(344,723)
	369	Services	60,121,851	2.92%		1,755,678	2.91%			1,752,425	(3,253)
	370	Meters	41,048,433	2.74%		1,123,988	3.66%			1,503,327	379,339
	371	Installations on Customers' Premises	-	4.41%		-	4.42%			-	-
	373	Street Lighting & Signal Systems	17,507,832	3.53%	(I)	618,867	4.10%			717,713	98,846
		Total Distribution Plant TX Only	877,930,177	2.82%		23,011,638	2.83%			24,854,768	1,853,060

Southwestern Public Service Company - Texas
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Approved Total Depr Rate (A) (2)	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Notes	Proposed Depreciation Expense (5) = (4) x (1)	Difference (6) = (5) - (3)
		General Depreciated							
	389 002	Land Rights	45,967	2.47%	1,136	1.76%		809	(327)
	390	Structures & Improvements	68,728,412	2.54%	1,743,365	2.13%	(B)	1,463,647	(279,718)
	390 007	Structures & Improvements - Leasehold	4,232,845	(B)					
		Total General Depreciated	73,007,224	2.54%	1,744,501	2.13%		1,464,456	(280,044)
		General Amortized After Retirement of Assets > ASL							
	391	Office Furniture & Equipment	15,816,085	4.00%	632,643	5.00%		790,804	158,161
	391	Computer Equipment	62,858,242	20.00%	12,571,648	20.00%		12,571,648	-
	392 01	Transportation Equipment - Autos	3,199,963	9.10%	291,197	9.00%		287,987	(3,200)
	392 02	Transportation Equipment - Light Trucks	34,619,349	9.30%	3,219,599	8.80%		3,046,503	(173,097)
	392 03	Transportation Equipment - Trailers	7,549,345	6.07%	458,002	5.93%		447,934	(10,068)
	392 04	Transportation Equipment - Heavy Trucks	42,554,006	7.83%	3,333,383	7.42%		3,156,089	(177,294)
	393	Stores Equipment	363,950	2.86%	10,398	2.86%		10,399	0
	394	Tools, Shop & Garage Equipment	43,989,343	2.86%	1,256,820	2.86%		1,256,838	19
	395	Laboratory Equipment	6,962,017	4.00%	278,481	4.00%		278,481	-
	396	Power Operated Equipment	12,874,059	4.74%	609,819	5.00%		643,703	33,885
	397	Communication Equipment	82,297,656	6.93%	5,705,943	6.67%		5,486,510	(219,433)
	398	Miscellaneous Equipment	2,285,630	4.17%	95,235	4.17%		95,235	(1)
		Total Amortization	315,369,755		28,463,169			28,072,141	(391,029)
		Reserve Deficiency over 10 years for AR 15 Assets			1,662,505			1,534,250	(128,255)
		Total General Amortized After Retirement of Assets > ASL	315,369,755	9.35%	30,125,674	9.39%		29,606,391	(519,283)
		Total General Plant	385,376,979	8.30%	31,870,175	8.09%		31,070,847	(799,328)
		Total Electric Plant	6,595,199,734		206,134,583			262,737,520	56,602,936

Notes
(A) Approved rates from Docket No. 43695, unless noted otherwise
(B) Assets amortized over the lease term
(C) SPS owns the Blackhawk pipeline, but does not own the Blackhawk plant. SPS has a purchase power agreement for power from the Blackhawk plant
(D) Account 359 approved rates and parameters from Docket No. 43695 based on account 352
(E) Approved 15 Year Life in Docket No. 45224
(F) Plant X Unit 1, account 316, approved rates from Docket No. 43695 based on composite depreciation rate of Plant X Unit 1, accounts 311-315
(G) Order on Docket No. 47527 allowed half the depreciation expense requested which equated to accrual rates using a 2037 retirement date
(H) Maddox Unit 1, account 343, approved rates from Docket No. 43695 based on composite depreciation rate of Maddox accounts 341-346, excluding 343
(I) There is currently no balance in this account. When plant is recorded to this account, SPS requests authorization to use the depreciation rate listed, which represents the whole life

APPENDIX C
Comparison of Depreciation Parameters

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters
At December 31, 2016

Generating Unit	FERC Account	Description	Approved (A)					Proposed					Difference				
			Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	N	Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	N	Retirement Date	Interim Retirement ASL	Interim Net Salvage %	Total Net Salvage %	N
Steam Production																	
Cunningham Common Facilities		310 Land Rights	2025	NA	0.00%	0.00%		2040	NA	0.00%	0.00%		15	NA	0.00%	0.00%	
Cunningham Common Facilities		311 Structures and Improvements	2025	NA	-2.00%	-3.02%		2040	NA	0.00%	-3.02%		15	NA	0.00%	-3.102%	
Cunningham Common Facilities		312 Boiler Plant Equipment	2025	NA	-2.00%	-3.02%		2040	NA	0.00%	-3.02%		15	NA	0.00%	-3.102%	
Cunningham Common Facilities		313 Turbogenerators	2025	NA	-2.00%	-3.02%		2040	NA	0.00%	-3.02%		15	NA	0.00%	-3.102%	
Cunningham Common Facilities		314 Turbogenerators	2025	NA	-2.00%	-3.02%		2040	NA	0.00%	-3.02%		15	NA	0.00%	-3.102%	
Cunningham Common Facilities		315 Accessory Electric Equipment	2025	NA	-2.00%	-3.02%		2040	NA	0.00%	-3.02%		15	NA	0.00%	-3.102%	
Cunningham Common Facilities		316 Miscellaneous Power Plant Equipment	2025	NA	-2.00%	-3.02%		2040	NA	0.00%	-3.02%		15	NA	0.00%	-3.102%	
Cunningham Unit 1		311 Structures and Improvements	2019	NA	-2.00%	-24.61%		2019	NA	0.00%	-24.61%		0	NA	0.00%	-22.61%	
Cunningham Unit 1		312 Boiler Plant Equipment	2019	NA	-2.00%	-24.61%		2019	NA	0.00%	-24.61%		0	NA	0.00%	-22.61%	
Cunningham Unit 1		313 Turbogenerators	2019	NA	-2.00%	-24.61%		2019	NA	0.00%	-24.61%		0	NA	0.00%	-22.61%	
Cunningham Unit 1		314 Turbogenerators	2019	NA	-2.00%	-24.61%		2019	NA	0.00%	-24.61%		0	NA	0.00%	-22.61%	
Cunningham Unit 1		315 Accessory Electric Equipment	2019	NA	-2.00%	-24.61%		2019	NA	0.00%	-24.61%		0	NA	0.00%	-22.61%	
Cunningham Unit 1		316 Miscellaneous Power Plant Equipment	2019	NA	-2.00%	-24.61%		2019	NA	0.00%	-24.61%		0	NA	0.00%	-22.61%	
Cunningham Unit 2		311 Structures and Improvements	2025	NA	-2.00%	-16.84%		2025	NA	0.00%	-16.84%		0	NA	0.00%	-14.84%	
Cunningham Unit 2		312 Boiler Plant Equipment	2025	NA	-2.00%	-16.84%		2025	NA	0.00%	-16.84%		0	NA	0.00%	-14.84%	
Cunningham Unit 2		313 Turbogenerators	2025	NA	-2.00%	-16.84%		2025	NA	0.00%	-16.84%		0	NA	0.00%	-14.84%	
Cunningham Unit 2		314 Turbogenerators	2025	NA	-2.00%	-16.84%		2025	NA	0.00%	-16.84%		0	NA	0.00%	-14.84%	
Cunningham Unit 2		315 Accessory Electric Equipment	2025	NA	-2.00%	-16.84%		2025	NA	0.00%	-16.84%		0	NA	0.00%	-14.84%	
Cunningham Unit 2		316 Miscellaneous Power Plant Equipment	2025	NA	-2.00%	-16.84%		2025	NA	0.00%	-16.84%		0	NA	0.00%	-14.84%	
Harrington Common Facilities		310 Land Rights	2040	NA	0.00%	0.00%		2040	NA	0.00%	0.00%		0	NA	0.00%	0.00%	
Harrington Common Facilities		311 Structures and Improvements	2040	NA	-2.00%	-5.85%		2040	NA	0.00%	-5.85%		0	NA	0.00%	-5.695%	
Harrington Common Facilities		312 Boiler Plant Equipment	2040	NA	-2.00%	-5.85%		2040	NA	0.00%	-5.85%		0	NA	0.00%	-5.695%	
Harrington Common Facilities		313 Turbogenerators	2040	NA	-2.00%	-5.85%		2040	NA	0.00%	-5.85%		0	NA	0.00%	-5.695%	
Harrington Common Facilities		314 Turbogenerators	2040	NA	-2.00%	-5.85%		2040	NA	0.00%	-5.85%		0	NA	0.00%	-5.695%	
Harrington Common Facilities		315 Accessory Electric Equipment	2040	NA	-2.00%	-5.85%		2040	NA	0.00%	-5.85%		0	NA	0.00%	-5.695%	
Harrington Common Facilities		316 Miscellaneous Power Plant Equipment	2040	NA	-2.00%	-5.85%		2040	NA	0.00%	-5.85%		0	NA	0.00%	-5.695%	
Harrington Unit 1		311 Structures and Improvements	2036	NA	-2.00%	-5.35%		2036	NA	0.00%	-5.35%		0	NA	0.00%	-3.35%	
Harrington Unit 1		312 Boiler Plant Equipment	2036	NA	-2.00%	-5.35%		2036	NA	0.00%	-5.35%		0	NA	0.00%	-3.35%	
Harrington Unit 1		313 Turbogenerators	2036	NA	-2.00%	-5.35%		2036	NA	0.00%	-5.35%		0	NA	0.00%	-3.35%	
Harrington Unit 1		314 Turbogenerators	2036	NA	-2.00%	-5.35%		2036	NA	0.00%	-5.35%		0	NA	0.00%	-3.35%	
Harrington Unit 1		315 Accessory Electric Equipment	2036	NA	-2.00%	-5.35%		2036	NA	0.00%	-5.35%		0	NA	0.00%	-3.35%	
Harrington Unit 1		316 Miscellaneous Power Plant Equipment	2036	NA	-2.00%	-5.35%		2036	NA	0.00%	-5.35%		0	NA	0.00%	-3.35%	
Harrington Unit 2		311 Structures and Improvements	2038	NA	-2.00%	-4.92%		2038	NA	0.00%	-4.92%		0	NA	0.00%	-2.92%	
Harrington Unit 2		312 Boiler Plant Equipment	2038	NA	-2.00%	-4.92%		2038	NA	0.00%	-4.92%		0	NA	0.00%	-2.92%	
Harrington Unit 2		313 Turbogenerators	2038	NA	-2.00%	-4.92%		2038	NA	0.00%	-4.92%		0	NA	0.00%	-2.92%	
Harrington Unit 2		314 Turbogenerators	2038	NA	-2.00%	-4.92%		2038	NA	0.00%	-4.92%		0	NA	0.00%	-2.92%	
Harrington Unit 2		315 Accessory Electric Equipment	2038	NA	-2.00%	-4.92%		2038	NA	0.00%	-4.92%		0	NA	0.00%	-2.92%	
Harrington Unit 2		316 Miscellaneous Power Plant Equipment	2038	NA	-2.00%	-4.92%		2038	NA	0.00%	-4.92%		0	NA	0.00%	-2.92%	
Harrington Unit 3		311 Structures and Improvements	2040	NA	-2.00%	-4.15%		2040	NA	0.00%	-4.15%		0	NA	0.00%	-2.15%	
Harrington Unit 3		312 Boiler Plant Equipment	2040	NA	-2.00%	-4.15%		2040	NA	0.00%	-4.15%		0	NA	0.00%	-2.15%	
Harrington Unit 3		313 Turbogenerators	2040	NA	-2.00%	-4.15%		2040	NA	0.00%	-4.15%		0	NA	0.00%	-2.15%	
Harrington Unit 3		314 Turbogenerators	2040	NA	-2.00%	-4.15%		2040	NA	0.00%	-4.15%		0	NA	0.00%	-2.15%	
Harrington Unit 3		315 Accessory Electric Equipment	2040	NA	-2.00%	-4.15%		2040	NA	0.00%	-4.15%		0	NA	0.00%	-2.15%	
Harrington Unit 3		316 Miscellaneous Power Plant Equipment	2040	NA	-2.00%	-4.15%		2040	NA	0.00%	-4.15%		0	NA	0.00%	-2.15%	
Jones Common Facilities		311 Structures and Improvements	2058	NA	-2.00%	-22.37%		2058	NA	0.00%	-22.37%		0	NA	0.00%	-20.37%	
Jones Common Facilities		312 Boiler Plant Equipment	2058	NA	-2.00%	-22.37%		2058	NA	0.00%	-22.37%		0	NA	0.00%	-20.37%	
Jones Common Facilities		313 Turbogenerators	2058	NA	-2.00%	-22.37%		2058	NA	0.00%	-22.37%		0	NA	0.00%	-20.37%	
Jones Common Facilities		314 Turbogenerators	2058	NA	-2.00%	-22.37%		2058	NA	0.00%	-22.37%		0	NA	0.00%	-20.37%	
Jones Common Facilities		315 Accessory Electric Equipment	2058	NA	-2.00%	-22.37%		2058	NA	0.00%	-22.37%		0	NA	0.00%	-20.37%	
Jones Common Facilities		316 Miscellaneous Power Plant Equipment	2058	NA	-2.00%	-22.37%		2058	NA	0.00%	-22.37%		0	NA	0.00%	-20.37%	
Jones Unit 1		310 Land Rights	2031	NA	0.00%	0.00%		2031	NA	0.00%	0.00%		0	NA	0.00%	0.00%	
Jones Unit 1		311 Structures and Improvements	2031	NA	-2.00%	-17.56%		2031	NA	0.00%	-17.56%		0	NA	0.00%	-15.56%	
Jones Unit 1		312 Boiler Plant Equipment	2031	NA	-2.00%	-17.56%		2031	NA	0.00%	-17.56%		0	NA	0.00%	-15.56%	
Jones Unit 1		313 Turbogenerators	2031	NA	-2.00%	-17.56%		2031	NA	0.00%	-17.56%		0	NA	0.00%	-15.56%	
Jones Unit 1		314 Turbogenerators	2031	NA	-2.00%	-17.56%		2031	NA	0.00%	-17.56%		0	NA	0.00%	-15.56%	
Jones Unit 1		315 Accessory Electric Equipment	2031	NA	-2.00%	-17.56%		2031	NA	0.00%	-17.56%		0	NA	0.00%	-15.56%	
Jones Unit 1		316 Miscellaneous Power Plant Equipment	2031	NA	-2.00%	-17.56%		2031	NA	0.00%	-17.56%		0	NA	0.00%	-15.56%	

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters
As of December 31, 2019

Generating Unit	FERC Account	Description	Approved (A)				Proposed				Difference					
			Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Retirement ASL	Interim Net Salvage %	Total Net Salvage %		
															N	t
Jones Unit 2		311 Structures and Improvements	2034	NA	0.00%	0.00%	-2.00%	2034	NA	0.00%	0.00%	-2.00%	0	NA	0.00%	-20.96%
Jones Unit 2		312 Boiler Plant Equipment	2034	NA	0.00%	-2.00%	-2.00%	2034	NA	0.00%	0.00%	-2.00%	0	NA	0.00%	-20.96%
Jones Unit 2		314 Turbogenerators	2034	NA	0.00%	-2.00%	-2.00%	2034	NA	0.00%	0.00%	-2.00%	0	NA	0.00%	-20.96%
Jones Unit 2		315 Accessory Electric Equipment	2034	NA	0.00%	-2.00%	-2.00%	2034	NA	0.00%	0.00%	-2.00%	0	NA	0.00%	-20.96%
Jones Unit 2		316 Miscellaneous Power Plant Equipment	2034	NA	0.00%	-2.00%	-2.00%	2034	NA	0.00%	0.00%	-2.00%	0	NA	0.00%	-20.96%
Maddox		310 Land Rights	2028	NA	0.00%	0.00%	0.00%	2028	NA	0.00%	0.00%	0.00%	0	NA	0.00%	0.00%
Maddox		311 Structures and Improvements	2028	NA	0.00%	-2.00%	-2.00%	2028	NA	0.00%	0.00%	-18.65%	0	NA	0.00%	-16.65%
Maddox		312 Boiler Plant Equipment	2028	NA	0.00%	-2.00%	-2.00%	2028	NA	0.00%	0.00%	-18.65%	0	NA	0.00%	-16.65%
Maddox		314 Turbogenerators	2028	NA	0.00%	-2.00%	-2.00%	2028	NA	0.00%	0.00%	-18.65%	0	NA	0.00%	-16.65%
Maddox		315 Accessory Electric Equipment	2028	NA	0.00%	-2.00%	-2.00%	2028	NA	0.00%	0.00%	-18.65%	0	NA	0.00%	-16.65%
Maddox		316 Miscellaneous Power Plant Equipment	2028	NA	0.00%	-2.00%	-2.00%	2028	NA	0.00%	0.00%	-18.65%	0	NA	0.00%	-16.65%
Moore County		310 Land Rights	NA	NA	0.00%	0.00%	0.00%	Retired	0.00%	0.00%	0.00%	0.00%	NA	NA	0.00%	0.00%
Moore County		310 Water Rights	NA	NA	0.00%	0.00%	0.00%	Retired	0.00%	0.00%	0.00%	0.00%	NA	NA	0.00%	0.00%
Nichols Common Facilities		310 Land Rights	2030	NA	0.00%	0.00%	0.00%	2030	0.00%	0.00%	0.00%	0.00%	0	NA	0.00%	0.00%
Nichols Common Facilities		311 Structures and Improvements	2030	NA	0.00%	-2.00%	-2.00%	2030	0.00%	0.00%	0.00%	-20.30%	0	NA	0.00%	-18.30%
Nichols Common Facilities		312 Boiler Plant Equipment	2030	NA	0.00%	-2.00%	-2.00%	2030	0.00%	0.00%	0.00%	-20.30%	0	NA	0.00%	-18.30%
Nichols Common Facilities		314 Turbogenerators	2030	NA	0.00%	-2.00%	-2.00%	2030	0.00%	0.00%	0.00%	-20.30%	0	NA	0.00%	-18.30%
Nichols Common Facilities		315 Accessory Electric Equipment	2030	NA	0.00%	-2.00%	-2.00%	2030	0.00%	0.00%	0.00%	-20.30%	0	NA	0.00%	-18.30%
Nichols Common Facilities		316 Miscellaneous Power Plant Equipment	2030	NA	0.00%	-2.00%	-2.00%	2030	0.00%	0.00%	0.00%	-20.30%	0	NA	0.00%	-18.30%
Nichols Unit 1		311 Structures and Improvements	2022	NA	0.00%	-2.00%	-2.00%	2022	-18.40%	0.00%	0.00%	-16.40%	0	NA	0.00%	-14.40%
Nichols Unit 1		312 Boiler Plant Equipment	2022	NA	0.00%	-2.00%	-2.00%	2022	-18.40%	0.00%	0.00%	-16.40%	0	NA	0.00%	-14.40%
Nichols Unit 1		314 Turbogenerators	2022	NA	0.00%	-2.00%	-2.00%	2022	-18.40%	0.00%	0.00%	-16.40%	0	NA	0.00%	-14.40%
Nichols Unit 1		315 Accessory Electric Equipment	2022	NA	0.00%	-2.00%	-2.00%	2022	-18.40%	0.00%	0.00%	-16.40%	0	NA	0.00%	-14.40%
Nichols Unit 1		316 Miscellaneous Power Plant Equipment	2022	NA	0.00%	-2.00%	-2.00%	2022	-18.40%	0.00%	0.00%	-16.40%	0	NA	0.00%	-14.40%
Nichols Unit 2		311 Structures and Improvements	2023	NA	0.00%	-2.00%	-2.00%	2023	-15.52%	0.00%	0.00%	-15.52%	0	NA	0.00%	-13.52%
Nichols Unit 2		312 Boiler Plant Equipment	2023	NA	0.00%	-2.00%	-2.00%	2023	-15.52%	0.00%	0.00%	-15.52%	0	NA	0.00%	-13.52%
Nichols Unit 2		314 Turbogenerators	2023	NA	0.00%	-2.00%	-2.00%	2023	-15.52%	0.00%	0.00%	-15.52%	0	NA	0.00%	-13.52%
Nichols Unit 2		315 Accessory Electric Equipment	2023	NA	0.00%	-2.00%	-2.00%	2023	-15.52%	0.00%	0.00%	-15.52%	0	NA	0.00%	-13.52%
Nichols Unit 2		316 Miscellaneous Power Plant Equipment	2023	NA	0.00%	-2.00%	-2.00%	2023	-15.52%	0.00%	0.00%	-15.52%	0	NA	0.00%	-13.52%
Nichols Unit 3		311 Structures and Improvements	2030	NA	0.00%	-2.00%	-2.00%	2030	-14.14%	0.00%	0.00%	-14.14%	0	NA	0.00%	-12.14%
Nichols Unit 3		312 Boiler Plant Equipment	2030	NA	0.00%	-2.00%	-2.00%	2030	-14.14%	0.00%	0.00%	-14.14%	0	NA	0.00%	-12.14%
Nichols Unit 3		314 Turbogenerators	2030	NA	0.00%	-2.00%	-2.00%	2030	-14.14%	0.00%	0.00%	-14.14%	0	NA	0.00%	-12.14%
Nichols Unit 3		315 Accessory Electric Equipment	2030	NA	0.00%	-2.00%	-2.00%	2030	-14.14%	0.00%	0.00%	-14.14%	0	NA	0.00%	-12.14%
Nichols Unit 3		316 Miscellaneous Power Plant Equipment	2030	NA	0.00%	-2.00%	-2.00%	2030	-14.14%	0.00%	0.00%	-14.14%	0	NA	0.00%	-12.14%
Plant X Common Facilities		310 Water Rights	2027	NA	0.00%	0.00%	0.00%	2027	NA	0.00%	0.00%	0.00%	0	NA	0.00%	0.00%
Plant X Common Facilities		311 Structures and Improvements	2027	NA	0.00%	-2.00%	-2.00%	2027	NA	0.00%	0.00%	-70.59%	0	NA	0.00%	-68.59%
Plant X Common Facilities		312 Boiler Plant Equipment	2027	NA	0.00%	-2.00%	-2.00%	2027	NA	0.00%	0.00%	-70.59%	0	NA	0.00%	-68.59%
Plant X Common Facilities		314 Turbogenerators	2027	NA	0.00%	-2.00%	-2.00%	2027	NA	0.00%	0.00%	-70.59%	0	NA	0.00%	-68.59%
Plant X Common Facilities		315 Accessory Electric Equipment	2027	NA	0.00%	-2.00%	-2.00%	2027	NA	0.00%	0.00%	-70.59%	0	NA	0.00%	-68.59%
Plant X Common Facilities		316 Miscellaneous Power Plant Equipment	2027	NA	0.00%	-2.00%	-2.00%	2027	NA	0.00%	0.00%	-70.59%	0	NA	0.00%	-68.59%
Plant X Unit 1		311 Structures and Improvements	2019	NA	0.00%	-2.00%	-2.00%	2019	NA	0.00%	0.00%	-14.60%	0	NA	0.00%	-12.60%
Plant X Unit 1		312 Boiler Plant Equipment	2019	NA	0.00%	-2.00%	-2.00%	2019	NA	0.00%	0.00%	-14.60%	0	NA	0.00%	-12.60%
Plant X Unit 1		314 Turbogenerators	2019	NA	0.00%	-2.00%	-2.00%	2019	NA	0.00%	0.00%	-14.60%	0	NA	0.00%	-12.60%
Plant X Unit 1		315 Accessory Electric Equipment	2019	NA	0.00%	-2.00%	-2.00%	2019	NA	0.00%	0.00%	-14.60%	0	NA	0.00%	-12.60%
Plant X Unit 1		316 Miscellaneous Power Plant Equipment	2019	NA	0.00%	-2.00%	-2.00%	2019	NA	0.00%	0.00%	-14.60%	0	NA	0.00%	-12.60%

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters
At December 31, 2016

Generating Unit	FERC Account	Description	Approved (A)					Proposed					Difference				
			Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	N	Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	N	Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	N
Plant X Unit 2	311	Structures and Improvements	2020	NA	0.00%	-2.00%	0.00%	-13.38%	0.00%	-1	2019	NA	0.00%	-13.38%	0.00%	-11.38%	0.00%
Plant X Unit 2	312	Boiler Plant Equipment	2020	NA	0.00%	-2.00%	0.00%	-11.38%	0.00%	-1	2019	NA	0.00%	-11.38%	0.00%	-11.38%	0.00%
Plant X Unit 2	313	Turbogenerators	2020	NA	0.00%	-2.00%	0.00%	-13.38%	0.00%	-1	2019	NA	0.00%	-13.38%	0.00%	-11.38%	0.00%
Plant X Unit 2	315	Accessory Electric Equipment	2020	NA	0.00%	-2.00%	0.00%	-13.38%	0.00%	-1	2019	NA	0.00%	-13.38%	0.00%	-11.38%	0.00%
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	2020	NA	0.00%	-2.00%	0.00%	-13.38%	0.00%	-1	2019	NA	0.00%	-13.38%	0.00%	-11.38%	0.00%
Plant X Unit 3	311	Structures and Improvements	2024	NA	0.00%	-2.00%	0.00%	-17.31%	0.00%	0	2024	NA	0.00%	-17.31%	0.00%	-15.31%	0.00%
Plant X Unit 3	312	Boiler Plant Equipment	2024	NA	0.00%	-2.00%	0.00%	-17.31%	0.00%	0	2024	NA	0.00%	-17.31%	0.00%	-15.31%	0.00%
Plant X Unit 3	313	Turbogenerators	2024	NA	0.00%	-2.00%	0.00%	-17.31%	0.00%	0	2024	NA	0.00%	-17.31%	0.00%	-15.31%	0.00%
Plant X Unit 3	315	Accessory Electric Equipment	2024	NA	0.00%	-2.00%	0.00%	-17.31%	0.00%	0	2024	NA	0.00%	-17.31%	0.00%	-15.31%	0.00%
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	2024	NA	0.00%	-2.00%	0.00%	-17.31%	0.00%	0	2024	NA	0.00%	-17.31%	0.00%	-15.31%	0.00%
Plant X Unit 4	311	Structures and Improvements	2027	NA	0.00%	-2.00%	0.00%	-11.62%	0.00%	0	2027	NA	0.00%	-11.62%	0.00%	-9.62%	0.00%
Plant X Unit 4	312	Boiler Plant Equipment	2027	NA	0.00%	-2.00%	0.00%	-11.62%	0.00%	0	2027	NA	0.00%	-11.62%	0.00%	-9.62%	0.00%
Plant X Unit 4	313	Turbogenerators	2027	NA	0.00%	-2.00%	0.00%	-11.62%	0.00%	0	2027	NA	0.00%	-11.62%	0.00%	-9.62%	0.00%
Plant X Unit 4	315	Accessory Electric Equipment	2027	NA	0.00%	-2.00%	0.00%	-11.62%	0.00%	0	2027	NA	0.00%	-11.62%	0.00%	-9.62%	0.00%
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	2027	NA	0.00%	-2.00%	0.00%	-11.62%	0.00%	0	2027	NA	0.00%	-11.62%	0.00%	-9.62%	0.00%
Riverview	310	Land Rights	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	NA	Retired	NA	0.00%	0.00%	0.00%	0.00%	0.00%
Toik Common Facilities	310	Water Rights	2037	NA	0.00%	0.00%	0.00%	0.00%	0.00%	-5	2032	NA	0.00%	0.00%	0.00%	0.00%	0.00%
Toik Common Facilities	311	Structures and Improvements	2037	NA	0.00%	-2.00%	0.00%	-127.19%	0.00%	-5	2032	NA	0.00%	-127.19%	0.00%	-125.19%	0.00%
Toik Common Facilities	312	Boiler Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-127.19%	0.00%	-5	2032	NA	0.00%	-127.19%	0.00%	-125.19%	0.00%
Toik Common Facilities	314	Turbogenerators	2037	NA	0.00%	-2.00%	0.00%	-127.19%	0.00%	-5	2032	NA	0.00%	-127.19%	0.00%	-125.19%	0.00%
Toik Common Facilities	315	Accessory Electric Equipment	2037	NA	0.00%	-2.00%	0.00%	-127.19%	0.00%	-5	2032	NA	0.00%	-127.19%	0.00%	-125.19%	0.00%
Toik Common Facilities	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-127.19%	0.00%	-5	2032	NA	0.00%	-127.19%	0.00%	-125.19%	0.00%
Toik 1	310	Land Rights	2037	NA	0.00%	0.00%	0.00%	0.00%	0.00%	-5	2032	NA	0.00%	0.00%	0.00%	0.00%	0.00%
Toik 1	311	Structures and Improvements	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	-5	2032	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1	312	Boiler Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	-5	2032	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1	314	Turbogenerators	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	-5	2032	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1	315	Accessory Electric Equipment	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	-5	2032	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	-5	2032	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 2	310	Land Rights	2037	NA	0.00%	0.00%	0.00%	0.00%	0.00%	-5	2032	NA	0.00%	0.00%	0.00%	0.00%	0.00%
Toik 2	311	Structures and Improvements	2037	NA	0.00%	-2.00%	0.00%	-4.54%	0.00%	-5	2032	NA	0.00%	-4.54%	0.00%	-2.54%	0.00%
Toik 2	312	Boiler Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-4.54%	0.00%	-5	2032	NA	0.00%	-4.54%	0.00%	-2.54%	0.00%
Toik 2	314	Turbogenerators	2037	NA	0.00%	-2.00%	0.00%	-4.54%	0.00%	-5	2032	NA	0.00%	-4.54%	0.00%	-2.54%	0.00%
Toik 2	315	Accessory Electric Equipment	2037	NA	0.00%	-2.00%	0.00%	-4.54%	0.00%	-5	2032	NA	0.00%	-4.54%	0.00%	-2.54%	0.00%
Toik 2	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-4.54%	0.00%	-5	2032	NA	0.00%	-4.54%	0.00%	-2.54%	0.00%
Toik Common Facilities Retiring 2055	310	Water Rights	2037	NA	0.00%	0.00%	0.00%	0.00%	0.00%	18	2055	NA	0.00%	0.00%	0.00%	0.00%	0.00%
Toik Common Facilities Retiring 2055	311	Structures and Improvements	2037	NA	0.00%	-2.00%	0.00%	-32.10%	0.00%	18	2055	NA	0.00%	-32.10%	0.00%	-30.10%	0.00%
Toik Common Facilities Retiring 2055	312	Boiler Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-32.10%	0.00%	18	2055	NA	0.00%	-32.10%	0.00%	-30.10%	0.00%
Toik Common Facilities Retiring 2055	314	Turbogenerators	2037	NA	0.00%	-2.00%	0.00%	-32.10%	0.00%	18	2055	NA	0.00%	-32.10%	0.00%	-30.10%	0.00%
Toik Common Facilities Retiring 2055	315	Accessory Electric Equipment	2037	NA	0.00%	-2.00%	0.00%	-32.10%	0.00%	18	2055	NA	0.00%	-32.10%	0.00%	-30.10%	0.00%
Toik Common Facilities Retiring 2055	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-32.10%	0.00%	18	2055	NA	0.00%	-32.10%	0.00%	-30.10%	0.00%
Toik 1 Retiring 2055	310	Land Rights	2037	NA	0.00%	0.00%	0.00%	0.00%	0.00%	18	2055	NA	0.00%	0.00%	0.00%	0.00%	0.00%
Toik 1 Retiring 2055	311	Structures and Improvements	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	18	2055	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1 Retiring 2055	312	Boiler Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	18	2055	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1 Retiring 2055	314	Turbogenerators	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	18	2055	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1 Retiring 2055	315	Accessory Electric Equipment	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	18	2055	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%
Toik 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-2.00%	0.00%	-5.02%	0.00%	18	2055	NA	0.00%	-5.02%	0.00%	-3.02%	0.00%

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters
At December 31, 2016

Generating Unit	FERC Account	Description	Approved (A)				Proposed				Difference			
			Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Retirement ASL and Curve	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Retirement ASL	Interim Net Salvage %	Total Net Salvage %
Proforma Other Production														
Hale Wind Project		341 Structures and Improvements	2049	NA	0.00%	-2.00%	(F)	2044	NA	0.00%	-1.71%			
Hale Wind Project		342 Fuel Holders and Accessory Equipment	2049	NA	0.00%	-2.00%	(F)	2044	NA	0.00%	-1.71%			
Hale Wind Project		343 Prime Movers	2049	NA	0.00%	-2.00%	(F)	2044	NA	0.00%	-1.71%			
Hale Wind Project		344 Generators	2049	NA	0.00%	-2.00%	(F)	2044	NA	0.00%	-1.71%			
Hale Wind Project		345 Accessory Electric Equipment	2049	NA	0.00%	-2.00%	(F)	2044	NA	0.00%	-1.71%			
Hale Wind Project		346 Miscellaneous Power Plant Equipment	2049	NA	0.00%	-2.00%	(F)	2044	NA	0.00%	-1.71%			

Notes:

- (A) Approved retirement dates and net salvage rates are from Docket No. 43695, unless noted otherwise
- (B) SPS owns the Blackhawk pipeline, but does not own the Blackhawk plant. SPS has a purchase power agreement for power from the Blackhawk plant
- (C) Since property records do not distinguish between Masdiox Unit 2 and Masdiox Unit 3, the longer retirement date of Masdiox 3 is used to model that facility
- (D) Order on Docket No. 47527 allowed half the depreciation expense requested which equaled to a retirement date of 2037
- (E) Some Tolk assets will remain after 2032 to support the transmission system with a retirement date of 2055
- (F) Approved life that equates to 2049 retirement date and net salvage from the unopposed stipulation in Docket No. 46936

*Other: Moore County and Riverview were retired in 2013. Calibat was retired in 2017

Southwestern Public Service Company - Texas
Transmission, Distribution and General Plant
Comparison of Depreciation Parameters
At December 31, 2018

Attachment DAW-RR-2
Page 104 of 166
2019 TX Rate Case

FERC Account	Description	Approved (A)				Proposed				Difference	
		Average Service Life	Iowa Curve	Net Salvage %	Notes	Average Service Life	Iowa Curve	Net Salvage %	Notes	Average Service Life	Net Salvage %
Intangible Plant											
303	Software - 3 Year	3	SQ	0%		3	SQ	0%		0	0%
303	Software - 5 Year	5	SQ	0%		5	SQ	0%		0	0%
303	Software - 7 Year	7	SQ	0%		7	SQ	0%		0	NA
303	Software - 10 Year	10	SQ	0%		10	SQ	0%		0	0%
303	Software - 15 Year	15	SQ	0%	(D)	15	SQ	0%		0	0%
Transmission											
350	Land Rights	80	R4	0%		80	R4	0%		0	0%
352	Structures & Improvements	65	R4	-10%		65	R4	-20%		0	-10%
353	Station Equipment	57	R2 5	-20%		53	R1 5	-20%		-4	0%
354	Towers & Fixtures	75	R3	-5%		75	R4	-5%		0	0%
355	Poles & Fixtures	53	R2 5	-35%		51	R2 5	-75%		-2	-40%
356	Overhead Conductors & Devices	47	R2	-30%		50	R2	-45%		3	-15%
357	Underground Conduit	75	R3	0%		75	R3	0%		0	0%
358	Underground Conductor & Devices	45	R3	0%		45	R3	0%		0	0%
359	Roads and Trails	65	R4	-10%	(C)	65	R4	0%		0	10%
Distribution											
360	Land Rights	70	R4	0%		70	R4	0%		0	0%
361	Structures & Improvements	60	R1 5	-10%		70	R1 5	-10%		10	0%
362	Station Equipment	55	R1 5	-15%		55	R1 5	-25%		0	-10%
364	Poles, Towers & Fixtures	53	R0 5	-50%		53	R0 5	-75%		0	-25%
365	Overhead Conductors & Devices	47	R0 5	-40%		47	R0 5	-50%		0	-10%
366	Underground Conduit	60	R2 5	-20%		68	R2 5	-20%		8	0%
367	Underground Conductor & Devices	47	R1 5	-20%		53	R1	-30%		6	-10%
368	Line Transformers	45	R1	-20%		46	R1	-10%		1	10%
369	Services	47	R1 5	-40%		48	R1 5	-40%		1	0%
370	Meters	39	R2	-10%		30	R2	-10%		-9	0%
371	Installations on Customers' Premises	26	R0 5	-20%		26	R0 5	-15%		0	5%
373	Street Lighting & Signal Systems	40	R2	-45%		39	R2	-60%		-1	-15%
General											
389	Land Rights	50	R4	0%		60	R4	0%		10	0%
390	Structures & Improvements	48	R1	-10%		53	R1	-10%		5	0%
390 007	Structures & Improvements - Tower Lease		Amortize	0%	(B)		Amortize	0%	(B)		
391	Office Furniture & Equipment	25	SQ	0%		20	SQ	0%		-5	0%
391	Computer Equipment	5	SQ	0%		5	SQ	0%		0	0%
392 01	Transportation Equipment - Autos	10	SQ	9%		10	SQ	10%		0	1%
392 02	Transportation Equipment - Light Trucks	10	SQ	7%		10	SQ	12%		0	5%
392 03	Transportation Equipment - Trailers	15	SQ	9%		15	SQ	11%		0	2%
392 04	Transportation Equipment - Heavy Trucks	12	SQ	6%		12	SQ	11%		0	5%
393	Stores Equipment	35	SQ	0%		35	SQ	0%		0	0%
394	Tool, Shop & Garage Equipment	35	SQ	0%		35	SQ	0%		0	0%
395	Laboratory Equipment	25	SQ	0%		25	SQ	0%		0	0%
396	Power Operated Equipment	19	SQ	10%		15	SQ	25%		-4	15%
397	Communication Equipment	15	SQ	-4%		15	SQ	0%		0	4%
398	Miscellaneous Equipment	24	SQ	0%		24	SQ	0%		0	0%

Notes

- (A) Approved parameters from Docket No 43695, unless noted otherwise
- (B) Assets amortized over the lease term
- (C) Account 359 approved rates and parameters from Docket 43695 based on account 352
- (D) Approved 15 Year Life in Docket No 45524

APPENDIX D
Retirement Data for all Generating Units

Southwestern Public Service Company
Texas
Retirement Data for all Generating Units
At December 31, 2018

Unit Name	Gross Nameplate Rating (MW)	Location	In-service Date	Current (A)			Proposed			From Current Approved	Notes
				Service Life	Depreciation Retirement Date	Notes	Depreciation Retirement Date	Service Life	Remaining Life as of December 31, 2018		
Steam Production - Gas/Oil											
Jones Unit 1	243	Lubbock, TX	1971	60	2031		2031	60	13	-	
Jones Unit 2	243	Lubbock, TX	1974	60	2034		2034	60	16	-	
Plant X Unit 1	48	Earth, TX	1952	67	2019		2019	67	1	-	
Plant X Unit 2	102	Earth, TX	1953	67	2020		2019	66	1	(1)	
Plant X Unit 3	103	Earth, TX	1955	69	2024		2024	69	6	-	
Plant X Unit 4	189	Earth, TX	1964	63	2027		2027	63	9	-	
Steam Production - Gas											
Cunningham Unit 1	71	Hobbs, NM	1957	62	2019		2019	62	1	-	
Cunningham Unit 2	196	Hobbs, NM	1965	60	2025		2025	60	7	-	
Maddox Unit 1	112	Hobbs, NM	1967	61	2028		2028	61	10	-	
Nichols Unit 1	107	Amarillo, TX	1960	62	2022		2022	62	4	-	
Nichols Unit 2	106	Amarillo, TX	1962	61	2023		2023	61	5	-	
Nichols Unit 3	244	Amarillo, TX	1968	62	2030		2030	62	12	-	
Steam Production - Coal											
Harrington Unit 1	346	Amarillo, TX	1976	60	2036		2036	60	18	-	
Harrington Unit 2	360	Amarillo, TX	1978	60	2038		2038	60	20	-	
Harrington Unit 3	360	Amarillo, TX	1980	60	2040		2040	60	22	-	
Tolk Unit 1	540	Muleshoe, TX	1982	55	2037	(E)	2032	50	14	(5)	(F)
Tolk Unit 2	540	Muleshoe, TX	1985	52	2037	(E)	2032	47	14	(5)	(F)
Other Production - CT											
Blackhawk	Note (B)	Borger, TX	1999	35	2034	(B)	2034	35	16	-	
Cunningham Unit 3	110	Hobbs, NM	1997	43	2040		2040	43	22	-	
Cunningham Unit 4	110	Hobbs, NM	1997	43	2040		2040	43	22	-	
Jones Unit 3	168	Lubbock, TX	2011	45	2056		2056	45	38	-	
Jones Unit 4	170	Lubbock, TX	2013	45	2058		2058	45	40	-	
Maddox Unit 2	61	Hobbs, NM	1975	50	2025	(C)	2025	50	7	-	
Maddox Unit 3	10, Note (D)	Hobbs, NM	1963	62	2025	(C)	2025	62	7	-	
Quay County	19	Tucuman, NM	2013	21	2034		2034	21	16	-	
Proforma Other Production											
Hale Wind Project	478	Hale County, TX	2019	30	2049	(G)	2044	25	NA	(5)	

Notes

- (A) Current retirement dates are those used in approved depreciation rates from Docket No. 43695, unless noted otherwise
- (B) SPS owns the Blackhawk pipeline, but does not own the Blackhawk plant. SPS has a purchase power agreement for power from the Blackhawk plant
- (C) Since property records do not distinguish between Maddox Unit 2 and Maddox Unit 3, the longer retirement date of Maddox 3 is used to model that facility
- (D) Primarily used for VAR support
- (E) Order on Docket No. 47527 allowed half the depreciation expense requested which equated to a retirement date of 2037
- (F) Some Tolk assets will remain after 2032 to support the transmission system with a retirement date of 2055
- (G) Approved life that equates to 2049 retirement date from the unopposed stipulation in Docket No. 46936

Other: Moore County and Riverview were retired in 2013. Carlsbad was retired in 2017.

APPENDIX E
Net Salvage Analysis by Account

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Farc Acct.	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
311	1977	34,548	1,400	2,015	(615)	-1.76%									
311	1978	17,598	20,282	12,917	8,756	11.84%	7.60%	8.07%							
311	1979	17,598	14,839	50	1,922	10.30%	11.84%	11.71%							
311	1980	579	-	50	(50)	-8.64%	10.30%	11.71%	7.99%						
311	1981	47,947	533	38,855	(38,322)	-79.93%	-79.08%	-55.12%	-19.96%	-16.34%					
311	1982	5,339	-	632	(632)	-11.84%	-73.10%	-72.41%	-51.89%	-56.01%					
311	1983	20,795	4,335	18,927	(14,592)	-70.17%	-58.25%	-72.28%	-71.79%	-56.01%	-16.20%				
311	1984	28,060	382	5,836	(5,454)	-19.44%	-41.03%	-38.16%	-25.11%	-37.87%	-26.03%				
311	1985	105,038	683	20,152	(19,469)	-18.54%	-18.73%	-25.68%	-25.11%	-37.87%	-26.03%				
311	1986	6,798,820	99,675	254,484	(28,856)	-2.28%	-2.70%	-2.59%	-2.79%	-3.29%	-3.33%				
311	1987	11,450	8,381	37,237	(28,856)	-2.28%	-2.70%	-2.59%	-2.79%	-3.29%	-3.33%				
311	1988	81,734	1,655	154,797	(153,142)	-187.37%	-185.31%	-189.77%	-147.94%	-147.94%	-16.20%				
311	1989	6,906	13,624	31,578	(84,488)	-259.98%	-183.02%	-199.77%	-147.94%	-147.94%	-16.20%				
311	1990	62,635	1,469	42,260	(40,791)	-65.12%	-35.75%	-45.03%	-91.84%	-98.89%	-5.84%				
311	1991	97,288	2,388	18,772	(16,384)	-16.84%	-21.00%	-32.84%	-38.37%	-76.93%	-8.23%				
311	1992	73,444	-	65	(67,482)	-23.75%	-24.32%	-22.72%	-27.85%	-30.81%	-50.72%				
311	1993	284,101	-	3,061	(2,250)	-29.74%	-23.96%	-24.47%	-22.87%	-27.44%	-52.01%				
311	1994	10,292	-	61,401	(61,401)	-82.33%	-110.62%	-100.99%	-31.18%	-39.03%	-35.03%				
311	1995	74,980	-	-	-	0.00%	-79.08%	-74.29%	-97.47%	-88.63%	-38.78%				
311	1996	3,063	-	-	-	0.00%	-55.13%	-54.26%	-74.29%	-88.63%	-38.78%				
311	1997	28,250	-	17,263	(17,263)	0.00%	-60.05%	-60.05%	-73.94%	-88.25%	-42.53%				
311	1998	500	-	-	-	0.00%	0.00%	0.00%	-54.26%	-88.25%	-42.53%				
311	2000	-	-	-	-	NA	NA	0.00%	-94.26%	-98.91%	-88.25%				
311	2001	1,921,674	112,436	224,600	(112,164)	-5.84%	-5.84%	-5.84%	-94.26%	-98.91%	-88.25%				
311	2002	1,236,630	81	856	(775)	-0.07%	-3.69%	-3.69%	-94.26%	-98.91%	-88.25%				
311	2003	8,000	321	-	(321)	-4.01%	-0.04%	-3.69%	-94.26%	-98.91%	-88.25%				
311	2004	1,191,214	-	364,575	(364,575)	-30.61%	-30.37%	-15.54%	-11.85%	-11.85%	-11.17%				
311	2005	87,570	-	395,628	(395,628)	-451.78%	-451.78%	-59.45%	-11.18%	-11.18%	-11.18%				
311	2006	1,377,139	-	123,623	(123,623)	-8.98%	-8.98%	-35.45%	-33.17%	-33.17%	-20.03%				
311	2007	-	-	-	-	NA	NA	-35.45%	-33.17%	-33.17%	-20.03%				
311	2008	-	-	-	-	NA	NA	-35.45%	-33.17%	-33.17%	-20.03%				
311	2009	-	-	-	-	NA	NA	-35.45%	-33.17%	-33.17%	-20.03%				
311	2010	2,282,274	-	1,123,146	(1,123,146)	-49.21%	-49.21%	-9.86%	-34.07%	-43.83%	-33.17%				
311	2011	1,236,630	-	598,160	(598,160)	-48.37%	-48.92%	-48.92%	-48.92%	-43.83%	-33.17%				
311	2012	1,430,009	-	259,919	(259,919)	-18.18%	-32.18%	-40.03%	-40.03%	-37.68%	-33.21%				
311	2013	776,375	16,663	446,142	(429,478)	-55.32%	-31.25%	-37.40%	-42.11%	-42.11%	-33.21%				
311	2014	738,129	-	735,942	(734,019)	-99.44%	-76.82%	-68.70%	-48.35%	-48.35%	-46.65%				
311	2015	867,093	-	472,702	(472,702)	-54.52%	-54.52%	-68.70%	-49.41%	-49.41%	-49.35%				
311	2016	1,447,452	-	317,542	(317,542)	-21.94%	-34.14%	-49.83%	-51.02%	-42.09%	-44.83%				
311	2017	272,454	-	91,704	(91,704)	-33.66%	-23.79%	-34.09%	-48.60%	-49.67%	-41.68%				
311	2018	-	-	-	-	-	-	-	-	-	-				

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
312	1977	9,421	632	669	(37)	-0.04%									
312	1978	4,397	86,205	13,194	73,011	304.93%	73.11%	65.52%	31.86%	30.35%					
312	1979	5,911	-	3,911	1076.80%	-127.39%	1076.80%	167.82%	94.46%	167.82%					
312	1980	35,476	-	23,594	-67.82%	-19.54%	-23.85%	-57.82%	-4.43%	56.56%	24.55%				
312	1981	34,479	-	875	-2.50%	-3.77%	-5.30%	-36.56%	-35.42%	-38.16%	16.69%	9.67%			
312	1982	20,479	50	1,000	-3.00%	-34.07%	-23.65%	-23.46%	-2.47%	-10.31%	-11.88%	12.66%	9.67%		
312	1983	59,938	286	20,368	-2.03%	-7.66%	-2.03%	-7.66%	-7.41%	-7.51%	-11.22%	-12.02%	9.67%		
312	1984	161,495	18,143	33,502	-1.23%	-1.23%	-1.23%	-1.23%	-1.30%	-1.30%	-1.30%	-1.30%	-1.30%	0.68%	
312	1985	27,745,379	275,392	603,338	-1.23%	-1.23%	-1.23%	-1.23%	-2.05%	-2.11%	-2.11%	-2.11%	-2.11%	-1.40%	-1.14%
312	1986	3,724,645	12,266	321,463	-8.30%	-2.02%	-2.02%	-2.11%	-3.44%	-3.38%	-3.43%	-3.43%	-3.43%	-2.19%	-2.20%
312	1987	1,104,884	555	461,333	-15.94%	-3.37%	-15.94%	-3.37%	-3.88%	-3.85%	-3.88%	-3.88%	-3.88%	-3.50%	-3.52%
312	1988	762,283	23,542	218,235	-14.92%	-25.54%	-14.92%	-17.25%	-16.81%	-16.81%	-16.81%	-16.81%	-16.81%	-16.81%	-16.81%
312	1989	1,314,783	361	196,576	-10.51%	-18.82%	-10.51%	-17.25%	-21.43%	-20.96%	-20.96%	-20.96%	-20.96%	-20.96%	-20.96%
312	1991	1,571,441	3,927	170,679	-11.83%	-14.13%	-11.83%	-14.39%	-16.17%	-15.65%	-15.65%	-15.65%	-15.65%	-15.65%	-15.65%
312	1992	2,381,160	202,090	217,921	-0.66%	-14.13%	-0.66%	-14.39%	-16.17%	-15.65%	-15.65%	-15.65%	-15.65%	-15.65%	-15.65%
312	1993	886,246	-	319,090	-12.51%	-12.51%	-12.51%	-12.51%	-12.01%	-11.01%	-11.01%	-11.01%	-11.01%	-11.01%	-11.01%
312	1994	53,916	(43,957)	518,294	-36.00%	-6.59%	-36.00%	-6.59%	-9.29%	-9.29%	-9.29%	-9.29%	-9.29%	-9.29%	-9.29%
312	1995	1,797,536	(4,163)	507,097	-28.44%	-93.74%	-28.44%	-93.74%	-24.97%	-25.97%	-25.97%	-25.97%	-25.97%	-25.97%	-25.97%
312	1996	352,731	-	88,976	-25.23%	-27.91%	-25.23%	-27.91%	-47.94%	-47.94%	-47.94%	-47.94%	-47.94%	-47.94%	-47.94%
312	1997	1,735,206	-	212,081	-12.22%	-14.42%	-12.22%	-14.42%	-14.72%	-15.10%	-15.10%	-15.10%	-15.10%	-15.10%	-15.10%
312	1998	1,632,853	-	-	0.00%	0.00%	0.00%	0.00%	-14.72%	-14.72%	-14.72%	-14.72%	-14.72%	-14.72%	-14.72%
312	2000	-	-	-	NA	NA	NA	0.00%	-6.30%	-6.09%	-6.09%	-6.09%	-6.09%	-6.09%	-6.09%
312	2001	4,114,196	4,759,433	4,599,274	3.89%	3.89%	3.89%	3.89%	2.79%	-0.89%	-0.89%	-0.89%	-0.89%	-0.89%	-0.89%
312	2002	2,732,253	344,690	573,225	-8.36%	-1.00%	-8.36%	-1.00%	-1.00%	-0.81%	-0.81%	-0.81%	-0.81%	-0.81%	-0.81%
312	2003	-	-	-	NA	NA	NA	NA	-0.97%	-0.97%	-0.97%	-0.97%	-0.97%	-0.97%	-0.97%
312	2004	13,275,811	2,634	3,216,099	-24.21%	-24.19%	-24.19%	-24.19%	-16.30%	-16.30%	-16.30%	-16.30%	-16.30%	-16.30%	-16.30%
312	2005	13,450,000	40,895	2,551,341	-27.39%	-23.97%	-27.39%	-23.97%	-21.31%	-16.17%	-16.17%	-16.17%	-16.17%	-16.17%	-16.17%
312	2007	13,450,000	40,895	2,551,341	-27.39%	-23.97%	-27.39%	-23.97%	-21.31%	-16.17%	-16.17%	-16.17%	-16.17%	-16.17%	-16.17%
312	2008	8,687,037	(88,510)	832,041	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%	-10.02%
312	2009	5,651,075	3,698,259	3,698,259	65.11%	31.85%	65.11%	31.85%	35.23%	35.23%	35.23%	35.23%	35.23%	35.23%	35.23%
312	2010	2,663,204	-	340,234	-12.78%	-18.55%	-12.78%	-18.55%	-24.15%	-24.05%	-24.05%	-24.05%	-24.05%	-24.05%	-24.05%
312	2011	14,985,032	-	4,576,145	-30.54%	-36.97%	-30.54%	-36.97%	-29.65%	-26.24%	-26.24%	-26.24%	-26.24%	-26.24%	-26.24%
312	2012	7,860,980	-	2,678,484	-34.98%	-32.03%	-34.98%	-32.03%	-33.02%	-30.67%	-30.67%	-30.67%	-30.67%	-30.67%	-30.67%
312	2013	4,653,980	48,626	2,346,160	-49.38%	-40.41%	-49.38%	-40.41%	-33.02%	-30.16%	-30.16%	-30.16%	-30.16%	-30.16%	-30.16%
312	2014	11,662,929	19,971	2,410,472	-29.50%	-29.72%	-29.50%	-29.72%	-30.65%	-29.51%	-29.51%	-29.51%	-29.51%	-29.51%	-29.51%
312	2015	4,652,322	92,662	1,383,842	-29.75%	-23.13%	-29.75%	-23.13%	-30.56%	-29.51%	-29.51%	-29.51%	-29.51%	-29.51%	-29.51%
312	2016	4,920,376	1,163	1,476,504	-25.13%	-23.37%	-25.13%	-23.37%	-28.23%	-29.77%	-29.77%	-29.77%	-29.77%	-29.77%	-29.77%
312	2017	7,812,056	138,932	3,161,613	-38.69%	-33.45%	-38.69%	-33.45%	-32.66%	-30.65%	-30.65%	-30.65%	-30.65%	-30.65%	-30.65%
312	2018	7,010,201	40,003	2,387,718	-33.46%	-33.46%	-33.46%	-33.46%	-32.75%	-28.79%	-28.79%	-28.79%	-28.79%	-28.79%	-28.79%

**SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED**

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
314	1977	990	863	137	726	73.33%	-5.62%	-5.62%							
314	1978	1,147,423	185,765	251,078	(65,313)	-5.69%	-9.54%	-9.54%							
314	1979					NA	-6.12%	-6.12%							
314	1980	141,840	(6)	13,526	(13,532)	-9.54%	-8.11%	-8.11%							
314	1981	500				0.00%	-9.51%	-9.51%							
314	1982	23,361		2,829	(2,829)	-12.11%	-11.86%	-11.86%							
314	1983	5,462		1,737	(1,737)	-31.80%	-15.87%	-15.87%							
314	1984	73,301	350	16,480	(16,130)	-22.01%	-20.27%	-20.27%							
314	1985	68,127		23,769	(23,769)	-34.89%	-28.35%	-28.35%							
314	1986	18,618,499	382,302	447,187	(61,001)	-0.25%	-0.42%	-0.42%							
314	1987	2,457,245	100,115	181,116	(81,001)	-3.24%	-18.50%	-18.50%							
314	1988	1,957,890	52,048	413,555	(401,693)	-16.34%	-9.72%	-9.72%							
314	1989	581,478	23,440	172,523	(149,083)	-25.64%	-41.95%	-41.95%							
314	1990	160,216	2,113	161,284	(216,894)	-7.47%	-12.20%	-12.20%							
314	1991	2,804,656	31,034	246,018	(215,018)	-9.54%	-5.37%	-5.37%							
314	1992	464,576	384,020	550,709	(166,209)	-11.97%	-19.23%	-19.23%							
314	1993	488,203	208	270,781	(269,898)	-11.97%	-17.65%	-17.65%							
314	1994					NA	-176.82%	-99.88%							
314	1995	751,140		303,323	(448,000)	-60.51%	-16.82%	-16.82%							
314	1996	3,000,000	(1,000)			0.00%	-8.11%	-8.11%							
314	1997	25,000		440	(440)	-1.76%	-0.01%	-0.01%							
314	1998	50,000				0.00%	-0.59%	-0.59%							
314	1999					NA	0.00%	0.00%							
314	2000					NA	0.00%	0.00%							
314	2001	2,665,854	282,755	1,422,841	(1,140,086)	-42.77%	-42.77%	-42.77%							
314	2002	543,948	59,282	379,273	(320,011)	-58.83%	-58.83%	-58.83%							
314	2003					NA	-45.49%	-45.49%							
314	2004					NA	-58.83%	-58.83%							
314	2005	9,204,755		2,342,687	(2,342,687)	-25.45%	-25.45%	-25.45%							
314	2006	53,000	5,000	14,108	(14,108)	-26.62%	-25.46%	-25.46%							
314	2007	1,129,269		801,674	(896,674)	-79.40%	-77.04%	-77.04%							
314	2008	2,013,199		88,888	(88,888)	-4.42%	-31.32%	-31.32%							
314	2009	242,567		206,884	(206,884)	-84.88%	-13.07%	-13.07%							
314	2010					NA	-84.88%	-13.07%							
314	2011	2,208,916		1,101,807	(1,101,807)	-48.88%	-49.88%	-49.88%							
314	2012	3,213,367		2,354,232	(2,354,232)	-73.26%	-63.74%	-63.74%							
314	2013	2,926,807		1,231,336	(1,231,336)	-42.07%	-56.40%	-56.40%							
314	2014	4,539,135		1,456,447	(1,456,447)	-32.09%	-47.21%	-47.21%							
314	2015	3,407,688	2,000	1,297,386	(1,295,386)	-38.01%	-34.63%	-34.63%							
314	2016	4,843,983	10,954	1,238,549	(1,228,595)	-25.37%	-30.99%	-30.99%							
314	2017	7,298,288	13,638	4,389,263	(4,355,425)	-59.67%	-45.99%	-45.99%							
314	2018	2,988,190	(190)	1,213,748	(1,213,938)	-41.04%	-54.30%	-54.30%							

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Farc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
315	1977	24,050	4,164	2,480	1,684	7.00%									
315	1978	(1,386)	87,319	6,688	80,431	-580.10%	362.31%	104.75%							
315	1979	50,486	-	5,512	(5,512)	-10.92%	152.66%	95.88%	74.61%						
315	1980	28,462	-	787	(787)	-2.76%	-7.96%	95.88%	92.46%	72.68%					
315	1981	2,110	-	389	(389)	-1.93%	-3.84%	95.88%	92.46%	68.38%	57.52%				
315	1982	32,585	4,922	1,635	3,626	10.92%	-1.93%	3.22%	92.46%	68.38%	57.52%				
315	1983	40	-	523	(523)	-0.13%	8.10%	3.22%	92.46%	68.38%	57.52%				
315	1984	15,786	259	1,783	(1,524)	-9.66%	-12.66%	2.40%	1.54%	0.00%	56.07%				
315	1985	-	-	-	-	NA	-9.65%	-12.66%	2.40%	1.54%	0.00%	56.07%			
315	1986	6,578,252	132,123	165,027	(32,904)	-0.50%	-0.50%	-0.50%	-0.50%	-0.48%	-0.49%	-0.49%	50.09%		
315	1987	33,857	7,807	27,558	(19,751)	-59.34%	-0.80%	-0.80%	-0.82%	-0.83%	-0.77%	-0.78%	-0.79%	0.63%	
315	1988	16,205	915	89,106	(88,191)	-544.22%	-215.62%	-2.12%	-2.12%	-2.10%	-2.10%	-2.10%	-2.10%	-0.86%	0.33%
315	1989	-	14,786	11,317	3,469	NA	-522.81%	-208.69%	-2.07%	-2.07%	-2.09%	-2.10%	-2.04%	-2.10%	-2.17%
315	1990	33,637	-	1,693	(562)	-1.73%	8.58%	-171.15%	-125.52%	-2.07%	-2.09%	-2.10%	-2.11%	-2.04%	-2.05%
315	1991	36,586	-	1,887	(1,887)	-5.16%	-3.52%	1.42%	-100.88%	-88.91%	-2.07%	-2.09%	-2.11%	-2.11%	-2.06%
315	1992	79,200	2,089	584	(584)	-0.74%	-2.13%	-2.04%	-7.15%	-53.00%	-2.07%	-2.09%	-2.07%	-2.09%	-2.10%
315	1993	142,508	-	19,913	(17,824)	-12.51%	-8.30%	-7.86%	-7.15%	-5.96%	-34.27%	-36.65%	-2.29%	-2.09%	-2.10%
315	1994	47,831	-	3,866	(3,866)	-8.06%	-11.40%	-8.26%	37.06%	-7.28%	-6.26%	-30.75%	-33.15%	-2.33%	-2.33%
315	1995	(341,910)	-	4,544	(4,544)	1.33%	2.86%	17.31%	37.06%	80.22%	1963.69%	1202.03%	-811.03%	-279.16%	-2.52%
315	1996	167,296	-	12,175	(12,175)	-7.28%	9.57%	16.24%	-244.25%	-41.08%	-31.08%	-23.01%	-23.01%	-68.58%	-67.81%
315	1997	125,000	-	18,621	(18,621)	-14.90%	-10.54%	71.23%	2199.23%	-40.53%	-26.20%	-23.20%	-20.71%	-19.51%	-47.27%
315	1998	-	-	-	-	NA	-14.90%	-10.54%	71.23%	2199.23%	-40.53%	-26.20%	-20.71%	-19.51%	-47.27%
315	1999	-	-	-	-	NA	NA	NA	-10.54%	-40.53%	-26.20%	-20.71%	-19.51%	-47.27%	-47.27%
315	2000	-	-	-	-	NA	NA	NA	-14.90%	-10.54%	-40.53%	-26.20%	-20.71%	-19.51%	-47.27%
315	2001	162,086	-	10,240	(10,240)	-6.32%	-6.32%	NA	NA	-10.54%	-40.53%	-26.20%	-20.71%	-19.51%	-47.27%
315	2002	4,857	27,644	27,974	(330)	-6.80%	-6.33%	NA	NA	-10.05%	-10.05%	-9.03%	-8.04%	-6.53%	-5.04%
315	2003	-	-	-	-	NA	-6.33%	-6.33%	-6.33%	-6.33%	-6.33%	-6.33%	-6.33%	-6.33%	-6.33%
315	2004	-	-	-	-	NA	-10.47%	-10.46%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%
315	2005	1,182,108	-	123,787	(123,787)	-10.41%	-10.47%	-10.46%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%
315	2006	6,500	-	985	(985)	-15.15%	-10.50%	-10.50%	-10.50%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%	-9.86%
315	2007	8,174	-	647,092	(647,092)	-7916.22%	-44.1642%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%
315	2008	1,063,751	-	18,039	(18,039)	-1.70%	-82.05%	-61.77%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%	-64.48%
315	2009	7,910	-	101,912	(101,912)	-1289.46%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%
315	2010	-	-	-	-	NA	-1288.46%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%	-11.19%
315	2011	528,208	-	214,540	(214,540)	-40.62%	-40.62%	-59.03%	-70.03%	-70.03%	-70.03%	-70.03%	-70.03%	-70.03%	-70.03%
315	2012	78,552	-	164,088	(164,088)	-209.89%	-62.40%	-62.40%	-78.88%	-78.88%	-78.88%	-78.88%	-78.88%	-78.88%	-78.88%
315	2013	373,645	20,313	174,571	(154,258)	-41.28%	-70.40%	-54.35%	-54.35%	-54.35%	-54.35%	-54.35%	-54.35%	-54.35%	-54.35%
315	2014	207,751	-	97,231	(97,231)	-46.80%	-43.26%	-62.97%	-53.03%	-53.03%	-53.03%	-53.03%	-53.03%	-53.03%	-53.03%
315	2015	147,570	-	46,197	(46,197)	-31.31%	-40.37%	-40.84%	-40.84%	-40.84%	-40.84%	-40.84%	-40.84%	-40.84%	-40.84%
315	2016	352,374	7,000	98,506	(91,506)	-25.97%	-27.54%	-33.20%	-35.95%	-35.95%	-35.95%	-35.95%	-35.95%	-35.95%	-35.95%
315	2017	234,102	-	67,929	(67,929)	-29.02%	-27.19%	-28.01%	-32.61%	-32.61%	-32.61%	-32.61%	-32.61%	-32.61%	-32.61%
315	2018	317,371	-	34,791	(34,791)	-10.96%	-18.63%	-21.49%	-22.87%	-22.87%	-22.87%	-22.87%	-22.87%	-22.87%	-22.87%

