

# GREATER MISSOURI OPERATIONS - ECORP, MPS AND SJLP JURISDICTIONS

# **2014 DEPRECIATION STUDY**

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2014

Prepared by:



Excellence Delivered As Promised

# KANSAS CITY POWER AND LIGHT COMPANY

Kansas City, Missouri

# GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTIONS

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AS OF DECEMBER 31, 2014



### Excellence Delivered As Promised

February 16, 2016

Greater Missouri Operations One Kansas City Place 1200 Main Kansas City, MO 64105

Attention Mr. Tim M. Rush Director, Regulatory Affairs

### Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to all electric plant of Greater Missouri Operations as of December 31, 2014. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual depreciation accrual rates, the statistical support for the life and net salvage estimates and the detailed tabulations of annual depreciation.

We gratefully acknowledge the assistance of Greater Missouri Operations personnel in the conduct of this study.

Respectfully submitted,

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

JOHN J. SPANOS Sr. Vice President

JJS:krm

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# GREATER MISSOURI OPERATIONS - ECORP, MPS AND SJLP JURISDICTIONS

### **DEPRECIATION STUDY**

### **EXECUTIVE SUMMARY**

Pursuant to Greater Missouri Operation's ("Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the electric plant as of December 31, 2014 of all jurisdictions. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL") procedure and were applied on a remaining life basis. The calculations were based on attained ages and estimated average service life, and forecasted net salvage characteristics for each depreciable group of assets.

The Company's accounting policy has not changed since the last depreciation study was prepared. However, there have been changes to the life spans of generating facilities and estimates of life and net salvage. The overall effect of these changes has created a moderate impact on rates approved in the last proceeding.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric plant in service as of December 31, 2014 as summarized by Table 1 of the study. Supporting analysis and calculations are provided within the study.

The study results set forth an annual depreciation expense of \$100.9 million when applied to depreciable plant balances as of December 31, 2014. The results are summarized at the functional level as follows:

# SUMMARY OF ORIGINAL COST, ACCRUAL RATES AND AMOUNTS

FUNCTION	ORIGINAL COST AS OF DECEMBER 31, 2014	PROPOSED RATE	PROPOSED EXPENSE
Steam Production Plant	\$1,263,145,147.28	3.29	\$ 41,586,101
Other Production Plant	338,811,958.38	2.34	7,920,527
Transmission Plant	353,129,284.52	2.25	7,959,858
Distribution Plant	1,215,887,815.49	2.98	36,184,677
Industrial Steam	4,202,365.32	3.39	142,523
General Plant	148,942,963.68	4.80	7,150,227
Total	<u>\$3,324,119,534.67</u>	3.04	\$100,943,913

PART I. INTRODUCTION

# GREATER MISSOURI OPERATIONS - ECORP, MPS AND SJLP JURISDICTIONS

### **DEPRECIATION STUDY**

### PART I. INTRODUCTION

### SCOPE

This report sets forth the results of the depreciation study for Greater Missouri Operations - All Jurisdictions ("Company") to determine the annual depreciation accrual rates and amounts for book purposes applicable to the original cost of electric plant as of December 31, 2014. The rates and amounts are based on the straight line remaining life method of depreciation. This report also describes the concepts, methods and judgments which underlie the recommended annual depreciation accrual rates related to electric plant in service as of December 31, 2014.

The service life and net salvage estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through 2014, a review of Company practice and outlook as they relate to plant operation and retirement, and consideration of current practice in the electric industry, including knowledge of service lives and net salvage estimates used for other electric companies.

### PLAN OF REPORT

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life and net salvage studies. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents the judgment utilized for the net salvage study. Part V, Calculation of Annual and Accrued Depreciation, describes the procedures used in the calculation of group depreciation.

Part VI, Results of Study, presents summaries by depreciable group of annual depreciation accrual rates and amounts, as well as composite remaining lives. Part VII, Service Life Statistics presents the statistical analysis of service life estimates, Part VIII, Net Salvage Statistics sets forth the statistical indications of net salvage percents, and Part IX, Detailed Depreciation Calculations presents the detailed tabulations of annual depreciation.

### **BASIS OF THE STUDY**

### **Depreciation**

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing electric utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight-line method of depreciation.

For most accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. For

certain General Plant accounts, the annual depreciation is based on amortization accounting. Both types of calculations were based on original cost, attained ages, and estimates of service lives and net salvage.