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
316	1977	594	-	-	-	0.00%	-	-	-	-	-	-	-	-	-
316	1978	13,034	27,522	4,156	23,366	179.27%	171.46%	87.75%	117.45%	89.30%	79.97%	39.57%	34.61%	23.77%	3.90%
316	1979	13,526	2,172	1,710	1,462	3.42%	3.42%	89.71%	89.71%	81.02%	39.62%	34.61%	23.77%	3.90%	3.90%
316	1980	4,259	16,797	3,731	13,066	306.79%	76.06%	119.71%	90.61%	81.02%	39.62%	34.61%	23.77%	3.90%	3.90%
316	1981	9,844	-	50	(50)	-0.51%	-0.51%	68.48%	40.94%	17.11%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1982	4,321	50	447	(397)	-9.19%	-3.16%	48.48%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1983	46,062	711	100	611	1.27%	1.27%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1984	42,286	400	622	(222)	-0.96%	-0.96%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1985	42,756	398	843	(445)	-1.03%	-1.03%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1986	617,776	6,262	12,601	(6,339)	-1.03%	-1.03%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1987	15,803	6,576	2,214	(4,362)	-10.37%	-10.37%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1988	17,521	18	5,260	(5,242)	-29.65%	-20.65%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1989	77,924	756	2,376	(2,626)	-1.50%	-1.50%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1990	153,519	1,850	2,382	(532)	-0.34%	-0.34%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1991	82,484	75	995	(920)	-1.12%	-0.61%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1992	29,819	2,334	2,334	(9,695)	-45.07%	-45.07%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1993	614,629	6,078	19,046	(12,970)	-2.11%	-9.72%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1994	461,987	204	36,959	(36,755)	-8.99%	-8.99%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1995	78,482	545	4,789	(4,244)	-5.41%	-5.41%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1996	40,193	(946)	1,073	(2,018)	-5.02%	-5.28%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1997	116,022	38	14,064	(14,026)	-12.09%	-10.27%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1998	38,336	-	3,373	(3,373)	-8.80%	-8.80%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	1999	49,950	-	-	-	0.00%	-3.82%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2000	-	-	-	-	NA	NA	0.00%	-8.52%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2001	-	-	-	-	NA	NA	0.00%	-3.82%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2002	261,881	23,531	34,250	(10,719)	-4.09%	-4.09%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2003	15,937	17,231	17,231	-	0.00%	-3.86%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2004	-	480	-	480	0.16%	3.01%	0.16%	0.16%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2005	2,209,012	23,221	19,629	3,592	0.16%	0.16%	0.16%	0.16%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2006	7,424	3,656	9,042	3,428	4.62%	1.32%	0.16%	0.16%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2007	7,424	3,656	9,042	3,428	4.62%	1.32%	0.16%	0.16%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2008	84,856	(9,628)	1,860	(11,587)	-13.64%	-13.64%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2009	-	-	-	-	NA	NA	0.00%	-13.64%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2010	-	-	-	-	NA	NA	0.00%	-13.64%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%
316	2011	437,672	-	113,573	(113,573)	-25.95%	-25.95%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2012	8,547	-	789	(789)	-9.23%	-9.23%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2013	47,455	-	35,558	(35,558)	-74.93%	-74.93%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2014	100,109	-	33,099	(33,099)	-44.49%	-44.49%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2015	6,396	-	9,998	(9,998)	-156.32%	-40.47%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2016	160,359	-	14,226	(14,226)	-8.87%	-14.53%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2017	129,944	-	9,513	(9,513)	-7.32%	-8.18%	0.26%	0.26%	16.46%	10.56%	0.84%	0.89%	0.65%	0.62%
316	2018	-	-	-	-	NA	NA	0.00%	-11.37%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct.	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	2-Yr Net Salvr. %	3-Yr Net Salvr. %	4-Yr Net Salvr. %	5-Yr Net Salvr. %	6-Yr Net Salvr. %	7-Yr Net Salvr. %	8-Yr Net Salvr. %	9-Yr Net Salvr. %	10-Yr Net Salvr. %
341	1978	25,025	333	4,480	(4,142)	-16.55%	NA	NA	NA	NA	NA	NA	NA	NA
341	1979	-	-	-	-	-16.55%	NA	NA	NA	NA	NA	NA	NA	NA
341	1980	-	-	-	-	0.00%	0.00%	-16.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
341	1981	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
341	1982	3,311	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
341	1983	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
341	1984	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
341	1985	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
341	1986	128,015	571	1,524	(653)	-0.74%	-0.74%	-0.74%	-0.74%	-0.74%	-0.74%	-0.74%	-0.74%	-0.74%
341	1987	9,203	-	2,625	(2,625)	-2.61%	-2.61%	-2.61%	-2.61%	-2.61%	-2.61%	-2.61%	-2.61%	-2.61%
341	1988	-	-	916	(916)	-3.28%	-3.28%	-3.28%	-3.28%	-3.28%	-3.28%	-3.28%	-3.28%	-3.28%
341	1989	-	-	2,270	(2,270)	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%
341	1990	-	-	2,017	(2,017)	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%	-6.34%
341	1991	54,882	-	14,007	(14,007)	-21.85%	-21.85%	-21.85%	-21.85%	-21.85%	-21.85%	-21.85%	-21.85%	-21.85%
341	1992	-	-	17,931	(17,931)	7.15%	10.83%	6.69%	5.02%	0.20%	-0.43%	-0.43%	-0.43%	-0.43%
341	1993	-	-	-	-	7.15%	10.83%	6.69%	5.02%	0.20%	-0.43%	-0.43%	-0.43%	-0.43%
341	1994	-	-	-	-	7.15%	10.83%	6.69%	5.02%	0.20%	-0.43%	-0.43%	-0.43%	-0.43%
341	1995	25,000	-	1,700	(1,700)	-6.80%	-6.80%	64.92%	2.78%	5.31%	2.47%	1.32%	-1.76%	-1.16%
341	1996	2,500	-	300	(300)	-7.27%	-7.27%	-7.27%	-7.27%	2.34%	4.78%	2.03%	0.82%	-2.04%
341	1997	-	-	-	-	-12.00%	NA	-7.27%	-7.27%	57.93%	2.34%	4.78%	2.03%	0.92%
341	1998	-	-	-	-	NA	NA	-7.27%	-7.27%	57.93%	2.34%	4.78%	2.03%	0.92%
341	1999	-	-	-	-	NA	NA	-7.27%	-7.27%	57.93%	2.34%	4.78%	2.03%	0.92%
341	2000	-	-	-	-	NA	NA	-7.27%	-7.27%	57.93%	2.34%	4.78%	2.03%	0.92%
341	2001	-	-	-	-	NA	NA	-7.27%	-7.27%	57.93%	2.34%	4.78%	2.03%	0.92%
341	2002	-	-	-	-	NA	NA	-7.27%	-7.27%	57.93%	2.34%	4.78%	2.03%	0.92%
341	2003	4,500	5,800	6,966	(1,366)	-30.35%	-30.35%	NA	NA	-12.00%	-12.00%	-7.27%	-7.27%	-7.27%
341	2004	-	-	-	-	-30.35%	-30.35%	NA	NA	-12.00%	-12.00%	-7.27%	-7.27%	-7.27%
341	2005	3,000	-	27,460	(27,460)	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2006	-	-	-	-	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2007	-	-	-	-	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2008	2,773	-	-	-	0.00%	0.00%	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2009	-	-	-	-	0.00%	0.00%	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2010	-	-	-	-	0.00%	0.00%	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2011	236,807	-	-	-	0.00%	0.00%	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2012	-	-	-	-	0.00%	0.00%	-916.01%	-916.01%	-30.35%	-30.35%	-30.35%	-30.35%	-30.35%
341	2013	25,415	(23,168)	100	(23,268)	-91.55%	-91.55%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%
341	2014	-	-	-	-	-91.55%	-91.55%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%
341	2015	-	-	-	-	-91.55%	-91.55%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%
341	2016	5,445	-	974	(974)	-17.89%	-17.89%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%
341	2017	240,088	-	-	-	-17.89%	-17.89%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%	-8.87%
341	2018	-	-	-	-	0.00%	0.00%	-0.40%	-0.40%	-0.40%	-0.40%	-0.40%	-0.40%	-0.40%

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
342	1978	63,139	9,262	1,456	7,806	12.36%	NA	12.36%	NA	NA	NA	NA	NA	NA	NA
342	1979	-	-	-	-	12.36%	NA	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%
342	1980	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1981	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1982	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1983	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1984	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1985	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1986	(0)	2,054	6,708	(4,654)	1604827.59%	1604827.59%	1604827.59%	1604827.59%	1604827.59%	1604827.59%	1604827.59%	1604827.59%	1604827.59%	1604827.59%
342	1987	22,865	-	6,321	(6,321)	-28.52%	-28.52%	-28.52%	-28.52%	-28.52%	-28.52%	-28.52%	-28.52%	-28.52%	-28.52%
342	1988	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1989	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1990	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1991	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1992	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1993	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1994	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1995	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1996	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1997	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1998	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	1999	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2000	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2001	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
342	2002	6,000	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
342	2003	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
342	2004	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
342	2005	3,811	6,214	84,748	(78,535)	-2060.80%	-2060.80%	-2060.80%	-2060.80%	-2060.80%	-2060.80%	-2060.80%	-2060.80%	-2060.80%	-2060.80%
342	2006	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2007	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2008	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2009	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2010	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
342	2011	7,622	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
342	2012	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2013	-	-	2,520	(2,520)	-21.42%	-21.42%	-21.42%	-21.42%	-21.42%	-21.42%	-21.42%	-21.42%	-21.42%	-21.42%
342	2014	11,761	-	2,042	(2,042)	-38.78%	-38.78%	-38.78%	-38.78%	-38.78%	-38.78%	-38.78%	-38.78%	-38.78%	-38.78%
342	2015	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2016	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2017	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
342	2018	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
343	1978	77,840	1,051	13,932	(12,881)	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%
343	1979	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1980	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1981	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1982	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1983	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1984	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1985	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
343	1986	2,663,552	26,962	82,432	(55,470)	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%
343	1987	83,748	-	26,746	(26,746)	-28.53%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%	-2.08%
343	1988	-	-	15,134	(15,134)	-3.53%	-2.98%	-2.98%	-3.53%	-3.53%	-3.53%	-3.53%	-3.53%	-3.53%	-3.53%
343	1989	-	-	37,508	(37,508)	-84.67%	-44.67%	-84.67%	-4.89%	-4.89%	-4.89%	-4.89%	-4.89%	-4.89%	-4.89%
343	1990	4,000	21,000	11,399	9,601	NA	NA	NA	-74.44%	-4.54%	-4.54%	-4.54%	-4.54%	-4.54%	-4.54%
343	1991	-	-	2,474	51,526	1288.15%	1528.18%	590.48%	212.13%	-18.68%	-2.67%	-2.67%	-2.67%	-2.67%	-2.67%
343	1992	-	-	-	-	NA	1288.15%	1528.18%	590.48%	212.13%	-18.68%	-2.67%	-2.67%	-2.67%	-2.67%
343	1993	-	-	-	-	NA	NA	NA	1288.15%	1528.18%	590.48%	212.13%	-18.68%	-2.67%	-2.67%
343	1994	-	-	-	-	NA	NA	NA	NA	1288.15%	1528.18%	590.48%	212.13%	-18.68%	-2.67%
343	1995	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	1996	75,000	-	38,259	(38,259)	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	1997	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	1998	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	1999	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	2000	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	2001	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	2002	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	2003	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	2004	-	-	-	-	NA	NA	NA	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%	-51.01%
343	2005	270,549	127,081	52,608	74,273	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%
343	2006	-	-	-	-	NA	NA	NA	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%	27.45%
343	2007	-	-	696	(696)	-0.00%	-6.58%	-6.58%	26.17%	26.17%	26.17%	26.17%	26.17%	26.17%	26.17%
343	2008	-	-	-	-	NA	0.00%	-6.58%	26.17%	26.17%	26.17%	26.17%	26.17%	26.17%	26.17%
343	2009	-	-	-	-	NA	0.00%	-6.58%	26.17%	26.17%	26.17%	26.17%	26.17%	26.17%	26.17%
343	2010	13,392	-	1,725	(1,725)	-12.88%	-12.88%	-12.88%	-7.20%	-10.11%	-10.11%	-10.11%	-10.11%	-10.11%	-10.11%
343	2011	463,584	-	17,812	(17,812)	-3.84%	-4.10%	-4.10%	-4.10%	-4.10%	-4.10%	-4.10%	-4.10%	-4.10%	-4.10%
343	2012	288,064	-	7,335	(7,335)	-2.55%	-3.35%	-3.35%	-3.35%	-3.35%	-3.35%	-3.35%	-3.35%	-3.35%	-3.35%
343	2013	3,522,230	-	5,411	(5,411)	0.00%	-0.19%	-0.19%	-0.19%	-0.19%	-0.19%	-0.19%	-0.19%	-0.19%	-0.19%
343	2014	3,773,312	-	-	-	-0.14%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%	-0.07%
343	2015	-	-	428,366	(428,366)	-10.85%	-10.85%	-10.85%	-5.62%	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%
343	2016	-	-	-	-	0.00%	-10.83%	-10.83%	-5.61%	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%
343	2017	3,948,548	-	-	-	-	-	-	-	-	-	-	-	-	-
343	2018	7,053	-	-	-	-	-	-	-	-	-	-	-	-	-

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv.	3-yr Net Salv.	4-yr Net Salv.	5-yr Net Salv.	6-yr Net Salv.	7-yr Net Salv.	8-yr Net Salv.	9-yr Net Salv.	10-yr Net Salv.
344	1983	10,000	80	-	80	0.80%	0.80%	0.80%	-	-	-	-	-	-	-
344	1984	-	-	-	-	NA	NA	0.80%	-	-	-	-	-	-	-
344	1985	-	-	-	-	NA	NA	-0.66%	-	-	-	-	-	-	-
344	1986	1,900,267	4,961	15,465	(10,534)	-0.66%	-0.66%	-0.66%	-0.65%	10.07%	9.58%	8.34%	7.23%	7.07%	5.13%
344	1987	-	-	75,370	(7,756)	NA	10.12%	0.66%	10.12%	10.07%	9.58%	8.34%	7.23%	7.07%	5.13%
344	1988	-	-	1,735	(1,735)	NA	0.00%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
344	1989	11,300	-	1,954	(8,954)	-169.65%	-288.13%	1288.13%	1200.30%	7.77%	7.77%	7.77%	7.77%	7.77%	7.77%
344	1990	-	-	10,202	(10,202)	-172.92%	-341.63%	-228.65%	-273.53%	729.53%	729.53%	729.53%	729.53%	729.53%	729.53%
344	1991	5,900	1,274	12,479	(11,205)	-2.83%	-53.32%	-7.80%	-12.22%	-14.09%	-14.09%	-14.09%	-14.09%	-14.09%	-14.09%
344	1992	396,224	-	484,976	(484,976)	-125.64%	-63.43%	-64.25%	-65.51%	-66.89%	-67.95%	-68.64%	-69.07%	-69.36%	-69.54%
344	1993	396,000	25,000	16,238	8,762	29.21%	-114.47%	-60.01%	-60.82%	-62.04%	-63.51%	-65.16%	-66.94%	-68.83%	-70.76%
344	1994	30,000	-	11,739	(9,157)	NA	-1.32%	-116.68%	-61.14%	-61.94%	-63.16%	-64.61%	-66.20%	-67.91%	-69.64%
344	1995	15,650	2,581	6,621	(6,621)	-42.31%	-100.82%	-15.37%	-113.98%	-60.78%	-60.78%	-61.58%	-62.77%	-64.20%	-65.71%
344	1996	471,415	-	2,843	9,553	2.03%	2.03%	0.60%	-1.28%	0.49%	0.49%	0.49%	0.49%	0.49%	0.49%
344	1997	-	-	-	-	NA	2.03%	0.60%	0.60%	-1.28%	-1.28%	-1.28%	-1.28%	-1.28%	-1.28%
344	1998	-	-	-	-	NA	2.03%	2.03%	2.03%	2.03%	2.03%	2.03%	2.03%	2.03%	2.03%
344	1999	-	-	-	-	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
344	2000	-	-	-	-	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
344	2001	223,000	20,521	20,521	-	0.00%	0.00%	0.00%	0.00%	1.38%	1.38%	1.38%	1.38%	1.38%	1.38%
344	2002	50,000	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
344	2003	-	-	-	-	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
344	2004	-	-	-	-	NA	10.43%	10.19%	9.24%	9.24%	9.24%	9.24%	9.24%	9.24%	9.24%
344	2005	2,115,028	270,919	50,258	220,660	10.43%	10.43%	10.43%	10.19%	9.24%	9.24%	9.24%	9.24%	9.24%	9.24%
344	2006	-	-	-	-	NA	NA	10.05%	10.05%	9.24%	9.24%	9.24%	9.24%	9.24%	9.24%
344	2007	-	-	8,082	(8,082)	NA	NA	10.05%	10.05%	9.24%	9.24%	9.24%	9.24%	9.24%	9.24%
344	2008	129,377	-	4,217	(4,217)	-3.26%	-9.51%	-9.51%	-9.26%	9.26%	9.26%	9.26%	9.26%	9.26%	9.26%
344	2009	293,404	-	56,942	(56,942)	-19.41%	-19.41%	-19.41%	-16.38%	-16.38%	-16.38%	-16.38%	-16.38%	-16.38%	-16.38%
344	2010	-	-	-	-	NA	-19.41%	-19.41%	-16.38%	-16.38%	-16.38%	-16.38%	-16.38%	-16.38%	-16.38%
344	2011	2,140,905	-	12,442	(12,442)	-0.58%	-0.58%	-2.85%	-2.85%	-2.85%	-2.85%	-2.85%	-2.85%	-2.85%	-2.85%
344	2012	6,566	-	460	(460)	-7.01%	-0.60%	-0.60%	-0.60%	-2.88%	-2.88%	-2.88%	-2.88%	-2.88%	-2.88%
344	2013	-	-	-	-	NA	-0.60%	-0.60%	-0.60%	-2.88%	-2.88%	-2.88%	-2.88%	-2.88%	-2.88%
344	2014	118,736	-	36,110	(36,110)	-30.41%	-30.41%	-29.19%	-29.19%	-2.16%	-2.16%	-2.16%	-2.16%	-2.16%	-2.16%
344	2015	-	-	-	-	NA	-30.41%	-30.41%	-29.19%	-2.16%	-2.16%	-2.16%	-2.16%	-2.16%	-2.16%
344	2016	-	-	-	-	NA	-30.41%	-30.41%	-29.19%	-2.16%	-2.16%	-2.16%	-2.16%	-2.16%	-2.16%
344	2017	64,467	-	279	(279)	-0.43%	-0.43%	-0.43%	-19.86%	-19.86%	-19.86%	-19.86%	-19.86%	-19.86%	-19.86%
344	2018	105,668	-	9,272	(9,272)	-8.77%	-5.61%	-5.61%	-5.61%	-15.81%	-15.81%	-15.81%	-15.81%	-15.81%	-15.81%

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
345	1978	43,873	593	7,853	(7,260)	-16.55%									
345	1979	-	-	-	-	NA	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%	-16.55%
345	1980	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1981	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1982	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1983	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1984	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1985	506,672	5,004	9,879	(4,875)	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%
345	1986	-	-	2,017	(2,017)	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%
345	1987	-	-	4,988	(4,988)	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%	-0.96%
345	1988	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1989	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1990	201,985	-	51,667	(51,667)	-25.58%	-25.58%	-28.05%	-29.05%	-29.05%	-29.05%	-29.05%	-29.05%	-29.05%	-29.05%
345	1991	-	65,795	-	65,795	6.99%	6.99%	6.99%	6.99%	6.99%	6.99%	6.99%	6.99%	6.99%	6.99%
345	1992	47,787	-	4,188	(4,188)	-8.76%	-8.76%	-8.76%	-8.76%	-8.76%	-8.76%	-8.76%	-8.76%	-8.76%	-8.76%
345	1993	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1994	(168,617)	10,629	-	10,629	-6.30%	-6.30%	-5.33%	-5.33%	-5.33%	-5.33%	-5.33%	-5.33%	-5.33%	-5.33%
345	1995	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1996	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1997	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1998	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	1999	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	2000	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	2001	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	2002	47,102	-	1,460	(1,460)	-3.10%	-3.10%	-3.10%	-3.10%	-3.10%	-3.10%	-3.10%	-3.10%	-3.10%	-3.10%
345	2003	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	2004	106,123	-	40,271	(40,271)	-37.95%	-37.95%	-37.95%	-37.95%	-37.95%	-37.95%	-37.95%	-37.95%	-37.95%	-37.95%
345	2005	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	2006	-	-	17,699	(17,699)	-17.69%	-17.69%	-17.69%	-17.69%	-17.69%	-17.69%	-17.69%	-17.69%	-17.69%	-17.69%
345	2007	65,766	-	-	-	0.00%	0.00%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%
345	2008	-	-	-	-	NA	NA	0.00%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%
345	2009	-	-	-	-	NA	NA	0.00%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%	-26.91%
345	2010	713,067	-	3,076	(3,076)	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%
345	2011	26,115	-	1,309	(1,309)	-5.01%	-5.01%	-5.01%	-5.01%	-5.01%	-5.01%	-5.01%	-5.01%	-5.01%	-5.01%
345	2012	-	-	(67)	67	0.00%	0.00%	-0.59%	-0.59%	-0.59%	-0.59%	-0.59%	-0.59%	-0.59%	-0.59%
345	2013	-	-	23,230	(23,230)	-93.71%	-93.71%	-93.71%	-93.71%	-93.71%	-93.71%	-93.71%	-93.71%	-93.71%	-93.71%
345	2014	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
345	2015	3,178	-	-	-	0.00%	0.00%	-731.06%	-728.44%	-728.44%	-728.44%	-728.44%	-728.44%	-728.44%	-728.44%
345	2016	10,084	-	2,429	(2,429)	-24.09%	-24.09%	-18.32%	-18.32%	-18.32%	-18.32%	-18.32%	-18.32%	-18.32%	-18.32%
345	2017	-	-	25,357	(25,357)	-275.55%	-275.55%	-209.52%	-209.52%	-209.52%	-209.52%	-209.52%	-209.52%	-209.52%	-209.52%
345	2018	-	-	-	-	NA	NA	-384.18%	-384.18%	-384.18%	-384.18%	-384.18%	-384.18%	-384.18%	-384.18%

SPS TEXAS
PRODUCTION NET SALVAGE HISTORY AS ADJUSTED

Ferc Acct	Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv %	2-yr Net Salv %	3-yr Net Salv %	4-yr Net Salv %	5-yr Net Salv %	6-yr Net Salv %	7-yr Net Salv %	8-yr Net Salv %	9-yr Net Salv %	10-yr Net Salv %
346	1986	133,119	702	2,266	(1,564)	-1.17%	-1.17%	-1.23%	-1.38%	-1.38%	-1.38%	-1.38%	-1.38%	-1.38%	-12.76%
346	1987	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.23%
346	1988	-	-	77	(77)	NA	NA	NA	-1.38%	-1.38%	-1.38%	-1.38%	-1.38%	-1.38%	0.23%
346	1989	-	-	182	(182)	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16%
346	1990	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
346	1991	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
346	1992	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
346	1993	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
346	1994	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
346	1995	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	1996	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	1997	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	1998	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	1999	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2000	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2001	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2002	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2003	500	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2004	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2005	7,944	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2006	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2007	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2008	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2009	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2010	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
346	2011	5,459	-	307	(307)	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-2.28%
346	2012	-	-	-	-	NA	NA	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-5.62%	-2.28%
346	2013	-	-	204	(204)	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-3.81%
346	2014	-	-	-	-	NA	NA	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-3.81%
346	2015	118,976	-	-	-	0.00%	0.00%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.41%
346	2016	-	-	-	-	0.00%	0.00%	0.00%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.41%
346	2017	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.41%
346	2018	-	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.41%

Southwestern Public Service
Retirement and Salvage Analysis
Account 350 Depreciable Unadjusted Data
1995-2018

Farc Acct	Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %	
350	1996					NA										
350	1996					NA										
350	1997					NA										
350	1998					NA										
350	1999					NA										
350	2000					NA										
350	2001					NA										
350	2002					NA										
350	2003					NA										
350	2004					NA										
350	2005					NA										
350	2006					NA										
350	2007					NA										
350	2008					NA										
350	2009					NA										
350	2010					NA										
350	2011	26,242		5	(5)	-0.02%	-0.02%	-0.01%	-0.01%	-0.01%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%
350	2012	11,387				0.00%	0.00%	0.00%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%
350	2013					NA	NA	NA	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%	-0.01%
350	2014	3,557		264	(264)	-7.42%	-7.42%	-7.42%	-1.77%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%
350	2015					NA	NA	NA	-7.42%	-1.77%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%
350	2016					NA	NA	NA	-7.42%	-1.77%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%	-0.65%
350	2017			10,909	(10,909)	NA	NA	NA	-314.13%	-314.13%	-314.13%	-314.13%	-314.13%	-314.13%	-314.13%	-314.13%
350	2018					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Southwestern Public Service
Retirement and Salvage Analysis
Account 352 Adjusted Data
1985-2018

Ferc Acct	Transaction Year	Transaction History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv.	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %	
352	1985	-	738	402	336	NA	-20.25%	-	-	-	-	-	-	-	-	
352	1986	5,542	3,892	5,350	(1,458)	-26.31%	20.25%	-	-	-	-	-	-	-	-	
352	1987	14,358	1,109	2,983	(1,874)	-13.05%	-26.31%	20.25%	-	-	-	-	-	-	-	
352	1988	14,128	3,395	19,942	(16,547)	-117.12%	-13.05%	-15.82%	-15.82%	-	-	-	-	-	-	
352	1989	5,206	39	4,790	(4,751)	-91.26%	-64.67%	-64.67%	-58.42%	-57.43%	-	-	-	-	-	
352	1990	4,538	186	4,604	(4,416)	-97.36%	-10.16%	-68.78%	-68.78%	-62.76%	-61.92%	-	-	-	-	
352	1991	7,708	821	6,187	(6,366)	-89.62%	-84.10%	-107.72%	-72.17%	-71.74%	-71.74%	-65.59%	-66.20%	-	-	
352	1992	2,353	58	4,972	(6,394)	-208.84%	-98.42%	-100.68%	-98.42%	-78.42%	-78.42%	-78.42%	-73.06%	-72.43%	-71.00%	
352	1993	1,325	6	1,331	(1,325)	-100.00%	-100.00%	-100.00%	-98.20%	-78.42%	-78.42%	-78.42%	-73.06%	-72.43%	-71.00%	
352	1994	1,128	5,985	1,532	(4,437)	-395.33%	-83.38%	-83.38%	-83.38%	-83.38%	-83.38%	-83.38%	-83.38%	-83.38%	-83.38%	-83.38%
352	1995	6,107	3,232	10,574	(7,342)	-120.23%	-21.85%	-21.85%	-47.18%	-54.21%	-53.86%	-53.86%	-50.57%	-50.57%	-50.57%	-50.57%
352	1997	153	-	-	-	0.00%	-117.25%	-21.70%	-20.78%	-46.76%	-53.86%	-60.32%	-60.32%	-60.32%	-60.32%	-60.32%
352	1998	74	-	-	-	0.00%	-115.91%	-21.58%	-20.68%	-46.55%	-53.72%	-60.16%	-60.16%	-60.16%	-60.16%	-60.16%
352	1999	2,452	-	-	-	0.00%	-83.56%	-18.25%	-17.73%	-40.72%	-48.89%	-48.89%	-48.89%	-48.89%	-48.89%	-48.89%
352	2000	408	-	-	-	0.00%	0.00%	0.00%	-79.65%	-17.60%	-17.32%	-39.89%	-48.17%	-55.08%	-55.08%	-55.08%
352	2001	1,455	-	-	-	0.00%	0.00%	0.00%	-12.00%	-12.00%	-12.00%	-12.00%	-12.00%	-12.00%	-12.00%	-12.00%
352	2002	18,893	11,578	36,483	(24,915)	-132.00%	-139.33%	-139.33%	-129.00%	-121.17%	-131.15%	-131.15%	-131.15%	-131.15%	-131.15%	-131.15%
352	2003	456	-	3,230	(3,230)	-722.25%	-153.27%	-153.27%	-153.27%	-153.27%	-153.27%	-153.27%	-153.27%	-153.27%	-153.27%	-153.27%
352	2004	163	-	500	(664)	-23.46%	-531.69%	-161.74%	-155.89%	-134.61%	-134.61%	-134.61%	-134.61%	-134.61%	-134.61%	-134.61%
352	2005	2,130	-	864	(664)	-23.46%	-21.79%	-137.89%	-146.70%	-146.22%	-143.33%	-124.35%	-123.96%	-123.96%	-123.96%	-123.96%
352	2006	-	-	481	(481)	0.00%	-59.50%	-169.35%	-169.35%	-148.60%	-148.60%	-148.60%	-148.60%	-148.60%	-148.60%	-148.60%
352	2007	17,715	63	1,278	(1,278)	0.00%	-5.59%	-9.29%	-8.33%	-9.29%	-9.29%	-9.29%	-9.29%	-9.29%	-9.29%	-9.29%
352	2008	14,189	-	1,753	-	0.00%	-2.05%	-5.49%	-4.80%	-7.16%	-8.05%	-8.05%	-8.05%	-8.05%	-8.05%	-8.05%
352	2009	5,187	1,852	1,852	-	0.00%	-6.80%	-3.49%	-4.80%	-4.32%	-4.32%	-4.32%	-4.32%	-4.32%	-4.32%	-4.32%
352	2010	5,187	1,852	1,852	-	0.00%	-6.80%	-3.49%	-4.80%	-4.32%	-4.32%	-4.32%	-4.32%	-4.32%	-4.32%	-4.32%
352	2011	62,481	-	7,028	(7,028)	-11.25%	-10.56%	-9.80%	-9.67%	-8.05%	-8.05%	-7.25%	-7.25%	-7.25%	-7.25%	-7.25%
352	2012	11,096	-	4,018	(4,018)	-36.21%	-15.01%	-14.23%	-13.94%	-12.71%	-12.71%	-11.20%	-11.20%	-11.20%	-11.20%	-11.20%
352	2013	53,701	190	11,898	(11,709)	-21.80%	-24.27%	-17.88%	-17.32%	-16.67%	-15.95%	-14.30%	-14.30%	-14.30%	-14.30%	-14.30%
352	2014	26,458	724	2,471	(1,747)	-32.22%	-26.01%	-27.13%	-21.07%	-20.96%	-19.94%	-19.12%	-19.12%	-19.12%	-19.12%	-19.12%
352	2015	2,816	2,816	2,816	-	0.00%	-36.19%	-36.19%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%
352	2016	206,151	6,145	66,319	(58,170)	-28.22%	-36.79%	-36.79%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%	-33.15%
352	2017	291,910	7,412	266,042	(258,670)	-88.61%	-63.61%	-63.61%	-59.94%	-59.94%	-59.94%	-59.94%	-59.94%	-59.94%	-59.94%	-59.94%
352	2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Frc Acct	Year	Transaction History	Salvage	Removal Cost	Net Salvage	Net Salv %	2-Yr		3-Yr		4-Yr		5-Yr		6-Yr		7-Yr		8-Yr		10-Yr		
							Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.	Salv. %	Net Salv.
353	1968	86,645	20,269	6,833	13,454	15.53%	19.70%	19.96%	19.08%														
353	1969	35,251	12,604	2,041	10,563	29.97%	24.62%	20.84%	19.96%														
353	1970	47,239	13,454	3,705	9,749	20.64%	24.62%	20.64%	19.96%														
353	1971	14,651	6,087	1,184	4,903	33.47%	38.46%	38.46%	38.46%														
353	1972	130,723	8,326	8,861	3,333	-0.26%	2.96%	6.80%	6.80%														
353	1973	44,652	3,240	1,135	2,105	4.71%	3.14%	3.32%	3.32%														
353	1974	79,396	9,776	7,986	1,790	2.25%	3.14%	3.32%	3.32%														
353	1975	92,488	9,370	6,644	2,726	2.95%	3.63%	3.06%	3.06%														
353	1976	100,899	7,274	12,539	(5,265)	-5.22%	-1.31%	-0.27%	-0.27%														
353	1977	135,956	25,473	14,358	11,115	8.14%	2.48%	2.95%	2.95%														
353	1978	141,667	18,488	18,488	(0)	0%	0%	0%	0%														
353	1979	218,855	41,391	8,555	32,828	15.00%	14.37%	12.36%	12.36%														
353	1980	27,600	9,400	1,625	7,775	28.17%	16.47%	15.56%	15.56%														
353	1981	305,434	11,815	14,807	(3,022)	-1.01%	1.40%	6.78%	6.78%														
353	1982	121,198	8,898	6,437	(5,539)	-4.57%	-2.02%	4.74%	4.74%														
353	1983	92,197	34,586	32,161	2,425	2.63%	-1.46%	0.29%	0.29%														
353	1984	205,915	25,915	(60,481)	(34,566)	-16.83%	-13.95%	-1.84%	-1.84%														
353	1985	232,201	25,915	27,709	2,794	1.20%	0.82%	0.28%	0.28%														
353	1986	431,524	16,350	43,822	(27,472)	-6.37%	-4.15%	-0.26%	-0.26%														
353	1987	361,122	183,343	45,115	138,268	38.29%	13.98%	3.80%	3.80%														
353	1988	183,485	12,713	29,797	(17,084)	-9.31%	22.25%	11.00%	11.00%														
353	1989	2,638,935	1,452,462	205,677	1,246,785	47.25%	43.57%	42.97%	42.97%														
353	1990	519,391	146,934	90,986	55,948	10.77%	10.77%	38.47%	38.47%														
353	1991	1,147,623	151,810	162,482	(110,672)	-9.64%	-4.19%	5.44%	5.44%														
353	1992	908,431	151,810	65,708	85,104	8.71%	4.19%	4.19%	4.19%														
353	1993	550,668	25,294	123,465	(98,171)	-17.84%	-7.70%	-1.04%	-1.04%														
353	1994	468,192	72,916	53,093	19,823	4.23%	-7.70%	-0.39%	-0.39%														
353	1995	21,969	1,969	87,177	(85,208)	-11.89%	-4.46%	-6.47%	-6.47%														
353	1996	786,120	34,269	105,493	(71,224)	-9.06%	-10.22%	-8.74%	-8.74%														
353	1997	527,051	639,692	90,871	548,821	104.13%	36.37%	22.15%	22.15%														
353	1998	1,464,466	-	7,802	(7,802)	0.00%	0.00%	33.64%	33.64%														
353	1999	810,529	-	-	(810,529)	-100%	-100%	19.20%	19.20%														
353	2000	72,863	-	-	(72,863)	-100%	-100%	34.01%	34.01%														
353	2001	177,160	-	4,845	(4,845)	-2.73%	-1.94%	-0.46%	-0.46%														
353	2002	606,030	1,000,131	1,281,171	(281,040)	-34.87%	-29.08%	-27.07%	-27.07%														
353	2003	264,550	(110)	11,886	(11,886)	-4.49%	-27.96%	-23.96%	-23.96%														
353	2004	6,904	(110)	190,071	(189,961)	-27.58%	-14.42%	-13.99%	-13.99%														
353	2005	1,139,000	-	65,989	(65,989)	-5.79%	-5.43%	-15.44%	-15.44%														
353	2006	1,357,711	-	308,598	(249,473)	-18.37%	-12.08%	-16.79%	-16.79%														
353	2007	1,960,129	59,125	58,508	(615)	-0.03%	-0.03%	-13.37%	-13.37%														
353	2008	58,714	144,514	218,448	(149,734)	-8.15%	-12.33%	-13.38%	-13.38%														
353	2009	641,066	48,888	552,620	(503,732)	-21.10%	-20.11%	-13.34%	-13.34%														
353	2010	2,382,462	169,318	1,955,512	(1,786,194)	-74.93%	-74.93%	-18.59%	-18.59%														
353	2011	1,919,906	55,220	576,841	(521,621)	-27.18%	-25.15%	-24.33%	-24.33%														
353	2012	1,803,523	55,220	576,841	(521,621)	-27.18%	-25.15%	-24.33%	-24.33%														
353	2013	2,797,977	2,665	190,000	(187,335)	-6.69%	-34.03%	-25.96%	-25.96%														
353	2014	4,611,881	106,417	785,733	(679,316)	-14.90%	-21.67%	-20.57%	-20.57%														
353	2015	2,586,292	87,002	826,518	(739,516)	-28.59%	-19.82%	-21.56%	-21.56%														
353	2016	10,705,674	425,330	2,499,897	(2,074,567)	-19.38%	-21.17%	-20.29%	-20.29%														
353	2017	18,019,159	364,759	5,064,601	(4,699,842)	-26.16%	-24.96%	-23.97%	-23.97%														

Southwestern Public Service
 Retirement and Salvage Analysis
 Account Information
 1988-2018

Ferc Acct	Year	Transaction	History	Salvage	Removal Cost	Net Salvage	Net Salv.	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %	
354	1980		30,440	33,815	27,845	5,970	11.84%									
354	1981						NA	11.84%								
354	1982						NA	NA	11.84%							
354	1983						NA	NA	NA	11.84%						
354	1984						NA	NA	NA	NA	11.84%					
354	1985						NA	NA	NA	NA	NA	11.84%				
354	1986						NA	NA	NA	NA	NA	NA	11.84%			
354	1987						NA	NA	NA	NA	NA	NA	NA	11.84%		
354	1988						NA	NA	NA	NA	NA	NA	NA	NA	11.84%	
354	1989						NA	NA	NA	NA	NA	NA	NA	NA	NA	11.84%
354	1990						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2000						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2001						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2002						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2003						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2004						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2005						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2006						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2007						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2008						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2009						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2010						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2011						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2012						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2013						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
354	2014		20,154	7,789	95,654	(67,855)	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%
354	2015						NA	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%
354	2016						NA	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%
354	2017						NA	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%
354	2018						NA	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%	-435.92%

Southwestern Public Service Retirement and Salvage Analysis Account 385 Adjusted Data 1988-2018														
Ferc Acct	Transac- tion Year	Transac- tion History Retirements	Salvage	Removal Cost	Net Salv.	2- Yr Net Salv.	3- Yr Net Salv.	4- Yr Net Salv.	5- Yr Net Salv.	6- Yr Net Salv.	7- Yr Net Salv.	8- Yr Net Salv.	9- Yr Net Salv.	10- Yr Net Salv.
355	1968	239,408	70,833	39,223	13.20%	17.45%	11.89%	10.68%	12.76%	14.27%	14.11%	15.48%	13.79%	16.08%
355	1969	127,364	40,879	8,485	25.43%	1.46%	9.30%	12.57%	14.65%	14.46%	16.08%	15.48%	13.92%	16.08%
355	1970	21,943	8,145	4,069	3.40%	2.66%	3.30%	4.30%	5.30%	6.30%	7.30%	8.30%	9.30%	10.30%
355	1971	18,145	6,415	3,169	3.53%	2.66%	3.30%	4.30%	5.30%	6.30%	7.30%	8.30%	9.30%	10.30%
355	1972	133,409	51,433	20,384	23.29%	14.90%	8.87%	12.57%	14.65%	14.46%	16.08%	15.48%	13.92%	16.08%
355	1973	84,301	40,263	24,267	28.79%	25.42%	18.61%	16.11%	17.54%	14.46%	14.41%	15.48%	13.79%	16.08%
355	1974	55,902	13,019	15,998	11.52%	21.90%	22.58%	22.96%	22.96%	19.39%	19.39%	19.39%	19.39%	19.39%
355	1975	151,015	19,460	6,441	12.83%	20.59%	12.64%	15.60%	17.33%	14.46%	14.41%	15.48%	13.79%	16.08%
355	1976	168,591	12,689	7,628	2.89%	12.64%	12.64%	15.60%	17.33%	14.46%	14.41%	15.48%	13.79%	16.08%
355	1977	13,550	3,746	2,038	2.73%	5.60%	5.60%	5.60%	5.60%	5.60%	5.60%	5.60%	5.60%	5.60%
355	1978	75,446	60,321	59,745	56.04%	56.04%	56.04%	56.04%	56.04%	56.04%	56.04%	56.04%	56.04%	56.04%
355	1979	121,194	107,289	31,949	62.25%	61.77%	58.26%	59.76%	59.76%	59.76%	59.76%	59.76%	59.76%	59.76%
355	1980	139,132	70,405	21,483	35.16%	47.77%	51.12%	51.12%	39.77%	35.95%	33.84%	33.84%	33.84%	33.84%
355	1981	289,803	184,359	110,160	4.69%	37.08%	42.82%	45.28%	46.39%	36.53%	36.53%	36.53%	36.53%	36.53%
355	1982	287,518	33,748	20,261	21.41%	24.08%	29.60%	29.60%	32.85%	34.99%	30.95%	29.83%	29.11%	29.10%
355	1983	285,000	382,891	185,184	69.35%	36.86%	37.28%	39.78%	42.32%	41.35%	37.86%	35.63%	35.81%	35.81%
355	1984	18,827	15,871	10,871	8.43%	10.87%	10.87%	10.87%	10.87%	10.87%	10.87%	10.87%	10.87%	10.87%
355	1985	135,862	100,863	145,791	33.07%	53.21%	6.44%	5.86%	13.87%	16.15%	20.07%	22.70%	24.78%	22.44%
355	1986	187,895	127,397	175,103	28.45%	30.52%	-4.35%	1.33%	0.33%	8.54%	11.06%	14.96%	17.63%	19.84%
355	1987	46,545	6,453	8,097	-3.53%	-23.03%	-26.93%	-40.66%	-1.46%	0.17%	8.13%	10.61%	14.43%	17.06%
355	1988	154,317	77,971	140,044	-40.22%	-31.72%	-30.23%	-31.00%	-40.56%	-7.72%	-4.85%	3.26%	5.82%	9.73%
355	1989	154,006	154,006	140,044	-31.72%	-31.72%	-30.23%	-31.00%	-40.56%	-7.72%	-4.85%	3.26%	5.82%	9.73%
355	1990	972,365	484,693	340,487	-35.03%	-35.74%	-34.45%	-33.71%	-33.65%	-37.25%	-21.50%	-18.10%	-11.61%	-9.15%
355	1991	430,919	60,191	282,833	-51.62%	-40.12%	-40.12%	-39.07%	-38.06%	-21.71%	-40.26%	-21.01%	-23.96%	-21.46%
355	1992	308,422	40,447	156,975	-37.78%	-55.67%	-55.67%	-44.34%	-44.34%	-43.48%	-42.42%	-41.91%	-43.63%	-32.76%
355	1993	179,511	25,059	151,133	-70.23%	-49.72%	-49.72%	-56.11%	-56.11%	-46.32%	-45.45%	-44.37%	-43.80%	-45.30%
355	1994	69,597	18,388	131,091	-161.94%	-86.85%	-69.02%	-66.97%	-61.83%	-50.30%	-49.65%	-48.78%	-47.45%	-46.77%
355	1995	812,460	636,428	493,228	-60.79%	-68.77%	-69.02%	-61.89%	-61.43%	-61.43%	-53.07%	-52.46%	-51.76%	-50.63%
355	1996	310,919	49,989	346,464	-95.35%	-70.36%	-75.70%	-74.99%	-68.16%	-68.88%	-65.80%	-56.96%	-55.64%	-55.64%
355	1997	101,146	11,252	167,157	-169.54%	-169.54%	-169.54%	-169.54%	-169.54%	-169.54%	-169.54%	-169.54%	-169.54%	-169.54%
355	1998	244,870	230	3,316	-178.42%	-178.42%	-178.42%	-178.42%	-178.42%	-178.42%	-178.42%	-178.42%	-178.42%	-178.42%
355	1999	663	-	-	0.00%	0.00%	-1.24%	-45.72%	-69.15%	-64.53%	-68.90%	-64.31%	-65.43%	-65.43%
355	2000	4,123	46,678	64,419	-430.28%	-370.69%	-7.11%	-8.28%	-69.08%	-64.50%	-68.90%	-64.31%	-65.43%	-65.43%
355	2001	107,543	352,912	889,464	-507.29%	-504.44%	-501.47%	-157.70%	-157.80%	-156.99%	-132.14%	-69.87%	-69.91%	-65.03%
355	2002	682,368	228,716	750,264	-76.43%	-136.56%	-136.56%	-136.56%	-136.56%	-104.48%	-108.87%	-105.98%	-98.32%	-95.97%
355	2003	416,542	7,773	709,352	-169.41%	-169.41%	-169.41%	-169.41%	-169.41%	-142.44%	-119.28%	-110.33%	-121.52%	-117.28%
355	2004	416,542	7,773	709,352	-169.41%	-169.41%	-169.41%	-169.41%	-169.41%	-142.44%	-119.28%	-110.33%	-121.52%	-117.28%
355	2005	94,689	281,242	291,242	-307.58%	-195.00%	-178.80%	-122.56%	-153.22%	-154.06%	-153.89%	-130.41%	-130.46%	-131.87%
355	2006	261,747	1,641	1,446,549	-552.02%	-487.09%	-319.91%	-297.72%	-197.31%	-218.00%	-218.54%	-189.71%	-189.71%	-189.71%
355	2007	310,876	13,162,268	1,242,707	-415.83%	-478.08%	-453.89%	-344.57%	-330.15%	-324.75%	-249.89%	-250.34%	-250.29%	-222.07%
355	2008	554,654	17,389	1,639,950	-292.53%	-336.82%	-368.79%	-380.65%	-317.78%	-344.32%	-344.27%	-298.52%	-259.80%	-259.39%
355	2009	1,189,152	9,913	4,582,142	-891.97%	-353.52%	-362.95%	-384.32%	-381.30%	-350.09%	-298.24%	-292.95%	-289.24%	-289.39%
355	2010	1,189,152	9,913	4,582,142	-891.97%	-353.52%	-362.95%	-384.32%	-381.30%	-350.09%	-298.24%	-292.95%	-289.24%	-289.39%
355	2011	1,370,071	40,513	4,164,469	-301.00%	-475.33%	-448.31%	-425.39%	-404.74%	-431.64%	-429.26%	-408.98%	-405.37%	-385.38%
355	2012	1,370,071	40,513	4,164,469	-301.00%	-475.33%	-448.31%	-425.39%	-404.74%	-431.64%	-429.26%	-408.98%	-405.37%	-385.38%
355	2013	2,178,313	151,516	7,235,084	-325.19%	-315.85%	-408.56%	-400.79%	-391.45%	-392.54%	-388.54%	-397.32%	-384.69%	-360.37%
355	2014	2,700,092	25,811	7,927,766	-292.66%	-307.18%	-306.83%	-364.30%	-366.77%	-362.24%	-364.01%	-369.08%	-368.48%	-339.00%
355	2015	1,781,222	214,589	3,364,330	-113.51%	-176.83%	-272.32%	-277.21%	-272.88%	-334.09%	-334.30%	-334.30%	-334.30%	-339.25%
355	2016	1,056,009	5,129,071	1,196,634	-131.71%	-152.26%	-140.82%	-164.37%	-258.18%	-305.74%	-313.69%	-312.70%	-315.31%	-320.25%
355	2017	3,875,966	7,897,268	5,129,071	-127.61%	-152.26%	-140.82%	-164.37%	-258.18%	-305.74%	-313.69%	-312.70%	-315.31%	-320.25%
355	2018	4,326,323	47,005	7,897,268	-172.94%	-153.77%	-149.22%	-153.60%	-160.33%	-200.06%	-207.99%	-237.16%	-249.65%	-271.27%

Southwestern Public Service
Refinement and Salvage Analysis
Account 386 Adjusted Data
1965-2018

Ferc Acct	Transaction Year	Transactional Hicon Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	10-Yr Net Salv. %
356	1966	232,619	133,617	31,144	102,473	44.05%	42.00%						
356	1969	110,268	48,154	6,629	41,525	37.66%	36.53%						
356	1970	129,484	42,925	14,385	28,540	22.04%	29.22%	36.69%					
356	1971	76,532	43,282	14,411	28,871	37.72%	31.29%	31.90%	36.10%				
356	1972	35,715	5,102	5,102	0.00%	0.00%	0.00%	31.90%	36.10%				
356	1973	9,460	3,876	3,876	0.00%	0.00%	0.00%	31.90%	36.10%				
356	1974	28,921	9,016	5,225	3,791	14.08%	20.04%	30.85%	27.49%	35.42%			
356	1975	152,629	87,481	25,040	62,441	40.91%	38.89%	34.74%	31.51%	35.73%	34.60%		
356	1976	98,424	3,960	2,079	1,881	1.91%	25.62%	24.47%	26.13%	27.99%	28.40%	32.23%	
356	1977	91,077	66,961	29,259	37,702	63.36%	33.44%	34.09%	33.16%	33.01%	31.49%	32.33%	34.95%
356	1978	55,439	20,584	7,569	13,015	23.48%	48.27%	29.64%	32.00%	32.05%	32.74%	30.90%	31.77%
356	1979	62,731	17,013	38,497	34,897	61.37%	43.59%	36.11%	37.70%	36.40%	35.50%	35.35%	35.24%
356	1980	113,088	41,946	15,523	26,423	23.35%	37.91%	42.89%	33.12%	34.24%	33.64%	33.46%	35.85%
356	1981	20,446	164,726	55,926	108,800	48.65%	48.85%	48.85%	38.17%	38.17%	38.17%	38.17%	38.17%
356	1982	53,134	6,312	6,312	0.00%	0.00%	39.08%	38.84%	37.09%	40.87%	35.62%	35.62%	35.40%
356	1983	278,432	158,131	156,460	1,671	0.60%	20.79%	21.50%	24.78%	24.78%	25.96%	25.96%	27.61%
356	1984	57,102	178,339	206,053	(27,714)	-48.53%	-8.85%	-8.85%	16.23%	19.68%	19.92%	24.01%	24.34%
356	1985	99,118	56,520	66,046	(9,526)	-9.61%	-8.16%	-5.02%	11.40%	13.24%	16.52%	20.85%	19.28%
356	1986	196,651	139,705	139,705	(9,710)	-5.83%	-7.24%	-7.53%	10.44%	13.10%	16.52%	20.85%	19.28%
356	1987	31,455	1,826	1,826	(1,826)	-24.48%	-6.63%	-7.71%	-7.74%	-5.44%	7.97%	9.89%	12.84%
356	1988	1,276,523	479,266	294,601	184,665	14.47%	13.42%	11.26%	10.95%	7.92%	6.86%	7.24%	11.96%
356	1989	162,779	233,684	91,490	132,194	72.32%	21.71%	20.99%	17.95%	16.40%	14.37%	12.55%	12.75%
356	1991	58,172	13,303	96,122	(82,819)	-142.37%	20.49%	14.70%	12.55%	10.96%	11.34%	9.53%	8.68%
356	1992	116,180	17,784	60,389	(46,605)	-36.67%	15.42%	11.72%	11.12%	10.86%	9.44%	8.47%	6.08%
356	1993	133,610	14,468	62,296	(47,828)	-35.80%	-38.20%	-8.37%	8.13%	7.64%	7.51%	6.39%	5.62%
356	1994	40,965	6,965	24,528	(17,563)	-43.51%	-56.26%	-54.76%	-11.04%	6.97%	6.52%	6.40%	5.39%
356	1995	229,426	85,403	215,520	(130,347)	-57.06%	-55.03%	-45.96%	-55.68%	-24.68%	-21.1%	-0.49%	-0.96%
356	1996	1,148,867	1,148,867	1,148,867	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
356	1997	50,012	2,491	29,559	(27,467)	-54.92%	-95.95%	-70.14%	-61.94%	-57.60%	-64.32%	-37.07%	-7.23%
356	1998	20,801	2,491	29,559	(27,467)	-54.92%	-95.95%	-70.14%	-61.94%	-57.60%	-64.32%	-37.07%	-7.23%
356	1999	51,014	-	-	0.00%	0.00%	-38.79%	-69.20%	-66.68%	-59.72%	-55.88%	-62.54%	-34.38%
356	2000	4,808	-	-	0.00%	0.00%	0.00%	-21.89%	-61.46%	-60.02%	-54.90%	-58.58%	-58.58%
356	2001	11,295	-	-	0.00%	0.00%	0.00%	-21.89%	-61.46%	-60.84%	-59.45%	-54.48%	-51.73%
356	2002	935,765	165,103	642,261	(467,178)	-48.86%	0.00%	0.00%	-19.91%	-51.56%	-59.39%	-58.14%	-50.97%
356	2003	1,022,355	330,971	571,944	(240,673)	-23.64%	-48.27%	-46.03%	-45.99%	-45.14%	-51.49%	-52.40%	-50.77%
356	2004	1,754,197	8,534	37,905	(29,371)	-1.67%	-1.53%	-1.71%	-29.89%	-29.25%	-29.53%	-33.11%	-35.19%
356	2005	97,983	305,253	6,568	298,685	14.55%	14.55%	-17.17%	-17.13%	-17.11%	-16.90%	-16.82%	-16.60%
356	2006	94,315	-	3,705	90,610	305.04%	14.55%	0.85%	-9.85%	-9.85%	-9.85%	-9.74%	-10.20%
356	2007	150,261	40,919	307,590	(307,590)	-326.13%	-4.53%	-1.81%	-7.98%	-16.62%	-16.58%	-16.56%	-16.30%
356	2008	546,435	3,220	272,386	(234,049)	-42.84%	-220.40%	-12.85%	-11.93%	-14.01%	-21.13%	-21.06%	-20.83%
356	2009	824,293	36,174	296,531	(296,531)	-35.99%	-75.32%	-60.01%	-21.29%	-20.06%	-19.19%	-24.60%	-24.53%
356	2010	1,560,662	1,560,662	1,560,662	0.00%	0.00%	-48.22%	-65.39%	-44.20%	-21.67%	-20.90%	-24.96%	-24.91%
356	2011	1,560,662	1,560,662	1,560,662	0.00%	0.00%	-48.22%	-65.39%	-44.20%	-21.67%	-20.90%	-24.96%	-24.91%
356	2012	2,135,765	129,449	2,478,265	(2,348,816)	-109.97%	-116.70%	-83.44%	-80.59%	-82.47%	-86.34%	-79.95%	-61.10%
356	2013	1,336,267	7,393	2,844,424	(2,348,816)	-109.97%	-116.70%	-83.44%	-80.59%	-82.47%	-86.34%	-79.95%	-61.10%
356	2014	1,605,438	259,897	1,821,000	(1,561,103)	-87.24%	-149.36%	-122.02%	-109.97%	-105.60%	-106.61%	-109.46%	-84.31%
356	2015	76,040	15,209	198,565	(156,356)	-203.00%	-152.32%	-133.82%	-116.55%	-107.45%	-104.05%	-105.40%	-102.75%
356	2016	1,463,139	5,771,175	5,771,175	0.00%	0.00%	-393.40%	-386.86%	-386.86%	-386.86%	-386.86%	-386.86%	-386.86%
356	2017	1,765,914	43,024	2,308,394	(2,465,370)	-139.61%	-254.76%	-231.04%	-203.26%	-205.19%	-178.51%	-159.74%	-145.74%
356	2018	-	-	-	-	-	-	-	-	-	-	-	-

Southwestern Public Service
 Retirement and Salvage Analysis
 Account 357 Adjusted Data
 1985-2018

Exec Acct	Transaction Year	Transactional High Retirements	Salvage	Removal Cost	Net Salvage	Net Sav. %	2-yr Net Sav. %	3-yr Net Sav. %	4-yr Net Sav. %	5-yr Net Sav. %	6-yr Net Sav. %	7-yr Net Sav. %	8-yr Net Sav. %	9-yr Net Sav. %	10-yr Net Sav. %
357	1977	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1978	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1979	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1980	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1981	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1982	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1983	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1984	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1985	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1986	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1987	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1988	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1989	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1990	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1991	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1992	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1993	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1994	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1995	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1996	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1997	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1998	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	1999	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2000	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2001	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2002	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2003	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2004	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2005	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2006	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2007	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2008	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2009	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2010	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2011	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2012	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2013	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2014	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2015	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2016	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2017	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
357	2018	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Southwestern Public Service
 Retirement and Salvage Analysis
 Account 380 Depreciable Unadjusted Data
 1995-2018

Farc Acct	Transaction Year	Transaccional History	Retirements	Salvage	Removal Cost	Net Salvage	Net Salv %	2-yr Net Salv %	3-yr Net Salv %	4-yr Net Salv %	5-yr Net Salv %	6-yr Net Salv %	7-yr Net Salv %	8-yr Net Salv %	9-yr Net Salv %	10-yr Net Salv %	
360	1995					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	1996					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	1997					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	1998					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	1999					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2000					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2001					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2002					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2003					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2004					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2005					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2006					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2007					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2008					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2009					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2010					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2011					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2012					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2013					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2014					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2015					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2016					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2017					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
360	2018					0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Southwestern Public Service
Retirement and Salvage Analysis
Account 381 Adjusted Data
1977-2018

Ferc Acct.	Transac- tion Year	Transac- tional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv.	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
361	1977	419	235	105	130	31.03%	31.03%								
361	1978					NA	NA								
361	1979					NA	NA								
361	1980					NA	NA								
361	1981					NA	NA								
361	1982					NA	NA								
361	1983					NA	NA								
361	1984					NA	NA								
361	1985					NA	NA								
361	1986					NA	NA								
361	1987					NA	NA								
361	1988					NA	NA								
361	1989					NA	NA								
361	1990					NA	NA								
361	1991	600		88	(88)	-14.67%	-14.67%	-14.67%	-14.67%	-14.67%	-14.67%	-14.67%	-14.67%	-14.67%	-14.67%
361	1992					NA	NA								
361	1993					NA	NA								
361	1994					NA	NA								
361	1995					NA	NA								
361	1996					NA	NA								
361	1997					NA	NA								
361	1998					NA	NA								
361	1999					NA	NA								
361	2000					NA	NA								
361	2001					NA	NA								
361	2002	19,574	15,645	35,136	(19,490)	-99.57%	-99.57%	-99.57%	-99.57%	-99.57%	-99.57%	-99.57%	-99.57%	-99.57%	-99.57%
361	2003	18,538		3,675	(3,675)	-19.41%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%
361	2004	18,538		3,675	(3,675)	-19.41%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%	-60.15%
361	2005	228,478		6,041	(6,041)	-2.63%	-2.63%	-2.63%	-2.63%	-2.63%	-2.63%	-2.63%	-2.63%	-2.63%	-2.63%
361	2006			143	(143)	NA	NA								
361	2007	52,620	150	21,787	(21,637)	-40.96%	-41.23%	-9.86%	-9.78%	-10.38%	-10.87%	-10.87%	-10.87%	-10.87%	-10.87%
361	2008	6,000		1,030	(1,030)	-17.17%	-38.78%	-9.94%	-9.94%	-9.94%	-9.94%	-9.94%	-9.94%	-9.94%	-9.94%
361	2009	7,656	70	284	(214)	-2.80%	-9.11%	-34.42%	-34.42%	-34.42%	-34.42%	-34.42%	-34.42%	-34.42%	-34.42%
361	2010	16,895	116	1,767	(1,651)	-9.77%	-7.60%	-9.48%	-9.48%	-9.48%	-9.48%	-9.48%	-9.48%	-9.48%	-9.48%
361	2011	31,528	14	(2,837)	3,001	9.89%	2.46%	2.46%	0.16%	-17.61%	-17.61%	-17.61%	-17.61%	-17.61%	-17.61%
361	2012	31,708	30	5,165	(4,838)	-15.26%	-18.02%	-18.02%	-18.02%	-18.02%	-18.02%	-18.02%	-18.02%	-18.02%	-18.02%
361	2013	10,559	180	175	(175)	-47.12%	-18.02%	-6.77%	-6.77%	-6.77%	-6.77%	-6.77%	-6.77%	-6.77%	-6.77%
361	2014					NA	NA								
361	2015	9,032		4,374	(4,374)	-48.43%	-50.37%	-23.03%	-23.03%	-23.03%	-23.03%	-23.03%	-23.03%	-23.03%	-23.03%
361	2016	5,039		2,103	(2,103)	-41.74%	-46.03%	-47.25%	-47.25%	-47.25%	-47.25%	-47.25%	-47.25%	-47.25%	-47.25%
361	2017	20,283	1,398	236,743	(235,345)	-1160.33%	-937.72%	-703.91%	-704.42%	-549.69%	-300.02%	-204.59%	-180.74%	-171.38%	-165.30%
361	2018	62,277	1,537	8,013	(6,476)	-10.40%	-292.90%	-278.45%	-256.85%	-257.14%	-236.45%	-176.39%	-138.66%	-127.79%	-123.19%

Southwestern Public Service
Retirement and Salvage Analysis
Account 382 Adjusted Data
1972-2018

Fisc Acct	Transaction Year	Transaccional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
362	1972	79,998	3,209	3,864	-0.94%	0.84%									
362	1973	175,256	5,933	3,472	2.74%	2.57%	1.53%								
362	1974	113,223	8,920	4,120	2.90%	2.57%	2.57%								
362	1975	130,450	10,374	5,424	3.74%	3.42%	3.42%		1.79%						
362	1976	149,449	11,142	17,911	1.38%	1.90%	2.05%	1.79%	2.16%						
362	1977	248,491	22,849	6,365	2.95%	2.25%	2.25%	1.72%	2.24%	1.72%					
362	1978	204,657	24,076	18,575	2.69%	2.62%	2.41%	2.35%	2.33%	2.35%	1.98%	1.98%	2.12%	2.56%	2.56%
362	1979	214,971	27,283	17,205	4.69%	3.71%	3.28%	3.28%	3.06%	2.85%	2.38%	2.81%	2.81%	5.60%	5.60%
362	1980	116,771	60,241	21,291	34.89%	14.78%	10.17%	10.17%	7.76%	7.11%	6.12%	6.12%	5.78%	5.60%	4.57%
362	1981	149,865	45,333	16,833	30.26%	14.78%	10.17%	10.17%	7.76%	7.11%	6.12%	6.12%	5.78%	4.98%	4.57%
362	1982	302,247	24,787	30,319	-1.83%	2.56%	6.39%	6.39%	9.71%	9.71%	6.39%	6.39%	5.35%	4.98%	4.57%
362	1983	333,308	77,823	35,877	-12.58%	6.43%	6.43%	6.43%	9.64%	9.64%	7.86%	7.86%	6.77%	6.26%	6.05%
362	1984	187,084	71,296	39,740	-23.24%	15.70%	9.07%	9.07%	11.04%	11.04%	10.44%	10.44%	9.44%	8.18%	7.57%
362	1985	70,852	21,692	38,128	-2.89%	6.16%	7.03%	7.03%	6.68%	6.68%	7.03%	7.03%	8.80%	8.05%	7.86%
362	1986	389,069	5,369	16,052	-2.89%	-6.16%	2.01%	3.89%	5.68%	5.68%	4.57%	4.57%	6.65%	6.43%	6.05%
362	1987	547,820	470,876	402,340	73.44%	42.72%	37.98%	30.30%	35.32%	24.93%	24.93%	23.09%	23.65%	21.93%	20.40%
362	1988	1,186,888	1,186,888	1,186,888	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
362	1989	587,817	120,516	163,889	-7.64%	-5.51%	-14.08%	-11.65%	-11.65%	-10.72%	-11.41%	-11.41%	-11.54%	-10.52%	-10.52%
362	1990	571,861	18,205	116,955	-17.27%	-12.47%	-8.52%	-6.40%	-7.63%	-6.40%	-5.75%	-6.80%	-7.13%	-6.46%	-6.56%
362	1991	328,195	12,174	91,148	-24.06%	-15.06%	-10.51%	-4.29%	-10.51%	-4.29%	-3.52%	-2.89%	-3.90%	-4.61%	-4.17%
362	1992	603,331	2,594	53,702	-8.47%	-13.96%	-10.12%	-10.12%	-13.14%	-12.21%	-10.03%	-10.03%	-1.20%	-1.32%	-2.92%
362	1993	381,481	50,258	93,491	-9.19%	-12.83%	-10.98%	-14.37%	-14.05%	-12.56%	-10.03%	-10.03%	-10.69%	-10.53%	-10.31%
362	1994	669,925	4,311	72,665	-0.65%	-12.83%	-10.98%	-14.37%	-14.05%	-12.56%	-10.03%	-10.03%	-10.69%	-10.53%	-10.31%
362	1995	94,854	4,717	6,854	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%
362	1996	927,776	185,317	140,020	8.58%	-3.05%	-6.03%	-5.94%	-5.54%	-5.94%	-5.66%	-5.66%	-5.95%	-5.66%	-5.61%
362	1997	64,128	81,368	29,333	45.74%	12.61%	-1.04%	-4.41%	-4.41%	-5.13%	-5.81%	-7.61%	-9.03%	-8.86%	-7.98%
362	1998	629,444	7,003	29,265	-3.54%	1.02%	4.29%	0.37%	-1.76%	-4.20%	-4.80%	-5.41%	-6.96%	-8.27%	-8.20%
362	1999	1,189,832	-	-	0.00%	-1.22%	0.00%	-1.22%	2.16%	-2.90%	-2.90%	-4.41%	-4.07%	-5.34%	-6.53%
362	2000	376,750	-	-	0.00%	0.00%	0.00%	0.00%	0.31%	-1.01%	-1.02%	-2.64%	-3.15%	-3.77%	-4.98%
362	2001	1,125,945	6,768	6,768	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%
362	2002	1,205,940	1,126,728	1,126,728	-23.86%	-14.94%	-10.42%	-8.19%	-8.19%	-7.41%	-6.95%	-4.94%	-5.70%	-5.44%	-5.44%
362	2003	927,965	61,470	78,654	-1.85%	-13.84%	-10.66%	-9.41%	-9.41%	-8.65%	-6.44%	-5.78%	-4.43%	-5.16%	-5.86%
362	2004	61,470	-	-	NA	NA	-13.84%	-13.84%	-10.66%	-9.41%	-8.65%	-6.44%	-5.78%	-4.43%	-5.16%
362	2005	701,636	32,000	71,693	-5.66%	-5.66%	-3.48%	-3.48%	-11.82%	-9.66%	-8.73%	-6.69%	-6.34%	-4.57%	-4.57%
362	2006	34,831	70,887	70,887	-202.94%	-14.99%	-14.99%	-14.99%	-11.82%	-9.66%	-8.73%	-6.69%	-6.34%	-4.57%	-4.57%
362	2007	130,315	33,644	197,897	-129.43%	-141.76%	-31.60%	-31.60%	-31.60%	-14.13%	-11.55%	-10.45%	-8.01%	-7.53%	-6.94%
362	2008	679,870	18,000	163,453	-2.62%	-12.43%	-10.22%	-10.22%	-16.97%	-16.22%	-16.97%	-15.95%	-14.12%	-10.91%	-10.13%
362	2009	350,098	26,025	168,182	-40.80%	-15.93%	-26.63%	-26.63%	-31.12%	-32.49%	-32.49%	-18.10%	-14.12%	-16.85%	-10.53%
362	2010	493,074	32,164	205,815	-41.74%	-41.74%	-23.43%	-23.43%	-30.71%	-33.93%	-33.93%	-26.19%	-19.72%	-20.58%	-18.03%
362	2011	2,336,673	46,413	278,905	-9.99%	-15.53%	-18.29%	-18.29%	-15.65%	-20.61%	-20.61%	-18.47%	-18.47%	-15.82%	-17.06%
362	2012	1,925,946	66,280	340,343	-14.23%	-11.91%	-15.00%	-15.00%	-16.76%	-18.19%	-18.19%	-18.60%	-17.27%	-15.43%	-15.43%
362	2013	581,311	47,903	244,555	-33.83%	-33.83%	-14.23%	-14.23%	-16.76%	-18.19%	-18.19%	-18.60%	-17.27%	-15.43%	-15.43%
362	2014	26,935	11,650	148,124	-510.90%	-54.84%	-24.00%	-24.00%	-17.28%	-19.59%	-19.59%	-18.87%	-20.94%	-21.89%	-20.35%
362	2015	366,474	366,474	366,474	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
362	2016	384,097	18,837	251,718	-68.77%	-45.39%	-54.94%	-54.94%	-48.46%	-54.94%	-54.94%	-24.82%	-23.33%	-23.21%	-24.87%
362	2017	1,085,721	18,397	600,093	-53.58%	-57.39%	-49.14%	-49.14%	-54.32%	-50.32%	-36.15%	-27.71%	-28.60%	-29.12%	-26.90%
362	2018	2,585,145	23,477	1,223,818	-46.79%	-46.81%	-50.62%	-50.62%	-47.92%	-48.69%	-48.69%	-39.80%	-32.70%	-33.13%	-33.38%

Southwestern Public Service
Retirement and Salvage Analysis
Account (for Adjusted Data)
1986-2016

Ferc Acct	Transaction Year	Transaction History	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
364	1983	401,237	36,713	19,952	17,361	4.33%									
364	1984	56,426	6,474	3,469	3,005	5.11%	3.41%								
364	1985	537,351	57,375	34,699	22,676	3.52%	3.95%	4.05%	3.89%	3.68%	3.01%	3.41%	3.42%	3.50%	3.68%
364	1986	647,656	51,546	28,770	22,776	3.25%	4.24%	3.78%	3.80%	2.82%	2.82%	3.41%	3.42%	3.50%	3.68%
364	1987	681,472	58,217	31,873	26,344	3.87%	3.70%	4.10%	3.89%	2.82%	3.01%	3.41%	3.42%	3.50%	3.68%
364	1988	502,679	35,813	44,742	(6,929)	-1.78%	1.96%	1.96%	2.79%	3.01%	3.01%	3.41%	3.42%	3.50%	3.68%
364	1989	400,478	48,365	26,841	21,524	5.19%	3.31%	3.12%	3.01%	3.01%	3.01%	3.41%	3.42%	3.50%	3.68%
364	1990	32,523	3,196	1,807	1,389	4.19%	5.99%	5.72%	5.62%	3.68%	3.68%	3.82%	3.82%	3.96%	3.96%
364	1991	330,883	32,523	36,845	32,523	7.65%	2.49%	2.80%	2.80%	2.80%	2.80%	3.01%	3.01%	3.01%	3.01%
364	1992	424,366	69,301	124,628	(7,987)	-1.43%	5.83%	6.38%	5.80%	5.52%	5.70%	4.38%	4.38%	4.38%	4.38%
364	1993	559,641	116,841	123,697	64,618	15.71%	9.13%	12.52%	6.88%	6.49%	6.03%	6.14%	6.14%	6.14%	6.14%
364	1994	411,264	171,986	136,653	35,333	9.13%	12.52%	6.77%	6.99%	6.77%	6.39%	6.03%	6.03%	6.03%	6.03%
364	1995	387,453	132,485	106,935	25,550	5.91%	7.43%	7.43%	6.95%	6.77%	6.39%	6.03%	6.03%	6.03%	6.03%
364	1996	432,135	172,009	142,678	29,331	22.22%	16.42%	17.78%	17.78%	17.78%	12.26%	11.35%	10.36%	9.89%	8.86%
364	1997	241,659	241,659	172,009	69,650	28.83%	19.81%	20.17%	20.17%	19.00%	18.56%	15.80%	14.12%	13.25%	12.23%
364	1998	392,136	266,435	185,746	77,689	19.81%	20.17%	20.17%	20.17%	19.00%	18.56%	15.80%	14.12%	13.25%	12.23%
364	1999	535,575	257,510	219,953	37,547	7.01%	12.42%	12.42%	12.27%	17.43%	16.70%	14.85%	14.85%	12.74%	12.26%
364	2000	467,829	216,306	189,126	19,180	4.10%	5.65%	9.63%	9.63%	17.43%	16.70%	14.85%	14.85%	12.74%	12.26%
364	2001	310,340	164,516	184,817	(30,401)	-9.80%	-1.44%	2.00%	2.00%	9.09%	8.60%	13.09%	12.65%	11.89%	11.77%
364	2002	429,981	290,796	266,803	23,993	5.89%	6.04%	1.06%	2.89%	5.99%	6.50%	13.09%	12.65%	11.89%	11.77%
364	2003	458,494	348,494	314,494	134,000	34.34%	6.04%	2.00%	2.00%	4.93%	4.44%	9.34%	9.34%	9.34%	9.34%
364	2004	377,691	414,228	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2005	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2006	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2007	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2008	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2009	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2010	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2011	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2012	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2013	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2014	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2015	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2016	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2017	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2018	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2019	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2020	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%
364	2021	578,257	377,691	414,228	(36,537)	-4.17%	-6.04%	-3.34%	-2.97%	-2.00%	-1.93%	1.93%	1.93%	1.93%	1.93%

Southwestern Public Service
Retirement and Salvage Analysis
Account 383 Adjusted Data
1993-2016

Table with columns: Ferc Acct, Transaction Year, Transactional History Retirements, Salvage, Removal Cost, Net Salvage, Net Salv.%, 2-Yr Net Salv., 3-Yr Net Salv., 4-Yr Net Salv., 5-Yr Net Salv., 6-Yr Net Salv., 7-Yr Net Salv., 8-Yr Net Salv., 9-Yr Net Salv., 10-Yr Net Salv.%. Rows represent fiscal years from 1963 to 2018.

Ferc Acct	Transaction Year	Transactional History	Salvage	Removal Cost	Net Salvage	Southwestern Public Service Retirement and Salvage Analysis Account Data Adjusted Data 1980-2018									
						1-yr Net Salv.	2-yr Net Salv.	3-yr Net Salv.	4-yr Net Salv.	5-yr Net Salv.	6-yr Net Salv.	7-yr Net Salv.	8-yr Net Salv.	9-yr Net Salv.	10-yr Net Salv.
366	1985	34,316	24,130	4,991	19,169	55.86%	38.01%	40.67%	24.70%	35.56%	33.78%	76.77%	74.59%	73.23%	68.34%
366	1986	15,427	6,454	9,623	5,452	35.31%	28.21%	10.84%	30.51%	28.93%	76.27%	76.27%	74.59%	73.23%	68.34%
366	1987	10,353	5,964	6,364	4,389	42.35%	28.21%	10.84%	30.51%	28.93%	76.27%	76.27%	74.59%	73.23%	68.34%
366	1988	35,333	6,362	9,000	(3,438)	9.73%	5.53%	10.84%	30.51%	35.56%	33.78%	76.77%	74.59%	73.23%	68.34%
366	1989	61,020	48,223	14,421	33,402	55.39%	31.51%	34.04%	30.51%	35.56%	33.78%	76.77%	74.59%	73.23%	68.34%
366	1990	16,023	16,241	13,210	3,031	16.82%	46.60%	29.20%	31.56%	28.93%	76.77%	76.77%	74.59%	73.23%	68.34%
366	1991	211,657	17,254	7,384	2,443	11.54%	107.72%	102.13%	85.20%	84.35%	81.45%	76.77%	74.59%	73.23%	68.34%
366	1992	14,626	9,896	7,384	2,312	15.99%	108.92%	102.13%	85.20%	84.35%	81.45%	76.77%	74.59%	73.23%	68.34%
366	1993	13,715	6,963	14,803	(1,088)	7.91%	11.59%	13.10%	83.74%	85.73%	82.72%	73.97%	73.53%	69.37%	66.31%
366	1994	13,715	6,963	14,803	(1,088)	7.91%	11.59%	13.10%	83.74%	85.73%	82.72%	73.97%	73.53%	69.37%	66.31%
366	1995	24,929	22,578	5,537	17,041	68.36%	24.39%	23.02%	21.50%	91.51%	90.08%	81.73%	73.62%	73.23%	68.34%
366	1996	18,657	16,898	4,144	12,754	68.36%	68.36%	38.70%	34.12%	31.10%	90.08%	85.97%	81.06%	73.39%	73.00%
366	1997	74,073	67,088	16,453	50,635	68.36%	68.36%	68.36%	55.42%	50.99%	47.81%	85.81%	82.86%	79.01%	72.63%
366	1998	20,803	18,932	4,643	14,289	68.36%	0.00%	68.36%	66.36%	53.11%	50.22%	50.12%	64.89%	81.94%	78.54%
366	1999	21,151	-	-	-	33.98%	33.98%	55.91%	57.63%	59.31%	50.22%	47.27%	45.00%	60.61%	77.86%
366	2000	2,154	6	367	(361)	-16.75%	-16.75%	-1.55%	31.51%	54.98%	56.46%	58.23%	45.00%	46.56%	44.37%
366	2001	2,154	6	367	(361)	-16.75%	-16.75%	-1.55%	31.51%	54.98%	56.46%	58.23%	45.00%	46.56%	44.37%
366	2002	25,082	7,725	7,725	(7,725)	-30.80%	-29.69%	-29.69%	-16.71%	6.95%	39.65%	42.95%	46.34%	39.38%	37.73%
366	2003	6,363	25,082	2,889	(7,293)	-4.55%	-25.49%	-24.93%	-24.93%	7.82%	7.82%	37.77%	41.16%	44.67%	38.03%
366	2004	25,417	10,283	10,283	(10,283)	-40.46%	-33.27%	-32.19%	-31.62%	-23.27%	-23.27%	-4.32%	26.42%	30.45%	34.77%
366	2005	31,886	29,891	29,891	(99,891)	-93.76%	-70.16%	-63.61%	-54.35%	-53.46%	-53.46%	-43.38%	-28.82%	7.86%	12.86%
366	2006	30,389	6,286	6,286	(6,286)	-20.63%	-58.14%	-50.02%	-49.75%	-45.76%	-45.24%	-43.24%	-38.53%	-24.86%	4.21%
366	2007	19,868	19,868	5,311	(5,311)	-26.60%	-26.60%	-49.34%	-62.52%	-59.31%	-55.86%	-52.04%	-51.58%	-51.58%	-45.78%
366	2008	7,842	10,509	10,509	(10,509)	-134.02%	-56.89%	-78.16%	-57.28%	-67.37%	-62.52%	-60.02%	-55.29%	-55.29%	-55.29%
366	2009	1,023	5,674	5,674	(5,674)	-554.68%	-182.56%	-74.55%	-87.13%	-63.29%	-71.64%	-66.06%	-63.43%	-58.20%	-58.20%
366	2010	560	7,414	7,414	(7,414)	-1324.46%	-828.94%	-250.39%	-88.35%	-99.75%	-71.64%	-77.62%	-71.00%	-68.16%	-62.76%
366	2011	11,591	1,391	1,391	(1,391)	-12.00%	-72.46%	-109.39%	-118.90%	-99.75%	-84.44%	-64.44%	-71.72%	-66.57%	-64.11%
366	2012	10,402	5,524	5,524	(5,524)	-53.07%	-28.07%	-56.10%	-68.08%	-68.08%	-79.79%	-83.04%	-83.04%	-70.09%	-65.32%
366	2013	18,303	18,303	4,313	(4,313)	-23.56%	-23.56%	-66.08%	-54.36%	-67.51%	-76.56%	-83.73%	-86.96%	-77.35%	-64.93%
366	2014	18,303	18,303	4,313	(4,313)	-23.56%	-23.56%	-66.08%	-54.36%	-67.51%	-76.56%	-83.73%	-86.96%	-77.35%	-64.93%
366	2015	11,361	41,315	41,315	(41,315)	-363.65%	-153.39%	-148.85%	-129.56%	-108.55%	-118.95%	-125.66%	-128.56%	-105.37%	-104.51%
366	2016	37,719	24,737	24,737	(24,737)	-65.40%	-134.44%	-104.32%	-109.80%	-102.96%	-92.68%	-89.37%	-103.84%	-83.94%	-83.94%
366	2017	12,206	26,794	26,794	(26,794)	-219.51%	-103.06%	-151.36%	-121.99%	-124.23%	-116.75%	-106.17%	-112.06%	-115.97%	-117.11%

Southwestern Public Service
Retirement and Salvage Analysis
Account 387 Adjusted Data
1974-2016

Farc Acct	Transac-tion Year	Transac-tional History Retirements	Salvage	Removal Cost	Net Salvage	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
367	1974	75,083	4,885	2,057	2,828	3.77%							
367	1975	16,953	1,078		1,078	6.27%							
367	1976	16,559	1,078		1,078	11.93%							
367	1977	33,084	2,463	2,463	30,621	30.68%							
367	1978	35,689	7,162	7,162	38,527	62.70%							
367	1979	40,136	10,136	10,136	40,000	92.39%	9.40%	24.43%	26.75%	26.17%	27.06%	25.33%	35.14%
367	1980	39,315	21,753	6,868	13,887	67.95%	41.41%	37.93%	35.04%	35.14%	33.89%	32.04%	32.04%
367	1981	26,667	16,954	7,393	9,561	22.44%	48.99%	45.28%	37.28%	35.89%	34.94%	32.04%	32.04%
367	1982	42,717	21,746	21,746	20,972	48.62%	48.99%	45.28%	37.28%	35.89%	34.94%	32.04%	32.04%
367	1983	44,965	74,524	21,988	52,976	122.36%	57.30%	50.25%	48.79%	48.79%	46.37%	46.37%	44.47%
367	1984	44,458	30,954	14,218	16,736	38.77%	57.30%	50.25%	48.79%	48.79%	46.37%	46.37%	44.47%
367	1985	98,035	56,483	15,973	40,510	41.32%	58.98%	50.70%	47.04%	46.39%	45.21%	45.21%	45.00%
367	1986	85,410	51,807	27,934	23,873	27.95%	49.20%	45.47%	44.68%	42.48%	42.35%	42.35%	45.73%
367	1987	76,037	20,194	20,194	31,280	34.16%	38.85%	47.43%	44.59%	44.00%	42.25%	42.16%	45.73%
367	1988	77,342	32,301	32,301	(32,301)	-41.76%	18.81%	20.91%	31.17%	29.73%	30.07%	29.54%	30.22%
367	1989	116,429	67,429	34,420	81,849	68.57%	14.82%	30.28%	31.17%	29.73%	30.07%	29.54%	30.22%
367	1990	42,234	23,663	34,420	(10,757)	-25.47%	10.18%	9.26%	16.20%	17.91%	25.48%	29.12%	28.13%
367	1991	273,642	233,623	39,208	194,415	71.05%	58.14%	39.36%	35.27%	36.05%	36.08%	40.48%	39.46%
367	1992	72,506	28,779	35,158	(6,379)	-8.80%	41.25%	29.97%	31.28%	30.85%	32.13%	32.36%	36.58%
367	1993	50,639	36,247	29,157	9,090	17.95%	48.68%	39.07%	28.98%	30.31%	30.05%	31.31%	31.57%
367	1994	21,023	21,023	19,448	(1,575)	-7.49%	35.59%	30.43%	29.45%	21.36%	23.35%	23.81%	29.64%
367	1995	58,909	35,900	19,448	19,132	32.51%	-3.55%	35.24%	30.65%	29.72%	22.25%	24.01%	24.38%
367	1996	124,684	124,684	41,789	82,895	66.45%	14.54%	15.03%	10.96%	34.83%	31.10%	30.32%	24.27%
367	1997	124,684	82,335	41,789	40,938	32.51%	14.54%	15.03%	10.96%	34.83%	31.10%	30.32%	24.27%
367	1998	69,674	46,009	23,357	22,652	32.51%	32.51%	17.92%	17.82%	14.00%	34.35%	31.23%	30.48%
367	1999	87,863	-	-	-	0.00%	22.39%	25.32%	14.48%	14.83%	11.85%	30.82%	28.17%
367	2000	-	-	-	-	NA	14.38%	24.07%	14.83%	14.83%	11.85%	30.82%	28.17%
367	2001	13,816	24	1,469	(1,443)	-10.46%	22.39%	24.07%	25.32%	14.48%	14.83%	11.85%	30.82%
367	2002	175,122	23,116	14,335	(11,219)	-6.41%	12.39%	20.86%	22.72%	24.12%	13.75%	14.16%	11.36%
367	2003	16,466	16,466	14,335	(2,131)	-12.94%	4.58%	2.88%	10.72%	13.05%	19.01%	8.30%	9.00%
367	2004	224,865	8,351	52,342	(43,991)	-19.53%	-4.58%	2.88%	10.72%	13.05%	19.01%	8.30%	9.00%
367	2005	431,366	11,624	175,430	(62,806)	-18.12%	-13.23%	-13.23%	-11.28%	-5.70%	-0.51%	1.65%	3.68%
367	2006	139,699	45,617	55,054	(163,806)	-37.97%	-25.09%	-24.59%	-22.49%	-22.49%	-19.00%	-13.74%	-11.70%
367	2007	388,419	62,036	16,593	(9,437)	-6.76%	-30.34%	-22.44%	-22.28%	-22.49%	-20.61%	-17.61%	-13.02%
367	2008	224,658	16,740	85,833	(45,443)	-12.33%	-14.67%	-14.49%	-13.50%	-13.47%	-13.47%	-12.70%	-10.76%
367	2009	232,554	19,904	85,833	(72,929)	-31.22%	-15.02%	-15.99%	-15.47%	-14.51%	-14.48%	-14.48%	-13.76%
367	2010	187,628	46,823	14,081	(104,547)	-56.18%	-8.07%	-17.72%	-17.91%	-17.60%	-16.57%	-16.52%	-16.52%
367	2011	373,683	32,538	137,195	(104,657)	-28.01%	-29.73%	-27.01%	-23.96%	-19.44%	-19.40%	-19.07%	-18.04%
367	2012	174,625	12,466	108,183	(95,718)	-54.81%	-28.19%	-23.99%	-21.35%	-16.46%	-21.01%	-20.83%	-20.48%
367	2013	212,077	24,666	83,708	(99,052)	-40.02%	-36.54%	-33.29%	-31.12%	-21.37%	-20.22%	-23.68%	-23.46%
367	2014	191,338	154,715	79,088	(99,052)	-40.02%	-34.12%	-32.36%	-32.64%	-30.65%	-22.11%	-21.03%	-24.05%
367	2015	142,742	142,742	67,242	(75,500)	-52.90%	-15.21%	-16.95%	-15.21%	-22.66%	-22.44%	-16.17%	-15.57%
367	2016	208,043	12,809	302,569	(208,800)	-95.18%	-50.33%	-45.76%	-43.74%	-42.88%	-42.88%	-44.38%	-54.38%
367	2017	12,809	46,517	111,892	(68,980)	-53.86%	-50.33%	-45.76%	-43.74%	-42.88%	-42.88%	-44.38%	-54.38%
367	2018	142,376	46,517	111,892	(65,374)	-45.92%	-101.41%	-75.02%	-72.26%	-62.25%	-55.96%	-57.53%	-54.68%

Ferc Acc't	Transac- tion Year	Transac- tional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
368	1963	229,639	56,192	1,092	55,100	23.99%									
368	1964	14,724	3,474	1,024	2,450	20.65%									
368	1965	143,179	31,008	1,569	29,439	20.56%									
368	1966	414,329	49,923	2,584	47,339	11.42%	17.98%	16.00%	16.35%	17.86%	19.74%	20.26%	20.09%	19.14%	17.61%
368	1967	232,543	41,116	678	40,438	17.39%	13.77%	13.57%	14.84%	18.92%	19.67%	19.95%	19.58%	18.64%	16.44%
368	1968	287,425	75,692	1,130	74,562	27.88%	23.00%	23.06%	18.94%	19.11%	19.12%	19.95%	19.95%	19.44%	15.94%
368	1969	254,011	59,319	428	58,891	19.14%	21.00%	23.25%	18.94%	19.11%	19.12%	19.95%	19.95%	19.44%	15.94%
368	1970	287,271	56,887	628	56,259	19.14%	21.00%	23.25%	18.94%	19.11%	19.12%	19.95%	19.95%	19.44%	15.94%
368	1971	255,245	10,801	805	10,016	4.16%	8.05%	12.13%	14.76%	17.39%	17.39%	16.14%	16.44%	16.44%	16.44%
368	1972	282,560	717	21,893	7,965	7.75%	6.04%	7.96%	11.00%	15.92%	15.71%	15.92%	15.92%	15.92%	15.92%
368	1973	247,613	38,283	1,265	37,018	14.95%	11.11%	8.65%	9.62%	11.73%	13.55%	15.61%	15.80%	15.08%	15.34%
368	1974	270,369	53,797	1,582	52,215	19.31%	17.23%	13.88%	11.61%	13.00%	13.24%	14.38%	16.07%	15.49%	15.49%
368	1975	379,200	54,209	50	54,159	14.28%	16.38%	14.01%	12.26%	15.96%	13.87%	13.24%	14.37%	15.80%	15.94%
368	1976	280,739	52,139	3,087	49,052	22.13%	17.45%	16.11%	17.45%	15.57%	13.87%	13.52%	14.34%	15.23%	16.44%
368	1977	467,828	84,486	1,995	82,491	17.95%	10.96%	10.96%	16.11%	18.87%	18.87%	17.59%	17.59%	16.32%	15.94%
368	1978	581,217	165,363	21,278	144,085	26.21%	20.59%	20.81%	19.39%	19.39%	18.87%	17.59%	17.59%	16.32%	15.94%
368	1979	484,394	5,493	43,972	42,929	1.13%	14.59%	14.91%	15.63%	15.25%	15.71%	15.63%	14.88%	14.88%	13.68%
368	1980	510,800	87,312	1,24	86,068	17.00%	10.02%	9.81%	11.96%	11.96%	12.31%	12.96%	13.12%	12.68%	12.08%
368	1981	332,462	39,184	98,018	(58,834)	-17.70%	-6.96%	-4.01%	4.87%	6.50%	8.19%	8.96%	9.82%	10.19%	10.00%
368	1982	534,097	76,543	17,899	60,644	11.35%	0.21%	0.14%	4.00%	6.38%	7.41%	8.73%	9.33%	10.04%	10.34%
368	1983	420,418	132,493	12,297	110,196	26.44%	19.95%	12.85%	2.34%	4.08%	6.85%	7.88%	8.83%	9.35%	9.99%
368	1984	752,486	152,482	4,927	147,559	19.34%	14.95%	14.95%	10.56%	12.85%	14.95%	14.95%	14.95%	14.95%	14.95%
368	1985	571,225	65,489	187,461	(122,062)	-21.37%	-2.21%	0.57%	3.05%	0.45%	0.38%	0.48%	0.82%	4.78%	5.78%
368	1986	1,579,204	120,373	98,247	22,126	1.40%	4.65%	-0.27%	0.85%	2.39%	0.81%	0.72%	0.76%	3.23%	3.53%
368	1987	2,105,514	200,054	108,642	91,412	4.34%	3.08%	-0.20%	1.66%	2.26%	3.07%	3.07%	1.84%	1.79%	3.53%
368	1988	1,329,863	212,378	1,174,723	(86,934)	-72.36%	-25.35%	-16.93%	-17.38%	-13.79%	-12.35%	-10.62%	-10.93%	-10.24%	-9.60%
368	1989	1,173,532	146,687	34,399	112,288	9.75%	-33.87%	-16.41%	-11.87%	-12.67%	-10.13%	-9.09%	-7.81%	-8.16%	-7.73%
368	1990	637,822	108,806	84,239	24,567	12.31%	-14.99%	-29.48%	-15.92%	-16.91%	-12.64%	-10.30%	-8.33%	-8.12%	-8.46%
368	1991	1,842,265	185,340	107,998	77,342	10.05%	-10.23%	-10.75%	-4.28%	-14.40%	-14.40%	-12.22%	-11.54%	-10.25%	-9.45%
368	1992	979,164	98,952	196	98,756	-1.18%	-4.65%	-3.36%	-3.36%	-3.36%	-18.61%	-12.66%	-10.30%	-10.99%	-9.38%
368	1993	1,488,399	189,708	257,020	(7,314)	-3.85%	-2.31%	-2.38%	-5.76%	-6.60%	-6.21%	-3.54%	-14.53%	-10.72%	-10.08%
368	1994	812,790	109,056	140,354	(3,288)	-3.85%	-3.85%	-2.70%	-2.87%	-5.46%	-6.21%	-3.54%	-14.53%	-10.72%	-10.08%
368	1995	1,191,822	159,913	205,807	(45,884)	-3.85%	-3.85%	-3.85%	-3.00%	-2.94%	-5.16%	-5.81%	-3.56%	-13.19%	-10.02%
368	1996	1,157,643	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	1997	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	1998	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	1999	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2000	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2001	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2002	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2003	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2004	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2005	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2006	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2007	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2008	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2009	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2010	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2011	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2012	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2013	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2014	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2015	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2016	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2017	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%
368	2018	1,191,822	155,324	199,901	(44,377)	-3.85%	-3.85%	-3.85%	-3.85%	-3.85%	-3.16%	-4.85%	-5.53%	-3.62%	-12.18%

Ferc Acct	Year	Transaction Year	Transaction History	Salvage	Removal Cost	Net Salvage	Net Salv.	2-yr Net Salv.	3-yr Net Salv.	4-yr Net Salv.	5-yr Net Salv.	6-yr Net Salv.	7-yr Net Salv.	8-yr Net Salv.	9-yr Net Salv.	10-yr Net Salv.
369	1963		104676	35170	30398	2862	2.73%	0.08%								
369	1964		125180	20000	32372	1636	9.86%	-6.39%	-3.63%							
369	1965		151506	19545	28550	8505	-5.81%	-6.39%	-6.17%	4.29%	-4.65%	-5.17%	-5.70%	-6.23%	-6.76%	-7.29%
369	1966		105506	20617	28483	7860	-7.46%	-6.49%	-7.60%	-6.74%	-6.34%	-5.98%	-5.62%	-5.26%	-4.90%	-4.54%
369	1967		89857	26972	30572	3600	-3.64%	-6.09%	-6.55%	-6.31%	-6.07%	-5.83%	-5.59%	-5.35%	-5.11%	-4.87%
369	1968		109942	24875	33993	8293	-8.29%	-6.99%	-6.55%	-6.31%	-6.07%	-5.83%	-5.59%	-5.35%	-5.11%	-4.87%
369	1969		105153	23625	35228	11537	-13.93%	-10.01%	-9.35%	-8.29%	-7.62%	-7.07%	-6.52%	-5.97%	-5.42%	-4.87%
369	1970		105121	23625	35228	11537	-13.93%	-10.01%	-9.35%	-8.29%	-7.62%	-7.07%	-6.52%	-5.97%	-5.42%	-4.87%
369	1971		105852	23412	35464	10969	-17.85%	-15.44%	-14.62%	-13.02%	-10.65%	-8.28%	-5.91%	-3.54%	-1.17%	1.20%
369	1972		121638	27773	55468	42421	-22.73%	-20.51%	-18.62%	-16.84%	-15.15%	-13.41%	-11.66%	-9.91%	-8.16%	-6.41%
369	1973		118485	33193	55438	22426	-18.76%	-20.78%	-20.60%	-19.89%	-18.66%	-17.25%	-15.79%	-14.23%	-12.66%	-11.10%
369	1974		111038	39309	61737	22426	-20.20%	-19.46%	-20.60%	-19.89%	-18.66%	-17.25%	-15.79%	-14.23%	-12.66%	-11.10%
369	1975		126743	40013	68461	28448	-22.45%	-21.40%	-20.52%	-20.52%	-20.52%	-20.52%	-20.52%	-20.52%	-20.52%	-20.52%
369	1976		104608	36578	68461	31852	-23.87%	-22.83%	-21.95%	-21.07%	-20.19%	-19.31%	-18.43%	-17.55%	-16.67%	-15.79%
369	1977		112753	39161	90963	51803	-45.94%	-42.39%	-40.52%	-37.86%	-35.20%	-32.54%	-29.88%	-27.22%	-24.56%	-21.90%
369	1978		105028	37553	106632	69079	-62.22%	-54.02%	-49.23%	-44.70%	-39.62%	-34.45%	-29.28%	-24.11%	-18.94%	-13.77%
369	1979		105997	42019	118952	76933	-72.55%	-62.22%	-54.02%	-49.23%	-44.70%	-39.62%	-34.45%	-29.28%	-24.11%	-18.94%
369	1980		114709	36289	160559	124270	-108.34%	-91.16%	-81.48%	-72.46%	-65.22%	-57.42%	-52.25%	-47.08%	-41.91%	-36.74%
369	1981		100817	36864	162168	125304	-124.29%	-101.55%	-91.45%	-82.04%	-74.13%	-65.89%	-59.29%	-52.69%	-46.09%	-39.49%
369	1982		104608	38202	166970	163368	-156.33%	-140.59%	-128.03%	-114.95%	-104.07%	-93.98%	-85.23%	-76.38%	-67.53%	-58.68%
369	1983		104608	38202	166970	163368	-156.33%	-140.59%	-128.03%	-114.95%	-104.07%	-93.98%	-85.23%	-76.38%	-67.53%	-58.68%
369	1984		143705	43747	233483	188746	-132.04%	-135.90%	-141.76%	-137.87%	-133.11%	-122.81%	-114.46%	-105.96%	-97.46%	-88.96%
369	1985		145013	36122	235345	199223	-137.38%	-134.72%	-140.51%	-137.83%	-132.63%	-123.16%	-115.44%	-106.94%	-98.44%	-89.94%
369	1986		145870	36166	189458	153288	-105.09%	-121.19%	-124.77%	-128.13%	-132.63%	-131.51%	-124.46%	-116.25%	-108.04%	-99.83%
369	1987		133894	53911	183884	129973	-97.04%	-101.24%	-113.57%	-118.24%	-122.05%	-126.59%	-128.46%	-124.27%	-119.34%	-114.15%
369	1988		158612	174339	174339	174339	-74.17%	-44.64%	-31.44%	-20.85%	-13.65%	-8.05%	-4.14%	-1.44%	1.14%	1.84%
369	1989		131635	165268	165268	165268	-109.23%	-101.52%	-91.44%	-82.04%	-74.13%	-65.89%	-59.29%	-52.69%	-46.09%	-39.49%
369	1990		107784	28039	181111	153072	-169.20%	-159.80%	-150.40%	-141.00%	-131.60%	-122.20%	-112.80%	-103.40%	-94.00%	-84.60%
369	1991		107784	28039	181111	153072	-169.20%	-159.80%	-150.40%	-141.00%	-131.60%	-122.20%	-112.80%	-103.40%	-94.00%	-84.60%
369	1992		101066	202223	202223	174419	-172.58%	-157.91%	-142.60%	-124.60%	-109.47%	-89.47%	-69.47%	-49.47%	-29.47%	-9.47%
369	1993		108454	27730	217670	189340	-175.13%	-173.90%	-163.07%	-149.03%	-132.25%	-112.47%	-92.69%	-72.91%	-53.13%	-33.35%
369	1994		93110	29848	123023	93174	-100.07%	-140.46%	-151.19%	-148.77%	-141.93%	-128.50%	-116.64%	-105.24%	-93.84%	-82.44%
369	1995		164700	52823	217718	164864	-100.07%	-100.07%	-122.28%	-133.17%	-134.82%	-136.61%	-138.50%	-140.49%	-142.48%	-144.47%
369	1996		107363	165268	165268	165268	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%
369	1997		107363	165268	165268	165268	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%	-100.07%
369	1998		455730			107437	0.00%	-19.06%	-28.46%	-43.18%	-62.73%	-72.76%	-78.94%	-85.19%	-91.44%	-97.69%
369	1999						0.00%	0.00%	-19.06%	-28.46%	-43.18%	-62.73%	-72.76%	-78.94%	-85.19%	-91.44%
369	2000						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
369	2001						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
369	2002		4189		83	83	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%
369	2003		4189		953	953	2.26%	2.26%	2.26%	2.26%	2.26%	2.26%	2.26%	2.26%	2.26%	2.26%
369	2004		271271		1420550	162208	-42.87%	-42.55%	-42.48%	-42.48%	-42.48%	-42.48%	-42.48%	-42.48%	-42.48%	-42.48%
369	2005		255661		51841	466941	-60.52%	-43.41%	-43.10%	-42.69%	-42.09%	-41.29%	-40.49%	-39.69%	-38.89%	-38.09%
369	2006		1305142		468950	406941	-159.50%	-134.62%	-115.11%	-92.69%	-67.69%	-42.69%	-17.69%	7.31%	12.31%	17.31%
369	2007		992982		274698	280133	-52.23%	-44.66%	-43.86%	-43.06%	-42.26%	-41.46%	-40.66%	-39.86%	-39.06%	-38.26%
369	2008		1165141		274698	274698	-27.66%	-24.58%	-23.06%	-21.54%	-20.02%	-18.50%	-16.98%	-15.46%	-13.94%	-12.42%
369	2009		313844		450568	450568	-143.56%	-111.75%	-95.87%	-80.00%	-64.13%	-48.26%	-32.39%	-16.52%	-0.65%	15.22%
369	2010		348596		289687	289687	-83.10%	-111.75%	-95.87%	-80.00%	-64.13%	-48.26%	-32.39%	-16.52%	-0.65%	15.22%
369	2011		254649		420678	420678	-163.36%	-116.95%	-106.85%	-96.75%	-86.65%	-76.55%	-66.45%	-56.35%	-46.25%	-36.15%
369	2012		5167		327894	327894	-634.93%	-286.31%	-169.85%	-103.39%	-66.48%	-30.02%	6.48%	20.02%	33.56%	47.10%
369	2013		697117		276505	276505	-38.83%	-38.07%	-37.31%	-36.55%	-35.79%	-35.03%	-34.27%	-33.51%	-32.75%	-32.00%
369	2014		241500		79265	79265	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%
369	2015		664635		112671	112671	-14.27%	-14.27%	-14.27%	-14.27%	-14.27%	-14.27%	-14.27%	-14.27%	-14.27%	-14.27%
369	2016		33033		265860	265860	-747.87%	-45.99%	-42.27%	-41.25%	-40.23%	-39.21%	-38.19%	-37.17%	-36.15%	-35.13%

Southwestern Public Service
Retirement and Salvage Analysis
Account 189 Adjusted Data
1980-2016

Southwestern Public Service Retirement and Salvage Analysis Account 385 Overhead Adjusted Data 2003-2016																
Ferc Acct	Transaction Year	Transaction History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %	
385 OH	2003	400		83	(83)	-20.62%										
385 OH	2004	41,685		4,325	(41,685)	-14.70%	19.88%									
385 OH	2005	1,979,880	106,625	1,167,311	(1,060,659)	-53.89%	-52.89%									
385 OH	2006	25,763		48,848	(46,848)	-189.61%	-55.34%	-54.61%								
385 OH	2007	237,620		462,617	(462,617)	-194.65%	-194.19%	-70.10%	-69.19%	-69.18%						
385 OH	2008	1,292,568		288,194	(288,194)	-22.30%	-49.07%	-51.39%	-52.62%	-52.24%	-52.24%					
385 OH	2009	985,772		271,680	(271,680)	-27.56%	-54.77%	-40.64%	-42.15%	-47.16%	-43.23%					
385 OH	2010	1,172,367		329,283	(329,283)	-28.09%	-27.85%	-25.77%	-36.85%	-37.71%	-43.23%					
385 OH	2011	1,172,367		329,283	(329,283)	-28.09%	-27.85%	-25.77%	-36.85%	-37.71%	-43.23%					
385 OH	2012	333,081		282,789	(282,789)	-84.90%	-15.82%	-58.74%	-47.71%	-39.68%	-48.19%	-49.03%				
385 OH	2013	245,541	4,688	416,177	(411,489)	-167.58%	-119.89%	-130.34%	-71.79%	-57.42%	-46.92%	-54.82%	-55.38%	-50.26%	-50.26%	
385 OH	2014	1,148		303,154	(303,154)	-264.1405%	-289.69%	-172.04%	-164.76%	-86.55%	-67.39%	-53.92%	-61.24%	-61.97%	-59.44%	-59.44%
385 OH	2015	681,316	128	273,673	(273,545)	-40.15%	-84.50%	-106.49%	-100.78%	-110.26%	-74.87%	-62.39%	-52.04%	-58.51%	-58.15%	-58.15%
385 OH	2016	123,757		68,616	(68,509)	-55.36%	-42.49%	-80.03%	-100.47%	-96.72%	-106.22%	-74.12%	-62.17%	-52.12%	-58.43%	-58.43%
385 OH	2017	460,608		63,163	(63,163)	-13.71%	-22.53%	-32.02%	-55.92%	-74.05%	-86.32%	-65.72%	-65.72%	-65.85%	-48.96%	-48.96%
385 OH	2018	23,262		243,028	(243,028)	-1051.89%	-53.69%	-61.99%	-50.45%	-73.90%	-88.86%	-88.17%	-96.71%	-72.61%	-82.34%	-82.34%

Southwestern Public Service Retirement and Salvage Analysis Account 385 Underground Adjusted Data 2003-2016																
Ferc Acct	Transaction Year	Transaction History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %	
385 UG	2003	3,799		864	(864)	0.00%										
385 UG	2004	733,630	151,097	259,468	(102,367)	-13.74%	NA									
385 UG	2005	59,898		2,433	(59,898)	-8.00%	-13.37%	-13.38%								
385 UG	2006	17,923	56,767	6,333	52,454	289.37%	63.89%	63.89%	-6.63%							
385 UG	2007	12,554		3,017	(1,939)	-15.45%	167.96%	52.82%	-6.65%	-6.60%						
385 UG	2008	7,210		7,094	(7,094)	-41.85%	-25.08%	127.39%	-6.96%	-6.96%	-6.73%					
385 UG	2009	10,603		4,160	(4,160)	-24.03%	-40.32%	-39.68%	84.37%	34.71%	-7.07%					
385 UG	2010	17,209		4,160	(4,160)	-24.03%	-40.32%	-40.63%	-40.63%	55.99%	26.98%					
385 UG	2011	15,154		4,160	(4,160)	-24.03%	-40.32%	-40.63%	-40.63%	55.99%	26.98%					
385 UG	2012	9,108		4,160	(4,160)	-24.03%	-40.32%	-40.63%	-40.63%	55.99%	26.98%					
385 UG	2013	4,019		24,740	(24,740)	-615.61%	-222.74%	-126.17%	-43.11%	-42.96%	-38.18%	-27.65%				
385 UG	2014	15,801		4,832	(4,832)	-30.56%	-49.20%	-117.76%	-82.18%	-73.08%	-79.05%	-68.63%				
385 UG	2015	117,772		15,449	(15,449)	-13.12%	-15.18%	-32.72%	-33.76%	-33.76%	-33.74%	-35.59%				
385 UG	2016	203,497		10,661	(7,634)	-3.75%	-7.18%	-9.28%	-15.44%	-16.32%	-17.51%	-17.81%				
385 UG	2017	9,741	22,835	24,652	(2,017)	-20.70%	4.53%	-7.56%	-8.63%	-15.56%	-16.44%	-17.60%				
385 UG	2018															

Southwestem Public Service Retirement and Salvage Analysis Account 370 Adjusted Data 1983-2018																
Ferc Acct	Transaction Year	Transational History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %	
370	1963	85,041	5,290	2,253	3,037	4.32%	3.57%	3.96%								
370	1964	92,676	6,650	2,650	4,000	4.32%	3.76%	3.96%								
370	1965	80,576	1,986	1,986	1,986	3.37%	3.41%	3.41%								
370	1966	115,375	13,865	13,865	13,865	11.93%	7.81%	7.81%								
370	1967	115,375	2,820	903	2,017	1.75%	6.69%	6.69%								
370	1968	115,559	6,660	1,428	5,232	4.53%	5.79%	5.79%								
370	1969	100,571	6,991	1,206	5,785	5.75%	3.14%	3.14%								
370	1970	123,041	3,249	3,249	3,102	2.52%	3.95%	3.95%								
370	1971	92,706	6,007	1,946	4,061	4.38%	4.09%	4.21%								
370	1972	102,887	5,110	2,024	3,086	3.01%	3.82%	3.82%								
370	1973	102,887	5,110	2,024	3,086	3.01%	3.47%	3.47%								
370	1974	74,460	4,930	2,966	2,344	3.15%	3.15%	3.07%								
370	1975	92,768	10,304	1,863	8,441	9.10%	4.51%	4.51%								
370	1976	106,744	10,248	2,369	7,879	7.38%	6.81%	6.81%								
370	1977	153,640	10,045	4,448	5,497	3.58%	5.14%	5.14%								
370	1978	129,122	4,258	4,987	3,871	4.72%	4.89%	4.73%								
370	1979	129,122	4,258	4,987	3,871	4.72%	4.89%	4.73%								
370	1980	129,122	4,258	4,987	3,871	4.72%	4.89%	4.73%								
370	1981	158,837	8,499	7,102	1,407	1.20%	4.59%	4.59%								
370	1982	158,837	9,179	8,930	249	0.16%	6.60%	6.60%								
370	1983	156,015	5,591	5,701	858	0.55%	3.35%	3.35%								
370	1984	156,015	10,454	10,454	10,454	6.72%	0.32%	0.32%								
370	1985	180,178	2,896	6,412	3,516	1.95%	-0.54%	-0.54%								
370	1986	204,321	38,888	7,297	31,591	15.47%	4.23%	4.23%								
370	1987	221,725	8,895	8,895	8,895	4.00%	7.63%	7.63%								
370	1988	221,725	8,895	9,220	672	-0.30%	4.89%	4.89%								
370	1989	95,891	12,167	16,297	4,130	-4.31%	0.20%	0.20%								
370	1990	177,383	7,010	11,964	(4,954)	-2.79%	-1.97%	-1.97%								
370	1991	288,035	5,059	5,896	(837)	-0.33%	-1.37%	-1.37%								
370	1992	352,276	8,218	3,298	4,920	0.65%	-0.44%	-0.44%								
370	1993	457,769	3,126	15,900	12,774	2.79%	0.18%	0.18%								
370	1994	435,089	3,156	8,995	(5,739)	-1.32%	-0.84%	-0.84%								
370	1995	325,445	14,953	11,694	3,259	1.06%	-0.30%	-0.30%								
370	1996	948,078	43,560	33,483	10,076	1.06%	0.46%	0.46%								
370	1997	1,102,283	50,645	38,929	11,715	1.06%	1.06%	1.06%								
370	1998	1,102,283	50,645	38,929	11,715	1.06%	1.06%	1.06%								
370	1999	-	-	-	-	NA	NA	NA								
370	2000	-	-	-	-	NA	NA	NA								
370	2001	-	-	-	-	NA	NA	NA								
370	2002	78	103,214	103,214	-	0.00%	0.00%	0.00%								
370	2003	-	-	-	-	NA	NA	NA								
370	2004	-	-	-	-	NA	NA	NA								
370	2005	1,135,066	-	-	-	0.00%	0.00%	0.00%								
370	2006	1,656,969	13,540	-	(13,540)	-0.00%	0.00%	0.00%								
370	2007	1,782,801	968,428	968,428	(968,428)	-26.49%	-18.71%	-18.71%								
370	2008	2,086,694	-	-	-	0.00%	-14.01%	-14.01%								
370	2009	2,086,694	-	-	-	0.00%	-12.05%	-12.05%								
370	2010	1,607,483	644,593	-	(644,593)	-40.10%	-17.45%	-17.45%								
370	2011	3,944,804	-	-	-	0.00%	-11.81%	-11.81%								
370	2012	1,275,813	894,539	-	(894,539)	-69.80%	-8.44%	-8.44%								
370	2013	1,460,035	233,074	-	(233,074)	-15.96%	-14.02%	-14.02%								
370	2014	1,605,593	302,215	-	(302,215)	-18.82%	-25.09%	-25.09%								
370	2015	1,862,822	149,263	-	(149,263)	-8.01%	-7.83%	-7.83%								
370	2016	1,734,481	92,367	-	(92,367)	-5.33%	-4.41%	-4.41%								
370	2017	2,136,860	215,582	(1,255)	216,638	10.15%	7.99%	7.99%								
370	2018	-	-	-	-	0.00%	2.13%	2.13%								

Southwestern Public Service
 Refinement and Salvage Analysis
 Account 371 Adjusted Data
 1966-2018

Ferc. Transaction Acct.	Year	Transaction History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-Yr Net Salv. %
371	1966	50,665	18,047	6,247	11,800	23.25%	23.25%								
371	1967	47,372	20,644	6,654	13,990	29.53%	26.31%								
371	1968	53,838	13,535	6,294	13,980	19.00%	19.00%								
371	1969	55,556	13,498	9,561	3,937	7.09%	8.39%		16.86%						
371	1970	47,829	13,559	10,555	4,123	8.62%	10.35%		10.35%						
371	1971	47,160	13,569	15,981	-5,465	-4.15%	0.43%		7.99%						
371	1972	46,620	15,689	10,987	2,485	2.48%	2.08%		2.08%						
371	1973	49,637	17,833	9,589	8,244	16.61%	13.62%		4.42%						
371	1974	49,657	22,079	11,762	10,317	20.76%	18.69%		7.38%						
371	1975	44,269	26,992	13,165	13,807	31.19%	25.68%		19.61%						
371	1976	51,408	32,169	16,998	15,571	30.29%	30.71%		24.59%						
371	1977	53,635	30,514	21,460	16,895	23.44%	25.74%		24.50%						
371	1978	57,826	32,731	23,364	19,892	18.80%	17.69%		18.99%						
371	1979	61,818	37,652	45,660	12,108	13.22%	11.05%		11.05%						
371	1980	135,781	82,865	66,174	16,381	12.07%	12.93%		10.48%						
371	1981	228,237	120,802	107,146	13,656	9.49%	10.45%		10.05%						
371	1982	175,040	102,823	110,108	7,585	4.33%	3.49%		6.75%						
371	1983	213,671	106,842	129,150	22,399	-10.44%	-7.89%		1.08%						
371	1984	280,059	105,812	172,034	69,222	-23.65%	-14.37%		-8.30%						
371	1985	498,243	135,347	322,987	67,340	-11.50%	-15.87%		-13.15%						
371	1986	518,648	125,629	367,868	65,601	-12.46%	-14.70%		-11.40%						
371	1987	323,785	110,418	225,933	114,275	-35.60%	-34.26%		-23.82%						
371	1988	261,273	90,521	219,561	129,040	-49.39%	-41.76%		-28.80%						
371	1989	304,006	114,089	299,746	185,657	-61.07%	-55.67%		-44.73%						
371	1990	288,192	95,256	301,745	206,489	-69.25%	-65.12%		-53.61%						
371	1991	241,341	96,183	274,771	178,588	-71.37%	-67.66%		-53.20%						
371	1992	324,525	116,929	336,322	219,393	-67.60%	-70.33%		-69.96%						
371	1993	472,111	128,628	500,739	327,391	-69.21%	-74.86%		-73.40%						
371	1994	312,648	103,594	313,146	199,366	-63.65%	-64.86%		-69.75%						
371	1995	298,860	110,594	222,209	130,395	-57.71%	-62.38%		-64.07%						
371	1996	138,679	55,318	103,990	148,672	-35.05%	-35.05%		-57.73%						
371	1997	104,323	41,554	78,115	38,582	-35.05%	-35.05%		-49.20%						
371	1998	28,438	11,327	21,294	9,987	-35.05%	-35.05%		-35.05%						
371	1999	105,483	-	-	-	0.00%	-7.44%		-19.53%						
371	2000	22,640	-	-	-	0.00%	0.00%		-19.53%						
371	2001	222,979	24,634	25,629	995	0.45%	-0.41%		-2.24%						
371	2002	28,625	-	2,847	6,647	-9.25%	-0.41%		-2.24%						
371	2003	144,321	-	35,720	35,720	-24.75%	-22.18%		-9.42%						
371	2004	353,445	-	36,254	36,254	-10.26%	-14.46%		-16.46%						
371	2005	104,725	12,763	29,289	23,289	-27.87%	-27.87%		-19.83%						
371	2006	25,428	205	36,099	23,548	-52.60%	-40.59%		-19.41%						
371	2007	11,348	-	7,351	7,351	63.24%	51.54%		-4.41%						
371	2008	11,348	-	14,528	14,528	127.25%	114.29%		14.29%						
371	2009	36,441	-	16,528	16,528	-45.36%	-51.63%		-67.15%						
371	2010	-	-	-	-	-	-		-						
371	2011	17,357	-	16,482	16,482	-94.86%	-93.31%		-64.71%						
371	2012	41,007	-	6,459	6,459	-15.75%	-39.31%		-41.63%						
371	2013	12,586	486	20,265	20,279	-161.13%	-49.89%		-60.92%						
371	2014	27,175	-	5,204	5,204	-19.15%	-54.09%		-55.64%						
371	2015	19,537	-	8,477	8,477	-43.39%	-57.27%		-49.35%						
371	2016	33,022	-	4,819	4,819	-16.10%	-38.05%		-40.30%						
371	2017	30,205	-	968	968	-3.19%	-18.57%		-38.05%						
371	2018	615	-	3,228	3,228	-395.80%	-41.82%		-24.28%						

Southwestern Public Service
Retirement and Salvage Analysis
Account 373 Adjusted Data
1963-2018

Fisc. Acct	Transac-tion Year	Transac-tion History	Salvage	Removal Cost	Net Salvage	2-yr Net Salv.	3-yr Net Salv.	4-yr Net Salv.	5-yr Net Salv.	6-yr Net Salv.	7-yr Net Salv.	8-yr Net Salv.	9-yr Net Salv.	10-yr Net Salv.
373	1963	95,647	3,444	2,164	1,280	1.34%								
373	1964	149,656	9,015	3,130	5,885	3.93%	2.92%							
373	1965	62,440	3,681	1,402	2,280	3.67%	3.85%							
373	1966	27,924	1,514	4,753	10,201	0.91%	3.41%	4.65%						
373	1967	18,466	1,843	12,253	6,260	0.70%	3.90%	3.87%	3.68%					
373	1968	125,013	18,843	16,401	9,997	8.00%	6.64%	4.72%	3.81%	3.58%				
373	1969	29,398	124,504	18,401	9,997	8.00%	6.64%	4.72%	3.81%	3.58%	4.18%			
373	1970	116,438	14,042	14,795	(753)	-0.65%	4.32%	2.96%	3.66%	3.87%	3.64%			
373	1971	68,272	395	118	277	0.41%	3.08%	2.94%	3.51%	3.59%	3.49%			
373	1972	77,348	312	312	1,658	2.40%	1.47%	2.94%	3.51%	3.58%	3.49%	3.44%		
373	1973	125,553	6,325	9,654	1,726	1.85%	1.89%	2.04%	1.10%	2.67%	3.48%	3.55%		
373	1974	48,328	9,329	9,654	(726)	-0.84%	2.04%	1.70%	1.10%	2.67%	3.48%	3.55%		
373	1975	32,798	13,259	6,651	7,608	23.24%	6.70%	5.06%	3.63%	2.60%	3.07%	2.52%	3.20%	
373	1976	34,424	13,116	3,205	9,911	28.79%	26.09%	8.26%	8.90%	6.20%	3.71%	3.98%	3.21%	
373	1977	56,636	21,475	12,368	9,107	16.02%	20.84%	12.56%	5.79%	8.23%	4.34%	5.05%	5.05%	
373	1978	25,791	12,583	8,255	4,328	16.78%	19.95%	20.67%	14.00%	10.22%	7.06%	5.05%	5.84%	
373	1979	10,686	12,583	7,755	2,811	12.95%	14.78%	18.72%	13.86%	10.37%	8.76%	7.58%	6.33%	
373	1980	68,325	11,777	11,777	3,145	14.87%	14.41%	15.17%	15.17%	17.90%	17.90%	14.15%	11.30%	
373	1981	49,857	10,857	7,145	3,712	26.71%	14.86%	14.83%	8.43%	10.60%	10.60%	11.76%	9.71%	
373	1982	87,698	8,900	15,045	(6,145)	-7.01%	8.07%	4.36%	6.57%	8.43%	10.60%	11.76%	9.71%	
373	1983	37,153	147,363	26,409	120,954	325.96%	91.96%	80.45%	54.24%	50.65%	44.60%	43.09%	41.44%	
373	1984	59,416	96,675	25,550	74,125	124.76%	202.01%	102.53%	72.70%	68.09%	64.06%	63.97%	61.44%	
373	1985	96,012	62,563	33,466	49,107	51.15%	79.29%	84.93%	79.66%	67.19%	64.01%	61.14%	55.81%	
373	1986	77,373	114,070	53,700	60,370	78.02%	63.14%	112.82%	83.44%	69.04%	65.65%	63.41%	58.92%	
373	1987	64,510	64,510	64,510	64,510	0.95%	0.95%	0.95%	0.95%	74.45%	69.04%	65.65%	63.41%	
373	1988	53,131	66,337	51,779	14,558	27.40%	32.62%	49.12%	61.85%	66.01%	69.47%	67.27%	60.85%	
373	1989	108,621	112,039	94,622	17,417	16.03%	19.77%	25.24%	40.96%	51.41%	71.22%	59.82%	53.69%	
373	1990	134,698	117,546	118,659	(1,113)	-0.83%	6.70%	10.40%	26.49%	30.77%	39.80%	56.25%	48.72%	
373	1991	46,998	86,378	57,497	28,881	61.45%	15.27%	15.55%	20.99%	29.75%	39.80%	56.25%	48.72%	
373	1992	48,812	70,695	66,002	4,693	9.61%	36.04%	14.07%	16.42%	19.62%	27.97%	31.40%	28.83%	
373	1993	45,524	25,796	39,520	(13,024)	-28.91%	0.36%	14.70%	16.42%	19.62%	27.97%	31.40%	28.83%	
373	1994	48,812	25,796	39,520	(13,024)	-28.91%	0.36%	14.70%	16.42%	19.62%	27.97%	31.40%	28.83%	
373	1995	63,130	60,533	38,538	22,095	35.16%	33.02%	14.70%	22.53%	14.32%	14.70%	15.94%	18.57%	
373	1996	110,452	105,908	38,832	22,095	35.16%	33.02%	14.70%	22.53%	14.32%	14.70%	15.94%	18.57%	
373	1997	71,189	68,260	25,028	25,028	35.16%	35.16%	34.36%	29.60%	23.74%	27.85%	20.11%	20.74%	
373	1998	28,510	27,337	17,314	10,023	35.16%	35.16%	35.16%	34.43%	26.53%	24.83%	28.31%	21.69%	
373	1999	110,160	27,337	-	82,823	7.23%	16.70%	23.06%	25.05%	25.57%	20.36%	19.35%	22.83%	
373	2000	33,134	2,151	-	31,000	0.00%	15.84%	16.43%	16.43%	18.86%	21.39%	22.23%	17.57%	
373	2001	165,445	4,043	11,294	(9,122)	-39.43%	-39.43%	-5.39%	-0.56%	11.13%	10.69%	13.29%	14.46%	
373	2002	47,889	-	12,153	(9,122)	-4.35%	-8.22%	-0.22%	-0.73%	4.25%	10.69%	13.29%	14.46%	
373	2003	314,751	-	15,484	(15,484)	-10.07%	-10.07%	-12.71%	-8.99%	-5.73%	-19.10%	-14.16%	-8.06%	
373	2004	428,676	-	113,113	(113,113)	-32.35%	-32.35%	-24.90%	-25.48%	-21.37%	-19.10%	-14.16%	-8.06%	
373	2005	700,500	-	181,832	(181,832)	-42.42%	-39.67%	-32.58%	-32.74%	-29.49%	-24.17%	-24.17%	-19.21%	
373	2006	207,334	-	334,979	(334,979)	47.82%	45.77%	43.63%	38.94%	38.95%	38.95%	36.58%	35.47%	
373	2007	107,334	-	464,245	(464,245)	184.63%	166.63%	156.85%	149.88%	146.85%	146.85%	146.85%	146.85%	
373	2008	656,663	-	462,899	(462,899)	-70.49%	-54.07%	-59.98%	-59.98%	-54.05%	-50.92%	-50.92%	-50.92%	
373	2009	477,417	-	470,575	(470,575)	-98.57%	-82.31%	-67.69%	-68.11%	-65.00%	-62.63%	-62.63%	-59.51%	
373	2010	290,138	-	480,074	(480,074)	-165.46%	-121.85%	-99.25%	-73.99%	-68.11%	-65.00%	-62.63%	-59.51%	
373	2011	872,185	-	385,543	(486,732)	-44.20%	-74.47%	-75.52%	-81.81%	-76.40%	-69.82%	-69.82%	-66.63%	
373	2012	648,801	-	445,270	(445,270)	-68.49%	-54.56%	-49.41%	-49.41%	-49.41%	-49.41%	-49.41%	-49.41%	
373	2013	479,315	-	245,298	(234,017)	-51.14%	-42.04%	-42.04%	-42.04%	-42.04%	-42.04%	-42.04%	-42.04%	
373	2014	509,315	-	231,984	(231,984)	-45.34%	-37.04%	-37.04%	-37.04%	-37.04%	-37.04%	-37.04%	-37.04%	
373	2015	107,995	-	243,058	(243,058)	-214.82%	-168.96%	-168.96%	-168.96%	-168.96%	-168.96%	-168.96%	-168.96%	
373	2016	349,828	-	273,207	(273,207)	-78.27%	-78.27%	-78.27%	-78.27%	-78.27%	-78.27%	-78.27%	-78.27%	
373	2017	481,185	-	659,937	(659,937)	-135.12%	-110.35%	-110.35%	-110.35%	-110.35%	-110.35%	-110.35%	-110.35%	
373	2018	-	9,413	-	(650,174)	-135.12%	-110.35%	-110.35%	-110.35%	-110.35%	-110.35%	-110.35%	-110.35%	

Southwestern Public Service
 Retirement and Salvage Analysis
 Account 389 Depreciable Unadjusted Data
 1995-2018

Ferc Act	Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
389	1995					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	1996					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	1997					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	1998					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	1999					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2000					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2001					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2002					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2003					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2004					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2005					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2006					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2007					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2008					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2009					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2010					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2011					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2012					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2013					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2014					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2015					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2016					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2017					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
389	2018					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Southwestern Public Service
Retirement and Salvage Analysis
Account 390 Adjusted Data
1985-2018

Ferc Acct	Transaction Year	Transaction History	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
390 1977	29,481	2,352	6,289	(3,937)	-13.35%	-13.35%	-13.35%	-13.35%	-13.35%	-13.35%	-13.35%	-13.35%	-13.35%	-13.35%
390 1978	53,296	1,067	3,914	(2,847)	-5.34%	-8.20%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%	-9.35%
390 1979	165,239	36,286	6,324	29,972	18.14%	12.41%	12.41%	12.41%	12.41%	12.41%	12.41%	12.41%	12.41%	12.41%
390 1980	7,493	734	135	589	7.99%	17.70%	12.27%	9.31%	8.52%	8.26%	5.15%	5.60%	5.03%	4.18%
390 1981	25,892	1,152	970	1,882	0.70%	-0.34%	0.09%	0.09%	7.50%	6.48%	6.86%	6.03%	26.11%	24.02%
390 1982	111,270	1,227	1,880	(653)	-0.59%	-0.34%	-0.64%	-0.30%	8.24%	8.26%	5.15%	5.60%	20.40%	20.00%
390 1983	46,615	443	1,154	(711)	-1.53%	-0.86%	-0.64%	-0.30%	2.85%	8.26%	6.86%	6.03%	23.60%	23.47%
390 1984	110,768	11,461	2,267	9,194	8.30%	5.38%	2.91%	2.72%	1.04%	1.19%	6.76%	5.60%	17.90%	17.51%
390 1985	35,446	2,701	4,853	(4,583)	-12.93%	3.15%	2.02%	1.07%	0.77%	0.79%	2.85%	2.85%	-0.33%	-0.35%
390 1986	52,958	92	594	(502)	-0.95%	-7.55%	2.06%	1.38%	37.64%	29.93%	28.62%	28.38%	4.65%	4.18%
390 1987	194,632	164,561	2,188	162,373	83.43%	65.38%	55.57%	42.28%	27.44%	25.03%	21.21%	20.52%	20.40%	20.00%
390 1988	193,674	-	7,052	(7,052)	-3.64%	40.00%	35.09%	31.52%	33.04%	29.44%	27.66%	24.24%	23.60%	23.47%
390 1989	174,775	91,714	26,725	64,989	37.18%	15.72%	39.13%	35.68%	24.19%	22.64%	20.98%	19.94%	17.90%	17.51%
390 1990	43,708	20,815	43,708	(23,093)	-11.71%	11.26%	6.16%	-19.74%	-0.33%	-0.74%	-1.12%	-0.29%	-0.33%	-0.35%
390 1991	286,846	16,740	221,664	(204,924)	-69.27%	-46.24%	-24.41%	-24.39%	-22.18%	-2.64%	-2.95%	-2.86%	-1.94%	-1.93%
390 1992	93,213	-	22,590	(22,590)	-24.22%	-17.86%	-4.72%	-5.74%	-22.18%	-19.36%	-3.70%	-3.58%	-3.53%	-2.92%
390 1993	128,059	242	17,234	(16,992)	-13.27%	-9.48%	-8.39%	-8.39%	-26.58%	-17.41%	-15.95%	-16.11%	-3.72%	-3.91%
390 1994	361,903	39,167	94,361	(55,194)	-4.20%	-9.57%	-8.39%	-10.65%	-26.58%	-17.41%	-15.95%	-16.11%	-3.72%	-3.91%
390 1995	63,445	(652)	27,653	(28,305)	-15.29%	-4.97%	-4.97%	-16.88%	-26.58%	-17.41%	-15.95%	-16.11%	-3.72%	-3.91%
390 1996	256,405	(6,362)	72,893	(79,255)	-2.93%	-23.76%	-23.76%	-16.88%	-16.88%	-10.48%	-19.55%	-18.82%	-17.95%	-8.98%
390 1997	566,605	(6,362)	5,066	(5,368)	-0.91%	-10.16%	-11.08%	-9.31%	-16.88%	-10.48%	-19.55%	-18.82%	-17.95%	-8.98%
390 1998	185,745	-	-	-	0.00%	-0.16%	-0.16%	-0.16%	-8.27%	-8.60%	-9.41%	-9.35%	-17.30%	-13.45%
390 1999	5,398	-	-	-	0.00%	0.00%	0.00%	0.00%	-9.35%	-9.35%	-9.35%	-9.35%	-17.30%	-13.45%
390 2000	188,513	95,628	8,023	87,604	51.99%	50.37%	24.38%	8.95%	0.94%	-1.98%	-2.44%	-3.17%	-4.16%	-12.62%
390 2001	210,977	-	-	-	0.00%	23.08%	22.76%	15.35%	7.77%	0.04%	-1.72%	-2.18%	-2.85%	-3.76%
390 2002	351,147	39,900	49,864	(9,964)	-2.84%	-1.77%	10.63%	10.55%	8.42%	4.87%	-0.53%	-1.92%	-2.85%	-2.85%
390 2003	526,407	324,547	108,874	(18,779)	-40.97%	23.44%	18.90%	23.33%	23.23%	20.25%	14.35%	8.95%	7.16%	5.71%
390 2004	31,815	(18,779)	-	(18,779)	-59.03%	35.27%	20.56%	16.68%	21.30%	21.21%	18.55%	13.21%	8.02%	6.32%
390 2005	478,956	260	1,500	(1,240)	-0.26%	-3.92%	18.86%	13.36%	11.61%	15.46%	15.41%	13.95%	10.64%	6.61%
390 2006	56,178	341,312	631,302	(289,989)	-516.19%	-54.42%	-54.42%	-8.63%	-9.96%	-8.33%	-7.33%	-2.12%	-2.11%	-1.92%
390 2007	93,709	(1,035)	22,854	(23,889)	-25.49%	-209.41%	-50.11%	-50.54%	-44.88%	-43.97%	-43.97%	-43.97%	-43.97%	-43.97%
390 2008	121,815	-	14,873	(14,873)	-12.23%	-18.00%	-121.09%	-43.97%	-43.97%	-43.97%	-43.97%	-43.97%	-43.97%	-43.97%
390 2009	31,950	-	9,068	(9,068)	-28.38%	-15.59%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%
390 2010	-	-	-	-	NA	-28.38%	-15.59%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%	-11.33%
390 2011	1,204,983	-	337,193	(337,193)	-27.98%	-27.98%	-27.98%	-27.98%	-27.98%	-27.98%	-27.98%	-27.98%	-27.98%	-27.98%
390 2012	612,960	100	287,445	(287,445)	-46.88%	-34.35%	-34.35%	-34.35%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%	-32.89%
390 2013	1,895,283	-	44,894	(44,894)	-2.26%	-17.87%	-17.60%	-17.60%	-17.60%	-17.60%	-17.60%	-17.60%	-17.60%	-17.60%
390 2014	604,897	-	76,558	(76,558)	-12.66%	-4.69%	-4.69%	-4.69%	-16.92%	-16.92%	-16.92%	-16.92%	-16.92%	-16.92%
390 2015	114,158	625	9,102	(8,477)	-7.43%	-11.83%	-4.80%	-4.80%	-11.27%	-11.27%	-11.27%	-11.27%	-11.27%	-11.27%
390 2016	870,081	-	54,548	(54,548)	-6.27%	-6.40%	-6.40%	-6.40%	-11.27%	-11.27%	-11.27%	-11.27%	-11.27%	-11.27%
390 2017	1,654,730	-	43,545	(43,545)	-2.63%	-3.89%	-4.04%	-4.04%	-3.89%	-3.89%	-3.89%	-3.89%	-3.89%	-3.89%
390 2018	-	-	-	-	NA	-2.63%	-3.89%	-4.04%	-3.89%	-3.89%	-3.89%	-3.89%	-3.89%	-3.89%