The straight line method, average service life procedure is a commonly used depreciation calculation procedure that has been widely accepted in jurisdictions throughout North America. Gannett Fleming recommends its continued use. Amortization accounting is used for certain General Plant accounts because of the disproportionate plant accounting effort required when compared to the minimal original cost of the large number of items in these accounts. An explanation of the calculation of annual and accrued amortization is presented beginning on page V-4 of the report.

### Service Life and Net Salvage Estimates

The service life and net salvage estimates used in the depreciation and amortization calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric utility industry, and comparisons of the service life and net salvage estimates from our studies of other electric utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for electric plant. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts not subject to amortization accounting.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and the estimated future yielded estimated survivor curves from which the average service lives were derived.

# PART II. ESTIMATION OF SURVIVOR CURVES

### PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below and the development of net salvage is discussed in later sections of this report.

### **SURVIVOR CURVES**

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units, or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the

differences between the amount of property surviving at the beginning and at the end of each interval.

This study has incorporated the use of lowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

### **Iowa Type Curves**

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the lowa type curves. There are four families in the lowa system, labeled in accordance with the location of the modes of the retirements in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family.

The lowa curves were developed at the lowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves,

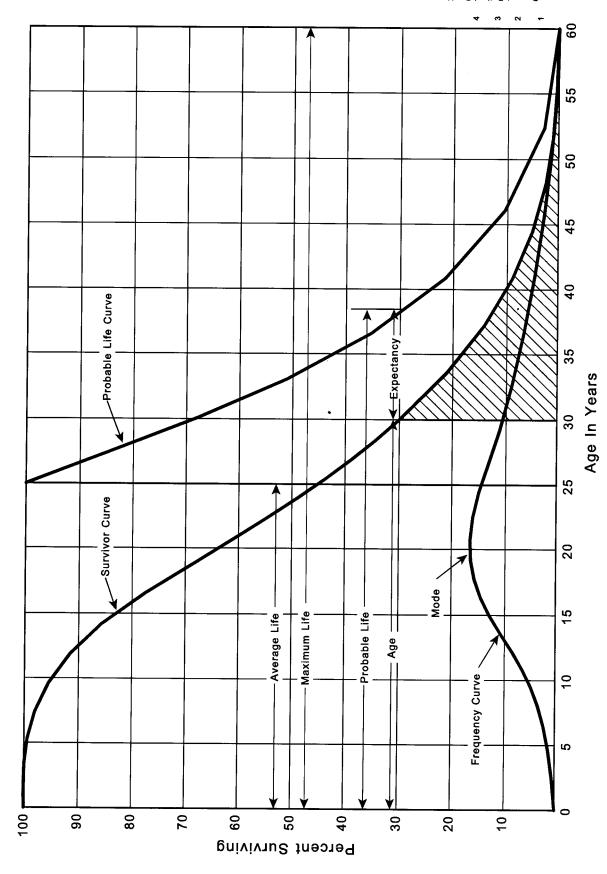


Figure 1. A Typical Survivor Curve and Derived Curves

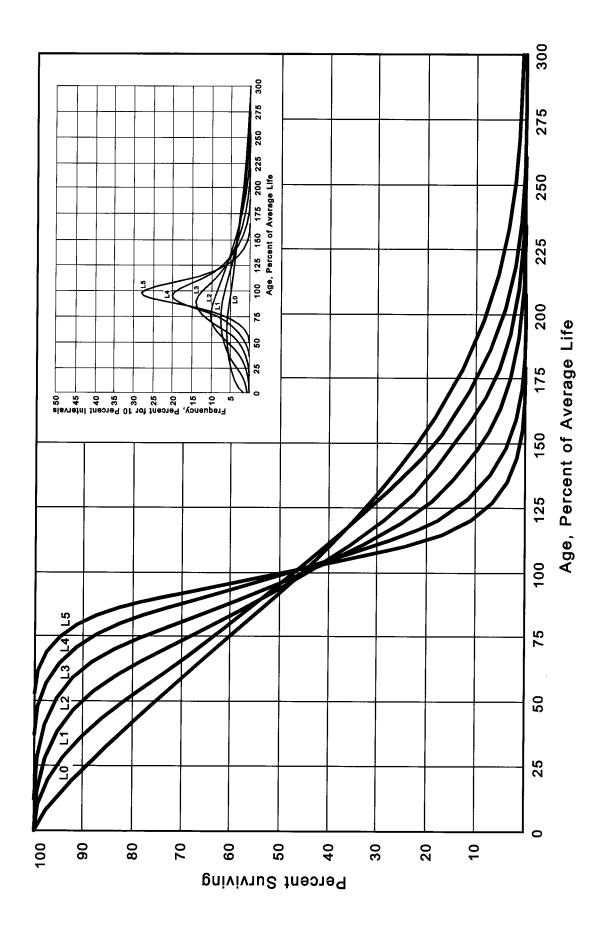
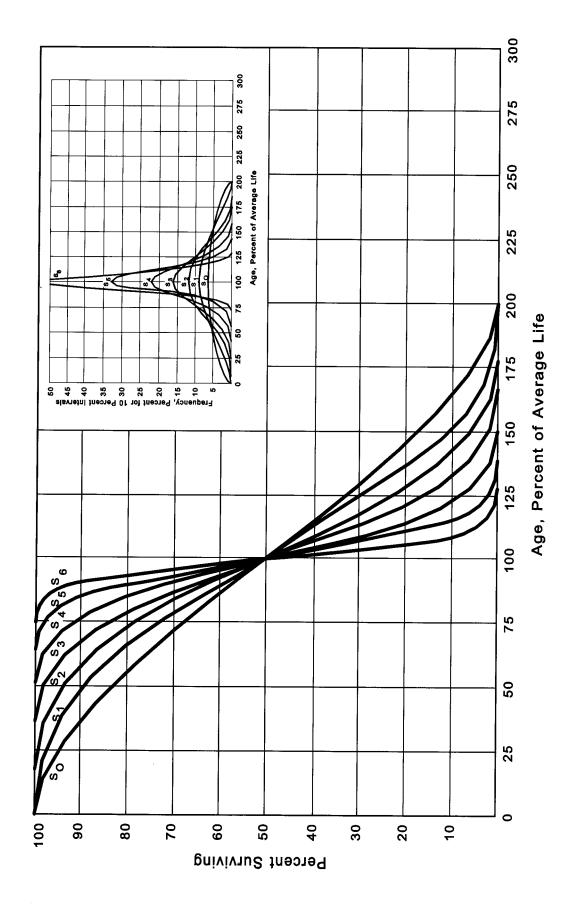
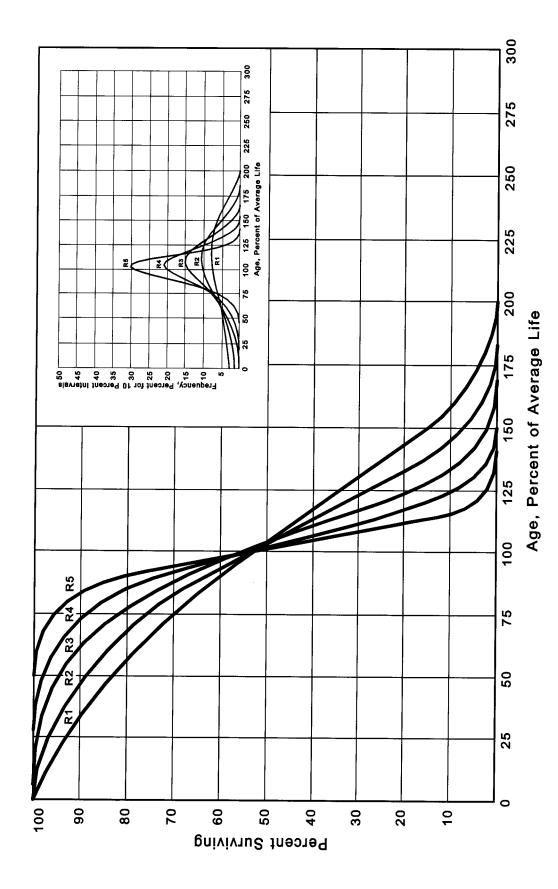