Southwestern Public Service Retirement and Salvage Analysis Account 391 Adjusted Data 1986-2016															
Fisc Act	Transac Year	Office Furn Only Transac Retiremen History	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
391	1988	32,100	565	-	565	76%	2.64%	2.93%	4.48%	3.08%	2.98%	2.71%	3.14%	3.15%	1.61%
391	1989	105,533	3,068	-	3,068	2.91%	3.15%	4.79%	3.44%	3.08%	2.78%	3.23%	3.24%	1.61%	1.61%
391	1990	64,111	2,376	106	2,270	3.54%	5.92%	4.79%	4.48%	3.08%	2.78%	3.23%	3.24%	1.61%	1.61%
391	1991	111,663	8,132	-	8,132	7.28%	3.71%	3.66%	3.44%	3.08%	2.78%	3.23%	3.24%	1.61%	1.61%
391	1992	73,139	577	1,862	(1,285)	-1.76%	-0.87%	3.03%	2.55%	2.74%	3.23%	3.23%	3.14%	1.61%	1.61%
391	1993	48,357	225	-	225	0.47%	0.01%	-0.82%	0.78%	0.57%	0.33%	0.29%	0.31%	0.18%	0.18%
391	1994	35,118	-	220	(220)	-0.63%	0.00%	2.54%	2.70%	1.12%	0.33%	0.29%	0.31%	0.18%	0.18%
391	1995	21,835	2,670	-	2,670	12.23%	7.23%	3.69%	2.70%	1.12%	0.33%	0.29%	0.31%	0.18%	0.18%
391	1996	27,924	926	-	926	3.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391	1997	494,556	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391	1998	76,609	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391	1999	470,070	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391	2000	29,174	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391	2001	181,403	-	2,920	(2,920)	-1.60%	-1.23%	-1.09%	-0.40%	0.00%	0.00%	-0.22%	0.05%	0.05%	0.05%
391	2002	56,331	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391	2003	563,760	27,828	-	27,828	5.18%	2.14%	1.65%	1.60%	1.02%	0.86%	0.71%	0.75%	0.75%	0.75%
391	2004	76,821	131	-	131	0.17%	2.55%	1.92%	1.52%	1.48%	0.97%	0.92%	0.99%	0.72%	0.85%
391	2005	13,281	330	-	330	2.49%	0.51%	2.55%	1.93%	1.54%	1.49%	0.99%	0.94%	0.70%	0.74%
391	2006	7,331	75	-	75	1.02%	1.97%	0.55%	2.53%	1.92%	1.54%	1.49%	0.99%	0.70%	0.74%
391	2007	-	265	-	265	NA	NA	3.27%	0.82%	2.57%	1.96%	1.56%	1.52%	1.01%	0.95%
391	2008	3,062	-	-	-	0.00%	8.65%	3.27%	2.83%	0.80%	2.56%	1.96%	1.56%	1.51%	1.00%
391	2009	67,694	-	-	-	0.00%	0.00%	0.00%	0.38%	0.73%	0.48%	2.32%	1.78%	1.45%	1.41%
391	2010	-	-	-	-	NA	NA	0.00%	0.44%	0.44%	0.73%	0.48%	2.32%	1.78%	1.45%
391	2011	-	-	9,601	(9,601)	NA	NA	-14.21%	-13.59%	-13.22%	-11.88%	-9.79%	-5.24%	-0.89%	0.57%
391	2012	-	-	1,405	(1,405)	NA	NA	NA	NA	NA	-13.66%	-13.29%	-11.94%	-6.08%	0.82%
391	2013	-	4,353	2,997	1,356	NA	NA	NA	NA	NA	-13.66%	-13.29%	-11.94%	-6.08%	0.82%
391	2014	237,297	-	-	-	-0.34%	0.23%	-0.36%	-4.40%	-4.40%	-3.43%	-3.39%	-3.31%	-2.98%	-2.98%
391	2015	1,361,139	801	-	801	-0.40%	-0.39%	-0.30%	-0.39%	-0.99%	-0.99%	-0.95%	-0.95%	-0.93%	-0.92%
391	2016	264,308	1,388	6,783	(5,395)	0.00%	0.00%	-0.33%	-0.26%	-0.34%	-0.85%	-0.85%	-0.82%	-0.82%	-0.81%
391	2017	189,227	-	-	-	0.00%	0.00%	-0.30%	-0.30%	-0.23%	-0.30%	-0.30%	-0.23%	-0.23%	-0.23%
391	2018	183,093	-	-	-	0.00%	0.00%	0.00%	-0.27%	-0.27%	-0.21%	-0.21%	-0.21%	-0.21%	-0.21%

Southwestern Public Service
Retirement and Salvage Analysis
Account 391.02 Adjusted Data
2006-2018

Ferc Acct	Transaction Year	Transactional History Retirements	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
391.02	2006	7,039	92	13,223	(13,131)	-186.56%	-186.06%	-0.86%	-0.10%	-0.10%	-0.08%	-0.05%	-0.05%	-0.05%	-0.03%
391.02	2007	-	40	5	35	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2008	1,516,419	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2009	11,182,565	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2010	-	-	-	-	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2011	3,053,117	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2012	11,585,344	(3,461)	5,648	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2013	824,870	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2014	-	-	-	-	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
391.02	2015	4,263,757	2,176	-	2,176	0.05%	0.05%	0.04%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
391.02	2016	1,255,587	-	-	-	0.00%	0.04%	0.04%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
391.02	2017	5,913,280	-	739	(739)	-0.01%	-0.01%	-0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%
391.02	2018	1,719,968	-	-	-	0.00%	-0.01%	-0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%

* Excludes Account 391.005

Southwestern Public Service
Retirement and Salvage Analysis
Account 333 Adjusted Data
1977-2018

Frc Acct	Transaction Year	Transactional History	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %	
333	1977	834				0.00%										
333	1978	551		9		1.63%	0.61%	0.36%								
333	1979	1,024	1	1		0.00%	0.57%	0.57%	0.36%							
333	1980					NA	0.00%	0.57%	0.36%							
333	1981	1,664		8	(8)	-0.48%	-0.48%	-0.48%	0.02%	0.02%						
333	1982	141				0.00%	-0.44%	-0.44%	0.03%	0.03%						
333	1983					NA	0.00%	-0.44%	0.03%	0.03%						
333	1984	2,014	10		10	0.50%	0.50%	0.25%	0.05%	0.04%	0.04%	0.20%	0.17%	0.13%	0.09%	0.05%
333	1985	1,868				0.00%	0.25%	0.25%	0.05%	0.04%	0.04%	0.20%	0.17%	0.13%	0.09%	0.05%
333	1986	1,414	45		45	3.18%	1.37%	1.04%	1.04%	1.01%	0.65%	0.65%	0.58%	0.45%	0.32%	0.22%
333	1987	6,464				0.00%	0.57%	0.46%	0.47%	0.47%	0.48%	0.35%	0.35%	0.29%	0.22%	0.16%
333	1988	1,156	486		486	100.00%	5.97%	6.33%	5.15%	4.41%	4.41%	4.36%	3.79%	3.50%	3.50%	3.50%
333	1989	3,000				0.00%	29.60%	3.99%	3.57%	4.68%	4.03%	4.03%	3.99%	3.80%	3.80%	3.80%
333	1990	8,273	(7)	7		-0.08%	4.18%	4.18%	3.64%	3.64%	3.23%	3.23%	3.22%	3.22%	3.22%	3.22%
333	1991	1,137	2,715		2,715	30.52%	21.76%	21.76%	16.16%	16.16%	15.64%	14.23%	13.06%	13.06%	13.06%	13.06%
333	1992					0.00%	24.03%	21.82%	19.95%	17.38%	15.55%	14.23%	13.06%	13.06%	13.06%	13.06%
333	1993	2,017				0.00%	28.85%	21.82%	19.95%	17.38%	15.55%	14.23%	13.06%	13.06%	13.06%	13.06%
333	1994	2,547				0.00%	0.00%	23.76%	18.77%	17.38%	15.55%	14.23%	13.06%	13.06%	13.06%	13.06%
333	1995	3,973				0.00%	0.00%	0.00%	19.43%	15.93%	14.94%	17.16%	12.72%	12.72%	11.41%	11.41%
333	1996	2,548	1,088	2,748	(1,650)	-41.54%	-25.31%	-19.33%	-17.06%	-15.93%	-14.94%	-4.78%	6.83%	5.31%	5.21%	5.21%
333	1997	577				0.00%	-25.31%	-18.20%	-14.89%	-13.50%	5.19%	4.50%	4.28%	6.14%	4.88%	4.88%
333	1998	429				0.00%	0.00%	-23.25%	-17.11%	-14.15%	-12.89%	5.05%	4.39%	4.19%	6.00%	6.00%
333	1999	3,602				0.00%	0.00%	0.00%	-21.92%	-16.38%	-12.65%	-12.48%	4.95%	4.32%	4.12%	4.12%
333	2000	2,181				0.00%	0.00%	0.00%	0.00%	-14.83%	-12.07%	-10.52%	-9.81%	4.24%	3.76%	3.76%
333	2001	462				0.00%	0.00%	0.00%	0.00%	0.00%	-12.40%	-10.41%	-9.23%	-8.68%	3.90%	3.90%
333	2002	765				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-11.98%	-10.00%	-9.00%	-8.47%	-8.47%
333	2003	1,804				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-11.35%	-9.66%	-8.64%	-8.64%
333	2004	675				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.10%	-9.70%	-9.70%	-9.70%
333	2005					NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
333	2006					NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
333	2007		550		550	NA	NA	NA	NA	NA	22.19%	16.96%	14.84%	9.34%	5.80%	5.80%
333	2008	12,898				0.00%	4.26%	4.26%	4.26%	4.52%	4.05%	3.58%	3.41%	3.31%	2.93%	2.93%
333	2009					0.00%	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	2.86%	2.86%
333	2010	1,953				NA	0.00%	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	3.04%
333	2011					NA	NA	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	3.04%
333	2012					NA	NA	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	3.04%
333	2013					NA	NA	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	3.04%
333	2014					NA	NA	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	3.04%
333	2015					NA	NA	0.00%	3.70%	3.70%	3.70%	3.70%	3.54%	3.17%	3.04%	3.04%
333	2016	29,562				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
333	2017					NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
333	2018			0		NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Southwestern Public Service
Retirement and Salvage Analysis
Account 394 Adjusted Data
1977-2018

Ferc Acct	Transaction Year	Transactional History Refinements	Salvage	Removal Cost	Net Salvage	Net Salv.	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
394	1977	11,046	85	-	-	0.16%									
394	1978	10,609	308	-	308	2.90%	1.81%	2.29%							
394	1979	26,762	719	-	719	2.69%	2.75%	2.29%							
394	1980	6,679	209	10	209	3.13%	2.78%	2.81%	2.40%						
394	1981	72,064	183	633	(450)	-0.62%	-0.31%	0.45%	0.68%	0.68%					
394	1982	4,106	-	28	(28)	-0.68%	-0.32%	-0.32%	0.41%	0.63%	0.64%				
394	1983	7,888	-	18	(18)	-0.23%	-0.38%	-0.38%	-0.32%	0.37%	0.58%	0.59%			
394	1984	8,031	1,904	-	1,904	23.71%	11.85%	9.28%	1.53%	1.84%	1.88%	1.94%	1.85%		
394	1985	9,521	(22)	-	(22)	-0.23%	10.72%	7.33%	6.21%	1.36%	1.47%	1.71%	1.80%	1.73%	
394	1986	16,728	257	43	214	1.28%	0.73%	0.61%	4.93%	4.43%	4.35%	4.45%	4.55%	4.65%	1.68%
394	1987	11,684	39	-	39	0.33%	0.89%	0.61%	4.64%	3.93%	3.60%	3.55%	3.60%	3.65%	1.75%
394	1988	12,082	-	52	-	-0.43%	-0.06%	0.50%	0.36%	3.59%	3.13%	2.91%	1.35%	1.57%	1.65%
394	1989	79,429	-	-	-	0.00%	-0.32%	-0.32%	0.14%	3.59%	1.52%	1.42%	1.36%	1.21%	1.43%
394	1990	29,197	-	350	(350)	-1.20%	-0.32%	-0.33%	-0.27%	-0.10%	-0.11%	0.04%	0.98%	0.94%	0.49%
394	1991	33,773	680	29	651	1.93%	0.48%	0.21%	0.16%	0.17%	0.27%	0.25%	0.20%	0.19%	1.14%
394	1992	27,861	-	29	(29)	-0.10%	1.01%	0.39%	0.16%	0.12%	0.13%	0.22%	0.20%	0.13%	0.99%
394	1993	80,986	653	-	653	0.81%	0.57%	0.89%	0.54%	0.37%	0.33%	0.33%	0.39%	0.37%	0.97%
394	1994	53,504	-	-	-	3.13%	1.73%	1.41%	1.50%	1.15%	0.85%	0.80%	0.79%	0.81%	0.78%
394	1995	12,659	1,673	-	1,673	0.00%	2.53%	1.58%	1.31%	1.41%	1.09%	0.82%	0.77%	0.76%	0.78%
394	1996	54,292	-	-	-	0.00%	0.00%	1.39%	1.15%	1.00%	1.12%	0.89%	0.70%	0.66%	0.68%
394	1997	181,565	-	-	-	0.00%	0.00%	0.00%	0.55%	0.91%	0.59%	0.69%	0.58%	0.46%	0.45%
394	1998	65,605	-	-	-	0.00%	0.00%	0.00%	0.00%	0.46%	0.46%	0.46%	0.46%	0.46%	0.45%
394	1999	16,872	-	-	-	0.00%	0.00%	0.00%	0.00%	0.09%	0.31%	0.38%	0.35%	0.46%	0.43%
394	2000	40,216	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.31%	0.31%	0.31%	0.35%	0.43%
394	2001	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.26%	0.35%	0.33%
394	2002	12,162	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.34%
394	2003	12,914	2,200	2,750	(550)	-4.26%	-2.15%	-0.84%	-0.68%	-0.22%	-0.18%	-0.11%	-0.10%	-0.10%	0.16%
394	2004	4,332	4,870	-	4,870	112.41%	25.05%	14.69%	6.21%	5.05%	1.73%	1.37%	0.87%	0.78%	0.77%
394	2005	1,823	10,758	-	10,758	590.08%	253.88%	79.07%	48.28%	21.10%	17.27%	15.46%	14.60%	13.03%	11.73%
394	2006	16,268	935	-	935	5.75%	64.64%	73.87%	45.32%	33.71%	18.26%	15.46%	14.60%	13.03%	11.73%
394	2007	-	-	-	-	NA	5.51%	64.64%	73.87%	45.32%	33.71%	18.26%	15.46%	14.60%	13.03%
394	2008	712	-	-	-	0.00%	0.00%	0.00%	0.00%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%
394	2009	60,973	-	-	-	0.00%	0.00%	0.00%	0.00%	14.66%	19.69%	18.26%	16.50%	15.43%	14.67%
394	2010	6,746	-	-	-	0.00%	0.00%	0.00%	0.00%	14.66%	19.69%	18.26%	16.50%	15.43%	14.67%
394	2011	-	-	-	-	NA	0.00%	0.00%	0.00%	1.00%	13.51%	13.51%	13.51%	13.81%	13.81%
394	2012	1,431	696	207	490	34.22%	5.98%	5.98%	0.71%	0.70%	1.65%	1.65%	1.65%	1.65%	1.65%
394	2013	9,750	-	2,284	(2,284)	-23.42%	-16.04%	-16.04%	-10.01%	-2.27%	-2.25%	-2.25%	-2.25%	-2.36%	-2.36%
394	2014	21,880	-	600	(600)	-2.74%	-8.12%	-8.12%	-7.24%	-6.01%	-4.56%	-4.04%	-3.36%	-2.36%	-1.98%
394	2015	19,407	-	-	-	0.00%	-1.45%	-5.65%	-4.56%	-0.89%	-0.73%	-0.72%	-0.72%	-0.61%	-0.61%
394	2016	274,683	-	-	-	0.00%	0.00%	0.00%	0.00%	-0.73%	-0.59%	-0.59%	-0.59%	-0.51%	-0.51%
394	2017	78,693	-	-	-	0.00%	0.00%	0.00%	0.00%	-0.71%	-0.59%	-0.59%	-0.59%	-0.51%	-0.51%
394	2018	151,780	2,500	42,836	(40,436)	-26.64%	-17.54%	-8.00%	-7.71%	-7.51%	-7.79%	-7.68%	-7.59%	-7.59%	-6.85%

Southwestern Public Service
Retirement and Salvage Analysis
Account 395 - Related Data
1977-2018

Frc. Acct	Transaction Year	Transaction History	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-Yr Net Salv. %	3-Yr Net Salv. %	4-Yr Net Salv. %	5-Yr Net Salv. %	6-Yr Net Salv. %	7-Yr Net Salv. %	8-Yr Net Salv. %	9-Yr Net Salv. %	10-yr Net Salv. %
395	1977	17,049	43	2	41	0.24%									
395	1978	2,392	60	-	60	2.51%	0.52%	0.48%							
395	1979	1,869	2	-	2	0.11%	1.46%	1.87%	0.81%						
395	1980	4,944	2	-	110	2.22%	1.64%	1.87%	0.16%	0.33%					
395	1981	17,676	110	66	(66)	-0.37%	0.19%	0.16%	0.16%	0.34%	0.30%				
395	1982	4,597	-	-	-	0.00%	-0.30%	-0.22%	0.13%	0.27%	0.26%				
395	1983	7,964	-	-	-	0.00%	0.00%	-0.12%	-0.25%	0.05%	0.06%	0.19%			
395	1984	5,424	-	22	(22)	-0.41%	-0.16%	-0.10%	-0.08%	-0.20%	0.05%	0.27%			
395	1985	8,099	-	-	(799)	-0.47%	-0.45%	-0.44%	-0.44%	-0.42%	-0.42%	-0.36%			
395	1986	169,346	1,000	1,799	(799)	-0.47%	-0.47%	-0.44%	-0.44%	-0.43%	-0.42%	-0.41%			
395	1987	2,118	-	-	(48)	-0.26%	-0.24%	-0.24%	-0.43%	-0.42%	-0.41%	-0.40%			
395	1988	18,169	-	48	(48)	-0.26%	-0.24%	-0.24%	-0.43%	-0.42%	-0.41%	-0.40%			
395	1989	6,359	-	20	(15)	-0.05%	-0.04%	-0.04%	-0.11%	-0.38%	-0.37%	-0.37%			
395	1990	29,655	5	-	(15)	-0.05%	-0.04%	-0.02%	-0.07%	-0.38%	-0.37%	-0.37%			
395	1991	4,388	-	-	-	0.00%	0.00%	0.00%	-0.02%	-0.06%	-0.32%	-0.31%			
395	1992	4,388	-	-	-	0.00%	0.00%	0.00%	-0.02%	-0.06%	-0.32%	-0.31%			
395	1993	55,671	-	-	-	0.00%	0.00%	0.00%	-0.01%	-0.01%	-0.04%	-0.31%			
395	1994	22,659	-	-	-	0.00%	0.00%	0.00%	-0.01%	-0.01%	-0.04%	-0.26%			
395	1995	48,355	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%	-0.04%			
395	1996	15,471	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%	-0.01%			
395	1997	352,862	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	1998	18,578	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	1999	78,666	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2000	2,605	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2001	28,785	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2002	10,475	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2003	395,467	4,794	4,794	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2004	5,737	4,794	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2005	34,485	-	(70)	70	0.20%	0.00%	0.02%	0.02%	0.00%	0.00%	0.00%			
395	2006	123	-	-	-	0.00%	0.17%	0.17%	0.02%	0.01%	0.01%	0.01%			
395	2007	2,344	-	-	(818)	-34.89%	-33.14%	-2.02%	-1.75%	-0.17%	-0.17%	-0.16%			
395	2008	782	-	-	-	0.00%	-26.16%	-2.02%	-1.98%	-1.72%	-1.72%	-1.72%			
395	2009	84,441	-	-	-	0.00%	0.00%	-0.93%	-0.93%	-0.93%	-0.93%	-0.93%			
395	2010	-	-	-	-	NA	NA	0.00%	-0.93%	-0.93%	-0.93%	-0.93%			
395	2011	-	-	-	-	NA	NA	0.00%	-0.93%	-0.93%	-0.93%	-0.93%			
395	2012	-	-	-	-	NA	NA	0.00%	-0.93%	-0.93%	-0.93%	-0.93%			
395	2013	-	-	-	-	NA	NA	0.00%	-0.93%	-0.93%	-0.93%	-0.93%			
395	2014	39,711	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2015	39,720	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2016	85,836	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2017	20,323	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
395	2018	89,060	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			

Southwestern Public Service
Retirement and Salvage Analysis
Account 387 Adjusted Data
1977-2018

Ferc Acct	Transaction Year	Transactional Retirements	Salvage	Removal Cost	Net Salvage	Net Salv.	2-yr Net Salv.	3-yr Net Salv.	4-yr Net Salv.	5-yr Net Salv.	6-yr Net Salv.	7-yr Net Salv.	8-yr Net Salv.	9-yr Net Salv.	10-yr Net Salv.
397	1977	8,063	598	338	250	3.20%	-3.81%	3.20%							
397	1978	23,435	389	1,283	(894)	-8.81%	-2.02%	5.11%							
397	1979	11,455	3,002	1,733	2,829	24.70%	5.55%	4.29%	4.10%						
397	1980	2,870	-	314	(314)	-10.94%	17.56%	12.08%	7.27%	6.89%	5.83%				
397	1981	39,754	4,048	30	4,018	10.11%	8.69%	6.30%	9.43%	6.06%	1.81%	1.22%	1.29%		
397	1982	14,211	1,151	1,232	(81)	-0.57%	7.30%	0.60%	0.43%	0.44%	1.81%	1.04%	1.04%	2.89%	2.86%
397	1983	132,871	1,113	3,929	(2,816)	-2.12%	-1.97%	-2.06%	0.41%	0.24%	2.64%	3.28%	2.72%	2.42%	2.43%
397	1984	9,013	341	661	(320)	-3.55%	-2.21%	2.00%	1.89%	2.74%	2.64%	2.20%	2.20%	3.12%	3.61%
397	1985	188,561	12,838	3,089	9,749	5.17%	4.77%	3.38%	4.84%	2.89%	1.56%	1.64%	2.02%	1.97%	2.26%
397	1986	92,030	392	104	288	0.31%	3.58%	5.10%	2.47%	3.26%	2.69%	3.10%	2.47%	2.43%	2.70%
397	1987	7,703	5,327	657	4,670	60.63%	4.97%	1.47%	3.00%	2.40%	2.17%	2.72%	2.66%	2.13%	2.09%
397	1988	410,216	9,032	6,506	2,526	0.62%	1.72%	1.80%	1.80%	1.31%	1.81%	1.67%	2.23%	2.18%	1.75%
397	1989	126,319	16,151	6,462	9,689	7.55%	2.27%	3.05%	2.69%	2.67%	3.18%	2.46%	2.41%	2.71%	2.67%
397	1990	124,059	10,909	7,710	3,199	2.58%	5.11%	2.33%	3.00%	2.67%	3.17%	3.10%	2.47%	2.43%	2.70%
397	1991	87,067	1,608	3,517	(1,909)	-2.19%	0.61%	3.23%	1.80%	2.40%	2.17%	2.72%	2.66%	2.13%	2.09%
397	1992	155,686	-	1,837	(1,837)	-1.05%	-1.46%	-0.09%	1.89%	1.31%	1.81%	1.67%	2.23%	2.18%	1.75%
397	1993	563,176	2,506	15,674	(13,168)	-2.34%	-1.08%	-2.07%	-1.43%	-0.36%	-0.09%	0.23%	0.23%	0.76%	0.74%
397	1994	31,137	-	3,854	(3,854)	-12.70%	-2.86%	-2.07%	-1.43%	-1.52%	-0.71%	0.23%	0.23%	0.76%	0.74%
397	1995	91,119	-	1,895	(1,895)	-0.66%	-5.35%	-2.33%	-2.33%	-1.82%	-1.71%	-0.13%	-0.13%	-0.02%	0.35%
397	1996	162,229	3,111	1,933	1,178	0.89%	0.31%	2.31%	2.31%	-1.85%	-1.71%	-0.13%	-0.13%	-0.02%	0.35%
397	1997	169,262	276	3,853	(3,577)	-2.11%	-0.75%	-1.34%	-1.03%	-1.86%	-1.89%	-1.93%	-1.51%	-0.74%	-0.45%
397	1998	278,849	-	-	(3,584)	-0.88%	-0.88%	-0.43%	-0.50%	-1.07%	-1.65%	-1.34%	-1.51%	-1.29%	-0.64%
397	1999	265,980	-	-	-	0.00%	0.00%	-0.52%	-0.38%	-0.35%	-0.75%	-1.34%	-1.32%	-1.36%	-1.10%
397	2000	17,272	-	44	(44)	-0.25%	-0.02%	0.00%	-0.38%	-0.22%	-0.27%	-0.27%	-0.59%	-1.14%	-1.18%
397	2001	3,061,058	9,333	520	8,813	0.29%	0.28%	0.26%	0.24%	0.23%	0.13%	0.15%	0.13%	0.04%	-0.24%
397	2002	288,434	268,543	285,164	4,379	1.52%	0.39%	0.39%	0.36%	0.34%	0.32%	0.22%	0.24%	0.22%	0.13%
397	2003	26,145	-	-	-	0.00%	1.39%	0.39%	0.39%	0.36%	0.33%	0.32%	0.22%	0.22%	0.22%
397	2004	2,056,638	-	124	(124)	-0.01%	-0.01%	0.19%	0.24%	0.24%	0.24%	0.22%	0.22%	0.15%	0.16%
397	2005	881,972	-	40,141	(40,141)	-4.55%	-1.35%	-1.34%	-1.09%	-0.43%	-0.43%	-0.41%	-0.35%	-0.38%	-0.42%
397	2006	33,361	-	110,530	(110,530)	-33.132%	-16.46%	-5.01%	-4.96%	-4.80%	-4.73%	-4.03%	-2.06%	-1.98%	-1.92%
397	2007	15,415,705	(740,714)	(25)	(740,689)	-4.800%	-5.51%	-4.84%	-4.84%	-4.28%	-4.27%	-4.19%	-3.63%	-3.89%	-3.93%
397	2008	2,411,501	-	-	-	0.00%	-4.15%	-4.77%	-4.77%	-4.28%	-4.27%	-4.19%	-3.63%	-3.62%	-3.59%
397	2009	-	-	-	-	NA	0.00%	NA	NA	-4.77%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2010	-	-	-	-	NA	NA	NA	0.00%	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2011	-	-	-	-	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2012	-	-	-	-	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2013	-	-	4,491	(4,491)	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2014	-	-	-	-	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2015	-	-	-	-	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2016	-	-	-	-	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2017	-	-	100,488	(100,488)	NA	NA	NA	NA	-4.15%	-4.76%	-4.28%	-4.27%	-4.19%	-3.63%
397	2018	191,278	-	316,744	(316,744)	-165.59%	-218.13%	-218.13%	-218.13%	-218.13%	-220.48%	-220.48%	-220.48%	-220.48%	-16.20%

Southwestern Public Service
Retirement and Salvage Analysis
Account 389 Adjusted Data
1977-2016

Fisc. Acct	Transaction Year	Transaction History	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %	9-yr Net Salv. %	10-yr Net Salv. %
388	1977	4,711	359	357	7.58%	9.00%	8.38%	7.97%	3.22%	3.48%	3.98%	3.85%	3.41%	
388	1978	4,364	460	412	10.54%	8.77%	8.13%	7.97%	3.22%	3.48%	3.98%	3.85%	3.41%	
388	1979	5,584	412	412	7.38%	8.77%	8.13%	7.97%	3.22%	3.48%	3.98%	3.85%	3.41%	
388	1980	1,171	35	32	2.73%	6.57%	0.93%	0.93%	2.28%	2.26%	2.16%	1.89%	2.63%	3.05%
388	1981	16,011	206	(237)	-1.46%	-1.19%	-0.22%	0.83%	2.28%	2.26%	2.16%	1.89%	2.63%	3.05%
388	1982	2,271	163	163	7.18%	10.10%	0.83%	0.93%	2.28%	2.26%	2.16%	1.89%	2.63%	3.05%
388	1983	1,708	239	239	13.99%	10.10%	0.83%	0.93%	2.28%	2.26%	2.16%	1.89%	2.63%	3.05%
388	1984	2,497	51	51	2.04%	6.90%	7.00%	3.76%	1.05%	1.33%	1.33%	1.14%	1.89%	2.63%
388	1985	11,389	259	218	1.91%	1.94%	3.26%	3.26%	1.28%	1.05%	1.05%	1.14%	1.89%	2.63%
388	1986	5,909	418	418	0.00%	1.26%	1.36%	2.36%	2.82%	2.82%	2.82%	2.82%	2.82%	3.05%
388	1987	2,189	150	150	19.10%	5.16%	3.26%	3.13%	3.91%	4.19%	4.19%	4.19%	4.19%	3.05%
388	1988	6,045	150	150	2.48%	6.90%	4.02%	3.08%	2.99%	3.62%	3.62%	3.62%	3.62%	3.05%
388	1989	16,347	167	167	1.02%	1.42%	2.99%	2.41%	2.28%	2.26%	2.26%	2.26%	2.26%	3.05%
388	1990	5,364	262	261	4.87%	1.97%	2.08%	3.33%	2.78%	2.57%	2.54%	2.20%	2.92%	3.05%
388	1991	6,475	155	155	-0.42%	1.98%	1.42%	1.42%	2.66%	2.29%	2.21%	2.20%	2.20%	2.22%
388	1992	14,834	252	238	1.60%	0.95%	1.77%	1.49%	1.61%	2.35%	2.11%	2.08%	2.08%	2.22%
388	1993	6,868	250	250	3.64%	2.25%	1.64%	2.15%	1.78%	1.86%	2.11%	2.28%	2.28%	2.22%
388	1994	15,895	2,555	2,555	16.07%	12.32%	8.09%	6.84%	6.63%	5.24%	5.00%	5.42%	5.02%	4.63%
388	1995	32,842	2,000	2,000	6.09%	9.35%	8.64%	7.16%	6.52%	6.41%	5.00%	5.42%	5.02%	4.63%
388	1996	89,599	2,470	2,470	3.55%	4.36%	5.94%	5.81%	5.36%	5.11%	5.10%	4.70%	4.63%	4.81%
388	1997	57,740	825	825	1.43%	2.59%	3.31%	4.46%	4.43%	4.22%	4.07%	4.09%	3.87%	3.83%
388	1998	30,144	-	-	0.00%	0.94%	2.09%	2.78%	3.81%	3.80%	3.66%	3.55%	3.58%	3.41%
388	1999	41,762	-	-	0.00%	0.00%	0.64%	1.65%	2.28%	3.17%	3.18%	3.09%	3.01%	3.04%
388	2000	2,009	-	-	0.00%	0.00%	0.00%	0.63%	1.64%	2.26%	3.14%	3.15%	3.07%	2.99%
388	2001	51,221	-	-	0.00%	0.00%	0.00%	0.00%	0.45%	1.31%	1.86%	1.81%	2.63%	2.56%
388	2002	7,862	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.43%	1.27%	1.81%	2.54%	2.57%
388	2003	95,277	(89)	(89)	-0.09%	-0.09%	-0.06%	-0.06%	0.00%	-0.04%	0.26%	0.90%	1.34%	1.92%
388	2004	19,625	12,482	(89)	-56.72%	-9.76%	-9.15%	-9.09%	-6.38%	-5.16%	-4.53%	-3.40%	-2.11%	-1.45%
388	2005	900	-	-	0.00%	-54.23%	-38.77%	-9.05%	-6.42%	-5.16%	-4.53%	-3.40%	-2.11%	-1.45%
388	2006	8,182	-	-	0.00%	0.00%	-38.77%	-9.05%	-6.42%	-5.16%	-4.53%	-3.40%	-2.11%	-1.45%
388	2007	508	-	-	0.00%	0.00%	0.00%	-38.10%	-8.49%	-6.12%	-6.07%	-4.51%	-3.39%	-3.00%
388	2008	218	-	-	0.00%	0.00%	0.00%	0.00%	-8.52%	-6.12%	-6.07%	-4.51%	-3.39%	-3.00%
388	2009	27,646	-	-	0.00%	0.00%	0.00%	0.00%	-37.82%	-8.49%	-6.12%	-6.07%	-4.51%	-3.00%
388	2010	-	-	-	NA	NA	0.00%	0.00%	-19.50%	-19.50%	-19.50%	-19.50%	-19.50%	-19.50%
388	2011	-	-	-	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2012	-	-	(501)	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2013	-	-	-	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2014	-	-	(2,069)	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2015	-	-	-	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2016	85,485	-	-	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2017	-	-	-	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
388	2018	826	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Source: Fleet System

Southwestern Public Service Retirement and Salvage Analysis Account 392010 - Automobiles 2014-2018												
Transaction Year	Original Cost Of Assets Sold	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %
2014	200,474	22,383	-	22,383	11.16%	10.36%	10.77%	10.77%	10.77%	10.77%	10.77%	10.60%
2015	226,691	21,664	-	21,664	9.65%	10.70%	10.77%	10.77%	10.77%	10.77%	10.77%	10.60%
2016	841,018	52,386	-	52,386	6.22%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%
2017	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA
2018	74,947	5,760	-	5,760	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%
Southwestern Public Service Retirement and Salvage Analysis Account 392020 - Light Trucks 2014-2018												
Transaction Year	Original Cost Of Assets Sold	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %
2014	137,715	19,444	-	19,444	14.12%	13.52%	13.13%	12.93%	12.81%	12.65%	12.54%	12.65%
2015	187,501	24,514	-	24,514	13.07%	12.76%	12.54%	12.54%	12.54%	12.54%	12.54%	12.54%
2016	563,161	80,038	-	80,038	14.22%	12.89%	12.54%	12.54%	12.54%	12.54%	12.54%	12.54%
2017	553,167	80,038	-	80,038	14.22%	12.89%	12.54%	12.54%	12.54%	12.54%	12.54%	12.54%
2018	1,420,526	175,684	-	175,684	12.37%	12.89%	12.54%	12.54%	12.54%	12.54%	12.54%	12.54%
Southwestern Public Service Retirement and Salvage Analysis Account 392040 - Buses, Trailers Etc. 2014-2018												
Transaction Year	Original Cost Of Assets Sold	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %
2014	19,354	19,354	-	19,354	100%	5.78%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%
2015	396,382	14,913	-	14,913	3.76%	5.85%	5.85%	5.85%	5.85%	5.85%	5.85%	5.85%
2016	125,956	10,500	-	10,500	8.34%	6.21%	6.21%	6.21%	6.21%	6.21%	6.21%	6.21%
2017	179,687	4,493	-	4,493	2.50%	18.15%	18.15%	18.15%	18.15%	18.15%	18.15%	18.15%
2018	292,866	77,256	-	77,256	26.38%	18.15%	18.15%	18.15%	18.15%	18.15%	18.15%	18.15%
Southwestern Public Service Retirement and Salvage Analysis Account 392040 - Heavy Trucks 2014-2018												
Transaction Year	Original Cost Of Assets Sold	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %
2014	185,395	17,529	-	17,529	9.46%	14.71%	12.69%	12.09%	11.39%	10.59%	10.59%	11.34%
2015	1,191,784	127,986	-	127,986	10.74%	10.69%	10.69%	10.69%	10.69%	10.69%	10.69%	10.69%
2016	1,125,611	121,968	-	121,968	10.83%	10.83%	10.83%	10.83%	10.83%	10.83%	10.83%	10.83%
2017	953,635	83,748	-	83,748	8.78%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
2018	2,142,753	241,009	-	241,009	11.25%	10.49%	10.49%	10.49%	10.49%	10.49%	10.49%	10.49%
Southwestern Public Service Retirement and Salvage Analysis Account 396 Power Operated Equipment 2014-2018												
Transaction Year	Original Cost Of Assets Sold	Salvage	Removal Cost	Net Salvage	Net Salv. %	2-yr Net Salv. %	3-yr Net Salv. %	4-yr Net Salv. %	5-yr Net Salv. %	6-yr Net Salv. %	7-yr Net Salv. %	8-yr Net Salv. %
2014	17,629	7,663	-	7,663	43.48%	46.23%	46.23%	46.23%	46.23%	46.23%	46.23%	46.23%
2015	52,959	24,887	-	24,887	47.01%	24.61%	24.61%	24.61%	24.61%	24.61%	24.61%	24.61%
2016	391,002	84,340	-	84,340	21.57%	21.25%	21.25%	21.25%	21.25%	21.25%	21.25%	21.25%
2017	31,316	5,408	-	5,408	17.27%	NA	NA	NA	NA	NA	NA	NA
2018	-	-	-	-	NA	17.27%	17.27%	17.27%	17.27%	17.27%	17.27%	17.27%

APPENDIX F
Comparison of Plant, Book Depreciation Reserve and Reallocation of
Reserve

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
For Test Year Ending December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Per Books Texas Total Reserve Balance 12/31/2018 (2)	Reallocated Texas Total Reserve Balance 12/31/2018 (3)	Difference (4)	Notes
Intangible Plant							
303 Miscellaneous Intangible Plant							
	303	Software - 3 Year	2,014,163	852,667	852,667	-	
	303	Software - 5 Year	100,980,651	79,476,505	79,476,505	-	
	303	Software - 7 Year	-	-	-	-	
	303	Software - 10 Year	7,689,422	16,078,911	16,078,911	-	
	303	Software - 15 Year	70,623,927	8,215,128	8,215,128	-	
	Misc Intangible Plant - Total/Composite		181,308,163	104,623,210	104,623,210	-	
	Total Intangible Plant		181,308,163	104,623,210	104,623,210	-	
Steam Production							
Cunningham Common Facilities	310	Land Rights NM	53,100	50,019	31,051	(18,969)	
Cunningham Common Facilities	311	Structures and Improvements	7,671,299	4,225,660	2,792,128	(1,433,532)	
Cunningham Common Facilities	312	Boiler Plant Equipment	6,640,582	3,383,324	2,906,395	(476,928)	
Cunningham Common Facilities	314	Turbogenerators	398,981	87,493	97,315	9,822	
Cunningham Common Facilities	315	Accessory Electric Equipment	783,399	277,634	469,331	191,697	
Cunningham Common Facilities	316	Miscellaneous Power Plant Equipment	1,518,322	1,421,590	947,886	(473,704)	
	Cunningham Common Facilities - Total/Composite		17,065,682	9,445,720	7,244,106	(2,201,613)	
Cunningham Unit 1	311	Structures and Improvements	2,390,443	2,453,655	2,468,417	14,762	
Cunningham Unit 1	312	Boiler Plant Equipment	8,208,183	7,457,289	8,057,316	800,027	
Cunningham Unit 1	314	Turbogenerators	6,137,045	6,363,445	6,220,155	(143,289)	
Cunningham Unit 1	315	Accessory Electric Equipment	935,547	827,080	916,178	89,098	
Cunningham Unit 1	316	Miscellaneous Power Plant Equipment	308,513	171,284	281,473	110,188	
	Cunningham Unit 1 - Total/Composite		17,979,731	17,272,752	17,943,539	670,786	
Cunningham Unit 2	311	Structures and Improvements	2,377,337	1,289,666	1,611,888	322,222	
Cunningham Unit 2	312	Boiler Plant Equipment	17,652,086	13,061,245	11,169,384	(1,891,861)	
Cunningham Unit 2	314	Turbogenerators	11,616,984	9,478,421	8,378,939	(1,099,482)	
Cunningham Unit 2	315	Accessory Electric Equipment	5,352,506	2,443,284	3,319,529	876,245	
Cunningham Unit 2	316	Miscellaneous Power Plant Equipment	134,895	(15,704)	54,941	70,646	
	Cunningham Unit 2 - Total/Composite		37,133,808	26,256,912	24,534,681	(1,722,231)	
Denver City	311	Structures and Improvements	-	(5,935)	-	5,935 (A)	
Denver City	314	Turbogenerators	-	(612,431)	-	612,431 (A)	
	Denver City Facilities - Total/Composite		-	(618,366)	-	618,366	
Harrington Common Facilities	310	Land Rights TX	13,705	8,320	6,347	(1,973)	
Harrington Common Facilities	311	Structures and Improvements	26,337,880	9,863,621	15,330,762	5,467,140	
Harrington Common Facilities	312	Boiler Plant Equipment	15,958,561	5,249,793	8,465,967	3,216,174	
Harrington Common Facilities	314	Turbogenerators	3,146,873	1,387,217	1,968,526	579,310	
Harrington Common Facilities	315	Accessory Electric Equipment	1,199,779	188,283	363,290	175,027	
Harrington Common Facilities	316	Miscellaneous Power Plant Equipment	2,629,324	1,546,747	1,950,442	403,685	
	Harrington Common Facilities - Total/Composite		49,286,121	18,243,961	28,083,334	9,839,373	
Harrington Unit 1	311	Structures and Improvements	6,969,988	5,897,049	4,216,129	(1,680,921)	
Harrington Unit 1	312	Boiler Plant Equipment	106,514,384	55,938,212	48,013,223	(7,924,990)	
Harrington Unit 1	314	Turbogenerators	42,456,474	17,685,158	17,004,333	(680,825)	
Harrington Unit 1	315	Accessory Electric Equipment	7,832,270	4,651,320	3,754,157	(897,163)	
Harrington Unit 1	316	Miscellaneous Power Plant Equipment	966,618	620,349	534,632	(85,717)	
	Harrington Unit 1 - Total/Composite		164,739,735	84,792,089	73,522,473	(11,269,615)	
Harrington Unit 2	311	Structures and Improvements	6,123,513	4,142,860	3,052,498	(1,090,362)	
Harrington Unit 2	312	Boiler Plant Equipment	112,965,832	55,141,072	49,158,120	(5,982,952)	
Harrington Unit 2	314	Turbogenerators	48,509,437	16,603,104	17,667,823	(935,281)	
Harrington Unit 2	315	Accessory Electric Equipment	5,908,413	2,980,285	2,562,015	(418,270)	
Harrington Unit 2	316	Miscellaneous Power Plant Equipment	1,546,611	1,224,302	879,636	(344,667)	
	Harrington Unit 2 - Total/Composite		175,054,007	82,091,623	73,320,093	(8,771,531)	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
For Test Year Ending December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Per Books Texas Total Reserve Balance 12/31/2018 (2)	Reallocated Texas Total Reserve Balance 12/31/2018 (3)	Difference (4)	Notes
Harrington Unit 3	311	Structures and Improvements	9,357,196	6,606,032	4,856,357	(1,749,675)	
Harrington Unit 3	312	Boiler Plant Equipment	120,540,206	63,691,449	52,891,010	(10,800,439)	
Harrington Unit 3	314	Turbogenerators	54,024,505	25,631,179	22,379,643	(3,251,536)	
Harrington Unit 3	315	Accessory Electric Equipment	6,045,955	3,259,871	2,569,388	(690,482)	
Harrington Unit 3	316	Miscellaneous Power Plant Equipment	1,878,140	1,245,247	976,481	(268,766)	
		Harrington Unit 3 - Total/Composite	191,846,002	100,433,777	83,672,880	(16,760,897)	
Jones Common Facilities	311	Structures and Improvements	9,045,042	1,326,353	2,560,160	1,233,807	
Jones Common Facilities	312	Boiler Plant Equipment	12,167,839	2,120,715	3,580,230	1,459,515	
Jones Common Facilities	314	Turbogenerators	7,885,491	1,800,609	2,967,696	1,167,088	
Jones Common Facilities	315	Accessory Electric Equipment	2,560,333	372,251	583,502	211,251	
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,666,003	1,561,492	1,205,854	(355,638)	
		Jones Common Facilities - Total/Composite	35,324,709	7,181,419	10,897,443	3,716,024	
Jones Unit 1	310	Land Rights TX	108,562	72,950	56,895	(16,055)	
Jones Unit 1	311	Structures and Improvements	5,094,828	4,089,812	3,295,651	(794,162)	
Jones Unit 1	312	Boiler Plant Equipment	23,143,052	11,146,671	11,255,992	108,421	
Jones Unit 1	314	Turbogenerators	22,662,978	11,772,510	10,622,000	(1,150,510)	
Jones Unit 1	315	Accessory Electric Equipment	2,767,418	1,298,796	1,178,007	(120,789)	
Jones Unit 1	316	Miscellaneous Power Plant Equipment	756,086	447,815	589,639	141,825	
		Jones Unit 1 - Total/Composite	54,532,923	28,828,554	26,997,284	(1,831,270)	
Jones Unit 2	311	Structures and Improvements	2,179,724	1,863,611	1,360,144	(503,467)	
Jones Unit 2	312	Boiler Plant Equipment	16,282,969	12,175,857	10,070,555	(2,105,302)	
Jones Unit 2	314	Turbogenerators	20,915,587	11,443,103	10,698,915	(744,188)	
Jones Unit 2	315	Accessory Electric Equipment	2,913,009	998,998	1,172,332	(173,334)	
Jones Unit 2	316	Miscellaneous Power Plant Equipment	598,526	506,974	446,338	(60,636)	
		Jones Unit 2 - Total/Composite	42,889,815	26,988,543	23,748,284	(3,240,259)	
Maddox	310	Land Rights NM	19,971	16,455	13,281	(3,175)	
Maddox	311	Structures and Improvements	4,909,575	2,769,580	2,771,748	2,168	
Maddox	312	Boiler Plant Equipment	20,350,280	9,767,804	10,398,730	630,926	
Maddox	314	Turbogenerators	12,709,583	7,949,242	7,427,496	(521,746)	
Maddox	315	Accessory Electric Equipment	6,652,978	2,482,292	3,604,831	1,122,539	
Maddox	316	Miscellaneous Power Plant Equipment	963,849	501,462	569,053	67,592	
		Maddox - Total/Composite	45,606,237	23,486,835	24,785,138	1,298,304	
Moore County	310	Land Rights TX	463	444	463	20	
Moore County	310	Water Rights TX	17,164	18,040	17,164	(876)	
Moore County	311	Structures and Improvements	-	-	6,401,410	6,401,410 (A)	
Moore County	312	Boiler Plant Equipment	-	-	-	- (A)	
Moore County	314	Turbogenerators	-	(133,020)	-	133,020 (A)	
Moore County	315	Accessory Electric Equipment	-	-	-	- (A)	
Moore County	316	Miscellaneous Power Plant Equipment	-	-	-	- (A)	
		Moore County - Total/Composite	17,627	(114,537)	6,419,037	6,533,574	
Nichols Common Facilities	310	Land Rights TX	676,746	361,555	294,281	(67,274)	
Nichols Common Facilities	311	Structures and Improvements	52,035,520	23,282,020	27,938,413	4,656,393	
Nichols Common Facilities	312	Boiler Plant Equipment	10,680,419	2,980,255	4,105,435	1,125,180	
Nichols Common Facilities	314	Turbogenerators	3,396,729	1,614,927	2,004,979	390,052	
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724	1,244,546	1,320,538	75,992	
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,341,972	1,704,767	1,577,047	(127,720)	
		Nichols Common Facilities - Total/Composite	71,430,109	31,188,070	37,240,693	6,052,623	
Nichols Unit 1	311	Structures and Improvements	2,079,572	708,481	1,701,368	992,888	
Nichols Unit 1	312	Boiler Plant Equipment	10,859,989	7,973,900	8,651,982	678,081	
Nichols Unit 1	314	Turbogenerators	9,683,276	8,471,450	8,190,492	(280,957)	
Nichols Unit 1	315	Accessory Electric Equipment	2,251,603	1,905,694	1,790,923	(114,771)	
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700	92,708	191,176	98,468	
		Nichols Unit 1 - Total/Composite	25,109,140	19,152,232	20,525,941	1,373,709	
Nichols Unit 2	311	Structures and Improvements	1,108,535	668,126	960,706	292,580	
Nichols Unit 2	312	Boiler Plant Equipment	11,971,470	9,403,852	8,831,434	(572,418)	
Nichols Unit 2	314	Turbogenerators	12,230,817	9,637,684	8,761,950	(875,734)	
Nichols Unit 2	315	Accessory Electric Equipment	1,038,609	915,801	833,555	(82,246)	
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	79,414	86,643	71,832	(14,811)	
		Nichols Unit 2 - Total/Composite	26,428,846	20,712,106	19,459,476	(1,252,630)	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
For Test Year Ending December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Per Books Texas Total Reserve Balance 12/31/2018 (2)	Reallocated Texas Total Reserve Balance 12/31/2018 (3)	Difference (4)	Notes
Nichols Unit 3	311	Structures and Improvements	1,592,946	737,061	1,153,992	416,931	
Nichols Unit 3	312	Boiler Plant Equipment	19,913,278	15,589,949	12,313,082	(3,276,867)	
Nichols Unit 3	314	Turbogenerators	20,314,607	13,753,173	12,055,411	(1,697,781)	
Nichols Unit 3	315	Accessory Electric Equipment	2,256,197	669,235	1,286,345	617,110	
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	319,173	141,202	151,359	10,157	
		Nichols Unit 3 - Total/Composite	44,396,201	30,890,621	26,960,190	(3,930,430)	
Plant X Common Facilities	310	Water Rights TX	1,314,134	1,275,773	964,380	(311,393)	
Plant X Common Facilities	311	Structures and Improvements	8,116,832	5,767,967	7,540,554	1,772,587	
Plant X Common Facilities	312	Boiler Plant Equipment	4,498,544	1,534,743	3,271,739	1,736,996	
Plant X Common Facilities	314	Turbogenerators	3,424,396	1,169,971	1,672,738	502,767	
Plant X Common Facilities	315	Accessory Electric Equipment	124,534	128,702	112,990	(15,712)	
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,503,059	1,235,123	1,519,438	284,315	
		Plant X Common Facilities - Total/Composite	18,981,499	11,112,278	15,081,839	3,969,561	
Plant X Unit 1	311	Structures and Improvements	1,286,334	1,104,149	1,215,485	111,336	
Plant X Unit 1	312	Boiler Plant Equipment	6,252,484	5,805,335	5,832,474	27,139	
Plant X Unit 1	314	Turbogenerators	4,549,359	4,099,616	4,306,747	207,131	
Plant X Unit 1	315	Accessory Electric Equipment	871,549	448,889	752,012	303,123	
Plant X Unit 1	316	Miscellaneous Power Plant Equipment	-	(226,525)	-	226,525	
		Plant X Unit 1 - Total/Composite	12,959,727	11,231,463	12,106,717	875,254	
Plant X Unit 2	311	Structures and Improvements	1,021,771	1,067,956	957,029	(110,927)	
Plant X Unit 2	312	Boiler Plant Equipment	16,241,946	17,085,425	14,805,821	(2,279,604)	
Plant X Unit 2	314	Turbogenerators	6,735,026	7,322,743	6,280,811	(1,041,931)	
Plant X Unit 2	315	Accessory Electric Equipment	613,416	628,859	578,476	(50,384)	
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,890	46,918	48,711	1,793	
		Plant X Unit 2 - Total/Composite	24,665,049	26,151,901	22,670,848	(3,481,053)	
Plant X Unit 3	311	Structures and Improvements	1,034,626	682,840	849,707	166,868	
Plant X Unit 3	312	Boiler Plant Equipment	8,456,316	7,859,035	6,640,367	(1,218,667)	
Plant X Unit 3	314	Turbogenerators	7,508,924	5,390,550	6,029,465	638,915	
Plant X Unit 3	315	Accessory Electric Equipment	976,256	587,201	739,430	152,228	
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	977,798	757,700	763,095	5,395	
		Plant X Unit 3 - Total/Composite	18,953,919	15,277,325	15,022,064	(255,262)	
Plant X Unit 4	311	Structures and Improvements	1,836,578	719,826	1,044,464	324,638	
Plant X Unit 4	312	Boiler Plant Equipment	18,044,134	13,800,976	11,931,848	(1,869,128)	
Plant X Unit 4	314	Turbogenerators	13,769,136	10,133,892	8,296,900	(1,836,992)	
Plant X Unit 4	315	Accessory Electric Equipment	1,813,628	1,578,085	1,223,530	(354,555)	
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046	22,127	78,189	56,063	
		Plant X Unit 4 - Total/Composite	35,627,522	26,254,906	22,574,931	(3,679,975)	
Riverview	310	Land Rights TX	1,245	1,245	1,245	-	
		Riverview - Total/Composite	1,245	1,245	1,245	-	
Tolk Common Facilities	310	Water Rights TX	10,220,448	2,146,380	2,864,531	718,151	
Tolk Common Facilities	311	Structures and Improvements	31,860,962	4,777,390	20,141,832	15,364,442	
Tolk Common Facilities	312	Boiler Plant Equipment	16,865,777	4,798,052	14,793,175	9,995,123	
Tolk Common Facilities	314	Turbogenerators	11,467,141	2,721,497	9,696,476	6,974,979	
Tolk Common Facilities	315	Accessory Electric Equipment	-	-	-	-	
Tolk Common Facilities	316	Miscellaneous Power Plant Equipment	3,406,289	1,936,226	4,577,315	2,641,089	
		Tolk Common Facilities - Total/Composite	73,820,616	16,379,544	52,073,329	35,693,785	
Tolk 1	310	Land Rights TX	19,917	13,609	12,270	(1,339)	
Tolk 1	311	Structures and Improvements	19,801,317	13,037,326	12,173,234	(864,092)	
Tolk 1	312	Boiler Plant Equipment	191,862,522	102,442,503	101,881,287	(561,216)	
Tolk 1	314	Turbogenerators	61,261,005	40,559,550	37,207,589	(3,351,961)	
Tolk 1	315	Accessory Electric Equipment	3,587,978	2,360,700	2,168,751	(191,949)	
Tolk 1	316	Miscellaneous Power Plant Equipment	521,526	315,552	302,398	(13,153)	
		Tolk 1- Total/Composite	277,054,265	158,729,240	153,745,529	(4,983,711)	
Tolk 2	310	Land Rights TX	277,377	181,561	170,870	(10,691)	
Tolk 2	311	Structures and Improvements	9,713,838	5,901,440	5,734,203	(167,237)	
Tolk 2	312	Boiler Plant Equipment	210,860,524	98,067,408	110,017,803	11,950,395	
Tolk 2	314	Turbogenerators	79,132,275	45,000,411	46,328,923	1,328,513	
Tolk 2	315	Accessory Electric Equipment	3,292,957	1,437,858	1,440,426	2,568	
Tolk 2	316	Miscellaneous Power Plant Equipment	2,241,379	1,454,695	1,403,389	(51,306)	
		Tolk 2- Total/Composite	305,518,350	152,043,373	165,095,615	13,052,242	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
For Test Year Ending December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Per Books Texas Total Reserve Balance 12/31/2018 (2)	Reallocated Texas Total Reserve Balance 12/31/2018 (3)	Difference (4)	Notes
Tolk Common Retiring 2055	310	Water Rights TX	-	-	-	-	
Tolk Common Retiring 2055	311	Structures and Improvements	5,740,159	1,073,240	1,399,819	326,579	
Tolk Common Retiring 2055	312	Boiler Plant Equipment	481,278	103,849	100,960	(2,889)	
Tolk Common Retiring 2055	314	Turbogenerators	1,937,671	349,407	375,552	26,145	
Tolk Common Retiring 2055	315	Accessory Electric Equipment	22,551	(1,449)	2,194	3,643	
Tolk Common Retiring 2055	316	Miscellaneous Power Plant Equipment	3,736,234	1,815,202	1,592,486	(222,716)	
		Tolk Common Facilities - Total/Composite	11,917,894	3,340,248	3,471,011	130,762	
Tolk 1 Retiring 2055	310	Land Rights TX	-	-	-	-	
Tolk 1 Retiring 2055	311	Structures and Improvements	12,374,235	8,050,468	5,035,662	(3,014,806)	
Tolk 1 Retiring 2055	312	Boiler Plant Equipment	7,127,683	4,480,124	2,992,225	(1,487,898)	
Tolk 1 Retiring 2055	314	Turbogenerators	15,404,390	10,033,774	6,205,010	(3,828,764)	
Tolk 1 Retiring 2055	315	Accessory Electric Equipment	12,860,737	7,998,183	4,963,044	(3,035,139)	
Tolk 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	199,904	137,233	88,855	(48,377)	
		Tolk 1- Total/Composite	47,966,949	30,699,781	19,284,797	(11,414,984)	
Tolk 2 Retiring 2055	310	Land Rights TX	-	-	-	-	
Tolk 2 Retiring 2055	311	Structures and Improvements	8,645,191	5,587,269	3,530,510	(1,956,759)	
Tolk 2 Retiring 2055	312	Boiler Plant Equipment	8,030,975	4,464,781	3,311,576	(1,153,205)	
Tolk 2 Retiring 2055	314	Turbogenerators	27,246,395	11,634,961	7,555,470	(4,079,491)	
Tolk 2 Retiring 2055	315	Accessory Electric Equipment	8,914,265	4,517,550	2,969,262	(1,548,288)	
Tolk 2 Retiring 2055	316	Miscellaneous Power Plant Equipment	1,318,439	828,260	537,103	(291,157)	
		Tolk 2- Total/Composite	54,155,264	27,032,821	18,003,921	(9,028,901)	
		Total Steam Production Plant	1,880,462,991	1,004,486,436	1,004,486,436	0	
		Other Production					
Blackhawk	342	Fuel Holders and Accessory Equipment	4,054,689	2,911,103	2,911,103	-	(B)
		Blackhawk - Total/Composite	4,054,689	2,911,103	2,911,103	-	
Carlsbad	341	Structures and Improvements	-	29,764	214,680	184,916	(A)
Carlsbad	342	Fuel Holders and Accessory Equipment	-	-	-	-	(A)
Carlsbad	343	Prime Movers	-	(223,833)	-	223,833	(A)
Carlsbad	344	Generators	-	(50,713)	-	50,713	(A)
Carlsbad	345	Accessory Electric Equipment	-	(16,727)	-	16,727	(A)
Carlsbad	346	Miscellaneous Power Plant Equipment	-	(148)	-	148	(A)
		Carlsbad - Total/Composite	-	(261,656)	214,680	476,336	
Cunningham	341	Structures and Improvements	588,074	249,284	230,665	(18,619)	
Cunningham	342	Fuel Holders and Accessory Equipment	1,502,692	512,273	475,224	(37,049)	
Cunningham	343	Prime Movers	50,206,735	17,483,848	21,128,938	3,645,091	
Cunningham	344	Generators	13,132,851	1,425,756	1,892,274	466,518	
Cunningham	345	Accessory Electric Equipment	5,919,580	2,823,601	2,647,757	(175,844)	
Cunningham	346	Miscellaneous Power Plant Equipment	1,140,410	318,571	373,409	54,838	
		Cunningham - Total/Composite	72,490,341	22,813,333	26,748,268	3,934,935	
Jones Unit 3	341	Structures and Improvements	4,748,588	880,583	798,054	(82,529)	
Jones Unit 3	342	Fuel Holders and Accessory Equipment	(0)	-	(0)	(0)	
Jones Unit 3	343	Prime Movers	10,724	89	2,907	2,819	
Jones Unit 3	344	Generators	66,479,720	12,277,896	11,138,675	(1,139,221)	
Jones Unit 3	345	Accessory Electric Equipment	10,399,410	1,936,101	1,747,739	(188,362)	
Jones Unit 3	346	Miscellaneous Power Plant Equipment	1,591,994	285,540	267,553	(17,987)	
		Jones Unit 3 - Total/Composite	83,230,435	15,360,209	13,954,928	(1,425,282)	
Jones Unit 4	341	Structures and Improvements	6,505,115	846,814	801,683	(45,130)	
Jones Unit 4	342	Fuel Holders and Accessory Equipment	-	-	-	-	
Jones Unit 4	343	Prime Movers	-	-	-	-	
Jones Unit 4	344	Generators	65,249,124	8,453,924	8,002,068	(451,856)	
Jones Unit 4	345	Accessory Electric Equipment	10,703,795	1,395,820	1,319,150	(76,670)	
Jones Unit 4	346	Miscellaneous Power Plant Equipment	1,196,889	156,332	147,506	(8,826)	
		Jones Unit 4 - Total/Composite	83,654,923	10,852,889	10,270,407	(582,482)	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
For Test Year Ending December 31, 2018

Production Unit	FERC Account	Description	Plant Balance	Per Books Texas Total Reserve Balance	Reallocated Texas Total Reserve Balance	Difference	Notes
			12/31/2018	12/31/2018	12/31/2018		
			(1)	(2)	(3)	(4)	
Maddox	341	Structures and Improvements	1,643,938	1,305,155	1,258,557	(46,597)	
Maddox	342	Fuel Holders and Accessory Equipment	512,886	709,721	452,668	(257,053)	
Maddox	344	Generators	15,428,875	13,135,553	12,877,365	(258,188)	
Maddox	345	Accessory Electric Equipment	1,627,920	1,350,535	1,186,383	(164,153)	
Maddox	346	Miscellaneous Power Plant Equipment	169,443	132,770	114,720	(18,049)	
		Maddox - Total/Composite	<u>19,383,062</u>	<u>16,633,733</u>	<u>15,889,693</u>	<u>(744,040)</u>	
Quay County	341	Structures and Improvements	916,182	338,364	242,212	(96,152)	
Quay County	342	Fuel Holders and Accessory Equipment	1,575	78,784	801	(77,983)	
Quay County	343	Prime Movers	4,620,155	4,327,875	3,214,640	(1,113,235)	
Quay County	344	Generators	17,151,429	5,126,661	5,114,417	(12,245)	
Quay County	345	Accessory Electric Equipment	3,065,104	1,308,641	989,993	(318,648)	
Quay County	346	Miscellaneous Power Plant Equipment	646,793	249,993	208,739	(41,254)	
		Quay County - Total/Composite	<u>26,401,239</u>	<u>11,430,319</u>	<u>9,770,802</u>	<u>(1,659,517)</u>	
Riverview	340	Land and Water Rights	676	625	676	50	
		Riverview - Total/Composite	<u>676</u>	<u>625</u>	<u>676</u>	<u>50</u>	
		Total Other Production Plant	<u>289,215,365</u>	<u>79,760,555</u>	<u>79,760,555</u>	<u>(0)</u>	
		Total Production Plant	<u>2,169,678,356</u>	<u>1,084,246,992</u>	<u>1,084,246,992</u>	<u>0</u>	
		Transmission					
	3502	Land Rights	151,888,969	16,344,596	12,888,790	(3,455,806)	
	352	Structures & Improvements	101,632,641	20,983,647	16,887,536	(4,096,111)	
	353	Station Equipment	1,108,171,071	155,108,665	143,301,308	(11,807,357)	
	354	Towers & Fixtures	8,177,682	2,763,359	2,463,950	(299,410)	
	355	Poles & Fixtures	1,160,752,855	208,057,179	235,636,154	27,578,975	
	356	Overhead Conductors & Devices	446,002,528	104,071,223	96,376,139	(7,695,084)	
	357	Underground Conduit	272,859	199,871	124,716	(75,155)	
	358	Underground Conductor & Devices	489,717	389,982	232,486	(157,496)	
	359	Roads and Trails	517,736	15,561	23,004	7,444	
		Total Transmission Plant	<u>2,977,906,058</u>	<u>507,934,083</u>	<u>507,934,083</u>	<u>(0)</u>	
		Distribution (TX Only)					
	3602	Land Rights	2,745,173	546,822	526,658	(20,164)	
	361	Structures & Improvements	14,411,029	2,193,621	1,901,755	(291,866)	
	362	Station Equipment	170,237,439	38,762,521	41,128,440	2,365,919	
	364	Poles, Towers & Fixtures	200,626,063	53,850,345	61,297,637	7,447,293	
	365	Overhead Conductors & Devices	169,511,992	47,120,957	46,038,878	(1,082,080)	
	366	Underground Conduit	19,054,496	7,660,346	6,805,049	(855,297)	
	367	Underground Conductor & Devices	34,104,914	9,558,669	9,041,639	(517,030)	
	368	Line Transformers	148,560,954	52,900,067	40,358,765	(12,541,302)	
	369 01	Services - Overhead	32,174,211	13,135,625	12,993,946	(141,679)	
	369 02	Services - Underground	27,947,639	12,004,077	11,286,993	(717,083)	
	370	Meters	41,048,433	17,330,044	19,296,331	1,966,287	
	371	Installations on Customers' Premises	-	139,266	-	(139,266)	
	373	Street Lighting & Signal Systems	17,507,832	4,671,781	9,198,049	4,526,268	
		Total Distribution Plant TX Only	<u>877,930,176</u>	<u>259,874,143</u>	<u>259,874,143</u>	<u>0</u>	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
For Test Year Ending December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018 (1)	Per Books Texas Total Reserve Balance 12/31/2018 (2)	Reallocated Texas Total Reserve Balance 12/31/2018 (3)	Difference (4)	Notes
General							
	389 002	Land Rights	45,967	16,615	16,964	349	
	390	Structures & Improvements	68,728,412	19,933,047	16,549,137	(3,383,910)	
	390 007	Structures & Improvements - Leasehold	4,232,845	866,064	866,064	-	
	391	Office Furniture & Equipment	16,603,109	4,541,940	4,673,711	131,771	
	391 004	Network Equipment	68,892,484	36,776,226	36,630,103	(146,123)	
	392 01	Transportation Equipment - Autos	3,345,059	732,336	774,015	41,679	
	392 02	Transportation Equipment - Light Trucks	43,635,262	25,324,784	23,131,727	(2,193,056)	
	392 03	Transportation Equipment - Trailers	8,404,970	2,981,333	2,643,128	(338,205)	
	392 04	Transportation Equipment - Heavy Trucks	57,188,472	31,603,361	28,357,693	(3,245,668)	
	393	Stores Equipment	430,683	310,936	291,965	(18,972)	
	394	Tool, Shop & Garage Equipment	43,989,343	7,245,133	7,899,775	654,643	
	395	Laboratory Equipment	11,180,735	8,304,785	8,389,052	84,267	
	396	Power Operated Equipment	14,816,242	5,804,545	5,337,122	(467,423)	
	397	Communication Equipment	118,455,187	61,530,921	59,716,518	(1,814,403)	
	398	Miscellaneous Equipment	2,781,556	1,722,484	1,749,793	27,309	
				(10,667,742)	-	10,667,742	
	Total General Plant		<u>462,730,326</u>	<u>197,026,767</u>	<u>197,026,767</u>	<u>(0)</u>	
	Total Electric Plant		<u>6,669,553,079</u>	<u>2,153,705,194</u>	<u>2,153,705,194</u>	<u>0</u>	

Notes

- (A) Assets have been retired Remaining reserve balance will be reallocated in the depreciation study
(B) Blackhawk excluded from reserve reallocation

APPENDIX G

Dismantling Cost Allocation by Unit/Account

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Acct
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	B & M Estimate 2018 \$ (A)	Notes	Allocation to Unit/Acct	Escalated Dismantling Cost	Retirement Year
Steam Production							
Cunningham Common Facilities	310 Land Rights	53,100					
Cunningham Common Facilities	311 Structures and Improvements	7,671,299			2,532,993	2,532,993	
Cunningham Common Facilities	312 Boiler Plant Equipment	6,640,582				2,192,660	
Cunningham Common Facilities	314 Turbogenerators	396,961			131,740	131,740	
Cunningham Common Facilities	315 Accessory Electric Equipment	783,399			258,671	258,671	
Cunningham Common Facilities	316 Miscellaneous Power Plant Equipment	1,518,322			501,336	501,336	
	Cunningham Common Facilities - Total/Composite	17,065,682	5,617,400		5,617,400	5,617,400	2040
Cunningham Unit 1	311 Structures and Improvements	2,390,443			588,207	588,207	
Cunningham Unit 1	312 Boiler Plant Equipment	8,206,183			2,019,754	2,019,754	
Cunningham Unit 1	314 Turbogenerators	6,137,045			1,510,118	1,510,118	
Cunningham Unit 1	315 Accessory Electric Equipment	935,547			230,206	230,206	
Cunningham Unit 1	316 Miscellaneous Power Plant Equipment	308,513			75,915	75,915	
	Cunningham Unit 1 - Total/Composite	17,979,731	4,424,200		4,424,200	4,424,200	2019
Cunningham Unit 2	311 Structures and Improvements	2,377,337			400,322	400,322	
Cunningham Unit 2	312 Boiler Plant Equipment	17,652,086			2,972,453	2,972,453	
Cunningham Unit 2	314 Turbogenerators	11,616,984			1,956,196	1,956,196	
Cunningham Unit 2	315 Accessory Electric Equipment	5,352,506			901,314	901,314	
Cunningham Unit 2	316 Miscellaneous Power Plant Equipment	134,895			22,715	22,715	
	Cunningham Unit 2 - Total/Composite	37,133,808	6,253,000		6,253,000	6,253,000	2025
Harrington Common Facilities	310 Land Rights	13,705					
Harrington Common Facilities	311 Structures and Improvements	26,337,880			15,526,881	15,526,881	
Harrington Common Facilities	312 Boiler Plant Equipment	15,958,561			9,407,996	9,407,996	
Harrington Common Facilities	314 Turbogenerators	3,146,873			1,855,165	1,855,165	
Harrington Common Facilities	315 Accessory Electric Equipment	1,199,779			707,301	707,301	
Harrington Common Facilities	316 Miscellaneous Power Plant Equipment	2,639,324			1,550,056	1,550,056	
	Harrington Common Facilities - Total/Composite	49,286,121	29,047,400		29,047,400	29,047,400	2040
Harrington Unit 1	311 Structures and Improvements	6,969,988			372,730	372,730	
Harrington Unit 1	312 Boiler Plant Equipment	106,514,384			5,696,014	5,696,014	
Harrington Unit 1	314 Turbogenerators	42,456,474			2,270,423	2,270,423	
Harrington Unit 1	315 Accessory Electric Equipment	7,832,270			418,842	418,842	
Harrington Unit 1	316 Miscellaneous Power Plant Equipment	966,616			51,691	51,691	
	Harrington Unit 1 - Total/Composite	164,739,316	8,809,700		8,809,700	8,809,700	2036
Harrington Unit 2	311 Structures and Improvements	6,123,513			301,355	301,355	
Harrington Unit 2	312 Boiler Plant Equipment	112,965,832			5,559,366	5,559,366	
Harrington Unit 2	314 Turbogenerators	48,509,437			2,387,286	2,387,286	
Harrington Unit 2	315 Accessory Electric Equipment	5,906,413			290,770	290,770	
Harrington Unit 2	316 Miscellaneous Power Plant Equipment	1,546,811			76,123	76,123	
	Harrington Unit 2 - Total/Composite	175,054,007	8,614,900		8,614,900	8,614,900	2038
Harrington Unit 3	311 Structures and Improvements	9,357,196			388,635	388,635	
Harrington Unit 3	312 Boiler Plant Equipment	120,540,206			5,006,434	5,006,434	
Harrington Unit 3	314 Turbogenerators	54,024,505			2,243,817	2,243,817	
Harrington Unit 3	315 Accessory Electric Equipment	6,045,955			251,109	251,109	
Harrington Unit 3	316 Miscellaneous Power Plant Equipment	1,878,140			78,005	78,005	
	Harrington Unit 3 - Total/Composite	191,846,002	7,968,000		7,968,000	7,968,000	2040
Jones Common Facilities	311 Structures and Improvements	9,045,042			2,023,648	2,023,648	
Jones Common Facilities	312 Boiler Plant Equipment	12,167,839			2,722,312	2,722,312	
Jones Common Facilities	314 Turbogenerators	7,885,491			1,764,222	1,764,222	
Jones Common Facilities	315 Accessory Electric Equipment	2,560,333			572,824	572,824	
Jones Common Facilities	316 Miscellaneous Power Plant Equipment	3,668,003			820,195	820,195	
	Jones Common Facilities - Total/Composite	35,324,709	7,903,200		7,903,200	7,903,200	2058
Jones Unit 1	310 Land Rights	108,562					
Jones Unit 1	311 Structures and Improvements	5,094,828			894,828	894,828	
Jones Unit 1	312 Boiler Plant Equipment	23,143,052			4,064,720	4,064,720	
Jones Unit 1	314 Turbogenerators	22,662,978			3,980,403	3,980,403	
Jones Unit 1	315 Accessory Electric Equipment	2,767,418			486,054	486,054	
Jones Unit 1	316 Miscellaneous Power Plant Equipment	756,086			132,795	132,795	
	Jones Unit 1 - Total/Composite	54,532,923	9,558,800		9,558,800	9,558,800	2031
Jones Unit 2	311 Structures and Improvements	2,179,724			500,500	500,500	
Jones Unit 2	312 Boiler Plant Equipment	16,282,969			3,738,835	3,738,835	
Jones Unit 2	314 Turbogenerators	20,915,587			4,802,559	4,802,559	
Jones Unit 2	315 Accessory Electric Equipment	2,913,009			668,874	668,874	
Jones Unit 2	316 Miscellaneous Power Plant Equipment	598,526			137,431	137,431	
	Jones Unit 2 - Total/Composite	42,889,815	9,848,200		9,848,200	9,848,200	2034
Maddox	310 Land Rights	19,971					
Maddox	311 Structures and Improvements	4,909,575			915,675	915,675	
Maddox	312 Boiler Plant Equipment	20,350,280			3,795,489	3,795,489	
Maddox	314 Turbogenerators	12,709,583			2,370,438	2,370,438	
Maddox	315 Accessory Electric Equipment	6,652,878			1,240,833	1,240,833	
Maddox	316 Miscellaneous Power Plant Equipment	963,846			179,765	179,765	
	Maddox - Total/Composite	45,606,237	8,502,200		8,502,200	8,502,200	2028

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Account
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	B & M Estimate 2018 \$(A)	Notes	Allocation to Unit/Account	Escalated Dismantling Cost	Retirement Year
Moore County	310 Land Rights	463					
Moore County	310 Water Rights	17,164					
	Moore County - Total/Composite	17,627					
Nichols Common Facilities	310 Land Rights	676,746					
Nichols Common Facilities	311 Structures and Improvements	52,035,520			10,564,280	10,564,280	
Nichols Common Facilities	312 Boiler Plant Equipment	10,680,419			2,168,347	2,168,347	
Nichols Common Facilities	314 Turbogenerators	3,396,729			689,606	689,606	
Nichols Common Facilities	315 Accessory Electric Equipment	2,298,724			466,689	466,689	
Nichols Common Facilities	316 Miscellaneous Power Plant Equipment	2,341,972			475,469	475,469	
	Nichols Common Facilities - Total/Composite	71,430,109	14,364,400		14,364,400	14,364,400	2030
Nichols Unit 1	311 Structures and Improvements	2,079,572			341,133	341,133	
Nichols Unit 1	312 Boiler Plant Equipment	10,859,989			1,781,471	1,781,471	
Nichols Unit 1	314 Turbogenerators	9,683,276			1,588,443	1,588,443	
Nichols Unit 1	315 Accessory Electric Equipment	2,251,603			369,353	369,353	
Nichols Unit 1	316 Miscellaneous Power Plant Equipment	234,700			38,500	38,500	
	Nichols Unit 1 - Total/Composite	25,109,140	4,118,900		4,118,900	4,118,900	2022
Nichols Unit 2	311 Structures and Improvements	1,108,535			172,030	172,030	
Nichols Unit 2	312 Boiler Plant Equipment	11,971,470			1,857,811	1,857,811	
Nichols Unit 2	314 Turbogenerators	12,230,817			1,838,058	1,838,058	
Nichols Unit 2	315 Accessory Electric Equipment	1,038,809			161,178	161,178	
Nichols Unit 2	316 Miscellaneous Power Plant Equipment	79,414			12,324	12,324	
	Nichols Unit 2 - Total/Composite	26,428,845	4,101,400		4,101,400	4,101,400	2023
Nichols Unit 3	311 Structures and Improvements	1,592,946			225,206	225,206	
Nichols Unit 3	312 Boiler Plant Equipment	19,935,278			2,815,279	2,815,279	
Nichols Unit 3	314 Turbogenerators	20,314,607			2,872,017	2,872,017	
Nichols Unit 3	315 Accessory Electric Equipment	2,256,197			318,974	318,974	
Nichols Unit 3	316 Miscellaneous Power Plant Equipment	319,173			45,124	45,124	
	Nichols Unit 3 - Total/Composite	44,396,201	6,276,600		6,276,600	6,276,600	2030
Plant X Common Facilities	310 Water Rights	1,314,134					
Plant X Common Facilities	311 Structures and Improvements	8,116,832			5,729,399	5,729,399	
Plant X Common Facilities	312 Boiler Plant Equipment	4,498,544			3,175,372	3,175,372	
Plant X Common Facilities	314 Turbogenerators	3,424,396			2,417,166	2,417,166	
Plant X Common Facilities	315 Accessory Electric Equipment	124,534			87,905	87,905	
Plant X Common Facilities	316 Miscellaneous Power Plant Equipment	1,503,959			1,060,959	1,060,959	
	Plant X Common Facilities - Total/Composite	19,981,499	12,470,800		12,470,800	12,470,800	2027
Plant X Unit 1	311 Structures and Improvements	1,286,334			187,773	187,773	
Plant X Unit 1	312 Boiler Plant Equipment	6,252,484			912,708	912,708	
Plant X Unit 1	314 Turbogenerators	4,549,359			664,094	664,094	
Plant X Unit 1	315 Accessory Electric Equipment	871,549			127,225	127,225	
Plant X Unit 1	316 Miscellaneous Power Plant Equipment						
	Plant X Unit 1 - Total/Composite	12,959,727	1,891,800		1,891,800	1,891,800	2019
Plant X Unit 2	311 Structures and Improvements	1,021,771			136,693	136,693	
Plant X Unit 2	312 Boiler Plant Equipment	16,241,946			2,172,854	2,172,854	
Plant X Unit 2	314 Turbogenerators	6,735,026			901,014	901,014	
Plant X Unit 2	315 Accessory Electric Equipment	613,416			82,063	82,063	
Plant X Unit 2	316 Miscellaneous Power Plant Equipment	52,890			7,076	7,076	
	Plant X Unit 2 - Total/Composite	24,665,049	3,299,700		3,299,700	3,299,700	2019
Plant X Unit 3	311 Structures and Improvements	1,034,626			179,054	179,054	
Plant X Unit 3	312 Boiler Plant Equipment	8,456,316			1,463,466	1,463,466	
Plant X Unit 3	314 Turbogenerators	7,508,924			1,299,508	1,299,508	
Plant X Unit 3	315 Accessory Electric Equipment	976,256			168,953	168,953	
Plant X Unit 3	316 Miscellaneous Power Plant Equipment	977,798			169,219	169,219	
	Plant X Unit 3 - Total/Composite	18,953,919	3,280,200		3,280,200	3,280,200	2024
Plant X Unit 4	311 Structures and Improvements	1,836,578			213,425	213,425	
Plant X Unit 4	312 Boiler Plant Equipment	18,044,134			2,096,871	2,096,871	
Plant X Unit 4	314 Turbogenerators	13,769,136			1,600,083	1,600,083	
Plant X Unit 4	315 Accessory Electric Equipment	1,813,628			210,758	210,758	
Plant X Unit 4	316 Miscellaneous Power Plant Equipment	164,046			19,063	19,063	
	Plant X Unit 4 - Total/Composite	35,627,522	4,140,200		4,140,200	4,140,200	2027
Rvreview	310 Land Rights	1,245					
	Rvreview - Total/Composite	1,245					
Tolk Common Facilities	310 Water Rights	10,220,448					
Tolk Common Facilities	311 Structures and Improvements	31,860,962			40,524,813	40,524,813	
Tolk Common Facilities	312 Boiler Plant Equipment	16,865,777			21,452,035	21,452,035	
Tolk Common Facilities	314 Turbogenerators	11,467,141			14,585,364	14,585,364	
Tolk Common Facilities	315 Accessory Electric Equipment						
Tolk Common Facilities	316 Miscellaneous Power Plant Equipment	3,406,289			4,332,550	4,332,550	
	Tolk Common Facilities - Total/Composite	73,820,616	80,894,762.00		80,894,762	80,894,762	2032

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Acct
At December 31, 2018

Production Unit	FERC Account	Description	Plant Balance 12/31/2018	B & M Estimate 2018 \$(A)	Notes	Allocation to Unit/Acct	Escalated Dismantling Cost	Retirement Year
Toik 1	310	Land Rights	19,917	-				
Toik 1	311	Structures and Improvements	19,801,317			993,612	993,612	
Toik 1	312	Boiler Plant Equipment	191,862,522			9,627,489	9,627,489	
Toik 1	314	Turbogenerators	61,261,005			3,074,022	3,074,022	
Toik 1	315	Accessory Electric Equipment	3,587,878			180,042	180,042	
Toik 1	316	Miscellaneous Power Plant Equipment	521,526			26,170	26,170	
		Toik 1- Total/Composite	<u>277,054,255</u>	<u>13,901,335</u>		<u>13,901,335</u>	<u>13,901,335</u>	2032
Toik 2	310	Land Rights	277,377					
Toik 2	311	Structures and Improvements	9,713,838			440,839	440,839	
Toik 2	312	Boiler Plant Equipment	210,860,524			9,569,396	9,569,396	
Toik 2	314	Turbogenerators	79,132,275			3,591,227	3,591,227	
Toik 2	315	Accessory Electric Equipment	3,292,957			149,443	149,443	
Toik 2	316	Miscellaneous Power Plant Equipment	2,241,379			101,720	101,720	
		Toik 2- Total/Composite	<u>305,518,350</u>	<u>13,852,625</u>		<u>13,852,625</u>	<u>13,852,625</u>	2032
Toik Common Retiring 2055	310	Water Rights TX	-					
Toik Common Retiring 2055	311	Structures and Improvements	5,740,159			1,842,540	1,842,540	
Toik Common Retiring 2055	312	Boiler Plant Equipment	481,278			154,486	154,486	
Toik Common Retiring 2055	314	Turbogenerators	1,937,671			621,975	621,975	
Toik Common Retiring 2055	315	Accessory Electric Equipment	22,551			7,239	7,239	
Toik Common Retiring 2055	316	Miscellaneous Power Plant Equipment	3,736,234			1,199,298	1,199,298	
		Toik Common Facilities - Total/Composite	<u>11,917,894</u>	<u>3,825,538 00</u>		<u>3,825,538</u>	<u>3,825,538</u>	2055
Toik 1 Retring 2055	310	Land Rights TX	-					
Toik 1 Retring 2055	311	Structures and Improvements	12,374,235			620,883	620,883	
Toik 1 Retring 2055	312	Boiler Plant Equipment	7,127,683			357,635	357,635	
Toik 1 Retring 2055	314	Turbogenerators	15,404,390			772,923	772,923	
Toik 1 Retring 2055	315	Accessory Electric Equipment	12,860,737			645,294	645,294	
Toik 1 Retring 2055	316	Miscellaneous Power Plant Equipment	199,904			10,030	10,030	
		Toik 1- Total/Composite	<u>47,966,949</u>	<u>2,406,765</u>		<u>2,406,765</u>	<u>2,406,765</u>	2055
Toik 2 Retring 2055	310	Land Rights TX	-					
Toik 2 Retring 2055	311	Structures and Improvements	8,645,191			391,985	391,985	
Toik 2 Retring 2055	312	Boiler Plant Equipment	8,030,975			364,136	364,136	
Toik 2 Retring 2055	314	Turbogenerators	27,246,395			1,235,389	1,235,389	
Toik 2 Retring 2055	315	Accessory Electric Equipment	8,914,265			404,185	404,185	
Toik 2 Retring 2055	316	Miscellaneous Power Plant Equipment	1,318,439			59,780	59,780	
		Toik 2- Total/Composite	<u>54,155,264</u>	<u>2,455,475</u>		<u>2,455,475</u>	<u>2,455,475</u>	2055
Moore County		Moore County - Total/Composite	<u>-</u>	<u>6,401,410 (C)</u>		<u>6,401,410</u>	<u>6,401,410</u>	
		Total Steam Production Plant	<u>1,880,482,890</u>	<u>284,228,910</u>		<u>284,228,910</u>	<u>284,228,910</u>	

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Account
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	B & M Estimate 2018 \$ (A)	Notes	Allocation to Unit/Account	Escalated Dismantling Cost	Retirement Year
Other Production							
Blackhawk	342 Fuel Holders and Accessory Equipment	4,054,689	616,706 (B)		616,706	616,706	
	Blackhawk - Total/Composite	4,054,689	616,706		616,706	616,706	2034
Carlsbad	Carlsbad- Total Composite	-	214,680 (C)		214,680	214,680	2017
Cunningham	341 Structures and Improvements	588,074			8,443	8,443	
Cunningham	342 Fuel Holders and Accessory Equipment	1,502,692			21,573	21,573	
Cunningham	343 Prime Movers	50,206,735			720,788	720,788	
Cunningham	344 Generators	13,132,851			188,540	188,540	
Cunningham	345 Accessory Electric Equipment	5,919,580			84,984	84,984	
Cunningham	346 Miscellaneous Power Plant Equipment	1,140,410			16,372	16,372	
	Cunningham - Total/Composite	72,490,341	1,040,700		1,040,700	1,040,700	2040
Jones Unit 3	341 Structures and Improvements	4,748,588			28,065	28,065	
Jones Unit 3	342 Fuel Holders and Accessory Equipment	- (0)			-	-	
Jones Unit 3	343 Prime Movers	10,724			63	63	
Jones Unit 3	344 Generators	66,479,720			392,902	392,902	
Jones Unit 3	345 Accessory Electric Equipment	10,399,410			61,462	61,462	
Jones Unit 3	346 Miscellaneous Power Plant Equipment	1,591,994			9,409	9,409	
	Jones Unit 3 - Total/Composite	83,230,435	491,900		491,900	491,900	2056
Jones Unit 4	341 Structures and Improvements	6,505,115			38,251	38,251	
Jones Unit 4	342 Fuel Holders and Accessory Equipment	-			-	-	
Jones Unit 4	343 Prime Movers	-			-	-	
Jones Unit 4	344 Generators	65,249,424			383,672	383,672	
Jones Unit 4	345 Accessory Electric Equipment	10,703,795			62,939	62,939	
Jones Unit 4	346 Miscellaneous Power Plant Equipment	1,196,888			7,038	7,038	
	Jones Unit 4 - Total/Composite	83,654,923	491,900		491,900	491,900	2058
Maddox	341 Structures and Improvements	1,643,938			91,547.29	91,547	
Maddox	342 Fuel Holders and Accessory Equipment	512,886			28,561.52	28,562	
Maddox	343 Prime Movers	-			-	-	
Maddox	344 Generators	15,428,875			859,200.03	859,200	
Maddox	345 Accessory Electric Equipment	1,627,920			90,655.25	90,655	
Maddox	346 Miscellaneous Power Plant Equipment	189,443			9,435.91	9,436	
	Maddox - Total/Composite	19,383,062	1,079,400		1,079,400	1,079,400	2025
Quay County	341 Structures and Improvements	916,182			17,958	17,958	
Quay County	342 Fuel Holders and Accessory Equipment	1,575			31	31	
Quay County	343 Prime Movers	4,620,155			90,561	90,561	
Quay County	344 Generators	17,151,429			336,191	336,191	
Quay County	345 Accessory Electric Equipment	3,065,104			60,080	60,080	
Quay County	346 Miscellaneous Power Plant Equipment	646,793			12,678	12,678	
	Quay County - Total/Composite	26,401,239	517,500		517,500	517,500	2034
Rvreview	340 Land and Water Rights	676					
	Rvreview - Total/Composite	676					
	Total Other Production Plant	289,216,366	4,452,786		4,452,786	4,452,786	
	Total Production	2,169,676,356	285,681,696		285,681,696	285,681,696	
Proforma Other Production							
Proforma Additions							
Hale Wind Project	341 Structures and Improvements						
Hale Wind Project	342 Fuel Holders and Accessory Equipment						
Hale Wind Project	343 Prime Movers						
Hale Wind Project	344 Generators						
Hale Wind Project	345 Accessory Electric Equipment						
Hale Wind Project	346 Miscellaneous Power Plant Equipment						
	Hale Wind Project - Total Composite	681,773,668	11,658,400		11,658,400	11,658,400	2044
	Total Proforma Other Production Plant	681,773,668	11,658,400		11,658,400	11,658,400	

Escalation Factor

0.00%

Notes

- (A) Estimates from Burns & McDonnell Engineer Company, SPS Dismantling Study, Project 110383, dated 4/17/2019 unless otherwise noted
- (B) Estimate from Xcel Energy internal study
- (C) Estimates from forecast

APPENDIX H
Production Composite Net Salvage

Southwestern Public Service Company
 Computation of Composite Net Salvage
 At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	Interm Retirement \$	Interm Net Salv %	Interm Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Steam Production								
Cunningham Common Facilities	310 Land Rights	53,100	-	0%	-	-	-	0 00%
Cunningham Common Facilities	311 Structures and Improvements	7,671,299	-	0%	-	(2,532,993)	(2,532,993)	-33 02%
Cunningham Common Facilities	312 Boiler Plant Equipment	6,640,682	-	0%	-	(2,192,660)	(2,192,660)	-33 02%
Cunningham Common Facilities	314 Turbogenerators	398,981	-	0%	-	(131,740)	(131,740)	-33 02%
Cunningham Common Facilities	315 Accessory Electric Equipment	783,399	-	0%	-	(258,671)	(258,671)	-33 02%
Cunningham Common Facilities	316 Miscellaneous Power Plant Equipment	1,518,322	-	0%	-	(501,336)	(501,336)	-33 02%
Cunningham Common Facilities - Total/Composite		17,065,682	-	-	-	(6,617,400)	(6,617,400)	-32 92%
Cunningham Unit 1	311 Structures and Improvements	2,390,443	-	0%	-	(588,207)	(588,207)	-24 61%
Cunningham Unit 1	312 Boiler Plant Equipment	8,208,183	-	0%	-	(2,019,754)	(2,019,754)	-24 61%
Cunningham Unit 1	314 Turbogenerators	6,137,045	-	0%	-	(1,510,118)	(1,510,118)	-24 61%
Cunningham Unit 1	315 Accessory Electric Equipment	935,547	-	0%	-	(230,206)	(230,206)	-24 61%
Cunningham Unit 1	316 Miscellaneous Power Plant Equipment	308,513	-	0%	-	(75,915)	(75,915)	-24 61%
Cunningham Unit 1 - Total/Composite		17,979,731	-	-	-	(4,424,200)	(4,424,200)	-24 61%
Cunningham Unit 2	311 Structures and Improvements	2,377,337	-	0%	-	(400,322)	(400,322)	-16 84%
Cunningham Unit 2	312 Boiler Plant Equipment	17,652,086	-	0%	-	(2,972,453)	(2,972,453)	-16 84%
Cunningham Unit 2	314 Turbogenerators	11,616,984	-	0%	-	(1,956,196)	(1,956,196)	-16 84%
Cunningham Unit 2	315 Accessory Electric Equipment	5,352,506	-	0%	-	(901,314)	(901,314)	-16 84%
Cunningham Unit 2	316 Miscellaneous Power Plant Equipment	134,895	-	0%	-	(22,715)	(22,715)	-16 84%
Cunningham Unit 2 - Total/Composite		37,133,808	-	-	-	(6,253,000)	(6,253,000)	-16 84%
Harrington Common Facilities	310 Land Rights	13,705	-	0%	-	-	-	0 00%
Harrington Common Facilities	311 Structures and Improvements	26,337,880	-	0%	-	(15,526,881)	(15,526,881)	-58 95%
Harrington Common Facilities	312 Boiler Plant Equipment	15,958,561	-	0%	-	(9,407,996)	(9,407,996)	-58 95%
Harrington Common Facilities	314 Turbogenerators	3,148,873	-	0%	-	(1,855,165)	(1,855,165)	-58 95%
Harrington Common Facilities	315 Accessory Electric Equipment	1,199,779	-	0%	-	(707,301)	(707,301)	-58 95%
Harrington Common Facilities	316 Miscellaneous Power Plant Equipment	2,829,324	-	0%	-	(1,550,056)	(1,550,056)	-58 95%
Harrington Common Facilities - Total/Composite		49,286,121	-	-	-	(29,047,400)	(29,047,400)	-58 94%
Harrington Unit 1	311 Structures and Improvements	6,969,968	-	0%	-	(372,730)	(372,730)	-5 35%
Harrington Unit 1	312 Boiler Plant Equipment	106,514,384	-	0%	-	(5,696,014)	(5,696,014)	-5 35%
Harrington Unit 1	314 Turbogenerators	42,456,474	-	0%	-	(2,270,423)	(2,270,423)	-5 35%
Harrington Unit 1	315 Accessory Electric Equipment	7,832,270	-	0%	-	(418,842)	(418,842)	-5 35%
Harrington Unit 1	316 Miscellaneous Power Plant Equipment	966,618	-	0%	-	(51,691)	(51,691)	-5 35%
Harrington Unit 1 - Total/Composite		164,739,735	-	-	-	(8,809,700)	(8,809,700)	-5 35%
Harrington Unit 2	311 Structures and Improvements	6,123,513	-	0%	-	(301,355)	(301,355)	-4 92%
Harrington Unit 2	312 Boiler Plant Equipment	112,965,832	-	0%	-	(5,559,366)	(5,559,366)	-4 92%
Harrington Unit 2	314 Turbogenerators	48,509,437	-	0%	-	(2,387,286)	(2,387,286)	-4 92%
Harrington Unit 2	315 Accessory Electric Equipment	5,908,413	-	0%	-	(290,770)	(290,770)	-4 92%
Harrington Unit 2	316 Miscellaneous Power Plant Equipment	1,548,811	-	0%	-	(76,123)	(76,123)	-4 92%
Harrington Unit 2 - Total/Composite		175,054,007	-	-	-	(8,614,900)	(8,614,900)	-4 92%
Harrington Unit 3	311 Structures and Improvements	9,357,198	-	0%	-	(388,635)	(388,635)	-4 15%
Harrington Unit 3	312 Boiler Plant Equipment	120,540,206	-	0%	-	(5,006,434)	(5,006,434)	-4 15%
Harrington Unit 3	314 Turbogenerators	54,024,505	-	0%	-	(2,243,817)	(2,243,817)	-4 15%
Harrington Unit 3	315 Accessory Electric Equipment	6,045,955	-	0%	-	(251,109)	(251,109)	-4 15%
Harrington Unit 3	316 Miscellaneous Power Plant Equipment	1,878,140	-	0%	-	(78,005)	(78,005)	-4 15%
Harrington Unit 3 - Total/Composite		191,846,002	-	-	-	(7,968,000)	(7,968,000)	-4 15%
Jones Common Facilities	311 Structures and Improvements	9,045,042	-	0%	-	(2,023,648)	(2,023,648)	-22 37%
Jones Common Facilities	312 Boiler Plant Equipment	12,167,839	-	0%	-	(2,722,312)	(2,722,312)	-22 37%
Jones Common Facilities	314 Turbogenerators	7,885,491	-	0%	-	(1,764,222)	(1,764,222)	-22 37%
Jones Common Facilities	315 Accessory Electric Equipment	2,560,333	-	0%	-	(572,824)	(572,824)	-22 37%
Jones Common Facilities	316 Miscellaneous Power Plant Equipment	3,666,003	-	0%	-	(820,195)	(820,195)	-22 37%
Jones Common Facilities - Total/Composite		35,324,709	-	-	-	(7,903,200)	(7,903,200)	-22 37%
Jones Unit 1	310 Land Rights	108,562	-	0%	-	-	-	0 00%
Jones Unit 1	311 Structures and Improvements	5,094,828	-	0%	-	(894,828)	(894,828)	-17 56%
Jones Unit 1	312 Boiler Plant Equipment	23,143,052	-	0%	-	(4,064,720)	(4,064,720)	-17 56%
Jones Unit 1	314 Turbogenerators	22,682,978	-	0%	-	(3,980,403)	(3,980,403)	-17 56%
Jones Unit 1	315 Accessory Electric Equipment	2,767,418	-	0%	-	(486,054)	(486,054)	-17 56%
Jones Unit 1	316 Miscellaneous Power Plant Equipment	756,086	-	0%	-	(132,795)	(132,795)	-17 56%
Jones Unit 1 - Total/Composite		54,532,923	-	-	-	(9,558,800)	(9,558,800)	-17 53%
Jones Unit 2	311 Structures and Improvements	2,179,724	-	0%	-	(500,500)	(500,500)	-22 96%
Jones Unit 2	312 Boiler Plant Equipment	16,282,969	-	0%	-	(3,738,835)	(3,738,835)	-22 96%
Jones Unit 2	314 Turbogenerators	20,915,587	-	0%	-	(4,802,559)	(4,802,559)	-22 96%
Jones Unit 2	315 Accessory Electric Equipment	2,913,009	-	0%	-	(668,874)	(668,874)	-22 96%
Jones Unit 2	316 Miscellaneous Power Plant Equipment	598,526	-	0%	-	(137,431)	(137,431)	-22 96%
Jones Unit 2 - Total/Composite		42,889,815	-	-	-	(9,848,200)	(9,848,200)	-22 96%
Maddox	310 Land Rights	19,971	-	0%	-	-	-	0 00%
Maddox	311 Structures and Improvements	4,909,575	-	0%	-	(915,675)	(915,675)	-18 65%
Maddox	312 Boiler Plant Equipment	20,350,280	-	0%	-	(3,795,489)	(3,795,489)	-18 65%
Maddox	314 Turbogenerators	12,709,583	-	0%	-	(2,370,438)	(2,370,438)	-18 65%
Maddox	315 Accessory Electric Equipment	6,652,978	-	0%	-	(1,240,833)	(1,240,833)	-18 65%
Maddox	316 Miscellaneous Power Plant Equipment	963,849	-	0%	-	(179,765)	(179,765)	-18 65%
Maddox - Total/Composite		45,606,237	-	-	-	(8,502,200)	(8,502,200)	-18 64%

Southwestern Public Service Company
Computation of Composite Net Salvage
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Moore County	310 Land Rights	463	-	0%	-	-	-	0.00%
Moore County	310 Water Rights	17,164	-	0%	-	-	-	0.00%
	Moore County - Total/Composite	17,627	-	-	-	-	-	0.00%
Nichols Common Facilities	310 Land Rights	676,746	-	0%	-	-	-	0.00%
Nichols Common Facilities	311 Structures and Improvements	52,035,520	-	0%	-	(10,564,290)	(10,564,290)	-20.30%
Nichols Common Facilities	312 Boiler Plant Equipment	10,680,419	-	0%	-	(2,168,347)	(2,168,347)	-20.30%
Nichols Common Facilities	314 Turbogenerators	3,396,729	-	0%	-	(689,606)	(689,606)	-20.30%
Nichols Common Facilities	315 Accessory Electric Equipment	2,298,724	-	0%	-	(466,689)	(466,689)	-20.30%
Nichols Common Facilities	316 Miscellaneous Power Plant Equipment	2,341,972	-	0%	-	(475,469)	(475,469)	-20.30%
	Nichols Common Facilities - Total/Composite	71,430,109	-	-	-	(14,364,400)	(14,364,400)	-20.11%
Nichols Unit 1	311 Structures and Improvements	2,079,572	-	0%	-	(341,133)	(341,133)	-16.40%
Nichols Unit 1	312 Boiler Plant Equipment	10,859,989	-	0%	-	(1,781,471)	(1,781,471)	-16.40%
Nichols Unit 1	314 Turbogenerators	9,683,276	-	0%	-	(1,588,443)	(1,588,443)	-16.40%
Nichols Unit 1	315 Accessory Electric Equipment	2,251,603	-	0%	-	(369,353)	(369,353)	-16.40%
Nichols Unit 1	316 Miscellaneous Power Plant Equipment	234,700	-	0%	-	(38,500)	(38,500)	-16.40%
	Nichols Unit 1 - Total/Composite	25,109,140	-	-	-	(4,118,900)	(4,118,900)	-16.40%
Nichols Unit 2	311 Structures and Improvements	1,108,535	-	0%	-	(172,030)	(172,030)	-15.52%
Nichols Unit 2	312 Boiler Plant Equipment	11,971,470	-	0%	-	(1,857,810)	(1,857,810)	-15.52%
Nichols Unit 2	314 Turbogenerators	12,230,817	-	0%	-	(1,898,058)	(1,898,058)	-15.52%
Nichols Unit 2	315 Accessory Electric Equipment	1,038,609	-	0%	-	(161,178)	(161,178)	-15.52%
Nichols Unit 2	316 Miscellaneous Power Plant Equipment	79,414	-	0%	-	(12,324)	(12,324)	-15.52%
	Nichols Unit 2 - Total/Composite	26,428,846	-	-	-	(4,101,400)	(4,101,400)	-15.52%
Nichols Unit 3	311 Structures and Improvements	1,592,946	-	0%	-	(225,206)	(225,206)	-14.14%
Nichols Unit 3	312 Boiler Plant Equipment	19,913,279	-	0%	-	(2,815,279)	(2,815,279)	-14.14%
Nichols Unit 3	314 Turbogenerators	20,314,607	-	0%	-	(2,872,017)	(2,872,017)	-14.14%
Nichols Unit 3	315 Accessory Electric Equipment	2,256,197	-	0%	-	(318,974)	(318,974)	-14.14%
Nichols Unit 3	316 Miscellaneous Power Plant Equipment	319,173	-	0%	-	(45,124)	(45,124)	-14.14%
	Nichols Unit 3 - Total/Composite	44,396,201	-	-	-	(6,276,600)	(6,276,600)	-14.14%
Plant X Common Facilities	310 Water Rights	1,314,134	-	0%	-	-	-	0.00%
Plant X Common Facilities	311 Structures and Improvements	8,116,832	-	0%	-	(5,729,399)	(5,729,399)	-70.59%
Plant X Common Facilities	312 Boiler Plant Equipment	4,498,544	-	0%	-	(3,175,372)	(3,175,372)	-70.59%
Plant X Common Facilities	314 Turbogenerators	3,424,336	-	0%	-	(2,417,166)	(2,417,166)	-70.59%
Plant X Common Facilities	315 Accessory Electric Equipment	124,534	-	0%	-	(87,905)	(87,905)	-70.59%
Plant X Common Facilities	316 Miscellaneous Power Plant Equipment	1,503,059	-	0%	-	(1,060,959)	(1,060,959)	-70.59%
	Plant X Common Facilities - Total/Composite	18,981,499	-	-	-	(12,470,800)	(12,470,800)	-65.70%
Plant X Unit 1	311 Structures and Improvements	1,286,334	-	0%	-	(187,773)	(187,773)	-14.60%
Plant X Unit 1	312 Boiler Plant Equipment	2,562,484	-	0%	-	(912,708)	(912,708)	-14.60%
Plant X Unit 1	314 Turbogenerators	4,549,359	-	0%	-	(664,094)	(664,094)	-14.60%
Plant X Unit 1	315 Accessory Electric Equipment	871,549	-	0%	-	(127,225)	(127,225)	-14.60%
Plant X Unit 1	316 Miscellaneous Power Plant Equipment	777,727	-	0%	-	-	-	-14.60%
	Plant X Unit 1 - Total/Composite	12,959,727	-	-	-	(1,891,800)	(1,891,800)	-14.60%
Plant X Unit 2	311 Structures and Improvements	1,021,771	-	0%	-	(136,693)	(136,693)	-13.38%
Plant X Unit 2	312 Boiler Plant Equipment	16,241,946	-	0%	-	(2,172,854)	(2,172,854)	-13.38%
Plant X Unit 2	314 Turbogenerators	6,735,026	-	0%	-	(901,014)	(901,014)	-13.38%
Plant X Unit 2	315 Accessory Electric Equipment	613,416	-	0%	-	(82,063)	(82,063)	-13.38%
Plant X Unit 2	316 Miscellaneous Power Plant Equipment	52,890	-	0%	-	(7,076)	(7,076)	-13.38%
	Plant X Unit 2 - Total/Composite	24,665,049	-	-	-	(3,299,700)	(3,299,700)	-13.38%
Plant X Unit 3	311 Structures and Improvements	1,034,626	-	0%	-	(179,054)	(179,054)	-17.31%
Plant X Unit 3	312 Boiler Plant Equipment	8,456,316	-	0%	-	(1,463,466)	(1,463,466)	-17.31%
Plant X Unit 3	314 Turbogenerators	7,508,924	-	0%	-	(1,299,508)	(1,299,508)	-17.31%
Plant X Unit 3	315 Accessory Electric Equipment	976,256	-	0%	-	(168,953)	(168,953)	-17.31%
Plant X Unit 3	316 Miscellaneous Power Plant Equipment	977,798	-	0%	-	(169,219)	(169,219)	-17.31%
	Plant X Unit 3 - Total/Composite	18,953,919	-	-	-	(3,280,200)	(3,280,200)	-17.31%
Plant X Unit 4	311 Structures and Improvements	1,836,578	-	0%	-	(213,425)	(213,425)	-11.62%
Plant X Unit 4	312 Boiler Plant Equipment	18,044,134	-	0%	-	(2,096,871)	(2,096,871)	-11.62%
Plant X Unit 4	314 Turbogenerators	13,769,136	-	0%	-	(1,600,063)	(1,600,063)	-11.62%
Plant X Unit 4	315 Accessory Electric Equipment	1,813,628	-	0%	-	(210,758)	(210,758)	-11.62%
Plant X Unit 4	316 Miscellaneous Power Plant Equipment	164,046	-	0%	-	(19,063)	(19,063)	-11.62%
	Plant X Unit 4 - Total/Composite	35,627,522	-	-	-	(4,140,200)	(4,140,200)	-11.62%
Rvreview	310 Land Rights	1,245	-	0%	-	-	-	0.00%
	Rvreview - Total/Composite	1,245	-	-	-	-	-	0.00%
Tolk Common Facilities	310 Water Rights	10,220,448	-	0%	-	-	-	0.00%
Tolk Common Facilities	311 Structures and Improvements	31,860,962	-	0%	-	(40,524,813)	(40,524,813)	-127.19%
Tolk Common Facilities	312 Boiler Plant Equipment	16,865,777	-	0%	-	(21,452,035)	(21,452,035)	-127.19%
Tolk Common Facilities	314 Turbogenerators	11,467,141	-	0%	-	(14,585,364)	(14,585,364)	-127.19%
Tolk Common Facilities	315 Accessory Electric Equipment	-	-	0%	-	-	-	-127.19%
Tolk Common Facilities	316 Miscellaneous Power Plant Equipment	3,408,289	-	0%	-	(4,332,550)	(4,332,550)	-127.19%
	Tolk Common Facilities - Total/Composite	73,820,616	-	-	-	(80,894,762)	(80,894,762)	-109.58%

Southwestern Public Service Company
Computation of Composite Net Salvage
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Tolk 1	310 Land Rights	19,917	-	0%	-	-	-	0.00%
Tolk 1	311 Structures and Improvements	19,801,317	-	0%	-	(993,612)	(993,612)	-5.02%
Tolk 1	312 Boiler Plant Equipment	191,862,522	-	0%	-	(9,627,489)	(9,627,489)	-5.02%
Tolk 1	314 Turbogenerators	61,261,005	-	0%	-	(3,074,022)	(3,074,022)	-5.02%
Tolk 1	315 Accessory Electric Equipment	3,587,978	-	0%	-	(180,041)	(180,041)	-5.02%
Tolk 1	316 Miscellaneous Power Plant Equipment	521,526	-	0%	-	(26,170)	(26,170)	-5.02%
	Tolk 1- Total/Composite	277,054,265	-	-	-	(13,901,335)	(13,901,335)	-5.02%
Tolk 2	310 Land Rights	277,377	-	0%	-	-	-	0.00%
Tolk 2	311 Structures and Improvements	9,713,838	-	0%	-	(440,839)	(440,839)	-4.54%
Tolk 2	312 Boiler Plant Equipment	210,860,524	-	0%	-	(9,569,396)	(9,569,396)	-4.54%
Tolk 2	314 Turbogenerators	79,132,275	-	0%	-	(3,591,227)	(3,591,227)	-4.54%
Tolk 2	315 Accessory Electric Equipment	3,292,957	-	0%	-	(149,443)	(149,443)	-4.54%
Tolk 2	316 Miscellaneous Power Plant Equipment	2,241,379	-	0%	-	(101,720)	(101,720)	-4.54%
	Tolk 2- Total/Composite	305,518,350	-	-	-	(13,852,625)	(13,852,625)	-4.53%
Tolk Common Retrng 2055	310 Water Rights TX	-	-	0%	-	-	-	0.00%
Tolk Common Retrng 2055	311 Structures and Improvements	5,740,159	-	0%	-	(1,842,540)	(1,842,540)	-32.10%
Tolk Common Retrng 2055	312 Boiler Plant Equipment	481,278	-	0%	-	(154,486)	(154,486)	-32.10%
Tolk Common Retrng 2055	314 Turbogenerators	1,937,671	-	0%	-	(621,975)	(621,975)	-32.10%
Tolk Common Retrng 2055	315 Accessory Electric Equipment	22,551	-	0%	-	(7,239)	(7,239)	-32.10%
Tolk Common Retrng 2055	316 Miscellaneous Power Plant Equipment	3,736,234	-	0%	-	(1,199,298)	(1,199,298)	-32.10%
	Tolk Common Facilites - Total/Composite	11,917,894	-	-	-	(3,825,538)	(3,825,538)	-32.10%
Tolk 1 Retrng 2055	310 Land Rights TX	-	-	0%	-	-	-	0.00%
Tolk 1 Retrng 2055	311 Structures and Improvements	12,374,235	-	0%	-	(620,883)	(620,883)	-5.02%
Tolk 1 Retrng 2055	312 Boiler Plant Equipment	7,127,683	-	0%	-	(357,635)	(357,635)	-5.02%
Tolk 1 Retrng 2055	314 Turbogenerators	15,404,390	-	0%	-	(772,923)	(772,923)	-5.02%
Tolk 1 Retrng 2055	315 Accessory Electric Equipment	12,860,737	-	0%	-	(645,294)	(645,294)	-5.02%
Tolk 1 Retrng 2055	316 Miscellaneous Power Plant Equipment	199,904	-	0%	-	(10,030)	(10,030)	-5.02%
	Tolk 1- Total/Composite	47,966,949	-	-	-	(2,406,765)	(2,406,765)	-5.02%
Tolk 2 Retrng 2055	310 Land Rights TX	-	-	0%	-	-	-	0.00%
Tolk 2 Retrng 2055	311 Structures and Improvements	8,645,191	-	0%	-	(391,985)	(391,985)	-4.53%
Tolk 2 Retrng 2055	312 Boiler Plant Equipment	8,030,975	-	0%	-	(364,136)	(364,136)	-4.53%
Tolk 2 Retrng 2055	314 Turbogenerators	27,246,385	-	0%	-	(1,235,389)	(1,235,389)	-4.53%
Tolk 2 Retrng 2055	315 Accessory Electric Equipment	8,914,265	-	0%	-	(404,185)	(404,185)	-4.53%
Tolk 2 Retrng 2055	316 Miscellaneous Power Plant Equipment	1,318,439	-	0%	-	(59,780)	(59,780)	-4.53%
	Tolk 2- Total/Composite	54,155,264	-	-	-	(2,455,475)	(2,455,475)	-4.53%
	Total Steam Production Plant	1,880,462,991	0	0	0	(277,827,500)	(277,827,500)	-14.77%

Southwestern Public Service Company
Computation of Composite Net Salvage
At December 31, 2018

Production Unit	FERC Account Description	Plant Balance 12/31/2018	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Other Production								
Blackhawk	342 Fuel Holders and Accessory Equipment	4,054,689	-	0%	-	(616,706)	(616,706)	-15.21%
	Blackhawk - Total/Composite	4,054,689	-	-	-	(616,706)	(616,706)	-15.21%
Carlsbad	Carlsbad							
Cunningham	341 Structures and Improvements	588,074	-	0%	-	(8,443)	(8,443)	-1.44%
Cunningham	342 Fuel Holders and Accessory Equipment	1,502,692	-	0%	-	(21,573)	(21,573)	-1.44%
Cunningham	343 Prime Movers	50,206,735	-	0%	-	(720,788)	(720,788)	-1.44%
Cunningham	344 Generators	13,132,851	-	0%	-	(188,540)	(188,540)	-1.44%
Cunningham	345 Accessory Electric Equipment	5,919,580	-	0%	-	(84,984)	(84,984)	-1.44%
Cunningham	346 Miscellaneous Power Plant Equipment	1,140,410	-	0%	-	(16,372)	(16,372)	-1.44%
	Cunningham - Total/Composite	72,490,341	-	-	-	(1,040,700)	(1,040,700)	-1.44%
Jones Unit 3	341 Structures and Improvements	4,748,588	-	0%	-	(28,065)	(28,065)	-0.59%
Jones Unit 3	342 Fuel Holders and Accessory Equipment	(0)	-	0%	-	0	0	-0.59%
Jones Unit 3	343 Prime Movers	10,724	-	0%	-	(63)	(63)	-0.59%
Jones Unit 3	344 Generators	66,479,720	-	0%	-	(392,902)	(392,902)	-0.59%
Jones Unit 3	345 Accessory Electric Equipment	10,399,410	-	0%	-	(61,462)	(61,462)	-0.59%
Jones Unit 3	346 Miscellaneous Power Plant Equipment	1,591,994	-	0%	-	(9,409)	(9,409)	-0.59%
	Jones Unit 3 - Total/Composite	83,230,435	-	-	-	(491,900)	(491,900)	-0.59%
Jones Unit 4	341 Structures and Improvements	6,505,115	-	0%	-	(38,251)	(38,251)	-0.59%
Jones Unit 4	342 Fuel Holders and Accessory Equipment	-	-	0%	-	-	-	-0.59%
Jones Unit 4	343 Prime Movers	-	-	0%	-	-	-	-0.59%
Jones Unit 4	344 Generators	65,249,124	-	0%	-	(383,672)	(383,672)	-0.59%
Jones Unit 4	345 Accessory Electric Equipment	10,703,795	-	0%	-	(62,939)	(62,939)	-0.59%
Jones Unit 4	346 Miscellaneous Power Plant Equipment	1,196,889	-	0%	-	(7,038)	(7,038)	-0.59%
	Jones Unit 4 - Total/Composite	83,654,923	-	-	-	(491,900)	(491,900)	-0.59%
Maddox	341 Structures and Improvements	1,643,938	-	0%	-	(91,547)	(91,547)	-5.57%
Maddox	342 Fuel Holders and Accessory Equipment	512,886	-	0%	-	(28,562)	(28,562)	-5.57%
Maddox	343 Prime Movers	-	-	0%	-	-	-	-5.57%
Maddox	344 Generators	15,428,875	-	0%	-	(859,200)	(859,200)	-5.57%
Maddox	345 Accessory Electric Equipment	1,627,920	-	0%	-	(90,655)	(90,655)	-5.57%
Maddox	346 Miscellaneous Power Plant Equipment	169,443	-	0%	-	(9,436)	(9,436)	-5.57%
	Maddox - Total/Composite	19,383,062	-	-	-	(1,079,400)	(1,079,400)	-5.57%
Quay County	341 Structures and Improvements	916,182	-	0%	-	(17,958)	(17,958)	-1.96%
Quay County	342 Fuel Holders and Accessory Equipment	1,575	-	0%	-	(31)	(31)	-1.96%
Quay County	343 Prime Movers	4,620,155	-	0%	-	(90,561)	(90,561)	-1.96%
Quay County	344 Generators	17,151,429	-	0%	-	(336,191)	(336,191)	-1.96%
Quay County	345 Accessory Electric Equipment	3,065,104	-	0%	-	(60,080)	(60,080)	-1.96%
Quay County	346 Miscellaneous Power Plant Equipment	846,793	-	0%	-	(12,678)	(12,678)	-1.96%
	Quay County - Total/Composite	26,401,239	-	-	-	(517,500)	(517,500)	-1.96%
Riverview	340 Land and Water Rights	676	-	0%	-	-	-	0.00%
	Riverview - Total/Composite	676	-	-	-	-	-	0.00%
	Total Other Production Plant	289,215,365	0	0	0	(4,238,106)	(4,238,106)	-1.47%
	Total Generation	2,169,678,356	0	0	0	(282,065,606)	(282,065,606)	-13.00%
Proforma Other Production								
Proforma Additions								
Hale Wind Project	341 Structures and Improvements			0%	0		0	-1.71%
Hale Wind Project	342 Fuel Holders and Accessory Equipment			0%	0		0	-1.71%
Hale Wind Project	343 Prime Movers			0%	0		0	-1.71%
Hale Wind Project	344 Generators			0%	0		0	-1.71%
Hale Wind Project	345 Accessory Electric Equipment			0%	0		0	-1.71%
Hale Wind Project	346 Miscellaneous Power Plant Equipment			0%	0		0	-1.71%
	Hale Wind Project - Total/Composite	681,773,668	-	-	-	(11,658,400)	(11,658,400)	-1.71%
	Total Proforma Other Production Plant	681,773,668	0	0	0	(11,658,400)	(11,658,400)	-1.71%

Southwestern Public Service Company
Workpapers of Dane A. Watson

2019 TX Rate Case
APPLICATION OF
SOUTHWESTERN PUBLIC SERVICE COMPANY
FOR AUTHORITY TO CHANGE RATES

DAW-RR-3(CD)

Current and Proposed Life and Net Salvage
Parameters Technical Update

Appendix C-1

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters-Production and Other Production Plant
At June 30, 2020

Generating Unit	FERC Account	Description	Interim Retirement ASU and Current			Approved (A)			Proposed			Difference			
			Retirement Date	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Net Salvage %	Total Net Salvage %	Interim Retirement ASU	Interim Net Salvage %	Total Net Salvage %	
Harrington Unit 2 Gas	312	Boiler Plant Equipment	2038	NA	-5.00%	2038	NA	-5.00%	2038	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 2 Gas	314	Turbogenerators	2038	NA	-5.00%	2038	NA	-5.00%	2038	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 2 Gas	315	Accessory Electric Equipment	2038	NA	-5.00%	2038	NA	-5.00%	2038	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 2 Gas	316	Miscellaneous Power Plant Equipment	2038	NA	-5.00%	2038	NA	-5.00%	2038	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 3 Gas	311	Structures and Improvements	2040	NA	-5.00%	2040	NA	-5.00%	2040	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 3 Gas	312	Boiler Plant Equipment	2040	NA	-5.00%	2040	NA	-5.00%	2040	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 3 Gas	314	Turbogenerators	2040	NA	-5.00%	2040	NA	-5.00%	2040	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 3 Gas	315	Accessory Electric Equipment	2040	NA	-5.00%	2040	NA	-5.00%	2040	NA	-5.00%	0	NA	0.00%	0.00%
Harrington Unit 3 Gas	316	Miscellaneous Power Plant Equipment	2040	NA	-5.00%	2040	NA	-5.00%	2040	NA	-5.00%	0	NA	0.00%	0.00%
Jones Common Facilities	311	Structures and Improvements	2058	NA	-5.00%	2058	NA	-5.00%	2058	NA	-5.00%	0	NA	0.00%	0.00%
Jones Common Facilities	312	Boiler Plant Equipment	2058	NA	-5.00%	2058	NA	-5.00%	2058	NA	-5.00%	0	NA	0.00%	0.00%
Jones Common Facilities	314	Turbogenerators	2058	NA	-5.00%	2058	NA	-5.00%	2058	NA	-5.00%	0	NA	0.00%	0.00%
Jones Common Facilities	315	Accessory Electric Equipment	2058	NA	-5.00%	2058	NA	-5.00%	2058	NA	-5.00%	0	NA	0.00%	0.00%
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	2058	NA	-5.00%	2058	NA	-5.00%	2058	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 1	310	Land Rights	2031	NA	0.00%	2031	NA	0.00%	2031	NA	0.00%	0	NA	0.00%	0.00%
Jones Unit 1	311	Structures and Improvements	2031	NA	-5.00%	2031	NA	-5.00%	2031	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 1	312	Boiler Plant Equipment	2031	NA	-5.00%	2031	NA	-5.00%	2031	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 1	314	Turbogenerators	2031	NA	-5.00%	2031	NA	-5.00%	2031	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 1	315	Accessory Electric Equipment	2031	NA	-5.00%	2031	NA	-5.00%	2031	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 1	316	Miscellaneous Power Plant Equipment	2031	NA	-5.00%	2031	NA	-5.00%	2031	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 2	311	Structures and Improvements	2034	NA	-5.00%	2034	NA	-5.00%	2034	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 2	312	Boiler Plant Equipment	2034	NA	-5.00%	2034	NA	-5.00%	2034	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 2	314	Turbogenerators	2034	NA	-5.00%	2034	NA	-5.00%	2034	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 2	315	Accessory Electric Equipment	2034	NA	-5.00%	2034	NA	-5.00%	2034	NA	-5.00%	0	NA	0.00%	0.00%
Jones Unit 2	316	Miscellaneous Power Plant Equipment	2034	NA	-5.00%	2034	NA	-5.00%	2034	NA	-5.00%	0	NA	0.00%	0.00%
Meadox	310	Land Rights	2028	NA	0.00%	2028	NA	0.00%	2028	NA	0.00%	0	NA	0.00%	0.00%
Meadox	311	Structures and Improvements	2028	NA	-5.00%	2028	NA	-5.00%	2028	NA	-5.00%	0	NA	0.00%	0.00%
Meadox	312	Boiler Plant Equipment	2028	NA	-5.00%	2028	NA	-5.00%	2028	NA	-5.00%	0	NA	0.00%	0.00%
Meadox	314	Turbogenerators	2028	NA	-5.00%	2028	NA	-5.00%	2028	NA	-5.00%	0	NA	0.00%	0.00%
Meadox	315	Accessory Electric Equipment	2028	NA	-5.00%	2028	NA	-5.00%	2028	NA	-5.00%	0	NA	0.00%	0.00%
Meadox	316	Miscellaneous Power Plant Equipment	2028	NA	-5.00%	2028	NA	-5.00%	2028	NA	-5.00%	0	NA	0.00%	0.00%
Moore County	310.2	Land Rights	Retired	NA	0.00%	Retired	NA	0.00%	Retired	NA	0.00%	NA	NA	0.00%	0.00%
Moore County	310.3	Water Rights	Retired	NA	0.00%	Retired	NA	0.00%	Retired	NA	0.00%	NA	NA	0.00%	0.00%
Nichols Common Facilities	310	Land Rights	2030	NA	0.00%	2030	NA	0.00%	2030	NA	0.00%	0	NA	0.00%	0.00%
Nichols Common Facilities	311	Structures and Improvements	2030	NA	-5.00%	2030	NA	-5.00%	2030	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Common Facilities	312	Boiler Plant Equipment	2030	NA	-5.00%	2030	NA	-5.00%	2030	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Common Facilities	314	Turbogenerators	2030	NA	-5.00%	2030	NA	-5.00%	2030	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Common Facilities	315	Accessory Electric Equipment	2030	NA	-5.00%	2030	NA	-5.00%	2030	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2030	NA	-5.00%	2030	NA	-5.00%	2030	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 1	311	Structures and Improvements	2022	NA	-5.00%	2022	NA	-5.00%	2022	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 1	312	Boiler Plant Equipment	2022	NA	-5.00%	2022	NA	-5.00%	2022	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 1	314	Turbogenerators	2022	NA	-5.00%	2022	NA	-5.00%	2022	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 1	315	Accessory Electric Equipment	2022	NA	-5.00%	2022	NA	-5.00%	2022	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	2022	NA	-5.00%	2022	NA	-5.00%	2022	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 2	311	Structures and Improvements	2023	NA	-5.00%	2023	NA	-5.00%	2023	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 2	312	Boiler Plant Equipment	2023	NA	-5.00%	2023	NA	-5.00%	2023	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 2	314	Turbogenerators	2023	NA	-5.00%	2023	NA	-5.00%	2023	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 2	315	Accessory Electric Equipment	2023	NA	-5.00%	2023	NA	-5.00%	2023	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	2023	NA	-5.00%	2023	NA	-5.00%	2023	NA	-5.00%	0	NA	0.00%	0.00%
Nichols Unit 3	311	Structures and Improvements	2030	NA	-5.00%	2030	NA	-5.00%	2030	NA	-5.00%	0	NA	0.00%	0.00%

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters-Production and Other Production Plant
At June 30, 2020

Generating Unit	FERC Account	Description	Interim Retirement Approved (A)			Interim Retirement Proposed			Difference			
			Retirement Date	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Net Salvage %	Total Net Salvage %	
Nichols Unit 3	312	Boiler Plant Equipment	2030	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Nichols Unit 3	314	Turbogenerators	2030	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Nichols Unit 3	315	Accessory Electric Equipment	2030	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	2030	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Common Facilities	310	Water Rights	2027	NA	0.00%	0.00%	NA	0.00%	0.00%	NA	0.00%	0.00%
Plant X Common Facilities	311	Structures and Improvements	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Common Facilities	312	Boiler Plant Equipment	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Common Facilities	314	Turbogenerators	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Common Facilities	315	Accessory Electric Equipment	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 1	311	Structures and Improvements	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 1	312	Boiler Plant Equipment	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 1	314	Turbogenerators	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 1	315	Accessory Electric Equipment	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 1	316	Miscellaneous Power Plant Equipment	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 2	311	Structures and Improvements	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 2	312	Boiler Plant Equipment	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 2	314	Turbogenerators	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 2	315	Accessory Electric Equipment	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	2019	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 3	311	Structures and Improvements	2024	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 3	312	Boiler Plant Equipment	2024	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 3	314	Turbogenerators	2024	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 3	315	Accessory Electric Equipment	2024	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	2024	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 4	311	Structures and Improvements	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 4	312	Boiler Plant Equipment	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 4	314	Turbogenerators	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 4	315	Accessory Electric Equipment	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	2027	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Riverview	310	Land Rights	Retired	NA	0.00%	0.00%	NA	0.00%	0.00%	NA	0.00%	0.00%
Toik Common Facilities	310	Water Rights	2037	NA	0.00%	0.00%	NA	0.00%	0.00%	NA	0.00%	0.00%
Toik Common Facilities	311	Structures and Improvements	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik Common Facilities	312	Boiler Plant Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik Common Facilities	314	Turbogenerators	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik Common Facilities	315	Accessory Electric Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik Common Facilities	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 1	310	Land Rights	2037	NA	0.00%	0.00%	NA	0.00%	0.00%	NA	0.00%	0.00%
Toik 1	311	Structures and Improvements	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 1	312	Boiler Plant Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 1	314	Turbogenerators	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 1	315	Accessory Electric Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 1	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 2	310	Land Rights	2037	NA	0.00%	0.00%	NA	0.00%	0.00%	NA	0.00%	0.00%
Toik 2	311	Structures and Improvements	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 2	312	Boiler Plant Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 2	314	Turbogenerators	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 2	315	Accessory Electric Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik 2	316	Miscellaneous Power Plant Equipment	2037	NA	0.00%	-5.00%	NA	0.00%	-5.00%	NA	0.00%	0.00%
Toik Common Facilities Retiring 2055	310	Water Rights	2055	NA	0.00%	0.00%	NA	0.00%	0.00%	NA	0.00%	0.00%

Current and Proposed Life and Net Salvage
Parameters Technical Update

Appendix C-1

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters-Production and Other Production Plant
At June 30, 2020

Generating Unit	FEBC Account	Description	Approved (A)				Proposed				Difference					
			Retirement Date	Interim Retirement ASU and Curv	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Retirement ASU and Curv	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim Retirement ASU and Curv	Interim Net Salvage %	Total Net Salvage %		
Tolk Common Facilities Retiring 2055	311	Structures and Improvements	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk Common Facilities Retiring 2055	312	Boiler Plant Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk Common Facilities Retiring 2055	314	Turbogenerators	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk Common Facilities Retiring 2055	315	Accessory Electric Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk Common Facilities Retiring 2055	316	Miscellaneous Power Plant Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 1 Retiring 2055	310	Land Rights	2055	NA	0.00%	0.00%	0.00%	2055	NA	0.00%	0.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 1 Retiring 2055	311	Structures and Improvements	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 1 Retiring 2055	312	Boiler Plant Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 1 Retiring 2055	314	Turbogenerators	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 1 Retiring 2055	315	Accessory Electric Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 2 Retiring 2055	310	Land Rights	2055	NA	0.00%	0.00%	0.00%	2055	NA	0.00%	0.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 2 Retiring 2055	311	Structures and Improvements	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 2 Retiring 2055	312	Boiler Plant Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 2 Retiring 2055	314	Turbogenerators	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 2 Retiring 2055	315	Accessory Electric Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Tolk 2 Retiring 2055	316	Miscellaneous Power Plant Equipment	2055	NA	0.00%	-5.00%	0.00%	2055	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Other Production																
Blackhawk	342	Fuel Holders and Accessory Equipment	2034	NA	0.00%	-5.00%	(B)	2034	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Cunningham	341	Structures and Improvements	2040	NA	0.00%	-5.00%	0.00%	2040	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Cunningham	342	Fuel Holders and Accessory Equipment	2040	NA	0.00%	-5.00%	0.00%	2040	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Cunningham	343	Prime Movers	2040	NA	0.00%	-5.00%	0.00%	2040	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Cunningham	344	Generators	2040	NA	0.00%	-5.00%	0.00%	2040	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Cunningham	345	Accessory Electric Equipment	2040	NA	0.00%	-5.00%	0.00%	2040	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%
Cunningham	346	Miscellaneous Power Plant Equipment	2040	NA	0.00%	-5.00%	0.00%	2040	NA	0.00%	-5.00%	0.00%	NA	NA	0.00%	0.00%

Current and Proposed Life and Net Salvage
Parameters Technical Update

Appendix C-1

Southwestern Public Service Company - Texas
Comparison of Depreciation Parameters-Production and Other Production Plant
At June 30, 2020

Generating Unit	FERC Account	Description	Approved (A)				Proposed				Difference						
			Retirement Date	Interim ASL and Curv	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim ASL and Curv	Interim Net Salvage %	Total Net Salvage %	Retirement Date	Interim ASL	Interim Net Salvage %	Total Net Salvage %			
Hale Wind Project	340.45	Wind Rights	2044	NA	0.00%	0.00%	0.00%	2044	NA	0.00%	0.00%	0.00%	0.00%	NA	0.00%	0.00%	0.00%
Hale Wind Project	341	Structures and Improvements	2044	NA	0.00%	-1.71%	-1.71%	2044	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.00%	0.00%
Hale Wind Project	342	Fuel Holders and Accessory Equipment	2044	NA	0.00%	-1.71%	-1.71%	2044	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.00%	0.00%
Hale Wind Project	343	Prime Movers	2044	NA	0.00%	-1.71%	-1.71%	2044	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.00%	0.00%
Hale Wind Project	344	Generators	2044	NA	0.00%	-1.71%	-1.71%	2044	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.00%	0.00%
Hale Wind Project	345	Accessory Electric Equipment	2044	NA	0.00%	-1.71%	-1.71%	2044	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.00%	0.00%
Hale Wind Project	346	Miscellaneous Power Plant Equipment	2044	NA	0.00%	-1.71%	-1.71%	2044	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 3	341	Structures and Improvements	2056	NA	0.00%	-5.00%	-5.00%	2056	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 3	342	Fuel Holders and Accessory Equipment	2056	NA	0.00%	-5.00%	-5.00%	2056	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 3	343	Prime Movers	2056	NA	0.00%	-5.00%	-5.00%	2056	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 3	344	Generators	2056	NA	0.00%	-5.00%	-5.00%	2056	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 3	345	Accessory Electric Equipment	2056	NA	0.00%	-5.00%	-5.00%	2056	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 3	346	Miscellaneous Power Plant Equipment	2056	NA	0.00%	-5.00%	-5.00%	2056	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 4	341	Structures and Improvements	2058	NA	0.00%	-5.00%	-5.00%	2058	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 4	342	Fuel Holders and Accessory Equipment	2058	NA	0.00%	-5.00%	-5.00%	2058	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 4	343	Prime Movers	2058	NA	0.00%	-5.00%	-5.00%	2058	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 4	344	Generators	2058	NA	0.00%	-5.00%	-5.00%	2058	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 4	345	Accessory Electric Equipment	2058	NA	0.00%	-5.00%	-5.00%	2058	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Jones Unit 4	346	Miscellaneous Power Plant Equipment	2058	NA	0.00%	-5.00%	-5.00%	2058	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Maddox	341	Structures and Improvements	2025	NA	0.00%	-5.00%	-5.00%	2025	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Maddox	342	Fuel Holders and Accessory Equipment	2025	NA	0.00%	-5.00%	-5.00%	2025	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Maddox	343	Prime Movers	2025	NA	0.00%	-5.00%	-5.00%	2025	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Maddox	344	Generators	2025	NA	0.00%	-5.00%	-5.00%	2025	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Maddox	345	Accessory Electric Equipment	2025	NA	0.00%	-5.00%	-5.00%	2025	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Maddox	346	Miscellaneous Power Plant Equipment	2025	NA	0.00%	-5.00%	-5.00%	2025	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Quay County	341	Structures and Improvements	2034	NA	0.00%	-5.00%	-5.00%	2034	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Quay County	342	Fuel Holders and Accessory Equipment	2034	NA	0.00%	-5.00%	-5.00%	2034	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Quay County	343	Prime Movers	2034	NA	0.00%	-5.00%	-5.00%	2034	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Quay County	344	Generators	2034	NA	0.00%	-5.00%	-5.00%	2034	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Quay County	345	Accessory Electric Equipment	2034	NA	0.00%	-5.00%	-5.00%	2034	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Quay County	346	Miscellaneous Power Plant Equipment	2034	NA	0.00%	-5.00%	-5.00%	2034	NA	0.00%	-5.00%	-5.00%	0.00%	NA	0.00%	0.00%	0.00%
Riverview	340	Land and Water Rights	Retired	NA	0.00%	0.00%	0.00%	Retired	NA	0.00%	0.00%	0.00%	0.00%	NA	0.00%	0.00%	0.00%
Proforma Other Production																	
Sagamore Wind Project	340.45	Wind Rights	2050	NA	0.00%	0.00%	0.00%	2045	NA	0.00%	0.00%	0.00%	0.00%	NA	0.00%	0.00%	0.00%
Sagamore Wind Project	341	Structures and Improvements	2050	NA	0.00%	-2.00%	-2.00%	2045	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.29%	0.29%
Sagamore Wind Project	342	Fuel Holders and Accessory Equipment	2050	NA	0.00%	-2.00%	-2.00%	2045	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.29%	0.29%
Sagamore Wind Project	343	Prime Movers	2050	NA	0.00%	-2.00%	-2.00%	2045	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.29%	0.29%
Sagamore Wind Project	344	Generators	2050	NA	0.00%	-2.00%	-2.00%	2045	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.29%	0.29%
Sagamore Wind Project	345	Accessory Electric Equipment	2050	NA	0.00%	-2.00%	-2.00%	2045	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.29%	0.29%
Sagamore Wind Project	346	Miscellaneous Power Plant Equipment	2050	NA	0.00%	-2.00%	-2.00%	2045	NA	0.00%	-1.71%	-1.71%	0.00%	NA	0.00%	0.29%	0.29%

Notes:
 (A) Approved life and net salvage from Docket 46931 in Certification of Stipulation, unless noted otherwise.
 (B) SPS owns the Blackhawk pipeline, but does not own the Blackhawk plant. SPS has a purchase power agreement for power from the Blackhawk plant.
 (C) Since property records do not distinguish between Maddox Unit 2 and Maddox Unit 3, the longer retirement date of Maddox 3 is used to model that facility.
 (D) Approved life and retirement date from Texas Wind CCN Docket 46936.
 (E) Harrington will be converted from coal to gas in 2024, so coal-related assets retire in 2024. Remaining gas-related assets will retain currently approved terminal retirement dates.

*Other: Moore County and Riverview were retired in 2013. Carlsbad was retired in 2017.

Current and Proposed Life and Net Salvage
Parameters Technical Update

Appendix C-2

Southwestern Public Service Company - Texas
Transmission, Distribution and General Plant
Comparison of Depreciation Parameters
At June 30, 2020

FERC Account	Description	Settled (A)			Proposed			Average Service Life	Net Salvage %
		Average Service Life	Iowa Curve	Net Salvage %	Average Service Life	Iowa Curve	Net Salvage %		
Intangible Plant									
303	Software - 3 Year	3	SQ	0.00%	3	SQ	0.00%	0	0.00%
303	Software - 5 Year	5	SQ	0.00%	5	SQ	0.00%	0	0.00%
303	Software - 7 Year	7	SQ	0.00%	7	SQ	0.00%	0	0.00%
303	Software - 10 Year	10	SQ	0.00%	10	SQ	0.00%	0	0.00%
303	Software - 15 Year	15	SQ	0.00%	15	SQ	0.00%	0	0.00%
Transmission									
350.2	Land Rights	80	R4	0.00%	80	R4	0.00%	0	0.00%
352	Structures & Improvements	65	R4	-10.00%	65	R4	-20.00%	0	-10.00%
353	Station Equipment	53	R1.5	-20.00%	53	R1.5	-20.00%	0	0.00%
354	Towers & Fixtures	75	R4	-5.00%	75	R4	-5.00%	0	0.00%
355	Poles & Fixtures	51	R2.5	-40.00%	51	R2.5	-75.00%	0	-35.00%
356	Overhead Conductors & Devices	50	R2	-40.00%	50	R2	-45.00%	0	-5.00%
357	Underground Conduit	75	R3	0.00%	75	R3	0.00%	0	0.00%
358	Underground Conductor & Devices	45	R3	0.00%	45	R3	0.00%	0	0.00%
359	Roads and Trails	65	R4	0.00%	65	R4	0.00%	0	0.00%
Distribution									
360.2	Land Rights	70	R4	0.00%	70	R4	0.00%	0	0.00%
361	Structures & Improvements	60	R1.5	-10.00%	70	R1.5	-10.00%	10	0.00%
362	Station Equipment	55	R1.5	-15.00%	55	R1.5	-25.00%	0	-10.00%
364	Poles, Towers & Fixtures	53	R0.5	-50.00%	53	R0.5	-75.00%	0	-25.00%
365	Overhead Conductors & Devices	47	R0.5	-40.00%	47	R0.5	-50.00%	0	-10.00%
366	Underground Conduit	60	R2.5	-20.00%	68	R2.5	-20.00%	8	0.00%
367	Underground Conductor & Devices	47	R1.5	-20.00%	53	R1	-30.00%	6	-10.00%
368	Line Transformers	45	R1	-20.00%	46	R1	-10.00%	1	10.00%
369	Services	47	R1.5	-40.00%	48	R1.5	-40.00%	1	0.00%
370	Meters	39	R2	-10.00%	30	R2	-10.00%	-9	0.00%
371	Installations on Customers' Premises	26	R0.5	-20.00%	26	R0.5	-15.00%	0	5.00%
373	Street Lighting & Signal Systems	40	R2	-45.00%	39	R2	-60.00%	-1	-15.00%
General									
389.002	Land Rights	50	R4	0.00%	60	R4	0.00%	10	0.00%
390	Structures & Improvements	48	R1	-10.00%	53	R1	-10.00%	5	0.00%
390.007	Structures & Improvements - Tower Lease	Amortize		0.00% (B)	Amortize		0.00%		0.00%
391	Office Furniture & Equipment	25	SQ	0.00%	20	SQ	0.00%	-5	0.00%
391.04	Computer Equipment	5	SQ	0.00%	5	SQ	0.00%	0	0.00%
392.01	Transportation Equipment - Autos	10	SQ	9.00%	10	SQ	10.00%	0	1.00%
392.02	Transportation Equipment - Light Trucks	10	SQ	7.00%	10	SQ	12.00%	0	5.00%
392.03	Transportation Equipment - Trailers	15	SQ	9.00%	15	SQ	11.00%	0	2.00%
392.04	Transportation Equipment - Heavy Trucks	12	SQ	6.00%	12	SQ	11.00%	0	5.00%
393	Stores Equipment	35	SQ	0.00%	35	SQ	0.00%	0	0.00%
394	Tool, Shop & Garage Equipment	35	SQ	0.00%	35	SQ	0.00%	0	0.00%
395	Laboratory Equipment	25	SQ	0.00%	25	SQ	0.00%	0	0.00%
396	Power Operated Equipment	19	SQ	10.00%	15	SQ	25.00%	-4	15.00%
397	Communication Equipment	15	SQ	-4.00%	15	SQ	0.00%	0	4.00%
398	Miscellaneous Equipment	24	SQ	0.00%	24	SQ	0.00%	0	0.00%

Notes:

- (A) Depreciation rates were agreed to in Docket 49831 in Certification of Stipulation, unless noted otherwise. Approved lives and net salvage parameters were not specified in the stipulation agreement.
- (B) Assets amortized over the lease term.

Proposed Updated Generation Unit Retirement Dates

Appendix D

Southwestern Public Service Company
Texas
Retirement Data for all Generating Units
At June 30, 2020

Unit Name	Gross Nameplate Rating (MW)	Location	In-service Date	Current (A)		Notes	Proposed			From Current Approved	Notes
				Service Life	Depreciation Retirement Date		Depreciation Retirement Date	Service Life	Remaining Life as of June 30, 2020		
Steam Production - Gas/Oil											
Jones Unit 1	243	Lubbock, TX	1971	60	2031		2031	60	11.50	-	
Jones Unit 2	243	Lubbock, TX	1974	60	2034		2034	60	14.50	-	
Plant X Unit 1	48	Earth, TX	1952	67	2019		2019	67	0.00	-	
Plant X Unit 2	102	Earth, TX	1953	66	2019		2019	66	0.00	-	
Plant X Unit 3	103	Earth, TX	1955	69	2024		2022	67	2.50	-	(2)
Plant X Unit 4	189	Earth, TX	1964	63	2027		2027	63	7.50	-	
Steam Production - Gas											
Cunningham Unit 1	71	Hobbs, NM	1957	62	2019		2019	62	0.00	-	
Cunningham Unit 2	196	Hobbs, NM	1965	60	2025		2025	60	5.50	-	
Harrington Unit 1 Gas	346	Amarillo, TX	1976	60	2036		2036	60	16.50	-	
Harrington Unit 2 Gas	360	Amarillo, TX	1978	60	2038		2038	60	18.50	-	
Harrington Unit 3 Gas	360	Amarillo, TX	1980	60	2040		2040	60	20.50	-	
Maddox Unit 1	112	Hobbs, NM	1967	61	2028		2028	61	8.50	-	
Nichols Unit 1	107	Amarillo, TX	1960	62	2022		2022	62	2.50	-	
Nichols Unit 2	106	Amarillo, TX	1962	61	2023		2023	61	3.50	-	
Nichols Unit 3	244	Amarillo, TX	1968	62	2030		2030	62	10.50	-	
Steam Production - Coal											
Harrington Unit 1 Coal	346	Amarillo, TX	1976	60	2036		2024	48	4.50	-	(12)
Harrington Unit 2 Coal	360	Amarillo, TX	1978	60	2038		2024	46	4.50	-	(14)
Harrington Unit 3 Coal	360	Amarillo, TX	1980	60	2040		2024	44	4.50	-	(16)
Tolk Unit 1	540	Muleshoe, TX	1982	55	2037		2032	50	12.50	-	(5) (E)
Tolk Unit 2	540	Muleshoe, TX	1985	52	2037		2032	47	12.50	-	(5) (E)
Other Production - CT											
Blackhawk	Note (B)	Borger, TX	1999	35	2034	(B)	2034	35	14.50	-	
Cunningham Unit 3	110	Hobbs, NM	1997	43	2040		2040	43	20.50	-	
Cunningham Unit 4	110	Hobbs, NM	1997	43	2040		2040	43	20.50	-	
Jones Unit 3	168	Lubbock, TX	2011	45	2056		2056	45	36.50	-	
Jones Unit 4	170	Lubbock, TX	2013	45	2058		2058	45	38.50	-	
Maddox Unit 2	61	Hobbs, NM	1975	50	2025	(C)	2025	50	5.50	-	
Maddox Unit 3	10, Note (D)	Hobbs, NM	1963	62	2025	(C)	2025	62	5.50	-	
Quay County	19	Tucumcari, NM	2013	21	2034		2034	21	14.50	-	
Other Production - Wind											
Hale Wind Project	478	Hale County, TX	2019	25	2044		2044	25	24.50	-	
Pro Forma Other Production											
Sagamore Wind Project	522	Roosevelt County, NM	2020	25	2050	(F)	2045	25	NA	-	(5)

Notes:

- (A) Current Retirement Dates from Docket 49831 in Certification of Stipulation, unless noted otherwise.
- (B) SPS owns the Blackhawk pipeline, but does not own the Blackhawk plant. SPS has a purchase power agreement for power from the Blackhawk plant.
- (C) Since property records do not distinguish between Maddox Unit 2 and Maddox Unit 3, the longer retirement date of Maddox 3 is used to model that facility.
- (D) Primarily used for VAR support.
- (E) Some Tolk assets will remain after 2032 to support the transmission system with a retirement date of 2055.
- (F) Approved life and retirement date from Texas Wind CCN Docket 46936.

Other: Moore County and Riverview were retired in 2013. Carlsbad was retired in 2017.

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Steam Production										
Cunningham Common Facilities	310	Land Rights	53,100	32,882	0.00%	-	20,217	20.50	986	1.86%
Cunningham Common Facilities	311	Structures and Improvements	7,797,408	2,561,048	-5.00%	(388,870)	5,626,230	20.50	274,450	3.52%
Cunningham Common Facilities	312	Boiler Plant/Equipment	6,724,267	2,612,175	-5.00%	(336,213)	4,448,305	20.50	216,990	3.23%
Cunningham Common Facilities	314	Turbogenerators	452,061	100,781	-5.00%	(22,603)	373,884	20.50	18,238	4.03%
Cunningham Common Facilities	315	Accessory Electric Equipment	889,837	394,422	-5.00%	(44,492)	539,907	20.50	26,337	2.96%
Cunningham Common Facilities	316	Miscellaneous Power Plant Equipment	1,513,667	807,917	-5.00%	(75,683)	781,433	20.50	38,119	2.52%
Cunningham Common Facilities - Total/Composite			17,430,339	6,509,228		(868,862)	11,789,876		575,121	3.30%
Cunningham Unit 1	311	Structures and Improvements	2,390,443	2,509,965	-5.00%	(119,522)	(0)	0.00	-	6.98% (C)
Cunningham Unit 1	312	Boiler Plant/Equipment	8,188,668	8,598,102	-5.00%	(409,433)	-	0.00	-	11.82% (C)
Cunningham Unit 1	314	Turbogenerators	6,137,045	6,443,897	-5.00%	(306,852)	-	0.00	-	8.79% (C)
Cunningham Unit 1	315	Accessory Electric Equipment	935,547	982,328	-5.00%	(46,777)	-	0.00	-	12.04% (C)
Cunningham Unit 1	316	Miscellaneous Power Plant Equipment	388,513	323,939	-5.00%	(15,526)	(0)	0.00	-	18.40% (C)
Cunningham Unit 1 - Total/Composite			17,980,216	18,858,227		(898,011)	(0)		-	0.00%
Cunningham Unit 2	311	Structures and Improvements	2,344,020	1,609,562	-5.00%	(117,201)	851,670	5.50	154,849	6.61%
Cunningham Unit 2	312	Boiler Plant/Equipment	17,767,425	11,408,586	-5.00%	(887,671)	7,448,177	5.50	1,354,387	7.62%
Cunningham Unit 2	314	Turbogenerators	11,620,607	8,354,777	-5.00%	(681,025)	3,846,755	5.50	699,410	6.02%
Cunningham Unit 2	315	Accessory Electric Equipment	5,261,493	3,326,666	-5.00%	(262,575)	2,187,401	5.50	397,709	7.57%
Cunningham Unit 2	316	Miscellaneous Power Plant Equipment	134,895	68,408	-5.00%	(6,745)	75,234	5.50	13,679	10.14%
Cunningham Unit 2 - Total/Composite			37,108,342	24,853,981		(1,855,417)	14,109,777		2,565,414	6.91%
Harrington Common Facilities Coal	310	Land Rights	-	-	0.00%	-	-	0.00	-	0.00%
Harrington Common Facilities Coal	311	Structures and Improvements	1,649,218	969,904	-5.00%	(82,461)	761,776	4.50	169,283	10.26%
Harrington Common Facilities Coal	312	Boiler Plant/Equipment	5,239,113	3,486,259	-5.00%	(261,966)	2,014,810	4.50	447,736	8.55%
Harrington Common Facilities Coal	314	Turbogenerators	-	-	-5.00%	-	-	0.00	-	8.96% (A)
Harrington Common Facilities Coal	315	Accessory Electric Equipment	-	-	-5.00%	-	-	0.00	-	8.96% (A)
Harrington Common Facilities Coal	316	Miscellaneous Power Plant Equipment	-	-	-5.00%	-	-	0.00	-	8.96% (A)
Harrington Common Facilities Coal - Total/Composite			6,888,332	4,456,162		(344,417)	2,776,586		617,019	8.96%
Harrington Unit 1 Coal	311	Structures and Improvements	-	-	-5.00%	-	-	0.00	-	7.71% (A)
Harrington Unit 1 Coal	312	Boiler Plant/Equipment	22,536,289	15,845,391	-5.00%	(1,126,814)	7,817,713	4.50	1,737,270	7.71% (A)
Harrington Unit 1 Coal	314	Turbogenerators	-	-	-5.00%	-	-	0.00	-	7.71% (A)
Harrington Unit 1 Coal	315	Accessory Electric Equipment	-	-	-5.00%	-	-	0.00	-	7.71% (A)
Harrington Unit 1 Coal	316	Miscellaneous Power Plant Equipment	-	-	-5.00%	-	-	0.00	-	7.71% (A)
Harrington Unit 1 - Total/Composite			22,536,289	15,845,391		(1,126,814)	7,817,713		1,737,270	7.71%
Harrington Unit 2 Coal	311	Structures and Improvements	-	-	-5.00%	-	-	0.00	-	8.06% (A)
Harrington Unit 2 Coal	312	Boiler Plant/Equipment	21,532,235	14,796,873	-5.00%	(1,076,612)	7,811,974	4.50	1,735,984	8.06% (A)
Harrington Unit 2 Coal	314	Turbogenerators	-	-	-5.00%	-	-	0.00	-	8.06% (A)
Harrington Unit 2 Coal	315	Accessory Electric Equipment	-	-	-5.00%	-	-	0.00	-	8.06% (A)
Harrington Unit 2 Coal	316	Miscellaneous Power Plant Equipment	-	-	-5.00%	-	-	0.00	-	8.06% (A)
Harrington Unit 2 - Total/Composite			21,532,235	14,796,873		(1,076,612)	7,811,974		1,735,984	8.06%

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Harrington Unit 3 Coal	311	Structures and Improvements	-	-	-5.00%	-	-	0.00	-	679% (A)
Harrington Unit 3 Coal	312	Boiler Plant Equipment	21,431,785	15,958,561	-5.00%	(1,071,589)	6,544,814	4.50	1,454,403	679% (A)
Harrington Unit 3 Coal	314	Turbogenerators	-	-	-5.00%	-	-	0.00	-	679% (A)
Harrington Unit 3 Coal	315	Accessory Electric Equipment	-	-	-5.00%	-	-	0.00	-	679% (A)
Harrington Unit 3 Coal	316	Miscellaneous Power Plant Equipment	-	-	-5.00%	-	-	0.00	-	679% (A)
Harrington Unit 3 - Total/Composite			21,431,785	15,958,561	-5.00%	(1,071,589)	6,544,814		1,454,403	679%
Harrington Common Facilities Gas	310	Land Rights	13,705	6,892	0.00%	-	6,813	20.50	332	2.42%
Harrington Common Facilities Gas	311	Structures and Improvements	24,596,169	10,643,697	-5.00%	(1,225,308)	15,087,780	20.50	735,989	3.00%
Harrington Common Facilities Gas	312	Boiler Plant Equipment	11,133,606	4,162,198	-5.00%	(556,680)	7,528,089	20.50	367,224	3.30%
Harrington Common Facilities Gas	314	Turbogenerators	1,436,585	1,436,585	-5.00%	(156,635)	1,852,742	20.50	90,378	2.88%
Harrington Common Facilities Gas	315	Accessory Electric Equipment	1,266,658	305,515	-5.00%	(63,333)	1,024,475	20.50	49,974	3.95%
Harrington Common Facilities Gas	316	Miscellaneous Power Plant Equipment	2,629,324	1,397,889	-5.00%	(131,466)	1,363,101	20.50	66,483	2.53%
Harrington Common Facilities Gas - Total/Composite			42,682,153	17,352,376	-5.00%	(2,133,422)	26,863,000		1,310,380	3.07%
Harrington Unit 1 Gas	311	Structures and Improvements	6,984,160	4,478,481	-5.00%	(349,208)	2,853,937	16.50	172,966	2.48%
Harrington Unit 1 Gas	312	Boiler Plant Equipment	95,971,536	41,705,535	-5.00%	(4,302,088)	46,637,951	16.50	2,817,353	3.70%
Harrington Unit 1 Gas	314	Turbogenerators	4,746,474	18,146,574	-5.00%	(2,423,273)	20,718,426	16.50	1,254,602	3.70%
Harrington Unit 1 Gas	315	Accessory Electric Equipment	8,466,458	4,146,717	-5.00%	(423,273)	4,748,934	16.50	287,758	3.40%
Harrington Unit 1 Gas	316	Miscellaneous Power Plant Equipment	966,618	588,015	-5.00%	(48,531)	446,934	16.50	27,087	2.80%
Harrington Unit 1 Gas - Total/Composite			145,320,358	69,596,172	-5.00%	(7,266,518)	83,080,704		5,630,346	3.46%
Harrington Unit 2 Gas	311	Structures and Improvements	6,123,513	3,323,938	-5.00%	(306,176)	3,105,751	18.50	167,878	2.74%
Harrington Unit 2 Gas	312	Boiler Plant Equipment	94,494,104	44,397,580	-5.00%	(4,724,705)	54,821,220	18.50	2,963,309	3.14%
Harrington Unit 2 Gas	314	Turbogenerators	52,432,197	20,074,908	-5.00%	(2,621,610)	34,978,699	18.50	1,890,751	3.61%
Harrington Unit 2 Gas	315	Accessory Electric Equipment	6,311,913	2,841,555	-5.00%	(315,596)	3,785,954	18.50	204,646	3.24%
Harrington Unit 2 Gas	316	Miscellaneous Power Plant Equipment	1,546,811	942,844	-5.00%	(77,341)	681,308	18.50	36,827	2.38%
Harrington Unit 2 Gas - Total/Composite			160,908,538	71,580,834	-5.00%	(8,045,427)	97,373,131		5,263,412	3.27%
Harrington Unit 3 Gas	311	Structures and Improvements	9,579,196	5,164,272	-5.00%	(478,960)	4,893,884	20.50	238,726	2.49%
Harrington Unit 3 Gas	312	Boiler Plant Equipment	96,056,585	46,084,366	-5.00%	(4,802,529)	54,775,048	20.50	2,671,954	2.78%
Harrington Unit 3 Gas	314	Turbogenerators	55,165,918	24,175,760	-5.00%	(2,758,296)	33,748,455	20.50	1,646,266	2.98%
Harrington Unit 3 Gas	315	Accessory Electric Equipment	6,051,805	2,857,425	-5.00%	(302,590)	3,496,970	20.50	170,584	2.82%
Harrington Unit 3 Gas	316	Miscellaneous Power Plant Equipment	1,875,749	1,058,949	-5.00%	(93,787)	910,588	20.50	44,419	2.37%
Harrington Unit 3 Gas - Total/Composite			168,729,254	79,340,771	-5.00%	(6,436,463)	97,824,945		4,771,949	2.83%
Jones Common Facilities	311	Structures and Improvements	9,146,717	2,479,667	-5.00%	(457,336)	7,124,386	38.50	185,049	2.02%
Jones Common Facilities	312	Boiler Plant Equipment	12,712,390	3,462,084	-5.00%	(635,620)	9,885,915	38.50	256,777	2.02%
Jones Common Facilities	314	Turbogenerators	7,921,581	2,788,937	-5.00%	(396,079)	5,528,723	38.50	143,603	1.81%
Jones Common Facilities	315	Accessory Electric Equipment	2,949,892	581,294	-5.00%	(147,495)	2,516,092	38.50	65,353	2.22%
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,684,328	1,149,718	-5.00%	(184,216)	2,718,626	38.50	70,619	1.92%
Jones Common Facilities - Total/Composite			36,414,908	10,461,711	-5.00%	(1,820,745)	27,773,942		721,401	1.98%

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Jones Unit 1	310	Land Rights	108,562	62,651	0.00%	-	45,910	11.50	3,982	3.68%
Jones Unit 1	311	Structures and Improvements	4,986,143	3,146,769	-5.00%	(249,307)	2,088,881	11.50	181,624	3.64%
Jones Unit 1	312	Boiler Plant/Equipment	23,088,339	11,531,458	-5.00%	(1,154,417)	12,711,298	11.50	1,105,330	4.79%
Jones Unit 1	314	Turbogenerators	22,922,427	11,006,260	-5.00%	(1,146,106)	13,061,973	11.50	1,135,824	4.96%
Jones Unit 1	315	Accessory Electric Equipment	2,767,418	1,249,278	-5.00%	(138,371)	1,656,511	11.50	144,044	5.21%
Jones Unit 1	316	Miscellaneous Power Plant Equipment	756,086	558,589	-5.00%	(37,604)	235,291	11.50	20,460	2.71%
Jones Unit 1 - Total/Composite			54,628,673	27,555,015		(2,726,006)	28,799,664		2,591,275	4.74%
Jones Unit 2	311	Structures and Improvements	2,103,978	1,233,358	-5.00%	(105,199)	975,819	14.50	67,288	3.20%
Jones Unit 2	312	Boiler Plant/Equipment	18,413,931	9,025,531	-5.00%	(920,697)	10,309,096	14.50	710,972	3.86%
Jones Unit 2	314	Turbogenerators	23,574,447	10,232,028	-5.00%	(1,178,722)	14,521,142	14.50	1,001,458	4.25%
Jones Unit 2	315	Accessory Electric Equipment	3,403,934	1,211,764	-5.00%	(170,197)	2,362,348	14.50	162,921	4.79%
Jones Unit 2	316	Miscellaneous Power Plant Equipment	588,526	406,288	-5.00%	(29,926)	222,164	14.50	15,322	2.58%
Jones Unit 2 - Total/Composite			48,094,816	22,105,988		(2,404,741)	28,380,569		1,957,970	4.07%
Maddox	310	Land Rights	19,971	14,215	0.00%	-	5,756	8.50	677	3.39%
Maddox	311	Structures and Improvements	5,036,696	2,816,966	-5.00%	(251,635)	2,469,557	8.50	290,334	5.77%
Maddox	312	Boiler Plant/Equipment	13,289,261	6,894,661	-5.00%	(689,463)	6,383,956	8.50	751,228	5.66%
Maddox	314	Turbogenerators	13,289,261	6,894,661	-5.00%	(689,463)	6,383,956	8.50	751,228	5.66%
Maddox	315	Accessory Electric Equipment	6,688,198	3,702,023	-5.00%	(334,910)	3,330,986	8.50	391,775	5.85%
Maddox	316	Miscellaneous Power Plant Equipment	963,849	572,468	-5.00%	(48,192)	438,583	8.50	51,716	5.37%
Maddox - Total/Composite			45,765,628	24,802,328		(2,287,283)	23,250,263		2,735,363	5.98%
Moore County	310.2	Land Rights	463	463	0.00%	-	-	0.00	-	0.00%
Moore County	310.3	Water Rights	17,164	17,164	0.00%	-	-	0.00	-	0.00%
Moore County - Total/Composite			17,627	17,627		-	-	-	-	0.00%
Nichols Common Facilities	310	Land Rights	676,746	338,481	0.00%	-	338,265	10.50	32,216	4.76%
Nichols Common Facilities	311	Structures and Improvements	52,278,168	27,890,962	-5.00%	(2,613,908)	27,001,114	10.50	2,571,535	4.92%
Nichols Common Facilities	312	Boiler Plant/Equipment	10,745,588	4,443,110	-5.00%	(537,279)	6,839,758	10.50	651,406	6.06%
Nichols Common Facilities	314	Turbogenerators	3,362,566	1,937,707	-5.00%	(168,228)	1,592,986	10.50	151,713	4.51%
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724	1,299,764	-5.00%	(114,936)	1,113,896	10.50	106,085	4.61%
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,339,803	1,504,357	-5.00%	(116,990)	952,436	10.50	90,708	3.88%
Nichols Common Facilities - Total/Composite			71,701,694	37,414,380		(3,351,242)	37,838,456		3,603,662	5.03%
Nichols Unit 1	311	Structures and Improvements	2,079,418	1,701,665	-5.00%	(103,971)	481,723	2.50	192,689	9.27%
Nichols Unit 1	312	Boiler Plant/Equipment	11,136,167	8,805,514	-5.00%	(556,608)	2,887,462	2.50	1,154,985	10.37%
Nichols Unit 1	314	Turbogenerators	10,028,558	8,111,785	-5.00%	(501,428)	2,418,201	2.50	967,280	9.65%
Nichols Unit 1	315	Accessory Electric Equipment	2,366,643	1,824,407	-5.00%	(118,332)	660,568	2.50	264,227	11.16%
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700	191,572	-5.00%	(11,735)	54,863	2.50	21,945	9.35%
Nichols Unit 1 - Total/Composite			25,845,487	20,634,943		(1,292,274)	6,502,817		2,601,127	10.06%
Nichols Unit 2	311	Structures and Improvements	1,108,535	933,375	-5.00%	(55,427)	230,587	3.50	66,882	5.94%
Nichols Unit 2	312	Boiler Plant/Equipment	12,559,512	9,060,284	-5.00%	(627,976)	4,127,204	3.50	1,179,201	9.39%
Nichols Unit 2	314	Turbogenerators	12,282,147	9,050,284	-5.00%	(614,107)	3,845,970	3.50	1,098,849	8.95%
Nichols Unit 2	315	Accessory Electric Equipment	1,088,609	831,014	-5.00%	(51,930)	259,526	3.50	74,150	7.14%
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	206,316	176,606	-5.00%	(10,318)	140,225	3.50	40,007	19.39%
Nichols Unit 2 - Total/Composite			27,195,120	19,951,563		(1,359,756)	8,603,313		2,458,089	9.04%

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Nichols Unit 3	311	Structures and Improvements	1,714,558	1,146,663	-5.00%	(85,728)	653,623	10.50	62,250	3.63%
Nichols Unit 3	312	Boiler Plant/Equipment	20,367,774	12,431,275	-5.00%	(1,018,389)	8,954,888	10.50	852,846	4.19%
Nichols Unit 3	314	Turbogenerators	24,732,390	12,394,212	-5.00%	(1,236,620)	13,574,798	10.50	1,292,838	5.23%
Nichols Unit 3	315	Accessory Electric Equipment	2,338,191	1,297,430	-5.00%	(116,910)	1,157,671	10.50	110,254	4.72%
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	606,006	170,811	-5.00%	(30,300)	485,496	10.50	44,333	7.32%
Nichols Unit 3 - Total/Composite			49,758,920	27,440,390		(2,487,946)	24,806,475		2,369,521	4.75%
Plant X Common Facilities	310	Water Rights	1,314,134	1,017,021	0.00%	-	297,113	7.50	39,615	3.01%
Plant X Common Facilities	311	Structures and Improvements	8,440,275	5,222,023	-5.00%	(422,014)	3,640,266	7.50	485,369	5.75%
Plant X Common Facilities	312	Boiler Plant/Equipment	4,642,506	2,418,786	-5.00%	(232,125)	2,485,846	7.50	327,446	7.05%
Plant X Common Facilities	314	Turbogenerators	3,483,472	1,391,141	-5.00%	(174,174)	2,286,504	7.50	302,201	8.66%
Plant X Common Facilities	315	Accessory Electric Equipment	310,189	95,702	-5.00%	(15,509)	228,996	7.50	30,533	9.84%
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,465,686	1,001,554	-5.00%	(73,284)	537,416	7.50	71,858	4.89%
Plant X Common Facilities - Total/Composite			19,656,261	11,147,226		(917,106)	9,426,141		1,256,819	6.39%
Plant X Unit 1	311	Structures and Improvements	1,286,334	1,350,660	-5.00%	(64,317)	-	0.00	-	7.47% (C)
Plant X Unit 1	312	Boiler Plant/Equipment	6,262,459	6,578,256	-5.00%	(313,171)	(0)	0.00	-	8.72% (C)
Plant X Unit 1	314	Turbogenerators	4,589,459	4,456,272	-5.00%	(224,689)	(0)	0.00	-	7.26% (C)
Plant X Unit 1	315	Accessory Electric Equipment	907,855	553,226	-5.00%	(45,392)	(0)	0.00	-	15.84% (C)
Plant X Unit 1	316	Miscellaneous Power Plant Equipment			-5.00%		(0)	0.00	-	8.58% (C)
Plant X Unit 1 - Total/Composite			13,065,677	13,855,961		(650,284)	(0)			0.00%
Plant X Unit 2	311	Structures and Improvements	1,021,771	1,072,860	-5.00%	(51,089)	(0)	0.00	-	7.29% (C)
Plant X Unit 2	312	Boiler Plant/Equipment	16,226,867	17,038,210	-5.00%	(811,343)	(0)	0.00	-	9.90% (C)
Plant X Unit 2	314	Turbogenerators	6,729,793	7,066,282	-5.00%	(336,490)	-	0.00	-	7.71% (C)
Plant X Unit 2	315	Accessory Electric Equipment	613,416	644,086	-5.00%	(30,671)	(0)	0.00	-	6.62% (C)
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,890	55,534	-5.00%	(2,644)	-	0.00	-	8.92% (C)
Plant X Unit 2 - Total/Composite			24,644,736	25,876,973		(1,232,237)	(0)			0.00%
Plant X Unit 3	311	Structures and Improvements	1,034,626	871,969	-5.00%	(51,731)	214,389	2.50	85,755	8.29%
Plant X Unit 3	312	Boiler Plant/Equipment	8,478,808	6,982,554	-5.00%	(423,940)	1,920,194	2.50	768,078	9.06%
Plant X Unit 3	314	Turbogenerators	7,508,924	6,271,040	-5.00%	(375,446)	1,613,330	2.50	645,332	8.59%
Plant X Unit 3	315	Accessory Electric Equipment	976,256	796,513	-5.00%	(48,813)	228,556	2.50	91,422	9.36%
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	949,190	786,271	-5.00%	(47,460)	210,379	2.50	84,151	8.87%
Plant X Unit 3 - Total/Composite			18,947,804	15,708,346		(847,390)	4,186,848		1,674,739	8.84%
Plant X Unit 4	311	Structures and Improvements	1,914,398	1,123,743	-5.00%	(95,720)	886,375	7.50	118,183	6.17%
Plant X Unit 4	312	Boiler Plant/Equipment	20,237,873	12,215,322	-5.00%	(1,011,899)	9,054,549	7.50	1,204,607	5.95%
Plant X Unit 4	314	Turbogenerators	16,946,451	9,016,148	-5.00%	(847,323)	8,777,626	7.50	1,170,350	6.91%
Plant X Unit 4	315	Accessory Electric Equipment	2,364,569	1,322,356	-5.00%	(118,228)	1,160,441	7.50	154,725	6.54%
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046	88,073	-5.00%	(8,202)	84,176	7.50	11,223	6.84%
Plant X Unit 4 - Total/Composite			41,627,437	23,765,643		(2,081,372)	19,943,167		2,659,089	6.39%
Review	310	Land Rights	1,245	1,245	0.00%	-	-	0.00	-	0.00%
Review - Total/Composite			1,245	1,245		-	-	0.00	-	0.00%

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) x (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Tolk Common Facilities	310	Water Rights	10,220,448	3,585,038	0.00%	-	6,635,410	12.50	530,833	5.19%
Tolk Common Facilities	311	Structures and Improvements	32,280,870	11,472,287	-5.00%	(1,613,044)	22,401,627	12.50	1,792,130	5.56%
Tolk Common Facilities	312	Boiler Plant/Equipment	21,046,102	7,576,528	-5.00%	(1,052,305)	14,521,879	12.50	1,161,750	5.52%
Tolk Common Facilities	314	Turbogenerators	11,437,755	5,220,628	-5.00%	(571,888)	6,789,014	12.50	543,121	4.75%
Tolk Common Facilities	315	Accessory Electric Equipment	-	-	-5.00%	-	-	0.00	-	5.27%
Tolk Common Facilities	316	Miscellaneous Power Plant Equipment	3,324,649	2,218,589	-5.00%	(166,232)	1,272,292	12.50	101,783	3.06%
Tolk Common Facilities - Total/Composite			78,289,824	30,073,071		(3,403,469)	51,620,221		4,128,618	5.27%
Tolk 1	310	Land Rights	19,917	13,118	0.00%	-	6,799	12.50	544	2.73%
Tolk 1	311	Structures and Improvements	19,839,975	13,101,554	-5.00%	(991,999)	7,730,420	12.50	618,434	3.12%
Tolk 1	312	Boiler Plant/Equipment	193,088,659	111,139,532	-5.00%	(9,653,433)	91,582,559	12.50	7,328,605	3.79%
Tolk 1	314	Turbogenerators	61,247,984	40,132,079	-5.00%	(3,062,399)	24,178,305	12.50	1,934,264	3.16%
Tolk 1	315	Accessory Electric Equipment	3,717,944	2,320,126	-5.00%	(185,897)	1,583,716	12.50	126,697	3.41%
Tolk 1	316	Miscellaneous Power Plant Equipment	521,526	328,584	-5.00%	(26,076)	219,018	12.50	17,521	3.36%
Tolk 1 - Total/Composite			278,416,005	187,034,392		(13,919,804)	125,300,817		10,024,065	3.60%
Tolk 2	310	Land Rights	277,977	182,888	0.00%	-	94,689	12.50	7,575	2.73%
Tolk 2	311	Structures and Improvements	9,713,957	6,157,780	-5.00%	(485,602)	3,891,930	12.50	316,856	3.26%
Tolk 2	312	Boiler Plant/Equipment	211,363,583	121,637,784	-5.00%	(10,568,663)	99,076,802	12.50	7,907,866	3.75%
Tolk 2	314	Turbogenerators	78,085,860	49,804,353	-5.00%	(3,903,293)	32,164,800	12.50	2,573,184	3.30%
Tolk 2	315	Accessory Electric Equipment	3,295,699	1,651,201	-5.00%	(164,785)	1,609,263	12.50	144,743	4.39%
Tolk 2	316	Miscellaneous Power Plant Equipment	2,241,379	1,513,196	-5.00%	(112,069)	840,252	12.50	67,220	3.00%
Tolk 2 - Total/Composite			304,983,406	181,351,800		(15,234,301)	138,845,907		11,107,673	3.64%
Tolk Common Facilities Refling 2055 310		Water Rights TX	5,920,383	1,317,951	-5.00%	(296,019)	4,898,451	35.50	137,985	2.33%
Tolk Common Facilities Refling 2055 311		Structures and Improvements	545,776	98,627	-5.00%	(27,289)	474,438	35.50	13,364	2.45%
Tolk Common Facilities Refling 2055 312		Boiler Plant/Equipment	1,930,925	364,388	-5.00%	(96,546)	1,663,094	35.50	46,847	2.43%
Tolk Common Facilities Refling 2055 314		Turbogenerators	22,551	2,559	-5.00%	(1,128)	21,120	35.50	595	2.64%
Tolk Common Facilities Refling 2055 315		Accessory Electric Equipment	3,663,374	1,354,577	-5.00%	(183,169)	2,491,966	35.50	70,196	1.92%
Tolk Common Facilities Refling 2055 316		Miscellaneous Power Plant Equipment	12,083,009	3,138,101	-5.00%	(604,150)	9,549,058	35.50	268,988	2.23%
Tolk 1 Refling 2055	310	Land Rights TX	12,358,612	5,414,651	-5.00%	(617,941)	7,562,102	35.50	213,017	1.72%
Tolk 1 Refling 2055	311	Structures and Improvements	1,109,413	3,284,232	-5.00%	(355,421)	4,289,602	35.50	119,969	1.09%
Tolk 1 Refling 2055	312	Boiler Plant/Equipment	45,101,605	6,986,052	-5.00%	(770,080)	4,465,904	35.50	126,032	0.28%
Tolk 1 Refling 2055	314	Turbogenerators	12,919,036	5,308,688	-5.00%	(646,161)	8,192,445	35.50	230,032	1.78%
Tolk 1 Refling 2055	315	Accessory Electric Equipment	189,004	94,985	-5.00%	(9,095)	1,154,245	35.50	3,237	1.69%
Tolk 1 - Total/Composite			47,990,944	20,769,988		(2,399,547)	28,620,503		834,380	1.74%
Tolk 2 Refling 2055	310	Land Rights TX	8,645,191	3,915,280	-5.00%	(432,260)	5,182,170	35.50	145,413	1.68%
Tolk 2 Refling 2055	311	Structures and Improvements	8,030,975	3,576,613	-5.00%	(401,549)	4,855,911	35.50	136,786	1.70%
Tolk 2 Refling 2055	312	Boiler Plant/Equipment	27,367,352	8,498,858	-5.00%	(1,368,388)	20,236,862	35.50	570,052	2.08%
Tolk 2 Refling 2055	314	Turbogenerators	9,494,834	3,274,750	-5.00%	(474,742)	6,694,825	35.50	188,587	1.99%
Tolk 2 Refling 2055	315	Accessory Electric Equipment	1,318,439	580,703	-5.00%	(65,022)	803,958	35.50	22,638	1.72%
Tolk 2 Refling 2055	316	Miscellaneous Power Plant Equipment	54,856,191	19,846,204	-5.00%	(2,742,540)	37,753,428	35.50	1,063,477	1.94%
Tolk 2 - Total/Composite			1,916,443,752	1,042,505,270		(95,186,046)	969,124,228		77,111,574	4.02%

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) X (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Other Production										
Blackhawk	342	Fuel Holders and Accessory Equipment	4,182,601	3,005,610	-5.00%	(208,130)	1,385,122	14.50	94,146	2.26%
		Blackhawk - Total/Composite	4,182,601	3,005,610		(208,130)	1,385,122		94,146	2.26%
Cunningham	341	Structures and Improvements	546,614	217,759	-5.00%	(27,331)	356,185	20.50	17,375	3.18%
		Fuel Holders and Accessory Equipment	1,516,324	502,716	-5.00%	(75,816)	1,089,424	20.50	53,143	3.50%
		Prime Movers	50,152,598	21,516,171	-5.00%	(2,507,630)	31,144,058	20.50	1,519,222	3.03%
		Generators	19,304,392	2,370,474	-5.00%	(965,220)	17,899,138	20.50	873,129	4.52%
		Accessory Electric Equipment	6,067,009	2,678,146	-5.00%	(303,350)	3,692,214	20.50	180,108	2.97%
		Miscellaneous Power Plant Equipment	1,140,410	397,189	-5.00%	(57,020)	800,241	20.50	39,036	3.42%
		Cunningham - Total/Composite	78,727,347	27,682,455		(3,936,367)	54,981,260		2,682,013	3.41%
Hale Wind Project	340-45	Wind Rights	-	-	0.00%	-	-	0.00	-	4.00% (B)
		Structures and Improvements	45,729,197	1,657,831	-1.71%	(781,974)	44,883,340	24.50	1,830,749	4.00% (A)
		Fuel Holders and Accessory Equipment	-	-	-1.71%	-	-	0.00	-	4.00% (A)
		Prime Movers	-	-	-1.71%	-	-	0.00	-	4.00% (A)
		Generators	699,934,506	22,112,100	-1.71%	(10,429,943)	598,252,551	24.50	24,418,463	4.00%
		Accessory Electric Equipment	19,685,671	715,668	-1.71%	(336,028)	19,308,530	24.50	786,003	4.00%
		Miscellaneous Power Plant Equipment	65,639,369	2,448,160	-1.71%	(11,548,617)	662,430,004	24.50	27,037,959	4.00%
		Hale Wind Project - Total/Composite	875,385,673	24,484,160		(11,548,617)	862,430,004		27,037,959	4.00%
Jones Unit 3	341	Structures and Improvements	4,748,588	896,413	-5.00%	(237,429)	4,089,604	36.50	112,044	2.36%
		Fuel Holders and Accessory Equipment	(0)	(0)	-5.00%	0	-	36.50	-	2.36% (A)
		Prime Movers	230,300	11,418	-5.00%	(11,515)	230,397	36.50	6,312	2.74%
		Generators	65,989,398	12,457,385	-5.00%	(3,299,970)	56,841,983	36.50	1,557,315	2.36%
		Accessory Electric Equipment	10,389,410	1,963,145	-5.00%	(519,970)	8,956,235	36.50	245,376	2.36%
		Miscellaneous Power Plant Equipment	1,591,994	300,528	-5.00%	(79,600)	1,371,066	36.50	37,563	2.36%
		Jones Unit 3 - Total/Composite	82,969,689	15,628,888		(4,148,484)	71,489,285		1,958,611	2.36%
Jones Unit 4	341	Structures and Improvements	6,504,975	955,091	-5.00%	(325,249)	5,875,133	38.50	152,601	2.35%
		Fuel Holders and Accessory Equipment	-	-	-5.00%	-	-	0.00	-	2.35% (A)
		Prime Movers	-	-	-5.00%	-	-	0.00	-	2.35% (A)
		Generators	65,769,644	9,523,992	-5.00%	(3,288,477)	59,534,030	38.50	1,546,338	2.35%
		Accessory Electric Equipment	10,703,795	1,571,582	-5.00%	(535,190)	9,667,403	38.50	251,101	2.35%
		Miscellaneous Power Plant Equipment	1,196,889	175,733	-5.00%	(59,844)	1,081,001	38.50	28,078	2.35%
		Jones Unit 4 - Total/Composite	84,175,204	12,226,388		(4,208,760)	76,157,666		1,978,119	2.35%
Maddox	341	Structures and Improvements	1,585,032	1,164,952	-5.00%	(78,252)	478,331	5.50	86,969	5.56%
		Fuel Holders and Accessory Equipment	512,886	422,110	-5.00%	(25,644)	116,421	5.50	21,167	4.13%
		Prime Movers	-	-	-5.00%	-	-	0.00	-	5.14% (A)
		Generators	15,736,001	12,187,527	-5.00%	(786,600)	4,335,275	5.50	788,232	5.01%
		Accessory Electric Equipment	1,627,920	1,164,315	-5.00%	(81,396)	545,001	5.50	99,091	6.09%
		Miscellaneous Power Plant Equipment	178,800	112,342	-5.00%	(8,540)	75,398	5.50	13,709	7.67%
		Maddox - Total/Composite	19,620,639	15,051,245		(981,032)	5,550,426		1,009,168	5.14%
Quay County	341	Structures and Improvements	916,182	284,678	-5.00%	(45,509)	677,313	14.50	46,711	5.10%
		Fuel Holders and Accessory Equipment	1,575	811	-5.00%	(79)	843	14.50	58	3.69%
		Prime Movers	4,620,155	3,103,690	-5.00%	(231,008)	1,747,473	14.50	120,515	2.61%
		Generators	17,065,114	5,794,190	-5.00%	(854,256)	12,145,160	14.50	837,589	4.90%
		Accessory Electric Equipment	3,131,076	1,110,382	-5.00%	(156,554)	2,177,240	14.50	150,154	4.80%
		Miscellaneous Power Plant Equipment	646,783	232,362	-5.00%	(32,340)	446,570	14.50	30,798	4.76%
		Quay County - Total/Composite	26,400,696	10,326,324		(1,320,045)	17,194,619		1,183,836	4.49%
Riverview	340	Land and Water Rights	676	676	0.00%	-	-	0.00	-	0.00%
		Riverview - Total/Composite	676	676		-	-		-	0.00%
Total Other Production Plant			971,422,421	108,605,776		(26,351,636)	898,188,282		35,946,852	3.70%

Appendix A

Southwestern Public Service Company
Texas
Computation of Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Allocated Reserve (2)	Net Salvage % (3)	Net Salvage Amount (4) = (1) X (3)	Unaccrued Balance (5) = (1) - (2) - (4)	Remaining Life (6)	Annual Accrual (7) = (5) / (6)	Annual Accrual Rate (8) = (7) / (1)
Transmission										
350.2		Land Rights	161,306,699	14,751,868	0.00%	-	146,554,831	70.84	2,068,870	1.28%
352		Structures & Improvements	124,986,638	17,886,732	-20.00%	(24,999,708)	132,099,514	55.29	2,389,339	1.91%
353		Station Equipment	1,244,840,351	157,393,582	-20.00%	(248,968,070)	1,336,414,839	46.01	29,048,134	2.33%
354		Towers & Fixtures	8,208,692	2,515,297	-5.00%	(410,435)	6,103,830	47.59	128,255	1.56%
355		Poles & Fixtures	1,393,028,406	271,668,120	-75.00%	(1,044,771,305)	2,166,131,592	43.88	49,361,799	3.54%
356		Overhead Conductors & Devices	495,769,732	105,481,775	-45.00%	(223,096,379)	613,384,336	40.81	15,029,351	3.03%
357		Underground Conduit	275,005	123,495	0.00%	-	151,510	32.82	4,616	1.68%
358		Underground Conductor & Devices	489,717	231,704	0.00%	-	258,013	18.34	14,070	2.87%
359		Roads and Trails	517,736	31,752	0.00%	-	485,984	60.01	8,099	1.56%
Total Transmission Plant			3,429,434,875	570,096,324		(1,542,245,996)	4,407,584,748		98,052,533	2.86%
Distribution (Texas Only)										
360.2		Land Rights	2,969,012	616,452	0.00%	-	2,342,560	56.13	41,732	1.41%
361		Structures & Improvements	17,647,834	2,225,977	-10.00%	(1,764,783)	17,186,640	62.37	275,569	1.56%
362		Station Equipment	163,111,362	45,851,868	-25.00%	(45,777,846)	163,037,370	44.52	4,111,000	2.25%
364		Poles, Towers & Fixtures	235,716,020	67,026,167	-75.00%	(176,787,015)	345,476,648	44.81	7,709,552	3.27%
365		Overhead Conductors & Devices	176,117,845	49,166,515	-50.00%	(69,056,973)	217,988,403	38.77	5,622,286	3.16%
366		Underground Conduit	36,014,055	1,359,414	-30.00%	(3,940,591)	38,369,428	48.29	6,389,428	1.73%
367		Underground Conductor & Devices	36,014,055	1,359,414	-30.00%	(1,359,414)	36,014,055	48.29	894,573	2.48%
368		Line Transformers	159,191,044	42,144,248	-10.00%	(15,891,504)	132,685,700	35.45	3,741,807	2.35%
369		Service	63,808,971	24,191,779	-10.00%	(25,593,308)	65,139,500	35.64	1,827,709	2.88%
370		Melges	43,606,437	19,874,904	-15.00%	(4,360,544)	28,092,177	18.18	1,545,166	3.54%
371		Installations on Customers' Premises	8,129,851	5,335,309	-15.00%	(1,219,478)	4,014,020	11.89	337,536	4.15%
373		Street Lighting & Signal Systems	19,050,140	8,295,428	-60.00%	(11,430,084)	22,194,796	28.92	767,462	4.03%
Total Distribution Plant NM Only			967,670,683	281,148,800		(386,825,055)	1,073,346,338		27,141,850	2.81%
General										
369.002		Land Rights	45,967	20,045	0.00%	-	25,922	34.46	752	1.64%
390		Structures & Improvements	82,638,793	19,738,688	-10.00%	(8,263,879)	71,163,985	41.77	1,703,871	2.06%
Total General			82,684,760	19,758,733		(8,263,879)	71,189,907		1,704,623	2.06%

Note:
(A) There is currently no balance in these accounts. In the event plant is added to these accounts, SPS requests authorization to use the depreciation rate listed, which represent the composite depreciation rate for each unit.
(B) There is currently no balance in these accounts. In the event plant is added to these accounts, SPS requests authorization to use the depreciation rate listed, which represent the whole life rate.
(C) This unit is fully reserved after requested reserve reallocation. SPS requests authorization to use the currently approved depreciation rates for these assets in the event of additional capital investment.

Appendix A-1

Southwestern Public Service Company
Texas
Computation of Annual Amortization Rate
At June 30, 2020

General		Plant Balance 06/30/2020	Allocated Reserve 06/30/2020	Theoretical Reserve 06/30/2020	Reserve Difference	Assets To Retire > Proposed ASL	
391	Office Furniture & Equipment	19,437,207	6,257,937	6,122,659	135,278	586,976	
391.04	Computer Equipment	92,062,289	51,322,360	50,625,194	697,166	22,096,696	
392.01	Transportation Equipment - Autos	3,832,165	1,302,591	1,277,240	25,352	266,487	
392.02	Transportation Equipment - Light Trucks	47,746,092	28,542,786	28,304,218	238,568	21,070,284	
392.03	Transportation Equipment - Trailers	9,175,981	3,569,721	3,508,506	61,216	1,127,556	
392.04	Transportation Equipment - Heavy Trucks	60,539,220	35,136,892	34,627,838	509,054	15,502,234	
393	Stores Equipment	430,925	333,992	327,919	6,073	79,391	
394	Tools, Shop & Garage Equipment	50,763,167	10,777,326	10,522,218	255,107	83,045	
395	Laboratory Equipment	10,928,508	9,004,413	8,908,503	95,910	4,983,781	
396	Power Operated Equipment	13,718,357	5,954,398	5,829,359	125,038	950,265	
397	Communication Equipment	127,952,550	71,163,597	70,511,216	652,381	43,815,359	
398	Miscellaneous Equipment	2,746,736	1,993,447	1,964,112	29,335	763,684	
Total General Amortized		\$ 439,333,197	\$ 225,359,461	\$ 222,528,982	\$ 2,830,479	\$ 111,325,757	
Excluding Fully Accrued Assets		Plant Balance 06/30/2020	Allocated Reserve 06/30/2020	Amortization Life	Amortization Net Salvage %	Annual Amortization	Amortization Rate
391	Office Furniture & Equipment	18,850,231	5,670,961	20.00	0%	942,512	5.00%
391.04	Computer Equipment	69,965,592	29,225,664	5.00	0%	13,993,118	20.00%
392.01	Transportation Equipment - Autos	3,565,679	1,036,105	10.00	10%	320,911	9.00%
392.02	Transportation Equipment - Light Trucks	26,675,808	7,472,502	10.00	12%	2,347,471	8.80%
392.03	Transportation Equipment - Trailers	8,048,425	2,442,165	15.00	11%	477,540	5.93%
392.04	Transportation Equipment - Heavy Trucks	45,036,986	19,634,658	12.00	11%	3,340,243	7.42%
393	Stores Equipment	351,534	254,602	35.00	0%	10,044	2.86%
394	Tools, Shop & Garage Equipment	50,680,122	10,694,281	35.00	0%	1,448,003	2.86%
395	Laboratory Equipment	5,944,728	4,020,633	25.00	0%	237,789	4.00%
396	Power Operated Equipment	12,768,092	5,004,133	15.00	25%	638,405	5.00%
397	Communication Equipment	84,137,190	27,348,237	15.00	0%	5,609,146	6.67%
398	Miscellaneous Equipment	1,983,053	1,229,764	24.00	0%	82,627	4.17%
General Plant Reserve Deficiency (A)			8,564,300	5.15	0%	1,662,505	19.41%
General Plant Reserve Deficiency			(2,830,479)	10.00	0%	(283,048)	10.00%
Total General Amortized		\$ 328,007,440	\$ 119,767,525	See Note (A)		\$ 30,827,267	

Southwestern Public Service Company
 Texas
 Computation of Depreciation Accrual Rate
 Sagamore Wind Project

Appendix A-2

Production Unit	FERC Account	Description	In Service Date	Retire Date	Total Life	Interim Net Salvage %	Terminal Dismantling %	Composite Net Salvage %	Accrual Rate
Sagamore Wind Project									
Sagamore Wind Project	340.45 Wind Rights		2020	2045	25	0.00%	0.00%	0.00%	4.00% (A)
Sagamore Wind Project	341 Structures and Improvements		2020	2045	25	0.00%	-1.71%	-1.71%	4.07% (B)
Sagamore Wind Project	342 Fuel Holders and Accessory Equipment		2020	2045	25	0.00%	-1.71%	-1.71%	4.07% (B)
Sagamore Wind Project	343 Prime Movers		2020	2045	25	0.00%	-1.71%	-1.71%	4.07% (B)
Sagamore Wind Project	344 Generators		2020	2045	25	0.00%	-1.71%	-1.71%	4.07% (B)
Sagamore Wind Project	345 Accessory Electric Equipment		2020	2045	25	0.00%	-1.71%	-1.71%	4.07% (B)
Sagamore Wind Project	346 Miscellaneous Power Plant Equipment		2020	2045	25	0.00%	-1.71%	-1.71%	4.07% (B)

Note:

Southwestern Public Service Company
Texas
Comparison of Plant,, Book Depreciation Reserve, and Reallocated Reserve
At June 30, 2020

Appendix F

Production Unit	FERC Account	Description	Per Books		Reallocated	Difference	Notes
			Texas Total Reserve Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020		
			(1)	(2)	(3)	(4)	
Intangible Plant							
	303	Miscellaneous Intangible Plant					
	303	Software - 3 Year	3,147,191	1,531,187	1,531,187	-	
	303	Software - 5 Year	89,250,609	54,764,125	54,764,125	-	
	303	Software - 7 Year	-	-	-	-	
	303	Software - 10 Year	8,459,803	5,675,436	5,675,436	-	
	303	Software - 15 Year	74,406,801	15,533,864	15,533,864	-	
		Misc. Intangible Plant - Total/Composite	175,264,405	77,504,613	77,504,613	-	
		Total Intangible Plant	175,264,405	77,504,613	77,504,613	-	
Steam Production							
Celanese	311	Structures and Improvements	-	-	-	-	(A)
Celanese	314	Turbogenerators	-	-	-	-	(A)
Celanese	315	Accessory Electric Equipment	-	-	-	-	(A)
Celanese	316	Miscellaneous Power Plant Equipment	-	-	-	-	(A)
		Celanese - Total/Composite	-	-	-	-	
Cunningham Common Facilities	310	Land Rights NM	53,100	35,964	32,882	(3,082)	
Cunningham Common Facilities	311	Structures and Improvements	7,797,408	2,968,232	2,561,048	(407,183)	
Cunningham Common Facilities	312	Boiler Plant Equipment	6,724,267	3,032,212	2,612,175	(420,037)	
Cunningham Common Facilities	314	Turbogenerators	452,061	104,334	100,781	(3,554)	
Cunningham Common Facilities	315	Accessory Electric Equipment	889,837	415,698	394,422	(21,276)	
Cunningham Common Facilities	316	Miscellaneous Power Plant Equipment	1,513,667	879,002	807,917	(71,085)	
		Cunningham Common Facilities - Total/Composite	17,430,339	7,435,443	6,509,226	(926,217)	
Cunningham Unit 1	311	Structures and Improvements	2,390,443	2,399,505	2,509,965	110,460	
Cunningham Unit 1	312	Boiler Plant Equipment	8,188,668	8,410,122	8,598,102	187,979	
Cunningham Unit 1	314	Turbogenerators	6,137,045	6,089,519	6,443,897	354,378	
Cunningham Unit 1	315	Accessory Electric Equipment	935,547	936,914	982,325	45,411	
Cunningham Unit 1	316	Miscellaneous Power Plant Equipment	308,513	333,948	323,939	(10,009)	
		Cunningham Unit 1 - Total/Composite	17,960,216	18,170,008	18,858,227	688,219	
Cunningham Unit 2	311	Structures and Improvements	2,344,020	1,671,673	1,609,552	(62,121)	
Cunningham Unit 2	312	Boiler Plant Equipment	17,757,427	11,845,825	11,496,580	(349,245)	
Cunningham Unit 2	314	Turbogenerators	11,620,507	8,965,010	8,354,777	(610,232)	
Cunningham Unit 2	315	Accessory Electric Equipment	5,251,493	3,533,469	3,326,666	(206,803)	
Cunningham Unit 2	316	Miscellaneous Power Plant Equipment	134,895	65,615	66,406	790	
		Cunningham Unit 2 - Total/Composite	37,108,342	26,081,592	24,853,981	(1,227,611)	
Denver City	311	Structures and Improvements	-	89	-	(89)	(A)
Denver City	314	Turbogenerators	-	9,229	-	(9,229)	(A)
		Denver City Facilities - Total/Composite	-	9,319	-	(9,319)	
Harrington Common Facilities Co:	310	Land Rights TX	-	-	-	-	
Harrington Common Facilities Co:	311	Structures and Improvements	1,649,218	485,894	969,904	484,009	
Harrington Common Facilities Co:	312	Boiler Plant Equipment	5,239,113	2,220,007	3,486,259	1,266,252	
Harrington Common Facilities Co:	314	Turbogenerators	-	-	-	-	
Harrington Common Facilities Co:	315	Accessory Electric Equipment	-	-	-	-	
Harrington Common Facilities Co:	316	Miscellaneous Power Plant Equipment	-	-	-	-	
		Harrington Common Facilities - Total/Composite	6,888,332	2,705,901	4,456,162	1,750,261	
Harrington Unit 1 Coal	311	Structures and Improvements	-	-	-	-	
Harrington Unit 1 Coal	312	Boiler Plant Equipment	22,536,289	11,723,243	15,845,391	4,122,148	
Harrington Unit 1 Coal	314	Turbogenerators	-	-	-	-	
Harrington Unit 1 Coal	315	Accessory Electric Equipment	-	-	-	-	
Harrington Unit 1 Coal	316	Miscellaneous Power Plant Equipment	-	-	-	-	
		Harrington Unit 1 - Total/Composite	22,536,289	11,723,243	15,845,391	4,122,148	
Harrington Unit 2 Coal	311	Structures and Improvements	-	-	-	-	
Harrington Unit 2 Coal	312	Boiler Plant Equipment	21,532,235	10,732,102	14,796,873	4,064,771	
Harrington Unit 2 Coal	314	Turbogenerators	-	-	-	-	
Harrington Unit 2 Coal	315	Accessory Electric Equipment	-	-	-	-	
Harrington Unit 2 Coal	316	Miscellaneous Power Plant Equipment	-	-	-	-	
		Harrington Unit 2 - Total/Composite	21,532,235	10,732,102	14,796,873	4,064,771	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
At June 30, 2020

Appendix F

Production Unit	FERC Account	Description	Per Books		Reallocated	Difference	Notes
			Texas Plant Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020		
			(1)	(2)	(3)	(4)	
Harrington Unit 3 Coal	311	Structures and Improvements	-	-	-	-	
Harrington Unit 3 Coal	312	Boiler Plant Equipment	21,431,785	11,052,781	15,958,561	4,905,779	
Harrington Unit 3 Coal	314	Turbogenerators	-	-	-	-	
Harrington Unit 3 Coal	315	Accessory Electric Equipment	-	-	-	-	
Harrington Unit 3 Coal	316	Miscellaneous Power Plant Equipment	-	-	-	-	
		Harrington Unit 3 - Total/Composite	21,431,785	11,052,781	15,958,561	4,905,779	
Harrington Common Facilities Ga:	310	Land Rights	13,705	7,546	6,892	(654)	
Harrington Common Facilities Ga:	311	Structures and Improvements	24,506,169	10,987,502	10,643,697	(343,804)	
Harrington Common Facilities Ga:	312	Boiler Plant Equipment	11,133,606	4,391,586	4,162,198	(229,389)	
Harrington Common Facilities Ga:	314	Turbogenerators	3,132,692	1,559,696	1,436,585	(123,111)	
Harrington Common Facilities Ga:	315	Accessory Electric Equipment	1,266,658	299,658	305,515	5,857	
Harrington Common Facilities Ga:	316	Miscellaneous Power Plant Equipment	2,629,324	1,534,816	1,397,689	(137,127)	
		Harrington Common Facilities Gas - Total/Composite	42,682,153	18,780,804	17,952,576	(828,228)	
Harrington Unit 1 Gas	311	Structures and Improvements	6,984,160	4,879,464	4,479,431	(400,033)	
Harrington Unit 1 Gas	312	Boiler Plant Equipment	86,041,358	44,541,746	41,705,835	(2,835,911)	
Harrington Unit 1 Gas	314	Turbogenerators	42,872,764	18,681,858	18,702,174	20,316	
Harrington Unit 1 Gas	315	Accessory Electric Equipment	8,465,458	4,365,237	4,140,717	(224,520)	
Harrington Unit 1 Gas	316	Miscellaneous Power Plant Equipment	966,618	628,986	568,015	(60,971)	
		Harrington Unit 1 Gas - Total/Composite	145,330,358	73,097,291	69,596,172	(3,501,119)	
Harrington Unit 2 Gas	311	Structures and Improvements	6,123,513	3,608,694	3,323,938	(284,756)	
Harrington Unit 2 Gas	312	Boiler Plant Equipment	94,494,104	48,111,245	44,397,590	(3,713,655)	
Harrington Unit 2 Gas	314	Turbogenerators	52,432,197	21,359,306	20,074,908	(1,284,398)	
Harrington Unit 2 Gas	315	Accessory Electric Equipment	6,311,913	3,063,797	2,841,555	(222,242)	
Harrington Unit 2 Gas	316	Miscellaneous Power Plant Equipment	1,546,811	1,029,964	942,844	(87,120)	
		Harrington Unit 2 Gas - Total/Composite	160,908,538	77,173,006	71,580,834	(5,592,173)	
Harrington Unit 3 Gas	311	Structures and Improvements	9,579,196	5,385,924	5,164,272	(221,653)	
Harrington Unit 3 Gas	312	Boiler Plant Equipment	96,056,585	47,114,959	46,084,366	(1,030,593)	
Harrington Unit 3 Gas	314	Turbogenerators	55,165,918	24,959,063	24,175,760	(783,304)	
Harrington Unit 3 Gas	315	Accessory Electric Equipment	6,051,805	3,075,173	2,857,425	(217,748)	
Harrington Unit 3 Gas	316	Miscellaneous Power Plant Equipment	1,875,749	1,155,899	1,058,949	(96,950)	
		Harrington Unit 3 Gas - Total/Composite	168,729,254	81,691,019	79,340,771	(2,350,248)	
Jones Common Facilities	311	Structures and Improvements	9,146,717	2,650,525	2,479,667	(170,858)	
Jones Common Facilities	312	Boiler Plant Equipment	12,712,390	3,770,820	3,462,094	(308,726)	
Jones Common Facilities	314	Turbogenerators	7,921,581	3,060,128	2,788,937	(271,191)	
Jones Common Facilities	315	Accessory Electric Equipment	2,949,892	619,542	581,294	(38,248)	
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,684,328	1,260,279	1,149,718	(110,561)	
		Jones Common Facilities - Total/Composite	36,414,908	11,361,295	10,461,711	(899,584)	
Jones Unit 1	310	Land Rights TX	108,562	68,739	62,651	(6,088)	
Jones Unit 1	311	Structures and Improvements	4,986,143	3,360,608	3,146,769	(213,839)	
Jones Unit 1	312	Boiler Plant Equipment	23,088,339	12,300,654	11,531,458	(769,196)	
Jones Unit 1	314	Turbogenerators	22,922,127	11,499,474	11,006,260	(493,214)	
Jones Unit 1	315	Accessory Electric Equipment	2,767,418	1,359,643	1,249,278	(110,365)	
Jones Unit 1	316	Miscellaneous Power Plant Equipment	756,086	610,028	558,599	(51,428)	
		Jones Unit 1 - Total/Composite	54,628,673	29,199,146	27,555,015	(1,644,131)	
Jones Unit 2	311	Structures and Improvements	2,103,978	1,266,627	1,233,358	(33,269)	
Jones Unit 2	312	Boiler Plant Equipment	18,413,931	8,882,429	9,025,531	143,102	
Jones Unit 2	314	Turbogenerators	23,574,447	10,589,552	10,232,028	(357,525)	
Jones Unit 2	315	Accessory Electric Equipment	3,403,934	1,276,833	1,211,784	(65,049)	
Jones Unit 2	316	Miscellaneous Power Plant Equipment	598,526	452,960	406,288	(46,672)	
		Jones Unit 2 - Total/Composite	48,094,816	22,468,401	22,108,988	(359,413)	
Maddox	310	Land Rights NM	19,971	15,508	14,215	(1,293)	
Maddox	311	Structures and Improvements	5,036,698	2,991,377	2,818,996	(172,380)	
Maddox	312	Boiler Plant Equipment	19,789,261	10,507,708	10,384,769	(122,939)	
Maddox	314	Turbogenerators	13,257,650	7,623,706	7,308,867	(314,839)	
Maddox	315	Accessory Electric Equipment	6,698,198	4,053,025	3,703,023	(350,002)	
Maddox	316	Miscellaneous Power Plant Equipment	963,849	618,587	572,458	(46,128)	
		Maddox - Total/Composite	45,765,628	25,809,910	24,802,328	(1,007,582)	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
At June 30, 2020

Appendix F

Production Unit	FERC Account Description		Per Books		Reallocated	Difference	Notes
			Plant Balance	Texas Total Reserve Balance	Texas Total Reserve Balance		
			06/30/2020	06/30/2020	06/30/2020		
		(1)	(2)	(3)	(4)		
Moore County	310.2	Land Rights TX	463	17,160	17,164	4	
Moore County	310.3	Water Rights TX	17,164	6,401,410	6,176,801	(224,609)	
Moore County	311	Structures and Improvements	-	-	-	-	(A)
Moore County	312	Boiler Plant Equipment	-	(145,116)	-	145,116	(A)
Moore County	314	Turbogenerators	-	-	-	-	(A)
Moore County	315	Accessory Electric Equipment	-	-	-	-	(A)
Moore County	316	Miscellaneous Power Plant Equipment	-	-	-	-	(A)
		Moore County - Total/Composite	17,627	6,273,454	6,193,965	(79,489)	
Nichols Common Facilities	310	Land Rights TX	676,746	373,041	338,481	(34,560)	
Nichols Common Facilities	311	Structures and Improvements	52,278,168	30,251,489	27,890,962	(2,360,527)	
Nichols Common Facilities	312	Boiler Plant Equipment	10,745,588	4,507,209	4,443,110	(64,100)	
Nichols Common Facilities	314	Turbogenerators	3,362,566	1,902,869	1,937,707	34,838	
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724	1,419,264	1,299,764	(119,501)	
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,339,803	1,640,691	1,504,357	(136,334)	
		Nichols Common Facilities - Total/Composite	71,701,594	40,094,563	37,414,380	(2,680,183)	
Nichols Unit 1	311	Structures and Improvements	2,079,418	1,778,369	1,701,665	(76,703)	
Nichols Unit 1	312	Boiler Plant Equipment	11,136,167	9,449,370	8,805,514	(643,856)	
Nichols Unit 1	314	Turbogenerators	10,028,558	8,767,352	8,111,785	(655,566)	
Nichols Unit 1	315	Accessory Electric Equipment	2,366,643	1,920,956	1,824,407	(96,549)	
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700	207,835	191,572	(16,262)	
		Nichols Unit 1 - Total/Composite	25,845,487	22,123,881	20,634,943	(1,488,937)	
Nichols Unit 2	311	Structures and Improvements	1,108,535	1,012,248	933,375	(78,873)	
Nichols Unit 2	312	Boiler Plant Equipment	12,559,512	9,428,406	9,060,284	(368,122)	
Nichols Unit 2	314	Turbogenerators	12,282,147	9,365,469	9,050,284	(315,185)	
Nichols Unit 2	315	Accessory Electric Equipment	1,038,609	904,676	831,014	(73,662)	
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	206,316	74,899	76,606	1,707	
		Nichols Unit 2 - Total/Composite	27,195,120	20,785,698	19,951,563	(834,135)	
Nichols Unit 3	311	Structures and Improvements	1,714,558	1,240,879	1,146,663	(94,216)	
Nichols Unit 3	312	Boiler Plant Equipment	20,367,774	13,452,606	12,431,275	(1,021,331)	
Nichols Unit 3	314	Turbogenerators	24,732,390	12,742,044	12,394,212	(347,832)	
Nichols Unit 3	315	Accessory Electric Equipment	2,338,191	1,354,645	1,297,430	(57,215)	
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	606,006	81,440	170,811	89,370	
		Nichols Unit 3 - Total/Composite	49,758,920	28,871,614	27,440,390	(1,431,224)	
Plant X Common Facilities	310	Water Rights TX	1,314,134	1,106,529	1,017,021	(89,508)	
Plant X Common Facilities	311	Structures and Improvements	8,440,275	5,471,661	5,222,023	(249,638)	
Plant X Common Facilities	312	Boiler Plant Equipment	4,642,506	2,434,314	2,418,786	(15,529)	
Plant X Common Facilities	314	Turbogenerators	3,483,472	1,280,983	1,391,141	110,158	
Plant X Common Facilities	315	Accessory Electric Equipment	310,189	91,978	96,702	4,724	
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,465,686	1,078,322	1,001,554	(76,768)	
		Plant X Common Facilities - Total/Composite	19,656,261	11,463,787	11,147,226	(316,561)	
Plant X Unit 1	311	Structures and Improvements	1,286,334	1,281,242	1,350,650	69,408	
Plant X Unit 1	312	Boiler Plant Equipment	6,262,149	6,047,036	6,575,256	528,220	
Plant X Unit 1	314	Turbogenerators	4,549,359	4,541,903	4,776,827	234,925	
Plant X Unit 1	315	Accessory Electric Equipment	907,835	847,927	953,226	105,300	
Plant X Unit 1	316	Miscellaneous Power Plant Equipment	-	5,776	-	(5,776)	
		Plant X Unit 1 - Total/Composite	13,005,677	12,723,883	13,655,961	932,077	
Plant X Unit 2	311	Structures and Improvements	1,021,771	1,027,184	1,072,860	45,675	
Plant X Unit 2	312	Boiler Plant Equipment	16,226,867	15,703,757	17,038,210	1,334,453	
Plant X Unit 2	314	Turbogenerators	6,729,793	6,587,998	7,066,282	478,284	
Plant X Unit 2	315	Accessory Electric Equipment	613,416	614,897	644,086	29,189	
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,890	53,680	55,534	1,854	
		Plant X Unit 2 - Total/Composite	24,644,736	23,987,518	25,876,973	1,889,455	
Plant X Unit 3	311	Structures and Improvements	1,034,626	889,047	871,969	(17,078)	
Plant X Unit 3	312	Boiler Plant Equipment	8,478,808	7,060,844	6,982,554	(78,290)	
Plant X Unit 3	314	Turbogenerators	7,508,924	6,397,263	6,271,040	(126,224)	
Plant X Unit 3	315	Accessory Electric Equipment	976,256	799,642	796,513	(3,129)	
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	949,190	788,389	786,271	(2,117)	
		Plant X Unit 3 - Total/Composite	18,947,804	15,935,184	15,708,346	(226,838)	
Plant X Unit 4	311	Structures and Improvements	1,914,398	1,123,736	1,123,743	7	
Plant X Unit 4	312	Boiler Plant Equipment	20,237,973	12,503,217	12,215,322	(287,894)	
Plant X Unit 4	314	Turbogenerators	16,946,451	8,147,618	9,016,148	868,530	
Plant X Unit 4	315	Accessory Electric Equipment	2,364,569	1,393,235	1,322,356	(70,879)	
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046	92,516	88,073	(4,443)	
		Plant X Unit 4 - Total/Composite	41,627,437	23,260,322	23,765,643	505,321	

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
At June 30, 2020

Production Unit	FERC Account	Description	Per Books		Reallocated		Difference	Notes
			Plant Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020	Texas Total Reserve Balance 06/30/2020		
			(1)	(2)	(3)	(4)		
Riverview	310	Land Rights TX	1,245	1,249	1,245	(4)		
		Riverview - Total/Composite	1,245	1,249	1,245	(4)		
Tolk Common Facilities	310	Water Rights TX	10,220,448	3,298,547	3,585,038	286,491		
Tolk Common Facilities	311	Structures and Improvements	32,260,870	9,605,489	11,472,287	1,866,798		
Tolk Common Facilities	312	Boiler Plant Equipment	21,046,102	6,238,154	7,576,528	1,338,374		
Tolk Common Facilities	314	Turbogenerators	11,437,755	4,896,809	5,220,628	323,820		
Tolk Common Facilities	315	Accessory Electric Equipment	-	-	-	-		
Tolk Common Facilities	316	Miscellaneous Power Plant Equipment	3,324,649	2,265,939	2,218,589	(47,350)		
		Tolk Common Facilities - Total/Composite	78,289,824	26,304,938	30,073,071	3,768,133		
Tolk 1	310	Land Rights TX	19,917	13,045	13,118	73		
Tolk 1	311	Structures and Improvements	19,839,975	13,229,161	13,101,554	(127,607)		
Tolk 1	312	Boiler Plant Equipment	193,068,659	106,762,862	111,139,532	4,376,671		
Tolk 1	314	Turbogenerators	61,247,984	39,665,240	40,132,079	466,838		
Tolk 1	315	Accessory Electric Equipment	3,717,944	2,290,042	2,320,126	30,084		
Tolk 1	316	Miscellaneous Power Plant Equipment	521,526	313,247	328,584	15,337		
		Tolk 1- Total/Composite	278,416,005	162,273,596	167,034,992	4,761,396		
Tolk 2	310	Land Rights TX	277,377	182,159	182,688	529		
Tolk 2	311	Structures and Improvements	9,713,837	6,126,936	6,237,580	110,644		
Tolk 2	312	Boiler Plant Equipment	211,369,253	119,100,574	121,962,784	2,862,210		
Tolk 2	314	Turbogenerators	78,065,860	50,369,246	49,804,353	(564,893)		
Tolk 2	315	Accessory Electric Equipment	3,295,699	1,489,235	1,651,201	161,966		
Tolk 2	316	Miscellaneous Power Plant Equipment	2,241,379	1,509,067	1,513,196	4,129		
		Tolk 2- Total/Composite	304,963,406	178,777,216	181,351,800	2,574,584		
Tolk Common Facilities Retiring 2	310	Water Rights TX	-	-	-	-		
Tolk Common Facilities Retiring 2	311	Structures and Improvements	5,920,383	1,561,050	1,317,951	(243,099)		
Tolk Common Facilities Retiring 2	312	Boiler Plant Equipment	545,776	71,524	98,627	27,102		
Tolk Common Facilities Retiring 2	314	Turbogenerators	1,930,925	410,269	364,388	(45,881)		
Tolk Common Facilities Retiring 2	315	Accessory Electric Equipment	22,551	3,891	2,559	(1,333)		
Tolk Common Facilities Retiring 2	316	Miscellaneous Power Plant Equipment	3,663,374	1,341,253	1,354,577	13,324		
		Tolk Common Facilities - Total/Composite	12,083,009	3,387,988	3,138,101	(249,887)		
Tolk 1 Retiring 2055	310	Land Rights TX	-	-	-	-		
Tolk 1 Retiring 2055	311	Structures and Improvements	12,358,812	5,856,123	5,414,651	(441,472)		
Tolk 1 Retiring 2055	312	Boiler Plant Equipment	7,108,413	3,820,101	3,204,232	(615,869)		
Tolk 1 Retiring 2055	314	Turbogenerators	15,401,605	7,472,429	6,686,022	(786,407)		
Tolk 1 Retiring 2055	315	Accessory Electric Equipment	12,922,208	6,021,305	5,370,098	(651,207)		
Tolk 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	199,904	116,274	94,985	(21,289)		
		Tolk 1- Total/Composite	47,990,944	23,286,233	20,769,988	(2,516,245)		
Tolk 2 Retiring 2055	310	Land Rights TX	-	-	-	-		
Tolk 2 Retiring 2055	311	Structures and Improvements	8,645,191	4,472,839	3,915,280	(557,559)		
Tolk 2 Retiring 2055	312	Boiler Plant Equipment	8,030,975	4,402,540	3,576,613	(825,927)		
Tolk 2 Retiring 2055	314	Turbogenerators	27,367,352	8,396,245	8,498,858	102,613		
Tolk 2 Retiring 2055	315	Accessory Electric Equipment	9,494,834	3,714,261	3,274,750	(439,511)		
Tolk 2 Retiring 2055	316	Miscellaneous Power Plant Equipment	1,318,439	653,335	580,703	(72,633)		
		Tolk 2- Total/Composite	54,856,791	21,639,222	19,846,204	(1,793,018)		
		Total Steam Production Plant	1,916,443,752	1,048,681,608	1,048,681,608	(0)		
		Other Production						
Blackhawk	342	Fuel Holders and Accessory Equipment	4,162,601	3,005,610	3,005,610	-		
		Blackhawk - Total/Composite	4,162,601	3,005,610	3,005,610	-		
Carlsbad	341	Structures and Improvements	-	(414)	-	414	(B)	
Carlsbad	342	Fuel Holders and Accessory Equipment	-	-	-	-	(B)	
Carlsbad	343	Prime Movers	-	1,916	-	(1,916)	(B)	
Carlsbad	344	Generators	-	(2,128)	-	2,128	(B)	
Carlsbad	345	Accessory Electric Equipment	-	(2,300)	-	2,300	(B)	
Carlsbad	346	Miscellaneous Power Plant Equipment	-	(27)	-	27	(B)	
		Carlsbad - Total/Composite	-	(2,954)	-	2,954		
Celanese	341	Structures and Improvements	-	-	-	-	(A)	
Celanese	342	Fuel Holders and Accessory Equipment	-	-	-	-	(A)	
Celanese	343	Prime Movers	-	-	-	-	(A)	
Celanese	344	Generators	-	-	-	-	(A)	
Celanese	345	Accessory Electric Equipment	-	-	-	-	(A)	
Celanese	346	Miscellaneous Power Plant Equipment	-	-	-	-	(A)	
		Celanese - Total/Composite	-	-	-	-		

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
At June 30, 2020

Appendix F

Production Unit	FERC Account	Description	Per Books		Reallocated		Difference	Notes
			Plant Balance	Texas Total Reserve Balance	Texas Total Reserve Balance			
			06/30/2020	06/30/2020	06/30/2020			
		(1)	(2)	(3)	(4)			
Cunningham	341	Structures and Improvements	546,614	207,507	217,759	10,252		
Cunningham	342	Fuel Holders and Accessory Equipment	1,516,324	535,642	502,716	(32,926)		
Cunningham	343	Prime Movers	50,152,598	23,534,443	21,516,171	(2,018,272)		
Cunningham	344	Generators	19,304,392	(2,496,762)	2,370,474	4,867,237		
Cunningham	345	Accessory Electric Equipment	6,067,009	2,895,026	2,678,146	(216,880)		
Cunningham	346	Miscellaneous Power Plant Equipment	1,140,410	426,968	397,189	(29,779)		
		Cunningham - Total/Composite	<u>78,727,347</u>	<u>25,102,823</u>	<u>27,682,455</u>	<u>2,579,632</u>		
Hale Wind Project	340.45	Wind Rights	-	-	-	-		
Hale Wind Project	341	Structures and Improvements	45,729,197	1,614,818	1,657,831	43,014		
Hale Wind Project	342	Fuel Holders and Accessory Equipment	-	-	-	-		
Hale Wind Project	343	Prime Movers	-	-	-	-		
Hale Wind Project	344	Generators	609,934,508	21,538,386	22,112,100	573,714		
Hale Wind Project	345	Accessory Electric Equipment	19,685,571	695,087	713,666	18,578		
Hale Wind Project	346	Miscellaneous Power Plant Equipment	16,091	568	583	15		
		Hale Wind Project - Total/Composite	<u>675,365,367</u>	<u>23,848,859</u>	<u>24,484,180</u>	<u>635,321</u>		
Jones Unit 3	341	Structures and Improvements	4,748,588	972,043	896,413	(75,630)		
Jones Unit 3	342	Fuel Holders and Accessory Equipment	(0)	(0)	(0)	-		
Jones Unit 3	343	Prime Movers	230,300	4,720	11,418	6,698		
Jones Unit 3	344	Generators	65,999,398	13,271,935	12,457,385	(814,550)		
Jones Unit 3	345	Accessory Electric Equipment	10,399,410	2,131,385	1,963,145	(168,240)		
Jones Unit 3	346	Miscellaneous Power Plant Equipment	1,591,994	324,113	300,528	(23,585)		
		Jones Unit 3 - Total/Composite	<u>82,969,689</u>	<u>16,704,195</u>	<u>15,628,888</u>	<u>(1,075,307)</u>		
Jones Unit 4	341	Structures and Improvements	6,504,975	1,036,037	955,091	(80,946)		
Jones Unit 4	342	Fuel Holders and Accessory Equipment	-	-	-	-		
Jones Unit 4	343	Prime Movers	-	-	-	-		
Jones Unit 4	344	Generators	65,769,544	10,156,644	9,523,992	(632,652)		
Jones Unit 4	345	Accessory Electric Equipment	10,703,795	1,705,218	1,571,582	(133,636)		
Jones Unit 4	346	Miscellaneous Power Plant Equipment	1,196,889	190,796	175,733	(15,063)		
		Jones Unit 4 - Total/Composite	<u>84,175,204</u>	<u>13,088,695</u>	<u>12,226,398</u>	<u>(862,297)</u>		
Maddox	341	Structures and Improvements	1,565,032	1,178,500	1,164,952	(13,548)		
Maddox	342	Fuel Holders and Accessory Equipment	512,886	431,882	422,110	(9,772)		
Maddox	344	Generators	15,736,001	12,636,639	12,187,527	(449,112)		
Maddox	345	Accessory Electric Equipment	1,627,920	1,226,730	1,164,315	(62,415)		
Maddox	346	Miscellaneous Power Plant Equipment	178,800	111,739	112,342	603		
		Maddox - Total/Composite	<u>19,620,639</u>	<u>15,585,490</u>	<u>15,051,245</u>	<u>(534,245)</u>		
Quay County	341	Structures and Improvements	916,182	310,722	284,678	(26,043)		
Quay County	342	Fuel Holders and Accessory Equipment	1,575	(772)	811	1,584		
Quay County	343	Prime Movers	4,620,155	3,308,962	3,103,690	(205,272)		
Quay County	344	Generators	17,085,114	6,212,984	5,794,190	(418,794)		
Quay County	345	Accessory Electric Equipment	3,131,078	1,188,518	1,110,392	(78,126)		
Quay County	346	Miscellaneous Power Plant Equipment	646,793	251,971	232,562	(19,408)		
		Quay County - Total/Composite	<u>26,400,898</u>	<u>11,272,384</u>	<u>10,526,324</u>	<u>(746,060)</u>		
Riverview	340	Land and Water Rights	676	674	676	1		
Riverview	341	Structures and Improvements	-	-	-	-	(A)	
Riverview	342	Fuel Holders and Accessory Equipment	-	-	-	-	(A)	
Riverview	343	Prime Movers	-	-	-	-	(A)	
Riverview	344	Generators	-	-	-	-	(A)	
Riverview	345	Accessory Electric Equipment	-	-	-	-	(A)	
Riverview	346	Miscellaneous Power Plant Equipment	-	-	-	-	(A)	
		Riverview - Total/Composite	<u>676</u>	<u>674</u>	<u>676</u>	<u>1</u>		
Tucumcari	341	Structures and Improvements	-	-	-	-	(A)	
Tucumcari	342	Fuel Holders and Accessory Equipment	-	-	-	-	(A)	
Tucumcari	343	Prime Movers	-	-	-	-	(A)	
Tucumcari	344	Generators	-	-	-	-	(A)	
Tucumcari	345	Accessory Electric Equipment	-	-	-	-	(A)	
Tucumcari	346	Miscellaneous Power Plant Equipment	-	-	-	-	(A)	
		Tucumcari - Total/Composite	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>		
		Total Other Production Plant	<u>971,422,421</u>	<u>108,605,776</u>	<u>108,605,776</u>	<u>0</u>		
		Total Production Plant	<u>2,887,866,174</u>	<u>1,157,287,384</u>	<u>1,157,287,384</u>	<u>(0)</u>		

Southwestern Public Service Company
Texas
Comparison of Plant, Book Depreciation Reserve, and Reallocated Reserve
At June 30, 2020

Production Unit	FERC Account	Description	Per Books		Reallocated	Difference	Notes
			Plant Balance	Texas Total Reserve Balance	Texas Total Reserve Balance		
			06/30/2020	06/30/2020	06/30/2020		
			(1)	(2)	(3)	(4)	
Transmission							
	350.2	Land Rights	161,306,699	17,264,503	14,751,868	(2,512,635)	
	352	Structures & Improvements	124,998,538	17,646,644	17,898,732	252,088	
	353	Station Equipment	1,244,840,351	176,616,828	157,393,582	(19,223,246)	
	354	Towers & Fixtures	8,208,692	2,914,638	2,515,297	(399,341)	
	355	Poles & Fixtures	1,393,028,406	239,844,456	271,668,120	31,823,663	
	356	Overhead Conductors & Devices	495,769,732	115,351,526	105,481,775	(9,869,751)	
	357	Underground Conduit	275,005	144,234	123,495	(20,739)	
	358	Underground Conductor & Devices	489,717	274,847	231,704	(43,144)	
	359	Roads and Trails	517,736	38,648	31,752	(6,896)	
		Total Transmission Plant	3,429,434,875	570,096,324	570,096,324	0	
Distribution (TX Only)							
	360.2	Land Rights	2,959,012	607,982	616,452	8,470	
	361	Structures & Improvements	17,647,834	2,367,740	2,225,977	(141,764)	
	362	Station Equipment	183,111,382	40,176,686	45,851,858	5,675,173	
	364	Poles, Towers & Fixtures	235,716,020	57,239,429	67,026,187	9,786,758	
	365	Overhead Conductors & Devices	178,117,945	51,259,701	49,188,515	(2,071,185)	
	366	Underground Conduit	19,704,035	8,243,521	7,135,414	(1,108,108)	
	367	Underground Conductor & Devices	36,900,712	10,756,205	9,271,730	(1,484,475)	
	368	Line Transformers	158,919,044	56,590,842	42,145,248	(14,445,594)	
	369.01	Services - Overhead	33,467,920	14,121,142	12,688,771	(1,432,371)	
	369.02	Services - Underground	30,340,349	13,214,377	11,503,008	(1,711,369)	
	370	Meters	43,606,437	16,181,147	19,874,904	3,693,757	
	371	Installations on Customers' Premises	8,129,851	6,574,674	5,335,309	(1,239,365)	
	373	Street Lighting & Signal Systems	19,050,140	3,815,354	8,285,428	4,470,074	
		Total Distribution Plant	967,670,682	281,148,800	281,148,800	-	
General							
	389.002	Land Rights	45,967	18,369	20,045	1,676	
	390	Structures & Improvements	82,638,793	23,133,910	19,738,688	(3,395,222)	
	390.007	Structures & Improvements - Leasehold	3,658,033	601,557	601,557	-	
	391	Office Furniture & Equipment	19,437,207	5,338,195	6,257,937	919,743	
	391.004	Network Equipment	92,062,289	47,423,647	51,322,360	3,898,713	
	392.01	Transportation Equipment - Autos	3,832,165	1,228,597	1,302,591	73,994	
	392.02	Transportation Equipment - Light Trucks	47,746,092	30,197,748	28,542,786	(1,654,962)	
	392.03	Transportation Equipment - Trailers	9,175,981	3,788,739	3,569,721	(219,017)	
	392.04	Transportation Equipment - Heavy Trucks	60,539,220	36,934,239	35,136,892	(1,797,346)	
	393	Stores Equipment	430,925	327,289	333,992	6,703	
	394	Tool, Shop & Garage Equipment	50,763,167	9,132,057	10,777,326	1,645,268	
	395	Laboratory Equipment	10,928,508	8,548,285	9,004,413	456,128	
	396	Power Operated Equipment	13,718,357	5,715,237	5,954,398	239,161	
	397	Communication Equipment	127,952,550	71,487,334	71,163,597	(323,738)	
	398	Miscellaneous Equipment	2,746,736	1,844,549	1,993,447	148,899	
		General Plant Reserve Deficiency		(8,564,300)	(8,564,300)	-	
		Total General Plant	525,675,990	237,155,451	237,155,451	(0)	
		Total Electric Plant	7,985,912,125	2,323,192,572	2,323,192,572	(0)	

Notes:

- (A) Assets have been retired. Remaining reserve balance will be reallocated in the depreciation study.
- (B) Blackhawk excluded from reserve reallocation.

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Acct
At June 30, 2020

Appendix G

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	B & M Estimate 2018 \$ (A)	Notes	Allocation to Unit/Acct	Escalated Dismantling Cost	Retirement Year
Steam Production								
Cunningham Common Facilities	310	Land Rights	53,100					
Cunningham Common Facilities	311	Structures and Improvements	7,797,408			2,520,605	2,520,605	
Cunningham Common Facilities	312	Boiler Plant Equipment	6,724,267			2,173,699	2,173,699	
Cunningham Common Facilities	314	Turbogenerators	452,061			146,134	146,134	
Cunningham Common Facilities	315	Accessory Electric Equipment	889,837			287,650	287,650	
Cunningham Common Facilities	316	Miscellaneous Power Plant Equipment	1,513,667			489,311	489,311	
Cunningham Common Facilities - Total/Composite			<u>17,430,339</u>	<u>5,617,400</u>		<u>5,617,400</u>	<u>5,617,400</u>	2040
Cunningham Unit 1	311	Structures and Improvements	2,390,443			588,846	588,846	
Cunningham Unit 1	312	Boiler Plant Equipment	8,188,668			2,017,142	2,017,142	
Cunningham Unit 1	314	Turbogenerators	6,137,045			1,511,759	1,511,759	
Cunningham Unit 1	315	Accessory Electric Equipment	935,547			230,457	230,457	
Cunningham Unit 1	316	Miscellaneous Power Plant Equipment	308,513			75,997	75,997	
Cunningham Unit 1 - Total/Composite			<u>17,960,216</u>	<u>4,424,200</u>		<u>4,424,200</u>	<u>4,424,200</u>	2019
Cunningham Unit 2	311	Structures and Improvements	2,344,020			394,983	394,983	
Cunningham Unit 2	312	Boiler Plant Equipment	17,757,427			2,992,243	2,992,243	
Cunningham Unit 2	314	Turbogenerators	11,620,507			1,958,132	1,958,132	
Cunningham Unit 2	315	Accessory Electric Equipment	5,251,493			884,911	884,911	
Cunningham Unit 2	316	Miscellaneous Power Plant Equipment	134,895			22,731	22,731	
Cunningham Unit 2 - Total/Composite			<u>37,108,342</u>	<u>6,253,000</u>		<u>6,253,000</u>	<u>6,253,000</u>	2025
Harrington Common Facilities Coal	310	Land Rights	-			-	-	
Harrington Common Facilities Coal	311	Structures and Improvements	1,649,218			966,679	966,679	
Harrington Common Facilities Coal	312	Boiler Plant Equipment	5,239,113			3,070,874	3,070,874	
Harrington Common Facilities Coal	314	Turbogenerators	-			-	-	
Harrington Common Facilities Coal	315	Accessory Electric Equipment	-			-	-	
Harrington Common Facilities Coal	316	Miscellaneous Power Plant Equipment	-			-	-	
Harrington Common Facilities - Total/Composite			<u>6,888,332</u>	<u>4,037,553</u>		<u>4,037,553</u>	<u>4,037,553</u>	2024
Harrington Unit 1 Coal	311	Structures and Improvements	-			-	-	
Harrington Unit 1 Coal	312	Boiler Plant Equipment	22,536,289			1,182,712	1,182,712	
Harrington Unit 1 Coal	314	Turbogenerators	-			-	-	
Harrington Unit 1 Coal	315	Accessory Electric Equipment	-			-	-	
Harrington Unit 1 Coal	316	Miscellaneous Power Plant Equipment	-			-	-	
Harrington Unit 1 - Total/Composite			<u>22,536,289</u>	<u>1,182,712</u>		<u>1,182,712</u>	<u>1,182,712</u>	2024
Harrington Unit 2 Coal	311	Structures and Improvements	-			-	-	
Harrington Unit 2 Coal	312	Boiler Plant Equipment	21,532,235			1,016,758	1,016,758	
Harrington Unit 2 Coal	314	Turbogenerators	-			-	-	
Harrington Unit 2 Coal	315	Accessory Electric Equipment	-			-	-	
Harrington Unit 2 Coal	316	Miscellaneous Power Plant Equipment	-			-	-	
Harrington Unit 2 - Total/Composite			<u>21,532,235</u>	<u>1,016,758</u>		<u>1,016,758</u>	<u>1,016,758</u>	2024
Harrington Unit 3 Coal	311	Structures and Improvements	-			-	-	
Harrington Unit 3 Coal	312	Boiler Plant Equipment	21,431,785			898,020	898,020	
Harrington Unit 3 Coal	314	Turbogenerators	-			-	-	
Harrington Unit 3 Coal	315	Accessory Electric Equipment	-			-	-	
Harrington Unit 3 Coal	316	Miscellaneous Power Plant Equipment	-			-	-	
Harrington Unit 3 - Total/Composite			<u>21,431,785</u>	<u>898,020</u>		<u>898,020</u>	<u>898,020</u>	2024
Harrington Common Facilities Gas	310	Land Rights	13,705					
Harrington Common Facilities Gas	311	Structures and Improvements	24,506,169			14,364,139	14,364,139	
Harrington Common Facilities Gas	312	Boiler Plant Equipment	11,133,606			6,525,894	6,525,894	
Harrington Common Facilities Gas	314	Turbogenerators	3,132,692			1,836,208	1,836,208	
Harrington Common Facilities Gas	315	Accessory Electric Equipment	1,266,658			742,444	742,444	
Harrington Common Facilities Gas	316	Miscellaneous Power Plant Equipment	2,629,324			1,541,162	1,541,162	
Harrington Common Facilities Gas - Total/Composite			<u>42,682,153</u>	<u>25,009,847</u>		<u>25,009,847</u>	<u>25,009,847</u>	2040
Harrington Unit 1 Gas	311	Structures and Improvements	6,984,160			366,531	366,531	
Harrington Unit 1 Gas	312	Boiler Plant Equipment	86,041,358			4,515,480	4,515,480	
Harrington Unit 1 Gas	314	Turbogenerators	42,872,764			2,249,978	2,249,978	
Harrington Unit 1 Gas	315	Accessory Electric Equipment	8,465,458			444,270	444,270	
Harrington Unit 1 Gas	316	Miscellaneous Power Plant Equipment	966,618			50,728	50,728	
Harrington Unit 1 Gas - Total/Composite			<u>145,330,358</u>	<u>7,626,988</u>		<u>7,626,988</u>	<u>7,626,988</u>	2036
Harrington Unit 2 Gas	311	Structures and Improvements	6,123,513			289,154	289,154	
Harrington Unit 2 Gas	312	Boiler Plant Equipment	94,494,104			4,462,036	4,462,036	
Harrington Unit 2 Gas	314	Turbogenerators	52,432,197			2,475,862	2,475,862	
Harrington Unit 2 Gas	315	Accessory Electric Equipment	6,311,913			298,050	298,050	
Harrington Unit 2 Gas	316	Miscellaneous Power Plant Equipment	1,546,811			73,041	73,041	
Harrington Unit 2 Gas - Total/Composite			<u>160,908,538</u>	<u>7,598,142</u>		<u>7,598,142</u>	<u>7,598,142</u>	2038
Harrington Unit 3 Gas	311	Structures and Improvements	9,579,196			401,381	401,381	
Harrington Unit 3 Gas	312	Boiler Plant Equipment	96,056,585			4,024,898	4,024,898	
Harrington Unit 3 Gas	314	Turbogenerators	55,165,918			2,311,525	2,311,525	
Harrington Unit 3 Gas	315	Accessory Electric Equipment	6,051,805			253,579	253,579	
Harrington Unit 3 Gas	316	Miscellaneous Power Plant Equipment	1,875,749			78,596	78,596	
Harrington Unit 3 Gas - Total/Composite			<u>168,729,254</u>	<u>7,069,980</u>		<u>7,069,980</u>	<u>7,069,980</u>	2040
Jones Common Facilities	311	Structures and Improvements	9,146,717			1,985,130	1,985,130	
Jones Common Facilities	312	Boiler Plant Equipment	12,712,390			2,758,995	2,758,995	
Jones Common Facilities	314	Turbogenerators	7,921,581			1,719,236	1,719,236	
Jones Common Facilities	315	Accessory Electric Equipment	2,949,892			640,221	640,221	
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,684,328			799,617	799,617	
Jones Common Facilities - Total/Composite			<u>36,414,908</u>	<u>7,903,200</u>		<u>7,903,200</u>	<u>7,903,200</u>	2058
Jones Unit 1	310	Land Rights	108,562					
Jones Unit 1	311	Structures and Improvements	4,986,143			874,201	874,201	
Jones Unit 1	312	Boiler Plant Equipment	23,088,339			4,047,989	4,047,989	
Jones Unit 1	314	Turbogenerators	22,922,127			4,018,848	4,018,848	
Jones Unit 1	315	Accessory Electric Equipment	2,767,418			485,201	485,201	
Jones Unit 1	316	Miscellaneous Power Plant Equipment	756,086			132,562	132,562	
Jones Unit 1 - Total/Composite			<u>54,628,673</u>	<u>9,558,800</u>		<u>9,558,800</u>	<u>9,558,800</u>	2031
Jones Unit 2	311	Structures and Improvements	2,103,978			430,824	430,824	
Jones Unit 2	312	Boiler Plant Equipment	18,413,931			3,770,553	3,770,553	
Jones Unit 2	314	Turbogenerators	23,574,447			4,827,254	4,827,254	
Jones Unit 2	315	Accessory Electric Equipment	3,403,934			697,011	697,011	
Jones Unit 2	316	Miscellaneous Power Plant Equipment	598,526			122,558	122,558	
Jones Unit 2 - Total/Composite			<u>48,094,816</u>	<u>9,848,200</u>		<u>9,848,200</u>	<u>9,848,200</u>	2034

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Acct
At June 30, 2020

Appendix G

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	B & M Estimate 2018 \$ (A)	Notes	Allocation to Unit/Acct	Escalated Dismantling Cost	Retirement Year
Maddox	310	Land Rights	19,971					
Maddox	311	Structures and Improvements	5,036,698			936,111	936,111	
Maddox	312	Boiler Plant Equipment	19,789,261			3,677,994	3,677,994	
Maddox	314	Turbogenerators	13,257,650			2,464,041	2,464,041	
Maddox	315	Accessory Electric Equipment	6,698,198			1,244,914	1,244,914	
Maddox	316	Miscellaneous Power Plant Equipment	963,849			179,139	179,139	
		Maddox - Total/Composite	45,765,628	8,502,200		8,502,200	8,502,200	2028
Moore County	310.2	Land Rights	463					
Moore County	310.3	Water Rights	17,164					
		Moore County - Total/Composite	17,627	-				
Nichols Common Facilities	310	Land Rights	676,746			-	-	
Nichols Common Facilities	311	Structures and Improvements	52,278,168			10,572,983	10,572,983	
Nichols Common Facilities	312	Boiler Plant Equipment	10,745,588			2,173,238	2,173,238	
Nichols Common Facilities	314	Turbogenerators	3,362,566			680,061	680,061	
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724			464,905	464,905	
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,339,803			473,213	473,213	
		Nichols Common Facilities - Total/Composite	71,701,594	14,364,400		14,364,400	14,364,400	2030
Nichols Unit 1	311	Structures and Improvements	2,079,418			331,389	331,389	
Nichols Unit 1	312	Boiler Plant Equipment	11,136,167			1,774,730	1,774,730	
Nichols Unit 1	314	Turbogenerators	10,028,558			1,598,214	1,598,214	
Nichols Unit 1	315	Accessory Electric Equipment	2,366,643			377,163	377,163	
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700			37,403	37,403	
		Nichols Unit 1 - Total/Composite	25,845,487	4,118,900		4,118,900	4,118,900	2022
Nichols Unit 2	311	Structures and Improvements	1,108,535			167,182	167,182	
Nichols Unit 2	312	Boiler Plant Equipment	12,559,512			1,894,148	1,894,148	
Nichols Unit 2	314	Turbogenerators	12,282,147			1,852,318	1,852,318	
Nichols Unit 2	315	Accessory Electric Equipment	1,038,609			156,637	156,637	
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	206,316			31,115	31,115	
		Nichols Unit 2 - Total/Composite	27,195,120	4,101,400		4,101,400	4,101,400	2023
Nichols Unit 3	311	Structures and Improvements	1,714,558			216,275	216,275	
Nichols Unit 3	312	Boiler Plant Equipment	20,367,774			2,569,195	2,569,195	
Nichols Unit 3	314	Turbogenerators	24,732,390			3,119,749	3,119,749	
Nichols Unit 3	315	Accessory Electric Equipment	2,338,191			294,940	294,940	
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	606,006			76,442	76,442	
		Nichols Unit 3 - Total/Composite	49,758,920	6,276,600		6,276,600	6,276,600	2030
Plant X Common Facilities	310	Water Rights	1,314,134					
Plant X Common Facilities	311	Structures and Improvements	8,440,275			5,738,537	5,738,537	
Plant X Common Facilities	312	Boiler Plant Equipment	4,642,506			3,156,437	3,156,437	
Plant X Common Facilities	314	Turbogenerators	3,483,472			2,368,410	2,368,410	
Plant X Common Facilities	315	Accessory Electric Equipment	310,189			210,897	210,897	
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,465,686			996,519	996,519	
		Plant X Common Facilities - Total/Composite	19,656,261	12,470,800		12,470,800	12,470,800	2027
Plant X Unit 1	311	Structures and Improvements	1,286,334			187,110	187,110	
Plant X Unit 1	312	Boiler Plant Equipment	6,262,149			910,889	910,889	
Plant X Unit 1	314	Turbogenerators	4,549,359			661,748	661,748	
Plant X Unit 1	315	Accessory Electric Equipment	907,835			132,053	132,053	
Plant X Unit 1	316	Miscellaneous Power Plant Equipment						
		Plant X Unit 1 - Total/Composite	13,005,677	1,891,800		1,891,800	1,891,800	2019
Plant X Unit 2	311	Structures and Improvements	1,021,771			136,806	136,806	
Plant X Unit 2	312	Boiler Plant Equipment	16,226,867			2,172,626	2,172,626	
Plant X Unit 2	314	Turbogenerators	6,729,793			901,056	901,056	
Plant X Unit 2	315	Accessory Electric Equipment	613,416			82,131	82,131	
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,890			7,081	7,081	
		Plant X Unit 2 - Total/Composite	24,644,736	3,299,700		3,299,700	3,299,700	2019
Plant X Unit 3	311	Structures and Improvements	1,034,626			179,112	179,112	
Plant X Unit 3	312	Boiler Plant Equipment	8,478,808			1,467,832	1,467,832	
Plant X Unit 3	314	Turbogenerators	7,508,924			1,299,928	1,299,928	
Plant X Unit 3	315	Accessory Electric Equipment	976,256			169,007	169,007	
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	949,190			164,322	164,322	
		Plant X Unit 3 - Total/Composite	18,947,804	3,280,200		3,280,200	3,280,200	2022
Plant X Unit 4	311	Structures and Improvements	1,914,398			190,403	190,403	
Plant X Unit 4	312	Boiler Plant Equipment	20,237,973			2,012,837	2,012,837	
Plant X Unit 4	314	Turbogenerators	16,946,451			1,685,468	1,685,468	
Plant X Unit 4	315	Accessory Electric Equipment	2,364,569			235,176	235,176	
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046			16,316	16,316	
		Plant X Unit 4 - Total/Composite	41,627,437	4,140,200		4,140,200	4,140,200	2027
Riverview	310	Land Rights	1,245					
		Riverview - Total/Composite	1,245	-				
Toik Common Facilities	310	Water Rights	10,220,448					
Toik Common Facilities	311	Structures and Improvements	32,260,870			38,339,347	38,339,347	
Toik Common Facilities	312	Boiler Plant Equipment	21,046,102			25,011,533	25,011,533	
Toik Common Facilities	314	Turbogenerators	11,437,755			13,592,815	13,592,815	
Toik Common Facilities	315	Accessory Electric Equipment	-			-	-	
Toik Common Facilities	316	Miscellaneous Power Plant Equipment	3,324,649			3,951,067	3,951,067	
		Toik Common Facilities - Total/Composite	78,289,824	80,894,762		80,894,762	80,894,762	2032
Toik 1	310	Land Rights	19,917					
Toik 1	311	Structures and Improvements	19,839,975			990,683	990,683	
Toik 1	312	Boiler Plant Equipment	193,068,659			9,640,624	9,640,624	
Toik 1	314	Turbogenerators	61,247,984			3,058,336	3,058,336	
Toik 1	315	Accessory Electric Equipment	3,717,944			185,651	185,651	
Toik 1	316	Miscellaneous Power Plant Equipment	521,526			26,042	26,042	
		Toik 1 - Total/Composite	278,416,005	13,901,335		13,901,335	13,901,335	2032
Toik 2	310	Land Rights	277,377					
Toik 2	311	Structures and Improvements	9,713,837			441,642	441,642	
Toik 2	312	Boiler Plant Equipment	211,369,253			9,609,955	9,609,955	
Toik 2	314	Turbogenerators	78,065,860			3,549,284	3,549,284	
Toik 2	315	Accessory Electric Equipment	3,295,699			149,840	149,840	
Toik 2	316	Miscellaneous Power Plant Equipment	2,241,379			101,905	101,905	
		Toik 2 - Total/Composite	304,963,406	13,852,625		13,852,625	13,852,625	2032

Southwestern Public Service Company
Allocation of Dismantling Cost by Unit/Acct
At June 30, 2020

Appendix G

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	B & M Estimate 2018 \$ (A)	Notes	Allocation to Unit/Acct	Escalated Dismantling Cost	Retirement Year
Tolk Common Facilities Retiring 205: 310		Water Rights TX	-					
Tolk Common Facilities Retiring 205: 311		Structures and Improvements	5,920,383			1,874,421	1,874,421	
Tolk Common Facilities Retiring 205: 312		Boiler Plant Equipment	545,776			172,795	172,795	
Tolk Common Facilities Retiring 205: 314		Turbogenerators	1,930,925			611,340	611,340	
Tolk Common Facilities Retiring 205: 315		Accessory Electric Equipment	22,551			7,140	7,140	
Tolk Common Facilities Retiring 205: 316		Miscellaneous Power Plant Equipment	3,663,374			1,159,842	1,159,842	
		Tolk Common Facilities - Total/Composite	12,083,009	3,825,538.00		3,825,538	3,825,538	2055
Tolk 1 Retiring 2055	310	Land Rights TX	-					
Tolk 1 Retiring 2055	311	Structures and Improvements	12,358,812			619,799	619,799	
Tolk 1 Retiring 2055	312	Boiler Plant Equipment	7,108,413			356,490	356,490	
Tolk 1 Retiring 2055	314	Turbogenerators	15,401,605			772,397	772,397	
Tolk 1 Retiring 2055	315	Accessory Electric Equipment	12,922,208			648,054	648,054	
Tolk 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	199,904			10,025	10,025	
		Tolk 1- Total/Composite	47,990,944	2,406,765		2,406,765	2,406,765	2055
Tolk 2 Retiring 2055	310	Land Rights TX	-					
Tolk 2 Retiring 2055	311	Structures and Improvements	8,645,191			386,972	386,972	
Tolk 2 Retiring 2055	312	Boiler Plant Equipment	8,030,975			359,479	359,479	
Tolk 2 Retiring 2055	314	Turbogenerators	27,367,352			1,225,005	1,225,005	
Tolk 2 Retiring 2055	315	Accessory Electric Equipment	9,494,834			425,003	425,003	
Tolk 2 Retiring 2055	316	Miscellaneous Power Plant Equipment	1,318,439			59,015	59,015	
		Tolk 2- Total/Composite	54,856,791	2,455,475		2,455,475	2,455,475	2055
Moore County		Moore County - Total/Composite	-	6,176,801 (C)		6,176,801	6,176,801	
		Total Steam Production Plant	1,916,443,752	284,004,301		284,004,301	284,004,301	
		Other Production						
Blackhawk	342	Fuel Holders and Accessory Equipment	4,162,601	616,706 (B)		616,706	616,706	
		Blackhawk - Total/Composite	4,162,601	616,706		616,706	616,706	2034
Cunningham	341	Structures and Improvements	546,614			7,226	7,226	
Cunningham	342	Fuel Holders and Accessory Equipment	1,516,324			20,044	20,044	
Cunningham	343	Prime Movers	50,152,598			662,969	662,969	
Cunningham	344	Generators	19,304,392			255,186	255,186	
Cunningham	345	Accessory Electric Equipment	6,067,009			80,200	80,200	
Cunningham	346	Miscellaneous Power Plant Equipment	1,140,410			15,075	15,075	
		Cunningham - Total/Composite	78,727,347	1,040,700		1,040,700	1,040,700	2040
Hale Wind Farm	340.45	Wind Rights	-			-	-	
Hale Wind Farm	341	Structures and Improvements	45,729,197			789,394	789,394	
Hale Wind Farm	342	Fuel Holders and Accessory Equipment	-			-	-	
Hale Wind Farm	343	Prime Movers	-			-	-	
Hale Wind Farm	344	Generators	609,934,508			10,528,909	10,528,909	
Hale Wind Farm	345	Accessory Electric Equipment	19,685,571			339,819	339,819	
Hale Wind Farm	346	Miscellaneous Power Plant Equipment	16,091			278	278	
		Hale Wind Project - Total Composite	675,365,367	11,658,400		11,658,400	11,658,400	2044
Jones Unit 3	341	Structures and Improvements	4,748,588			28,153	28,153	
Jones Unit 3	342	Fuel Holders and Accessory Equipment	(0)			(0)	(0)	
Jones Unit 3	343	Prime Movers	230,300			1,365	1,365	
Jones Unit 3	344	Generators	65,999,398			391,289	391,289	
Jones Unit 3	345	Accessory Electric Equipment	10,399,410			61,655	61,655	
Jones Unit 3	346	Miscellaneous Power Plant Equipment	1,591,994			9,438	9,438	
		Jones Unit 3 - Total/Composite	82,969,689	491,900		491,900	491,900	2056
Jones Unit 4	341	Structures and Improvements	6,504,975			38,014	38,014	
Jones Unit 4	342	Fuel Holders and Accessory Equipment	-			-	-	
Jones Unit 4	343	Prime Movers	-			-	-	
Jones Unit 4	344	Generators	65,769,544			384,342	384,342	
Jones Unit 4	345	Accessory Electric Equipment	10,703,795			62,550	62,550	
Jones Unit 4	346	Miscellaneous Power Plant Equipment	1,196,889			6,994	6,994	
		Jones Unit 4- Total/Composite	84,175,204	491,900		491,900	491,900	2058
Maddox	341	Structures and Improvements	1,565,032			86,097.87	86,098	
Maddox	342	Fuel Holders and Accessory Equipment	512,886			28,215.68	28,216	
Maddox	343	Prime Movers	-			-	-	
Maddox	344	Generators	15,736,001			865,692.49	865,692	
Maddox	345	Accessory Electric Equipment	1,627,920			89,557.55	89,558	
Maddox	346	Miscellaneous Power Plant Equipment	178,800			9,836.41	9,836	
		Maddox - Total/Composite	19,620,639	1,079,400		1,079,400	1,079,400	2025
Quay County	341	Structures and Improvements	916,182			17,959	17,959	
Quay County	342	Fuel Holders and Accessory Equipment	1,575			31	31	
Quay County	343	Prime Movers	4,620,155			90,562	90,562	
Quay County	344	Generators	17,085,114			334,896	334,896	
Quay County	345	Accessory Electric Equipment	3,131,078			61,374	61,374	
Quay County	346	Miscellaneous Power Plant Equipment	646,793			12,678	12,678	
		Quay County - Total/Composite	26,400,898	517,500		517,500	517,500	2034
Riverview	340	Land and Water Rights	676					
		Riverview - Total/Composite	676					
		Total Other Production Plant	971,422,421	15,896,506		15,896,506	15,896,506	
		Total Production	2,887,866,174	299,900,807		299,900,807	299,900,807	

Escalation Factor

0.00%

Notes:

- (A) Estimates from Burns & McDonnell Engineer Company, SPS Dismantling Study, Project 110383, dated 4/17/2019 unless otherwise noted.
- (B) Estimate from Xcel Energy internal study.
- (C) Final Dismantling Costs.

Southwestern Public Service Company
Computation of Composite Net Salvage
At June 30, 2020

Appendix H

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Cunningham Common Facilities	310	Land Rights	53,100	-	0%	-	-	-	0.00%
Cunningham Common Facilities	311	Structures and Improvements	7,797,408	559,436	-15%	(83,915)	(2,520,605)	(2,604,521)	-33.40%
Cunningham Common Facilities	312	Boiler Plant Equipment	6,724,267	892,159	-15%	(133,824)	(2,173,699)	(2,307,523)	-34.32%
Cunningham Common Facilities	314	Turbogenerators	452,061	39,423	-15%	(5,913)	(146,134)	(152,048)	-33.63%
Cunningham Common Facilities	315	Accessory Electric Equipment	889,837	157,415	-15%	(23,612)	(287,650)	(311,263)	-34.98%
Cunningham Common Facilities	316	Miscellaneous Power Plant Equipment	1,513,667	305,827	-5%	(15,291)	(489,311)	(504,602)	-33.34%
Cunningham Common Facilities - Total/Composite			17,430,339	1,954,260		(262,556)	(5,617,400)	(5,879,956)	-33.73%
Cunningham Unit 1	311	Structures and Improvements	2,390,443	-	0%	-	(588,846)	(588,846)	-24.63%
Cunningham Unit 1	312	Boiler Plant Equipment	8,188,668	-	0%	-	(2,017,142)	(2,017,142)	-24.63%
Cunningham Unit 1	314	Turbogenerators	6,137,045	-	0%	-	(1,511,759)	(1,511,759)	-24.63%
Cunningham Unit 1	315	Accessory Electric Equipment	935,547	-	0%	-	(230,457)	(230,457)	-24.63%
Cunningham Unit 1	316	Miscellaneous Power Plant Equipment	308,513	-	0%	-	(75,997)	(75,997)	-24.63%
Cunningham Unit 1 - Total/Composite			17,960,216	-		-	(4,424,200)	(4,424,200)	-24.63%
Cunningham Unit 2	311	Structures and Improvements	2,344,020	65,262	-15%	(9,789)	(394,983)	(404,772)	-17.27%
Cunningham Unit 2	312	Boiler Plant Equipment	17,757,427	663,666	-15%	(99,550)	(2,992,243)	(3,091,793)	-17.41%
Cunningham Unit 2	314	Turbogenerators	11,620,507	380,662	-15%	(57,099)	(1,958,132)	(2,015,231)	-17.34%
Cunningham Unit 2	315	Accessory Electric Equipment	5,251,493	52,247	-15%	(7,837)	(884,911)	(892,748)	-17.00%
Cunningham Unit 2	316	Miscellaneous Power Plant Equipment	134,895	2,978	-5%	(149)	(22,731)	(22,880)	-16.96%
Cunningham Unit 2 - Total/Composite			37,108,342	1,164,816		(174,425)	(6,253,000)	(6,427,425)	-17.32%
Harrington Common Facilities Coal	310	Land Rights	-	-	0%	-	-	-	0.00%
Harrington Common Facilities Coal	311	Structures and Improvements	1,649,218	14,819	-15%	(2,223)	(966,679)	(968,902)	-58.75%
Harrington Common Facilities Coal	312	Boiler Plant Equipment	5,239,113	119,565	-15%	(17,935)	(3,070,874)	(3,088,809)	-58.96%
Harrington Common Facilities Coal	314	Turbogenerators	-	-	-15%	-	-	-	-58.91%
Harrington Common Facilities Coal	315	Accessory Electric Equipment	-	-	-15%	-	-	-	-58.91%
Harrington Common Facilities Coal	316	Miscellaneous Power Plant Equipment	-	-	-5%	-	-	-	-58.91%
Harrington Common Facilities - Total/Composite			6,888,332	134,384		(20,158)	(4,037,553)	(4,057,711)	-58.91%
Harrington Unit 1 Coal	311	Structures and Improvements	-	-	-15%	-	-	-	0.00%
Harrington Unit 1 Coal	312	Boiler Plant Equipment	22,536,289	644,865	-15%	(96,730)	(1,182,712)	(1,279,442)	-5.68%
Harrington Unit 1 Coal	314	Turbogenerators	-	-	-15%	-	-	-	-5.68%
Harrington Unit 1 Coal	315	Accessory Electric Equipment	-	-	-15%	-	-	-	-5.68%
Harrington Unit 1 Coal	316	Miscellaneous Power Plant Equipment	-	-	-5%	-	-	-	-5.68%
Harrington Unit 1 - Total/Composite			22,536,289	644,865		(96,730)	(1,182,712)	(1,279,442)	-5.68%
Harrington Unit 2 Coal	311	Structures and Improvements	-	-	-15%	-	-	-	0.00%
Harrington Unit 2 Coal	312	Boiler Plant Equipment	21,532,235	631,376	-15%	(94,706)	(1,016,758)	(1,111,464)	-5.16%
Harrington Unit 2 Coal	314	Turbogenerators	-	-	-15%	-	-	-	-5.16%
Harrington Unit 2 Coal	315	Accessory Electric Equipment	-	-	-15%	-	-	-	-5.16%
Harrington Unit 2 Coal	316	Miscellaneous Power Plant Equipment	-	-	-5%	-	-	-	-5.16%
Harrington Unit 2 - Total/Composite			21,532,235	631,376		(94,706)	(1,016,758)	(1,111,464)	-5.16%
Harrington Unit 3 Coal	311	Structures and Improvements	-	-	-15%	-	-	-	0.00%
Harrington Unit 3 Coal	312	Boiler Plant Equipment	21,431,785	701,609	-15%	(105,241)	(898,020)	(1,003,262)	-4.68%
Harrington Unit 3 Coal	314	Turbogenerators	-	-	-15%	-	-	-	-4.68%
Harrington Unit 3 Coal	315	Accessory Electric Equipment	-	-	-15%	-	-	-	-4.68%
Harrington Unit 3 Coal	316	Miscellaneous Power Plant Equipment	-	-	-5%	-	-	-	-4.68%
Harrington Unit 3 - Total/Composite			21,431,785	701,609		(105,241)	(898,020)	(1,003,262)	-4.68%

Southwestern Public Service Company
Computation of Composite Net Salvage
At June 30, 2020

Appendix H

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Harrington Common Facilities Gas	310	Land Rights	13,705	-	0%	(337,790)	(14,364,139)	(14,701,929)	0.00%
Harrington Common Facilities Gas	311	Structures and Improvements	24,506,169	2,251,934	-15%	(236,059)	(6,525,894)	(6,761,953)	-59.99%
Harrington Common Facilities Gas	312	Boiler Plant Equipment	11,133,606	1,573,725	-15%	(1,836,208)	(1,836,208)	(1,836,208)	-60.73%
Harrington Common Facilities Gas	314	Turbogenerators	3,132,692	375,497	-15%	(4,240,116)	(4,240,116)	(4,240,116)	-60.41%
Harrington Common Facilities Gas	315	Accessory Electric Equipment	1,266,658	94,935	-15%	(1,541,162)	(1,541,162)	(1,541,162)	-59.63%
Harrington Common Facilities Gas	316	Miscellaneous Power Plant Equipment	2,629,324	532,377	-5%	(25,009,847)	(25,009,847)	(25,009,847)	-60.17%
Harrington Common Facilities Gas - Total/Composite			42,682,153	4,828,468		(671,032)	(25,009,847)	(25,680,879)	-60.17%
Harrington Unit 1 Gas	311	Structures and Improvements	6,984,160	883,926	-15%	(132,589)	(366,531)	(499,120)	-7.15%
Harrington Unit 1 Gas	312	Boiler Plant Equipment	86,041,358	12,800,226	-15%	(1,920,034)	(4,515,480)	(6,435,514)	-7.48%
Harrington Unit 1 Gas	314	Turbogenerators	42,872,764	4,166,345	-15%	(624,952)	(2,249,978)	(2,874,929)	-6.71%
Harrington Unit 1 Gas	315	Accessory Electric Equipment	8,465,458	1,316,927	-15%	(197,539)	(444,270)	(641,809)	-7.58%
Harrington Unit 1 Gas	316	Miscellaneous Power Plant Equipment	966,618	155,994	-5%	(7,800)	(50,728)	(58,528)	-6.05%
Harrington Unit 1 Gas - Total/Composite			145,330,358	19,323,419		(2,882,913)	(7,626,988)	(10,509,901)	-7.23%
Harrington Unit 2 Gas	311	Structures and Improvements	6,123,513	752,507	-15%	(112,876)	(289,154)	(402,030)	-6.57%
Harrington Unit 2 Gas	312	Boiler Plant Equipment	94,494,104	16,648,396	-15%	(2,497,259)	(4,462,036)	(6,959,295)	-7.36%
Harrington Unit 2 Gas	314	Turbogenerators	52,432,197	5,455,126	-15%	(818,269)	(2,475,862)	(3,294,131)	-6.28%
Harrington Unit 2 Gas	315	Accessory Electric Equipment	6,311,913	1,096,964	-15%	(164,545)	(298,050)	(462,595)	-7.33%
Harrington Unit 2 Gas	316	Miscellaneous Power Plant Equipment	1,546,811	297,989	-5%	(14,900)	(73,041)	(87,941)	-5.69%
Harrington Unit 2 Gas - Total/Composite			160,908,538	24,250,993		(3,607,849)	(7,598,142)	(11,205,991)	-6.96%
Harrington Unit 3 Gas	311	Structures and Improvements	9,579,196	1,403,699	-15%	(210,555)	(401,381)	(611,936)	-6.39%
Harrington Unit 3 Gas	312	Boiler Plant Equipment	96,056,585	21,120,098	-15%	(3,168,015)	(4,024,898)	(7,192,913)	-7.49%
Harrington Unit 3 Gas	314	Turbogenerators	55,165,918	7,227,715	-15%	(1,084,157)	(2,311,525)	(3,395,683)	-6.16%
Harrington Unit 3 Gas	315	Accessory Electric Equipment	6,051,805	1,390,466	-15%	(208,570)	(253,579)	(462,149)	-7.64%
Harrington Unit 3 Gas	316	Miscellaneous Power Plant Equipment	1,875,749	394,103	-5%	(19,705)	(78,596)	(98,302)	-5.24%
Harrington Unit 3 Gas - Total/Composite			168,729,254	31,536,082		(4,691,002)	(7,069,980)	(11,760,982)	-6.97%
Jones Common Facilities	311	Structures and Improvements	9,146,717	1,955,107	-15%	(293,266)	(1,985,130)	(2,278,396)	-24.91%
Jones Common Facilities	312	Boiler Plant Equipment	12,712,390	4,993,957	-15%	(749,094)	(2,758,995)	(3,508,089)	-27.60%
Jones Common Facilities	314	Turbogenerators	7,921,581	2,355,612	-15%	(353,342)	(1,719,236)	(2,072,578)	-26.16%
Jones Common Facilities	315	Accessory Electric Equipment	2,949,892	816,787	-15%	(122,518)	(640,221)	(762,739)	-25.86%
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,684,328	1,401,171	-5%	(70,059)	(799,617)	(869,676)	-23.60%
Jones Common Facilities - Total/Composite			36,414,908	11,522,634		(1,588,278)	(7,903,200)	(9,491,478)	-26.06%
Jones Unit 1	310	Land Rights	108,562	-	0%	(51,297)	(874,201)	(925,498)	-18.56%
Jones Unit 1	311	Structures and Improvements	4,986,143	341,981	-15%	(321,965)	(4,047,989)	(4,369,954)	-18.93%
Jones Unit 1	312	Boiler Plant Equipment	23,088,339	2,146,435	-15%	(2,224,116)	(4,018,848)	(4,242,964)	-18.51%
Jones Unit 1	314	Turbogenerators	22,922,127	1,494,109	-15%	(22,296)	(485,201)	(507,497)	-18.34%
Jones Unit 1	315	Accessory Electric Equipment	2,767,418	148,642	-15%	(4,530)	(132,562)	(137,091)	-18.13%
Jones Unit 1	316	Miscellaneous Power Plant Equipment	756,086	90,597	-5%	(624,205)	(9,558,800)	(10,183,005)	-18.64%
Jones Unit 1 - Total/Composite			54,628,673	4,221,764		(624,205)	(9,558,800)	(10,183,005)	-18.64%
Jones Unit 2	311	Structures and Improvements	2,103,978	206,375	-15%	(30,956)	(430,824)	(461,780)	-21.95%
Jones Unit 2	312	Boiler Plant Equipment	18,413,931	2,639,283	-15%	(395,892)	(3,770,553)	(4,166,446)	-22.63%
Jones Unit 2	314	Turbogenerators	23,574,447	2,046,005	-15%	(306,901)	(4,827,254)	(5,134,154)	-21.78%
Jones Unit 2	315	Accessory Electric Equipment	3,403,934	236,502	-15%	(697,011)	(697,011)	(732,487)	-21.52%
Jones Unit 2	316	Miscellaneous Power Plant Equipment	598,526	90,325	-5%	(4,516)	(122,558)	(127,074)	-21.23%
Jones Unit 2 - Total/Composite			48,094,816	5,218,490		(773,741)	(9,848,200)	(10,621,941)	-22.09%

Southwestern Public Service Company
Computation of Composite Net Salvage
At June 30, 2020

Appendix H

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Maddox	310	Land Rights	19,971	-	0%	-	-	-	0.00%
Maddox	311	Structures and Improvements	5,036,698	170,725	-15%	(25,609)	(936,111)	(961,720)	-19.09%
Maddox	312	Boiler Plant Equipment	19,789,261	996,957	-15%	(149,544)	(3,677,994)	(3,827,538)	-19.34%
Maddox	314	Turbogenerators	13,257,650	602,174	-15%	(90,325)	(2,464,041)	(2,554,367)	-19.27%
Maddox	315	Accessory Electric Equipment	6,698,198	162,395	-15%	(24,359)	(1,244,914)	(1,269,274)	-18.95%
Maddox	316	Miscellaneous Power Plant Equipment	963,849	57,659	-5%	(2,883)	(179,139)	(182,022)	-18.88%
		Maddox - Total/Composite	45,765,628	1,989,910		(292,721)	(8,502,200)	(8,794,921)	-19.22%
Moore County	310.2	Land Rights	463	-	0%	-	-	-	0.00%
Moore County	310.3	Water Rights	17,164	-	0%	-	-	-	0.00%
		Moore County - Total/Composite	17,627	-		-	-	-	0.00%
Nichols Common Facilities	310	Land Rights	676,746	-	0%	-	-	-	0.00%
Nichols Common Facilities	311	Structures and Improvements	52,278,168	1,628,454	-15%	(244,268)	(10,572,983)	(10,817,251)	-20.69%
Nichols Common Facilities	312	Boiler Plant Equipment	10,745,588	483,522	-15%	(72,528)	(2,173,238)	(2,245,767)	-20.90%
Nichols Common Facilities	314	Turbogenerators	3,362,566	162,260	-15%	(24,339)	(680,061)	(704,400)	-20.95%
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724	118,796	-15%	(17,819)	(464,905)	(482,724)	-21.00%
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,339,803	210,127	-5%	(10,506)	(473,213)	(483,719)	-20.67%
		Nichols Common Facilities - Total/Composite	71,701,594	2,603,158		(369,461)	(14,364,400)	(14,733,861)	-20.55%
Nichols Unit 1	311	Structures and Improvements	2,079,418	25,587	-15%	(3,838)	(331,389)	(335,227)	-16.12%
Nichols Unit 1	312	Boiler Plant Equipment	11,136,167	118,481	-15%	(17,772)	(1,774,730)	(1,792,502)	-16.10%
Nichols Unit 1	314	Turbogenerators	10,028,558	124,440	-15%	(18,666)	(1,598,214)	(1,616,880)	-16.12%
Nichols Unit 1	315	Accessory Electric Equipment	2,366,643	22,825	-15%	(3,424)	(377,163)	(380,587)	-16.08%
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700	2,969	-5%	(148)	(37,403)	(37,552)	-16.00%
		Nichols Unit 1 - Total/Composite	25,845,487	294,303		(43,849)	(4,118,900)	(4,162,749)	-16.11%
Nichols Unit 2	311	Structures and Improvements	1,108,535	24,050	-15%	(3,607)	(167,182)	(170,790)	-15.41%
Nichols Unit 2	312	Boiler Plant Equipment	12,559,512	250,922	-15%	(37,638)	(1,894,148)	(1,931,786)	-15.38%
Nichols Unit 2	314	Turbogenerators	12,282,147	215,607	-15%	(32,341)	(1,852,318)	(1,884,659)	-15.34%
Nichols Unit 2	315	Accessory Electric Equipment	1,038,609	26,875	-15%	(4,031)	(156,637)	(160,668)	-15.47%
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	206,316	2,803	-5%	(140)	(31,115)	(31,255)	-15.15%
		Nichols Unit 2 - Total/Composite	27,195,120	520,256		(77,758)	(4,101,400)	(4,179,158)	-15.37%
Nichols Unit 3	311	Structures and Improvements	1,714,558	127,855	-15%	(19,178)	(216,275)	(235,453)	-13.73%
Nichols Unit 3	312	Boiler Plant Equipment	20,367,774	1,904,154	-15%	(285,623)	(2,569,195)	(2,854,818)	-14.02%
Nichols Unit 3	314	Turbogenerators	24,732,390	1,462,236	-15%	(219,335)	(3,119,749)	(3,339,084)	-13.50%
Nichols Unit 3	315	Accessory Electric Equipment	2,338,191	213,608	-15%	(32,041)	(294,940)	(326,981)	-13.98%
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	606,006	31,858	-5%	(1,593)	(76,442)	(78,035)	-12.88%
		Nichols Unit 3 - Total/Composite	49,758,920	3,739,712		(557,771)	(6,276,600)	(6,834,371)	-13.73%
Plant X Common Facilities	310	Water Rights	1,314,134	-	0%	-	-	-	0.00%
Plant X Common Facilities	311	Structures and Improvements	8,440,275	203,901	-15%	(30,585)	(5,738,537)	(5,769,122)	-68.35%
Plant X Common Facilities	312	Boiler Plant Equipment	4,642,506	146,041	-15%	(21,906)	(3,156,437)	(3,178,343)	-68.46%
Plant X Common Facilities	314	Turbogenerators	3,483,472	87,453	-15%	(13,118)	(2,368,410)	(2,381,528)	-68.37%
Plant X Common Facilities	315	Accessory Electric Equipment	310,189	2,423	-15%	(363)	(210,897)	(211,261)	-68.11%
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,465,686	84,605	-5%	(4,230)	(996,519)	(1,000,749)	-68.28%
		Plant X Common Facilities - Total/Composite	19,656,261	524,423		(70,203)	(12,470,800)	(12,541,003)	-63.80%
Plant X Unit 1	311	Structures and Improvements	1,286,334	-	0%	-	(187,110)	(187,110)	-14.55%
Plant X Unit 1	312	Boiler Plant Equipment	6,262,149	-	0%	-	(910,889)	(910,889)	-14.55%
Plant X Unit 1	314	Turbogenerators	4,549,359	-	0%	-	(661,748)	(661,748)	-14.55%
Plant X Unit 1	315	Accessory Electric Equipment	907,835	-	0%	-	(132,053)	(132,053)	-14.55%
Plant X Unit 1	316	Miscellaneous Power Plant Equipment	-	-	0%	-	-	-	-
		Plant X Unit 1 - Total/Composite	13,005,677	-		-	(1,891,800)	(1,891,800)	-14.55%

Southwestern Public Service Company
Computation of Composite Net Salvage
At June 30, 2020

Appendix H

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Plant X Unit 2	311	Structures and Improvements	1,021,771	-	0%	-	(136,806)	(136,806)	-13.39%
Plant X Unit 2	312	Boiler Plant Equipment	16,226,867	-	0%	-	(2,172,626)	(2,172,626)	-13.39%
Plant X Unit 2	314	Turbogenerators	6,729,793	-	0%	-	(901,056)	(901,056)	-13.39%
Plant X Unit 2	315	Accessory Electric Equipment	613,416	-	0%	-	(82,131)	(82,131)	-13.39%
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,890	-	0%	-	(7,081)	(7,081)	-13.39%
Plant X Unit 2 - Total/Composite			24,644,736	-	-	-	(3,299,700)	(3,299,700)	-13.39%
Plant X Unit 3	311	Structures and Improvements	1,034,626	14,070	-15%	(2,111)	(179,112)	(181,223)	-17.52%
Plant X Unit 3	312	Boiler Plant Equipment	8,478,808	130,505	-15%	(19,576)	(1,467,832)	(1,487,407)	-17.54%
Plant X Unit 3	314	Turbogenerators	7,508,924	90,888	-15%	(13,633)	(1,299,928)	(1,313,561)	-17.49%
Plant X Unit 3	315	Accessory Electric Equipment	976,256	8,596	-15%	(1,289)	(169,007)	(170,297)	-17.44%
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	949,190	11,957	-5%	(598)	(164,322)	(164,919)	-17.37%
Plant X Unit 3 - Total/Composite			18,947,804	256,017	-	(37,207)	(3,280,200)	(3,317,407)	-17.51%
Plant X Unit 4	311	Structures and Improvements	1,914,398	74,465	-15%	(11,170)	(190,403)	(201,573)	-10.53%
Plant X Unit 4	312	Boiler Plant Equipment	20,237,973	1,140,836	-15%	(171,125)	(2,012,837)	(2,183,963)	-10.79%
Plant X Unit 4	314	Turbogenerators	16,946,451	668,011	-15%	(100,202)	(1,685,468)	(1,785,669)	-10.54%
Plant X Unit 4	315	Accessory Electric Equipment	2,364,569	108,371	-15%	(16,256)	(235,176)	(251,432)	-10.63%
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046	6,955	-5%	(348)	(16,316)	(16,664)	-10.16%
Plant X Unit 4 - Total/Composite			41,627,437	1,998,639	-	(299,100)	(4,140,200)	(4,439,300)	-10.66%
Riverview	310	Land Rights	1,245	-	0%	-	-	-	0.00%
Riverview - Total/Composite			1,245	-	-	-	-	-	0.00%
Tolk Common Facilities	310	Water Rights	10,220,448	-	0%	-	-	-	0.00%
Tolk Common Facilities	311	Structures and Improvements	32,260,870	973,396	-15%	(146,009)	(38,339,347)	(38,485,357)	-119.29%
Tolk Common Facilities	312	Boiler Plant Equipment	21,046,102	1,364,860	-15%	(204,729)	(25,011,533)	(25,216,262)	-119.81%
Tolk Common Facilities	314	Turbogenerators	11,437,755	569,802	-15%	(85,470)	(13,592,815)	(13,678,285)	-119.59%
Tolk Common Facilities	315	Accessory Electric Equipment	-	-	-15%	-	-	-	-103.91%
Tolk Common Facilities	316	Miscellaneous Power Plant Equipment	3,324,649	404,344	-5%	(20,217)	(3,951,067)	(3,971,284)	-119.45%
Tolk Common Facilities - Total/Composite			78,269,824	3,312,403	-	(456,426)	(80,894,762)	(81,351,188)	-103.91%
Tolk 1	310	Land Rights	19,917	-	0%	-	-	-	0.00%
Tolk 1	311	Structures and Improvements	19,839,975	1,467,242	-15%	(220,086)	(990,683)	(1,210,769)	-6.10%
Tolk 1	312	Boiler Plant Equipment	193,068,659	21,959,412	-15%	(3,293,912)	(9,640,624)	(12,934,336)	-6.70%
Tolk 1	314	Turbogenerators	61,247,984	5,170,657	-15%	(775,599)	(3,058,336)	(3,833,934)	-6.26%
Tolk 1	315	Accessory Electric Equipment	3,717,944	510,475	-15%	(76,571)	(185,651)	(262,222)	-7.05%
Tolk 1	316	Miscellaneous Power Plant Equipment	521,526	59,830	-5%	(2,991)	(26,042)	(29,033)	-5.57%
Tolk 1 - Total/Composite			278,416,005	29,167,615	-	(4,369,159)	(13,901,335)	(18,270,494)	-6.56%
Tolk 2	310	Land Rights	277,377	-	0%	-	-	-	0.00%
Tolk 2	311	Structures and Improvements	9,713,837	652,518	-15%	(97,878)	(441,642)	(539,520)	-5.55%
Tolk 2	312	Boiler Plant Equipment	211,369,253	22,405,293	-15%	(3,360,794)	(9,609,955)	(12,970,749)	-6.14%
Tolk 2	314	Turbogenerators	78,065,860	6,217,721	-15%	(932,658)	(3,549,284)	(4,481,942)	-5.74%
Tolk 2	315	Accessory Electric Equipment	3,295,699	290,416	-15%	(43,562)	(149,840)	(193,402)	-5.87%
Tolk 2	316	Miscellaneous Power Plant Equipment	2,241,379	275,989	-5%	(13,799)	(101,905)	(115,704)	-5.16%
Tolk 2 - Total/Composite			304,963,406	29,841,936	-	(4,448,692)	(13,852,625)	(18,301,317)	-6.00%
Tolk Common Facilities Retiring 2055	310	Water Rights TX	-	-	0%	-	-	-	0.00%
Tolk Common Facilities Retiring 2055	311	Structures and Improvements	5,920,383	944,106	-15%	(141,616)	(1,874,421)	(2,016,037)	-34.05%
Tolk Common Facilities Retiring 2055	312	Boiler Plant Equipment	545,776	138,183	-15%	(20,727)	(172,795)	(193,523)	-35.46%
Tolk Common Facilities Retiring 2055	314	Turbogenerators	1,930,925	359,910	-15%	(53,986)	(611,340)	(665,327)	-34.46%
Tolk Common Facilities Retiring 2055	315	Accessory Electric Equipment	22,551	3,252	-15%	(488)	(7,140)	(7,628)	-33.82%
Tolk Common Facilities Retiring 2055	316	Miscellaneous Power Plant Equipment	3,663,374	1,316,650	-5%	(65,832)	(1,159,842)	(1,225,674)	-33.46%
Tolk Common Facilities Retiring 2055			12,083,009	2,762,100	-	(282,650)	(3,823,538)	(4,108,188)	-34.00%

Southwestern Public Service Company
Computation of Composite Net Salvage
At June 30, 2020

Appendix H

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Tolk 1 Retiring 2055	310	Land Rights TX	-	-	0%	-	-	-	0.00%
Tolk 1 Retiring 2055	311	Structures and Improvements	12,358,812	3,675,016	-15%	(551,252)	(619,799)	(1,171,052)	-9.48%
Tolk 1 Retiring 2055	312	Boiler Plant Equipment	7,108,413	3,791,868	-15%	(568,490)	(356,490)	(925,270)	-13.02%
Tolk 1 Retiring 2055	314	Turbogenerators	15,401,605	5,023,001	-15%	(775,450)	(772,397)	(1,525,847)	-9.91%
Tolk 1 Retiring 2055	315	Accessory Electric Equipment	12,922,208	6,125,772	-15%	(918,866)	(648,054)	(1,566,920)	-12.13%
Tolk 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	199,904	78,009	-5%	(3,900)	(10,025)	(13,926)	-6.97%
		Tolk 1 - Total/Composite	47,990,944	18,693,665		(2,796,249)	(2,406,765)	(5,203,014)	-10.84%
Tolk 2 Retiring 2055	310	Land Rights TX	-	-	0%	-	-	-	0.00%
Tolk 2 Retiring 2055	311	Structures and Improvements	8,645,191	2,631,762	-15%	(394,764)	(386,972)	(781,736)	-9.04%
Tolk 2 Retiring 2055	312	Boiler Plant Equipment	8,030,975	4,220,950	-15%	(633,142)	(359,479)	(992,621)	-12.36%
Tolk 2 Retiring 2055	314	Turbogenerators	27,367,352	6,871,345	-15%	(1,030,702)	(1,225,005)	(2,255,707)	-8.24%
Tolk 2 Retiring 2055	315	Accessory Electric Equipment	9,494,834	3,909,223	-15%	(986,383)	(425,003)	(1,011,387)	-10.65%
Tolk 2 Retiring 2055	316	Miscellaneous Power Plant Equipment	1,318,439	503,840	-5%	(25,192)	(59,015)	(84,207)	-6.39%
		Tolk 2 - Total/Composite	54,856,791	18,137,120		(2,670,184)	(2,455,475)	(5,125,659)	-9.34%
		Total Steam Production Plant	1,916,443,752	219,974,418		(32,364,266)	(277,827,500)	(310,191,766)	-16.19%
		Other Production							
Blackhawk	342	Fuel Holders and Accessory Equipment	4,162,601	142,897	-5%	(7,145)	(616,706)	(623,851)	-14.99%
		Blackhawk - Total/Composite	4,162,601	142,897		(7,145)	(616,706)	(623,851)	-14.99%
Cunningham	341	Structures and Improvements	546,614	42,985	-5%	(2,149)	(7,226)	(9,375)	-1.72%
Cunningham	342	Fuel Holders and Accessory Equipment	1,516,324	90,595	-5%	(4,530)	(20,044)	(24,574)	-1.62%
Cunningham	343	Prime Movers	50,152,598	6,887,913	-3%	(206,637)	(662,969)	(669,607)	-1.73%
Cunningham	344	Generators	19,304,392	1,427,154	-3%	(42,815)	(255,186)	(298,000)	-1.54%
Cunningham	345	Accessory Electric Equipment	6,067,009	714,744	-5%	(35,737)	(80,200)	(115,937)	-1.91%
Cunningham	346	Miscellaneous Power Plant Equipment	1,140,410	181,789	-5%	(9,089)	(15,075)	(24,165)	-2.12%
		Cunningham - Total/Composite	78,727,347	9,345,181		(300,958)	(1,040,700)	(1,341,658)	-1.70%
Hale Wind Project	340,45	Wind Rights	-	-	0%	0	-	0	0.00%
Hale Wind Project	341	Structures and Improvements	45,729,197	2,569,864	-5%	(128,493)	(789,394)	(917,887)	-2.01%
Hale Wind Project	342	Fuel Holders and Accessory Equipment	-	-	-5%	0	-	0	-1.99%
Hale Wind Project	343	Prime Movers	-	-	-3%	0	-	0	-1.99%
Hale Wind Project	344	Generators	609,934,508	53,164,432	-3%	(1,594,933)	(10,528,909)	(12,123,842)	-1.99%
Hale Wind Project	345	Accessory Electric Equipment	19,685,571	656,582	-5%	(32,829)	(339,819)	(372,649)	-1.89%
Hale Wind Project	346	Miscellaneous Power Plant Equipment	16,091	2,241	-5%	(112)	(278)	(390)	-2.42%
		Hale Wind Project - Total/Composite	675,365,367	56,393,118		(1,756,367)	(11,658,400)	(13,414,767)	-1.99%
Jones Unit 3	341	Structures and Improvements	4,748,588	694,370	-5%	(34,719)	(28,153)	(62,871)	-1.32%
Jones Unit 3	342	Fuel Holders and Accessory Equipment	(0)	(0)	-5%	0	-	0	-1.25%
Jones Unit 3	343	Prime Movers	230,300	42,091	-3%	(1,263)	(1,365)	(2,628)	-1.14%
Jones Unit 3	344	Generators	65,999,398	12,490,234	-3%	(374,707)	(391,289)	(765,996)	-1.16%
Jones Unit 3	345	Accessory Electric Equipment	10,389,410	2,175,059	-5%	(108,753)	(61,655)	(170,408)	-1.64%
Jones Unit 3	346	Miscellaneous Power Plant Equipment	1,591,994	497,719	-5%	(24,886)	(9,438)	(34,324)	-2.16%
		Jones Unit 3 - Total/Composite	82,969,689	15,899,473		(544,327)	(491,900)	(1,036,227)	-1.25%
Jones Unit 4	341	Structures and Improvements	6,504,975	976,163	-5%	(48,808)	(38,014)	(86,822)	-1.33%
Jones Unit 4	342	Fuel Holders and Accessory Equipment	-	-	-5%	-	-	-	-1.26%
Jones Unit 4	343	Prime Movers	-	-	-3%	-	-	-	-1.26%
Jones Unit 4	344	Generators	65,769,544	12,846,091	-3%	(385,383)	(384,342)	(769,724)	-1.17%
Jones Unit 4	345	Accessory Electric Equipment	10,703,795	2,250,583	-5%	(112,518)	(62,550)	(175,068)	-1.64%
Jones Unit 4	346	Miscellaneous Power Plant Equipment	1,196,889	385,605	-5%	(19,280)	(6,994)	(26,275)	-2.20%
		Jones Unit 4 - Total/Composite	84,175,204	16,458,217		(565,989)	(491,900)	(1,057,889)	-1.26%

Southwestern Public Service Company
Computation of Composite Net Salvage
At June 30, 2020

Appendix H

Production Unit	FERC Account	Description	Plant Balance 06/30/2020	Interim Retirement \$	Interim Net Salv %	Interim Net Salv \$	Dismantling Cost \$	Total Net Salv \$	Total Net Salv %
Maddox	341	Structures and Improvements	1,565,032	25,732	-5%	(1,287)	(86,098)	(87,384)	-5.58%
Maddox	342	Fuel Holders and Accessory Equipment	512,886	11,302	-5%	(565)	(28,216)	(28,781)	-5.61%
Maddox	343	Prime Movers	-	-	-3%	-	-	-	-5.59%
Maddox	344	Generators	15,736,001	434,361	-3%	(13,031)	(865,692)	(878,723)	-5.58%
Maddox	345	Accessory Electric Equipment	1,627,920	46,199	-5%	(2,310)	(89,558)	(91,868)	-5.64%
Maddox	346	Miscellaneous Power Plant Equipment	178,800	5,829	-5%	(291)	(9,836)	(10,128)	-5.66%
		Maddox - Total/Composite	19,620,639	523,424		(17,484)	(1,079,400)	(1,096,884)	-5.59%
Quay County	341	Structures and Improvements	916,182	30,190	-5%	(1,509)	(17,959)	(19,468)	-2.12%
Quay County	342	Fuel Holders and Accessory Equipment	1,575	67	-5%	(3)	(31)	(34)	-2.17%
Quay County	343	Prime Movers	4,620,155	793,890	-3%	(23,817)	(90,562)	(114,379)	-2.48%
Quay County	344	Generators	17,085,114	936,249	-3%	(28,087)	(334,896)	(362,983)	-2.12%
Quay County	345	Accessory Electric Equipment	3,131,078	101,334	-5%	(5,067)	(61,374)	(66,441)	-2.12%
Quay County	346	Miscellaneous Power Plant Equipment	646,793	60,299	-5%	(3,015)	(12,678)	(15,693)	-2.43%
		Quay County - Total/Composite	26,400,898	1,922,028		(61,499)	(517,500)	(578,999)	-2.19%
Riverview	340	Land and Water Rights	676	-	0%	-	-	-	0.00%
		Riverview - Total/Composite	676	-		-	-	-	0.00%
		Total Other Production Plant	971,422,421	100,684,339		(3,253,769)	(15,896,506)	(19,150,275)	-1.97%
		Total Generation	2,887,866,174	320,658,757		(35,618,035)	(293,724,006)	(329,342,041)	-11.40%

Southwestern Public Service Company - New Mexico
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4)-(2)	Difference Amount (7) = (5)-(3)	
Intangible Plant											
303 Miscellaneous Intangible Plant											
303		Software - 3 Year	3,147,191	33.33%		1,049,064	33.33%	1,049,064	0.00%	-	
303		Software - 5 Year	89,250,609	20.00%		17,850,122	20.00%	17,850,122	0.00%	-	
303		Software - 7 Year	-	14.29%		-	14.29%	-	0.00%	-	
303		Software - 10 Year	8,459,803	10.00%		845,980	10.00%	845,980	0.00%	-	
303		Software - 15 Year	74,406,801	6.67%		4,960,478	6.67%	4,960,478	0.00%	-	
		Misc. Intangible Plant - Total/Composite	175,264,405	14.10%		24,705,644	14.10%	24,705,644	0.00%	-	
		Total Intangible Plant	175,264,405	14.10%		24,705,644	14.10%	24,705,644	0.00%	-	
Steam Production											
Cunningham Common Facilities											
310		Land Rights	53,100	1.27%		674	1.64%	869	0.37%	194	
311		Structures and Improvements	7,797,408	4.19%		326,438	4.56%	355,248	0.37%	28,810	
312		Boiler Plant Equipment	6,724,267	3.88%		260,653	4.27%	286,889	0.39%	26,237	
314		Turbogenerators	452,061	4.86%		22,438	5.36%	24,317	0.42%	1,880	
315		Accessory Electric Equipment	889,837	2.93%		26,054	3.90%	34,743	0.96%	8,689	
316		Miscellaneous Power Plant Equipment	1,513,667	3.03%		45,844	3.51%	53,083	0.48%	7,238	
		Cunningham Common Facilities - Total/Composite	17,430,339	3.91%		682,101	4.33%	755,149	0.42%	73,048	
Cunningham Unit 1											
311		Structures and Improvements	2,390,443	0.90%		21,440	0.90%	21,440	0.00%	-	
312		Boiler Plant Equipment	8,188,668	5.03%		412,291	5.03%	412,291	0.00%	-	
314		Turbogenerators	6,137,045	2.15%		131,891	2.15%	131,891	0.00%	-	
315		Accessory Electric Equipment	935,547	6.20%		57,972	57,972	57,972	0.00%	-	
316		Miscellaneous Power Plant Equipment	308,513	12.23%		37,733	12.23%	37,733	0.00%	-	
		Cunningham Unit 1 - Total/Composite	17,960,216	3.68%		661,328	3.68%	661,328	0.00%	-	
Cunningham Unit 2											
311		Structures and Improvements	2,344,020	4.96%		116,181	6.87%	160,959	1.91%	44,778	
312		Boiler Plant Equipment	17,757,427	5.88%		1,043,284	7.89%	1,400,287	2.01%	357,003	
314		Turbogenerators	11,620,507	4.27%		485,963	6.20%	721,010	1.94%	235,047	
315		Accessory Electric Equipment	5,251,493	5.81%		305,233	7.87%	413,296	2.06%	108,063	
316		Miscellaneous Power Plant Equipment	1,341,895	9.66%		13,027	11.28%	15,216	1.62%	2,188	
		Cunningham Unit 2 - Total/Composite	37,108,342	5.32%		1,973,689	7.31%	2,710,767	1.99%	737,079	
Harrington Common Facilities Coal											
310		Land Rights	-	1.95%		-	0.00%	-	-1.95%	-	
311		Structures and Improvements	1,649,218	4.19%		69,180	7.67%	126,529	3.48%	57,349	
312		Boiler Plant Equipment	5,239,113	4.65%		243,593	6.91%	362,152	2.26%	118,559	
314		Turbogenerators	-	4.08%		-	7.09%	-	3.01%	-	
315		Accessory Electric Equipment	-	5.68%		-	7.09%	-	1.42%	-	
316		Miscellaneous Power Plant Equipment	6,888,332	4.54%		312,772	7.09%	488,681	2.55%	175,908	
		Harrington Common Facilities - Total/Composite	-	4.54%		-	7.09%	-	2.55%	-	
Harrington Unit 1 Coal											
311		Structures and Improvements	-	1.91%		-	4.73%	-	2.82%	-	
312		Boiler Plant Equipment	22,536,289	3.10%		698,760	4.73%	1,064,943	1.62%	366,183	
314		Turbogenerators	-	3.39%		-	4.73%	-	1.33%	-	
315		Accessory Electric Equipment	-	2.83%		-	4.73%	-	1.89%	-	
316		Miscellaneous Power Plant Equipment	-	2.45%		-	4.73%	-	2.28%	-	
		Harrington Unit 1 - Total/Composite	22,536,289	3.10%		698,760	4.73%	1,064,943	1.62%	366,183	
Harrington Unit 2 Coal											
311		Structures and Improvements	-	2.39%		-	4.56%	-	2.17%	-	
312		Boiler Plant Equipment	21,532,235	2.91%		627,299	4.56%	982,116	1.65%	354,817	
314		Turbogenerators	-	3.28%		-	4.56%	-	1.28%	-	
315		Accessory Electric Equipment	-	2.85%		-	4.56%	-	1.71%	-	
316		Miscellaneous Power Plant Equipment	-	2.15%		-	4.56%	-	2.41%	-	
		Harrington Unit 2 - Total/Composite	21,532,235	2.91%		627,299	4.56%	982,116	1.65%	354,817	

Southwestern Public Service Company - New Mexico
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4)-(2)	Difference Amount (7) = (5)-(3)
Harrington Unit 3 Coal	311	Structures and Improvements	-	2.04%		-	4.06%	-	2.02%	-
Harrington Unit 3 Coal	312	Boiler Plant/Equipment	21,431,785	2.64%		565,199	4.06%	870,328	1.42%	305,128
Harrington Unit 3 Coal	314	Turbogenerators	-	2.70%		-	4.06%	-	1.36%	-
Harrington Unit 3 Coal	315	Accessory Electric Equipment	-	2.65%		-	4.06%	-	1.41%	-
Harrington Unit 3 Coal	316	Miscellaneous Power Plant Equipment	-	2.23%		-	4.06%	-	1.83%	-
Harrington Unit 3 - Total/Composite			21,431,785	2.64%		565,199	4.06%	870,328	1.42%	305,128
Harrington Common Facilities Gas	310	Land Rights	13,705	1.95%		267	2.24%	308	0.29%	40
Harrington Common Facilities Gas	311	Structures and Improvements	24,506,169	4.19%		1,027,960	4.62%	1,132,655	0.43%	104,695
Harrington Common Facilities Gas	312	Boiler Plant/Equipment	11,133,606	4.65%		517,657	5.26%	585,548	0.61%	67,891
Harrington Common Facilities Gas	314	Turbogenerators	3,132,892	4.08%		127,898	4.56%	142,789	0.48%	14,891
Harrington Common Facilities Gas	315	Accessory Electric Equipment	1,266,658	5.68%		71,937	6.11%	77,436	0.43%	5,499
Harrington Common Facilities Gas	316	Miscellaneous Power Plant Equipment	2,629,324	3.61%		94,942	4.19%	110,088	0.58%	15,146
Harrington Common Facilities Gas - Total/Composite			42,682,153	4.31%		1,840,663	4.80%	2,048,824	0.49%	208,161
Harrington Unit 1 Gas	311	Structures and Improvements	6,984,160	1.91%		133,356	2.47%	172,405	0.56%	39,049
Harrington Unit 1 Gas	312	Boiler Plant/Equipment	86,041,358	3.10%		2,667,798	3.66%	3,146,127	0.56%	478,329
Harrington Unit 1 Gas	314	Turbogenerators	42,872,764	3.39%		1,453,601	3.91%	1,677,085	0.52%	223,484
Harrington Unit 1 Gas	315	Accessory Electric Equipment	8,465,458	2.83%		239,615	3.57%	302,426	0.74%	62,811
Harrington Unit 1 Gas	316	Miscellaneous Power Plant Equipment	966,618	2.45%		23,666	3.02%	29,163	0.57%	5,497
Harrington Unit 1 Gas - Total/Composite			145,330,358	3.11%		4,518,035	3.67%	5,327,206	0.56%	809,171
Harrington Unit 2 Gas	311	Structures and Improvements	6,123,513	2.39%		146,144	2.80%	171,587	0.42%	25,443
Harrington Unit 2 Gas	312	Boiler Plant/Equipment	94,494,104	2.91%		2,752,897	3.39%	3,199,689	0.47%	446,792
Harrington Unit 2 Gas	314	Turbogenerators	52,432,197	3.28%		1,719,619	3.81%	1,999,319	0.53%	279,700
Harrington Unit 2 Gas	315	Accessory Electric Equipment	6,311,913	2.85%		179,650	3.44%	217,240	0.60%	37,591
Harrington Unit 2 Gas	316	Miscellaneous Power Plant Equipment	1,546,811	2.15%		33,295	2.63%	40,681	0.48%	7,386
Harrington Unit 2 Gas - Total/Composite			160,908,538	3.00%		4,831,604	3.50%	5,628,516	0.50%	796,912
Harrington Unit 3 Gas	311	Structures and Improvements	9,579,196	2.04%		195,463	2.57%	246,116	0.53%	50,663
Harrington Unit 3 Gas	312	Boiler Plant/Equipment	96,056,585	2.64%		2,533,204	3.05%	2,932,613	0.42%	399,408
Harrington Unit 3 Gas	314	Turbogenerators	55,165,918	2.70%		1,489,149	3.16%	1,744,319	0.46%	255,170
Harrington Unit 3 Gas	315	Accessory Electric Equipment	6,051,805	2.65%		160,318	3.03%	183,357	0.38%	23,038
Harrington Unit 3 Gas	316	Miscellaneous Power Plant Equipment	1,875,749	2.23%		41,764	2.75%	49,424	0.41%	7,660
Harrington Unit 3 Gas - Total/Composite			168,729,254	2.62%		4,419,898	3.06%	5,155,828	0.44%	735,929
Jones Common Facilities	311	Structures and Improvements	9,146,717	2.44%		222,960	2.58%	235,835	0.14%	12,875
Jones Common Facilities	312	Boiler Plant/Equipment	12,712,390	2.62%		332,836	2.81%	357,569	0.19%	24,734
Jones Common Facilities	314	Turbogenerators	7,921,581	2.28%		180,786	2.46%	194,540	0.17%	13,754
Jones Common Facilities	315	Accessory Electric Equipment	2,949,892	2.61%		77,013	2.82%	83,207	0.21%	6,194
Jones Common Facilities	316	Miscellaneous Power Plant Equipment	3,684,328	2.58%		95,048	2.75%	101,249	0.17%	6,201
Jones Common Facilities - Total/Composite			36,474,908	2.50%		908,644	2.67%	972,400	0.18%	63,757
Jones Unit 1	310	Land Rights	108,562	2.72%		2,957	3.31%	3,592	0.59%	636
Jones Unit 1	311	Structures and Improvements	4,986,143	3.11%		155,263	3.94%	196,649	0.83%	41,386
Jones Unit 1	312	Boiler Plant/Equipment	23,088,339	4.81%		1,111,426	5.56%	1,284,023	0.75%	172,596
Jones Unit 1	314	Turbogenerators	22,922,127	4.91%		1,125,591	5.69%	1,304,218	0.78%	178,627
Jones Unit 1	315	Accessory Electric Equipment	2,767,418	5.19%		143,765	5.86%	162,248	0.67%	18,484
Jones Unit 1	316	Miscellaneous Power Plant Equipment	796,086	2.09%		15,817	3.07%	23,183	0.97%	7,366
Jones Unit 1 - Total/Composite			54,628,673	4.68%		2,554,819	5.44%	2,973,913	0.77%	419,084
Jones Unit 2	311	Structures and Improvements	2,103,978	3.12%		65,711	3.67%	77,319	0.55%	11,608
Jones Unit 2	312	Boiler Plant/Equipment	18,413,931	3.34%		614,197	4.75%	873,926	1.41%	259,729
Jones Unit 2	314	Turbogenerators	23,574,447	4.09%		963,158	5.10%	1,201,996	1.01%	238,838
Jones Unit 2	315	Accessory Electric Equipment	3,403,934	4.61%		163,753	5.65%	192,435	0.84%	28,682
Jones Unit 2	316	Miscellaneous Power Plant Equipment	598,526	2.41%		14,433	3.12%	18,653	0.70%	4,219
Jones Unit 2 - Total/Composite			48,094,816	3.79%		1,821,252	4.92%	2,364,329	1.13%	543,077

Southwestern Public Service Company - New Mexico
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4)-(2)	Difference Amount (7) = (5)-(3)
Maddox	310	Land Rights	19,971	1.80%		360	2.78%	555	0.97%	194
Maddox	311	Structures and Improvements	5,036,698	5.09%		256,423	6.38%	321,524	1.29%	65,101
Maddox	312	Boiler Plant Equipment	19,789,261	5.85%		1,157,850	7.01%	1,387,800	1.16%	229,950
Maddox	314	Turbogenerators	13,257,650	4.95%		655,829	6.63%	878,363	1.68%	222,534
Maddox	315	Accessory Electric Equipment	6,698,198	5.26%		352,573	6.35%	425,065	1.08%	72,492
Maddox	316	Miscellaneous Power Plant Equipment	963,849	4.86%		46,847	5.95%	57,353	1.09%	10,506
		Maddox - Total/Composite	45,765,628	5.40%		2,469,883	6.71%	3,070,660	1.31%	600,777
Moore County	310.2	Land Rights	463	0.00%		-	0.00%	-	0.00%	-
Moore County	310.3	Water Rights	17,164	0.00%		-	0.00%	-	0.00%	-
		Moore County - Total/Composite	17,627	0.00%		-	0.00%	-	0.00%	-
Nichols Common Facilities	310	Land Rights	676,746	3.87%		26,170	4.41%	29,850	0.54%	3,681
Nichols Common Facilities	311	Structures and Improvements	52,278,168	4.64%		2,424,714	5.49%	2,864,454	0.84%	439,740
Nichols Common Facilities	312	Boiler Plant Equipment	10,745,588	6.28%		674,894	7.04%	756,980	0.77%	82,286
Nichols Common Facilities	314	Turbogenerators	3,362,566	4.19%		140,902	5.07%	170,328	0.88%	29,426
Nichols Common Facilities	315	Accessory Electric Equipment	2,298,724	4.24%		97,434	5.09%	117,028	0.85%	19,595
Nichols Common Facilities	316	Miscellaneous Power Plant Equipment	2,339,803	3.43%		80,311	4.38%	102,395	0.94%	22,084
		Nichols Common Facilities - Total/Composite	71,701,594	4.80%		3,444,224	5.64%	4,041,035	0.83%	596,811
Nichols Unit 1	311	Structures and Improvements	2,079,418	4.09%		84,990	8.77%	182,468	4.69%	97,478
Nichols Unit 1	312	Boiler Plant Equipment	11,136,167	4.75%		529,447	10.13%	1,128,454	5.38%	599,007
Nichols Unit 1	314	Turbogenerators	10,028,558	3.30%		331,253	9.44%	946,327	6.13%	615,074
Nichols Unit 1	315	Accessory Electric Equipment	2,366,643	4.73%		112,058	11.19%	264,885	6.46%	152,827
Nichols Unit 1	316	Miscellaneous Power Plant Equipment	234,700	4.31%		10,114	8.84%	20,750	4.53%	10,637
		Nichols Unit 1 - Total/Composite	25,845,487	4.13%		1,067,862	9.84%	2,542,885	5.71%	1,475,023
Nichols Unit 2	311	Structures and Improvements	1,108,535	1.92%		21,271	5.17%	57,273	3.25%	36,002
Nichols Unit 2	312	Boiler Plant Equipment	12,559,512	5.18%		650,683	9.63%	1,209,551	4.45%	558,868
Nichols Unit 2	314	Turbogenerators	12,282,147	5.71%		701,777	9.04%	1,110,007	3.32%	408,229
Nichols Unit 2	315	Accessory Electric Equipment	1,038,609	3.52%		36,542	6.66%	69,160	3.14%	32,617
Nichols Unit 2	316	Miscellaneous Power Plant Equipment	206,316	1.24%		2,567	24.99%	51,567	23.75%	49,000
		Nichols Unit 2 - Total/Composite	27,195,120	5.20%		1,412,841	9.18%	2,497,558	3.99%	1,084,717
Nichols Unit 3	311	Structures and Improvements	1,714,558	2.28%		39,047	3.74%	64,156	1.46%	25,109
Nichols Unit 3	312	Boiler Plant Equipment	20,367,774	3.48%		709,389	4.51%	919,122	1.03%	209,733
Nichols Unit 3	314	Turbogenerators	24,732,390	3.70%		916,211	5.72%	1,415,831	2.02%	499,619
Nichols Unit 3	315	Accessory Electric Equipment	2,338,191	3.97%		92,899	5.16%	120,573	1.18%	27,674
Nichols Unit 3	316	Miscellaneous Power Plant Equipment	606,006	5.02%		30,417	8.24%	49,947	3.22%	19,529
		Nichols Unit 3 - Total/Composite	49,758,920	3.59%		1,787,964	5.16%	2,569,828	1.57%	781,864
Plant X Common Facilities	310	Water Rights	1,314,134	1.06%		13,946	2.26%	29,665	1.20%	15,719
Plant X Common Facilities	311	Structures and Improvements	8,440,275	6.42%		541,511	8.73%	736,611	2.31%	195,100
Plant X Common Facilities	312	Boiler Plant Equipment	4,642,506	9.25%		429,455	11.17%	518,725	1.92%	89,270
Plant X Common Facilities	314	Turbogenerators	3,483,472	12.55%		437,043	14.19%	494,336	1.64%	57,293
Plant X Common Facilities	315	Accessory Electric Equipment	310,189	6.57%		20,390	16.23%	50,330	9.65%	29,940
Plant X Common Facilities	316	Miscellaneous Power Plant Equipment	1,465,686	5.57%		81,598	7.46%	109,296	1.89%	27,698
		Plant X Common Facilities - Total/Composite	19,656,261	7.75%		1,523,943	9.86%	1,938,962	2.11%	415,019
Plant X Unit 1	311	Structures and Improvements	1,286,334	1.50%		19,272	1.50%	19,272	0.00%	-
Plant X Unit 1	312	Boiler Plant Equipment	6,262,149	1.20%		74,908	1.20%	74,908	0.00%	-
Plant X Unit 1	314	Turbogenerators	4,549,359	0.64%		28,957	0.64%	28,957	0.00%	-
Plant X Unit 1	315	Accessory Electric Equipment	907,835	9.62%		87,320	9.62%	87,320	0.00%	-
Plant X Unit 1	316	Miscellaneous Power Plant Equipment	13,005,677	1.60%		210,456	1.60%	210,456	0.00%	-
		Plant X Unit 1 - Total/Composite		1.62%			1.62%		0.00%	

Southwestern Public Service Company - New Mexico
 Comparison of Approved vs Proposed
 Depreciation Accrual Rates
 At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4)-(2)	Difference Amount (7) = (5)-(3)
Plant X Unit 2	311	Structures and Improvements	1,021,771	1.10%		11,231	1.10%	11,231	0.00%	-
Plant X Unit 2	312	Boiler Plant/Equipment	16,226,867	2.27%		368,431	2.27%	368,431	0.00%	-
Plant X Unit 2	314	Turbogenerators	6,729,793	0.76%		50,992	0.76%	50,992	0.00%	-
Plant X Unit 2	315	Accessory Electric Equipment	613,416	0.52%		3,182	0.52%	3,182	0.00%	-
Plant X Unit 2	316	Miscellaneous Power Plant Equipment	52,690	0.11%		57	0.11%	57	0.00%	-
Plant X Unit 2 - Total/Composite			24,164,473	1.76%		433,894	1.76%	433,894	0.00%	-
Plant X Unit 3	311	Structures and Improvements	1,034,626	2.91%		30,066	7.56%	78,180	4.65%	48,094
Plant X Unit 3	312	Boiler Plant/Equipment	8,478,808	3.76%		318,651	8.63%	731,440	4.87%	412,789
Plant X Unit 3	314	Turbogenerators	7,508,924	3.34%		250,986	7.97%	598,347	4.63%	347,361
Plant X Unit 3	315	Accessory Electric Equipment	976,256	4.16%		40,607	8.78%	85,687	4.62%	45,080
Plant X Unit 3	316	Miscellaneous Power Plant Equipment	949,190	3.75%		35,562	8.22%	78,020	4.47%	42,458
Plant X Unit 3 - Total/Composite			18,947,804	3.57%		675,892	8.29%	1,571,674	4.73%	895,782
Plant X Unit 4	311	Structures and Improvements	1,914,398	4.84%		92,630	6.35%	121,476	1.51%	28,846
Plant X Unit 4	312	Boiler Plant/Equipment	20,237,973	3.64%		736,075	6.20%	1,255,418	2.57%	519,342
Plant X Unit 4	314	Turbogenerators	16,946,451	4.43%		751,219	7.30%	1,237,662	2.87%	486,443
Plant X Unit 4	315	Accessory Electric Equipment	2,364,569	3.35%		79,194	6.82%	161,349	3.47%	82,155
Plant X Unit 4	316	Miscellaneous Power Plant Equipment	164,046	5.46%		8,965	7.07%	11,597	1.60%	2,632
Plant X Unit 4 - Total/Composite			41,627,437	4.01%		1,668,084	6.70%	2,787,502	2.69%	1,119,419
Riverview	310	Land Rights	1,245	0.00%		-	0.00%	-	0.00%	-
Riverview - Total/Composite			1,245	0.00%		-	0.00%	-	0.00%	-
Tolk Common Facilities	310	Water Rights	10,220,448	3.76%		384,565	4.99%	509,788	1.23%	125,223
Tolk Common Facilities	311	Structures and Improvements	32,260,870	8.71%		2,809,857	11.68%	3,767,337	2.97%	957,480
Tolk Common Facilities	312	Boiler Plant/Equipment	21,046,102	7.33%		1,543,542	11.87%	2,498,757	4.54%	955,215
Tolk Common Facilities	314	Turbogenerators	11,437,755	7.62%		871,443	9.95%	1,137,884	2.33%	266,441
Tolk Common Facilities	315	Accessory Electric Equipment	-	7.35%		-	10.36%	-	3.03%	-
Tolk Common Facilities	316	Miscellaneous Power Plant Equipment	3,324,649	4.67%		155,198	6.44%	214,041	1.77%	58,843
Tolk Common Facilities - Total/Composite			78,289,824	7.36%		5,764,605	10.36%	8,127,806	3.02%	2,363,201
Tolk 1	310	Land Rights	19,917	1.63%		324	2.34%	467	0.72%	143
Tolk 1	311	Structures and Improvements	19,839,975	2.05%		407,176	2.87%	569,401	0.92%	182,225
Tolk 1	312	Boiler Plant/Equipment	193,068,659	2.67%		5,154,547	7.471,212	7,471,212	1.20%	2,316,665
Tolk 1	314	Turbogenerators	61,247,984	2.17%		1,326,570	1.897,366	1,897,366	0.93%	570,796
Tolk 1	315	Accessory Electric Equipment	3,717,944	2.12%		78,776	124,603	124,603	1.23%	45,827
Tolk 1	316	Miscellaneous Power Plant Equipment	521,526	2.42%		12,636	17,790	17,790	0.99%	5,154
Tolk 1 - Total/Composite			278,416,005	2.51%		6,980,028	3.63%	10,100,839	1.12%	3,120,811
Tolk 2	310	Land Rights	277,377	1.63%		4,513	2.34%	6,503	0.72%	1,990
Tolk 2	311	Structures and Improvements	9,713,837	2.19%		212,286	3.11%	301,754	0.92%	89,468
Tolk 2	312	Boiler Plant/Equipment	211,369,253	2.70%		5,697,670	8,049,508	8,049,508	1.11%	2,351,839
Tolk 2	314	Turbogenerators	78,065,860	2.27%		1,774,983	2,520,948	2,520,948	0.96%	745,964
Tolk 2	315	Accessory Electric Equipment	3,295,699	3.10%		102,252	144,485	144,485	1.28%	42,233
Tolk 2	316	Miscellaneous Power Plant Equipment	2,241,379	2.10%		47,165	67,514	67,514	0.91%	20,348
Tolk 2 - Total/Composite			304,963,406	2.57%		7,838,870	3.64%	11,090,711	1.07%	3,251,841
Tolk Common Facilities Retiring 2055	310	Water Rights TX	-	0.00%		-	0.00%	-	0.00%	-
Tolk Common Facilities Retiring 2055	311	Structures and Improvements	5,920,383	2.99%		176,931	3.14%	186,104	0.15%	9,174
Tolk Common Facilities Retiring 2055	312	Boiler Plant/Equipment	545,776	3.25%		17,713	18,858	18,858	0.21%	1,145
Tolk Common Facilities Retiring 2055	314	Turbogenerators	1,930,925	3.25%		62,798	65,115	65,115	0.12%	2,318
Tolk Common Facilities Retiring 2055	315	Accessory Electric Equipment	22,551	3.40%		766	784	784	0.08%	18
Tolk Common Facilities Retiring 2055	316	Miscellaneous Power Plant Equipment	3,663,374	2.71%		99,347	107,799	107,799	0.23%	8,452
Tolk Common Facilities Retiring 2055 - Total/Composite			12,083,009	2.96%		357,554	378,660	378,660	0.17%	21,107

Southwestern Public Service Company - New Mexico
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4)-(2)	Difference Amount (7) = (5)-(3)
Tolk 1 Retiring 2055	310	Land Rights TX	-	0.00%		-	0.00%	-	0.00%	-
Tolk 1 Retiring 2055	311	Structures and Improvements	12,358,812	1.76%		217,070	1.96%	242,436	0.21%	25,365
Tolk 1 Retiring 2055	312	Boiler Plant Equipment	7,108,413	1.98%		140,782	2.26%	160,465	0.28%	19,683
Tolk 1 Retiring 2055	314	Turbogenerators	15,401,605	1.88%		288,780	2.08%	320,896	0.21%	32,116
Tolk 1 Retiring 2055	315	Accessory Electric Equipment	12,922,208	1.97%		254,025	2.08%	286,912	0.25%	32,887
Tolk 1 Retiring 2055	316	Miscellaneous Power Plant Equipment	199,904	3.73%		7,394	2.11%	4,223	0.24%	488
Tolk 1 - Total/Composite			47,990,944	1.88%		904,392	2.11%	1,014,930	0.23%	110,539
Tolk 2 Retiring 2055	310	Land Rights TX	-	0.00%		-	0.00%	-	0.00%	-
Tolk 2 Retiring 2055	311	Structures and Improvements	8,645,191	1.70%		146,545	1.90%	164,640	0.21%	18,096
Tolk 2 Retiring 2055	312	Boiler Plant Equipment	8,030,975	1.96%		157,584	2.23%	178,729	0.26%	21,145
Tolk 2 Retiring 2055	314	Turbogenerators	27,367,352	2.24%		612,399	2.38%	654,495	0.15%	42,096
Tolk 2 Retiring 2055	315	Accessory Electric Equipment	9,494,834	2.11%		200,056	2.38%	225,597	0.27%	25,541
Tolk 2 Retiring 2055	316	Miscellaneous Power Plant Equipment	1,318,439	1.96%		25,847	2.18%	28,769	0.22%	2,922
Tolk 2 - Total/Composite			54,856,791	2.08%		1,142,430	2.28%	1,252,230	0.20%	109,800
Total Steam Production Plant			1,916,443,752	3.34%		64,098,984	4.47%	85,633,761	1.12%	21,534,777
Other Production										
Blackhawk	342	Fuel Holders and Accessory Equipment	4,162,601	2.72%	(C)	113,264	2.98%	124,183	0.26%	10,918
Blackhawk - Total/Composite			4,162,601	2.72%		113,264	2.98%	124,183	0.26%	10,918
Cunningham	341	Structures and Improvements	546,614	2.70%		14,778	2.90%	15,869	0.20%	1,090
Cunningham	342	Fuel Holders and Accessory Equipment	1,516,324	3.09%		46,824	3.27%	49,643	0.19%	2,819
Cunningham	343	Prime Movers	50,152,598	2.61%		1,311,340	2.79%	1,400,836	0.18%	89,496
Cunningham	344	Generators	19,304,392	4.03%		778,044	4.53%	873,560	0.49%	95,516
Cunningham	345	Accessory Electric Equipment	6,067,009	2.37%		143,630	2.61%	158,451	0.24%	14,821
Cunningham	346	Miscellaneous Power Plant Equipment	1,140,410	3.17%		36,173	3.33%	37,989	0.16%	1,816
Cunningham - Total/Composite			78,727,347	2.96%		2,330,790	3.22%	2,536,347	0.26%	205,558
Hale Wind Project	340.45	Wind Rights	-	0.00%		-	4.00%	-	0.00%	-
Hale Wind Project	341	Structures and Improvements	45,729,197	4.17%		1,906,908	4.16%	1,902,073	-0.01%	(4,834)
Hale Wind Project	342	Fuel Holders and Accessory Equipment	-	4.17%		-	4.22%	-	0.05%	-
Hale Wind Project	343	Prime Movers	-	4.21%		-	4.22%	-	0.01%	-
Hale Wind Project	344	Generators	609,934,508	4.24%		25,861,223	4.23%	25,781,698	-0.01%	(79,525)
Hale Wind Project	345	Accessory Electric Equipment	19,685,571	4.11%		809,077	4.09%	805,213	-0.02%	(3,864)
Hale Wind Project	346	Miscellaneous Power Plant Equipment	16,091	4.28%		689	4.28%	689	0.00%	0
Hale Wind Project - Total/Composite			675,365,367	4.23%		28,577,896	4.22%	28,489,873	-0.01%	(88,223)
Jones Unit 3	341	Structures and Improvements	4,748,588	2.28%		108,377	2.34%	111,181	0.06%	2,804
Jones Unit 3	342	Fuel Holders and Accessory Equipment	(0)	2.34%		(0)	0.00%	(0)	-2.34%	0
Jones Unit 3	343	Prime Movers	230,300	2.79%		6,436	2.83%	6,520	0.04%	85
Jones Unit 3	344	Generators	65,999,398	2.35%		1,552,438	2.41%	1,591,354	0.06%	38,916
Jones Unit 3	345	Accessory Electric Equipment	10,399,410	2.25%		234,226	2.31%	240,739	0.06%	6,513
Jones Unit 3	346	Miscellaneous Power Plant Equipment	1,591,994	2.47%		39,362	2.54%	40,476	0.07%	1,114
Jones Unit 3 - Total/Composite			82,969,689	2.34%		1,940,639	2.40%	1,990,269	0.06%	49,431
Jones Unit 4	341	Structures and Improvements	6,504,975	2.30%		149,868	2.35%	153,020	0.05%	3,152
Jones Unit 4	342	Fuel Holders and Accessory Equipment	-	2.36%		-	2.41%	-	0.05%	-
Jones Unit 4	343	Prime Movers	-	2.36%		-	2.41%	-	0.05%	-
Jones Unit 4	344	Generators	65,769,544	2.37%		1,561,435	2.43%	1,597,006	0.05%	35,571
Jones Unit 4	345	Accessory Electric Equipment	10,703,795	2.27%		243,469	2.33%	248,987	0.05%	5,518
Jones Unit 4	346	Miscellaneous Power Plant Equipment	1,196,889	2.50%		29,889	2.56%	30,584	0.05%	696
Jones Unit 4 - Total/Composite			84,175,204	2.36%		1,984,660	2.41%	2,029,597	0.05%	44,937

Southwestern Public Service Company - New Mexico
 Comparison of Approved vs Proposed
 Depreciation Accrual Rates
 At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4) - (2)	Difference Amount (7) = (5) - (3)
Maddox	341	Structures and Improvements	1,565,032	2.74%		42,946	3.26%	50,945	0.51%	7,999
Maddox	342	Fuel Holders and Accessory Equipment	512,886	0.86%		4,406	1.52%	7,790	0.66%	3,384
Maddox	343	Prime Movers	-	1.94%		-	2.85%	-	0.91%	-
Maddox	344	Generators	15,736,001	1.71%		269,857	2.71%	426,236	0.99%	156,379
Maddox	345	Accessory Electric Equipment	1,627,820	3.31%		53,856	3.90%	63,569	0.60%	9,712
Maddox	346	Miscellaneous Power Plant Equipment	1,780,800	4.31%		77,698	6.08%	108,663	1.77%	31,664
		Maddox - Total/Composite	19,620,639	1.93%		378,764	2.85%	559,403	0.92%	180,639
Quay County	341	Structures and Improvements	916,182	4.58%		41,959	4.78%	43,779	0.20%	1,820
Quay County	342	Fuel Holders and Accessory Equipment	1,575	2.86%		45	3.12%	49	0.26%	4
Quay County	343	Prime Movers	4,620,155	1.84%		75,895	2.00%	92,616	0.36%	16,721
Quay County	344	Generators	17,085,114	4.41%		754,069	4.62%	789,899	0.21%	35,831
Quay County	345	Accessory Electric Equipment	3,131,078	4.12%		128,863	4.37%	136,950	0.26%	8,088
Quay County	346	Miscellaneous Power Plant Equipment	646,793	4.27%		27,647	4.49%	29,073	0.22%	1,425
		Quay County - Total/Composite	26,400,898	3.90%		1,028,478	4.14%	1,092,366	0.24%	63,888
Riverview	340	Land and Water Rights	676	0.00%		-	0.00%	-	0.00%	-
		Riverview - Total/Composite	676	0.00%		-	0.00%	-	0.00%	-
		Total Other Production Plant	971,422,421	3.74%		36,354,691	3.79%	36,821,838	0.05%	467,148
		Total Production Plant	2,867,866,174			100,453,675		122,455,600		22,001,925
		Transmission								
350.2		Land Rights	161,306,699	1.42%		2,291,362	1.28%	2,058,142	-0.14%	(233,219)
352		Structures & Improvements	124,998,538	2.11%		2,640,719	1.90%	2,372,661	-0.21%	(268,058)
353		Station Equipment	1,244,840,351	2.38%		29,606,038	2.32%	28,871,897	-0.06%	(734,141)
354		Towers & Fixtures	8,208,692	1.60%		131,314	1.53%	125,532	-0.07%	(5,782)
355		Poles & Fixtures	1,383,028,406	3.57%		49,768,726	3.52%	49,042,882	-0.05%	(725,844)
356		Overhead Conductors & Devices	495,769,732	2.97%		14,723,369	3.00%	14,896,208	0.03%	172,839
357		Underground Conduit	275,005	1.57%		4,326	1.61%	4,422	0.03%	96
358		Underground Conductor & Devices	489,717	2.60%		12,737	2.74%	13,419	0.14%	683
359		Roads and Trails	517,736	2.11%	(D)	10,938	1.56%	8,071	-0.55%	(2,866)
		Total Transmission Plant	3,429,434,875	2.89%		99,189,529	2.84%	97,393,236	-0.05%	(1,796,293)
		Distribution (NM Only)								
360.2		Land Rights	10,778,592	1.62%		174,915	1.45%	156,468	-0.17%	(18,447)
361		Structures & Improvements	16,607,739	2.02%		335,842	1.59%	264,225	-0.43%	(71,617)
362		Station Equipment	128,617,991	2.04%		2,617,505	2.35%	3,020,878	0.31%	403,373
364		Poles, Towers & Fixtures	117,563,776	2.61%		3,072,882	3.42%	4,015,050	0.80%	942,168
365		Overhead Conductors & Devices	116,912,991	2.63%		3,077,384	3.32%	3,879,979	0.69%	802,595
366		Underground Conduit	7,022,708	1.82%		127,617	1.90%	133,297	0.08%	5,680
367		Underground Conductor & Devices	13,651,472	2.30%		314,257	2.56%	349,008	0.25%	34,751
368		Line Transformers	74,750,091	2.25%		1,682,400	2.52%	1,887,355	0.27%	204,955
369		Services	32,632,471	3.23%		1,053,735	3.11%	1,013,775	-0.12%	(39,960)
371		Installations on Customer's Premises	4,915,732	4.40%		216,459	5.41%	265,873	1.01%	49,413
370		Meters	26,096,225	2.59%		675,527	4.11%	1,073,697	1.53%	398,170
373		Street Lighting & Signal Systems	12,728,560	2.95%		375,072	4.37%	556,384	1.42%	181,311
		Total Distribution Plant	562,278,348	2.44%		13,723,595	2.96%	16,615,988	0.51%	2,892,393

Southwestern Public Service Company - New Mexico
Comparison of Approved vs Proposed
Depreciation Accrual Rates
At June 30, 2020

Production Unit	FERC Account	Description	Plant Balance 06/30/2020 (1)	Approved Total Depr Rate (A) (2)	Notes	Depreciation Expense At Approved Rates (3) = (1) x (2)	Proposed Depreciation Rate (4)	Proposed Depreciation Expense (5) = (4) x (1)	Difference Accrual Rate (6) = (4)-(2)	Difference Amount (7) = (5)-(3)	
General Depreciated											
	399.002	Land Rights	45,967	1.71%		787	1.86%	866	0.17%	79	
	390	Structures & Improvements	82,638,793	1.96%		1,622,034	2.17%	1,796,422	0.21%	174,387	
	390.007	Structures & Improvements - Leasehold	3,668,032.5	(B)							
		Total General Depreciated	86,342,793	1.96%		1,622,821	2.17%	1,797,288	0.21%	174,466	
General Amortized After Retirement of Assets > ASL											
	391	Office Furniture & Equipment	18,850,231	4.12%		776,516	5.00%	942,512	0.88%	165,995	
	391	Computer Equipment	69,965,592	17.79%		12,446,319	20.00%	13,993,118	2.21%	1,546,799	
	392.01	Transportation Equipment - Autos	3,565,679	7.38%		263,168	9.00%	320,911	1.62%	57,743	
	392.02	Transportation Equipment - Light Trucks	26,675,808	7.38%		1,968,835	8.80%	2,347,471	1.42%	378,636	
	392.03	Transportation Equipment - Trailers	8,048,425	7.38%		594,022	5.93%	477,540	-1.45%	(116,482)	
	392.04	Transportation Equipment - Heavy Trucks	45,036,986	7.38%		3,324,000	7.42%	3,340,243	0.04%	16,243	
	393	Stores Equipment	351,534	2.17%		7,642	2.86%	10,044	0.68%	2,402	
	394	Tools, Shop & Garage Equipment	50,680,122	2.91%		1,474,741	2.86%	1,448,003	-0.05%	(26,737)	
	395	Laboratory Equipment	5,944,728	4.37%		259,660	4.00%	237,789	-0.37%	(21,871)	
	396	Power Operated Equipment	12,768,092	6.33%		808,501	5.00%	638,405	-1.33%	(170,097)	
	397	Communication Equipment	84,137,190	4.48%		3,765,897	6.67%	5,609,146	2.19%	1,843,250	
	398	Miscellaneous Equipment	1,983,053	3.60%		71,437	4.17%	82,627	0.56%	11,190	
		Total Amortization	328,007,440			25,760,738		29,447,809		3,687,071	
		Reserve Deficiency over 10 years for AR 15 Assets				-		2,040,611		2,040,611	
		Total General Amortized After Retirement of Assets > ASL	328,007,440	7.85%		25,760,738	9.60%	31,488,420	1.75%	5,727,682	
		Total General Plant	414,350,233	0.00%				33,285,708	8.10%	5,902,148	
		Total Electric Plant	7,469,194,034			238,072,443		294,456,175		29,000,173	

Notes:

- (A) - Approved rates from Case No. 19-00170-UT in Certification of Stipulation, unless noted otherwise.
- (B) - Assets amortized over the lease term.
- (C) - SPS owns the Blackhawk pipeline, but does not own the Blackhawk plant. SPS has a purchase power agreement for power from the Blackhawk plant.

Southwestern Public Service Company

Workpapers of Dane A. Watson

2021 TX Rate Case

**APPLICATION OF
SOUTHWESTERN PUBLIC SERVICE COMPANY
FOR AUTHORITY TO CHANGE RATES**

**Attachment DAW-RR-7(CD) is provided
in electronic format.**