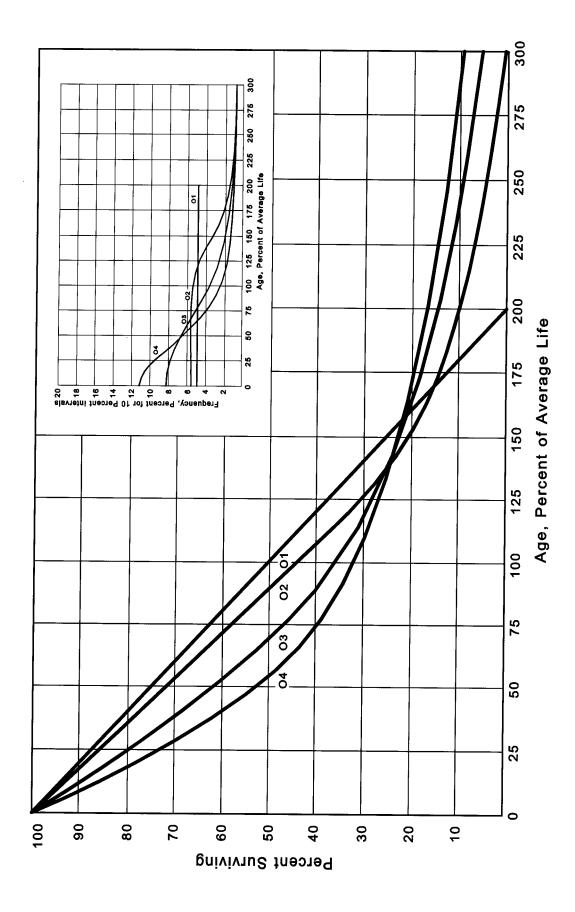
Figure 2. Left Modal or "L" lowa Type Survivor Curves



Symmetrical or "S" lowa Type Survivor Curves Figure 3.



Right Modal or "R" lowa Type Survivor Curves



Origin Modal or "O" lowa Type Survivor Curves Figure 5.

which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125. These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation." In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

### **Retirement Rate Method of Analysis**

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text, and is also explained in several publications, including "Statistical Analyses of Industrial Property Retirements," "Engineering Valuation and Depreciation," and "Depreciation Systems."

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band, and the band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes

<sup>&</sup>lt;sup>1</sup>Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

<sup>&</sup>lt;sup>2</sup>Winfrey, Robley, <u>Statistical Analyses of Industrial Property Retirements</u>. Iowa State College Engineering Experiment Station. Bulletin 125, 1935.

Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 1.

<sup>&</sup>lt;sup>4</sup>Wolf, Frank K. and W. Chester Fitch. <u>Depreciation Systems</u>. Iowa State University Press. 1994.

schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

### Schedules of Annual Transactions in Plant Records

The property group used to illustrate the retirement rate method is observed for the experience band 2005-2014 during which there were placements during the years 2000-2014. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Schedules 1 and 2 on pages II-11 and II-12 In Schedule 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, \$10,000 of the dollars invested in 2000 were retired in 2005. The \$10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of \$143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2005 retirements of 2000 installations and ending with the 2014 retirements of the 2009 installations. Thus, the total amount of 143 for age interval 4½-5½ equals the sum of:

$$10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20$$
.



SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2005-2014 SUMMARIZED BY AGE INTERVAL

י ימכייויפווג במוום בססס-בס ו	Total During Age	Age Interval Interval	(12) (13)	26 13%-14%	•	`	·				124 61/2-71/2		143 41/2-51/2	146 3%-41/2	150 21/2-31/2	151 11/2-21/2	153 %-11/2	80 0-1%	1,606
-	Tc	2014 Ac	(11)	56	19	18	17	20	20	20	19	19	20	23	25	25	24	13	308
37.0		2013	(10)	25	22	22	16	19	16	18	19	19	19	22	22	23	7		273
		2012	(6)	24	21	21	15	17	15	16	17	17	17	20	20	7			231
Dollars		2011	(8)	23	20	19	<del>1</del>	16	- 4	15	16	16	16	<del>0</del>	တ			ļ	196
usands of	During Year	2010	(-)	16	18	17	13	1 4	13	4	15	15	4	œ					157
Retirements, Thousands of Dollars	Durin	2009	(9)	4	16	16	<u></u>	13	12	13	13	13	7						128
Retire		2008	(2)	13	15	1 4	7	12	Ξ	12	12	ဖ							106
		2007	<u>4</u>	12	13	13	10	Ξ	9	7	ဖ								86
		<u>2006</u>	(3)	=======================================	12	12	တ	10	တ	2									68
		2005	(2)	10	7	7	∞	တ	4										53
>	Year	Placed	<del>(</del> 2	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total

# SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2005-2014 SUMMARIZED BY AGE INTERVAL

4
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Placement Band 2000-2014

		Age	Interval	(13)	131/2-141/2	12%-13%	111/2-121/2	10%-11%	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2		
		<b>Total During</b>	Age Interval	(12)		ı	ŀ	09	ı	(5)	9	1	ı	1	10	•	(121)	ı	1	(20)	
			2014	(11)	. 1	ı	1	ı	ı	ı	,	,	,	,	ı	ı	(102) <sup>c</sup>			(102)	
			2013	(10)	1		,	ı		,	ı	ı	F	22ª	1	ı	ı	ı		22	
of Dollars			2012	6)	ı	ı	ı	(2) <sub>p</sub>	е <sub>в</sub>	,	ı	ı	(12) <sup>b</sup>	. 1	(19) <sup>b</sup>	1	•			(30)	
onsands o			2011	(8)	<sub>e</sub> 09	•	,	ı	ı	1	ı	ı		1	•					09	
Sales, Tho	Year		2010	(2)	ı		•	ı			ı	,	,	ı	,					,	
Acquisitions, Transfers and Sales, Thousands of Dollars	During Year		2009	(9)	ı	r	ı		,	1		ı	1							1	
ons, Trans			2008	(2)	ı	ı	ı	ı	•	,	•	ı								r	
Acquisiti			2007	<b>4</b> )	ı		,	ı	•	ı										ı	
			<u>2006</u>	(3)	ı		1	ı	i											1	
			2005	(2)	ı	•			ı	1										1	
•	;	Year	Placed	Ξ	2000	2001	2002	2003	2004	2002	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	

<sup>&</sup>lt;sup>a</sup> Transfer Affecting Exposures at Beginning of Year

<sup>&</sup>lt;sup>b</sup> Transfer Affecting Exposures at End of Year

<sup>°</sup> Sale with Continued Use

Parentheses Denote Credit Amount.

In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

### Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2005 through 2014 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2010 are calculated in the following manner:

Exposures at age 0	= amount of addition	= \$750,000
Exposures at age ½	= \$750,000 - \$ 8,000	= \$742,000
Exposures at age 11/2	· = \$742,000 - \$18,000	= \$724,000
Exposures at age 21/2	= \$724,000 - \$20,000 - \$19,000	= \$685,000
Exposures at age 31/2	= \$685,000 - \$22,000	= \$663,000

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT JANUARY 1 OF EACH YEAR 2005-2014 SUMMARIZED BY AGE INTERVAL

		Expo	Exposures, Thousands of Dollars	usands of [	Dollars				Total at	
1		Annual Survivors at the Beginning of the Year	vivors at the	e Beginnin	g of the Ye	ar			Beainning of	Age
20	<u>6</u> 2007		2009	2010	2011	2012	2013	2014	Age Interval	Interval
(3)	(4)	(2)	(9)	(2)	(8)	(6)	(10)	(11)	(12)	(13)
5	45 234		209	195	239	216	192	167	167	13½-14½
7			228	212	194	174	153	131	323	121/2-131/2
Ñ		l	257	241	224	205	184	162	531	111/2-121/2
က်	330 321	311	300	289	276	262	242	226	823	10%-11%
ĕ			334	321	307	297	280	261	1,097	91/2-101/2
4			386	374	361	347	332	316	1,503	81/2-91/2
4			432	419	405	390	374	356	1,952	71/2-81/2
	510 <sup>a</sup>	504	492	479	464	448	431	412	2,463	61/2-71/2
		580ª	574	561	546	530	501	482	3,057	51/2-61/2
			660 <sup>a</sup>	653	639	623	628	609	3,789	41/2-51/2
				$750^{a}$	742	724	685	663	4,332	31/2-41/2
					850 <sup>a</sup>	841	821	799	4,955	21/2-31/2
						<sub>8</sub> 096	949	926	5,719	11/2-21/2
							1,080ª	1,069	6,579	1/2-11/2
								1,220 <sup>a</sup>	7,490	0-1/2
2,382	32 2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780	

<sup>a</sup>Additions during the year



For the entire experience band 2005-2014, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

### Original Life Table

The original life table, illustrated in Schedule 4 on page II-16, is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

```
Percent surviving at age 4½
                                        88.15
Exposures at age 4½
                                = 3.789.000
Retirements from age 4\frac{1}{2} to 5\frac{1}{2}
                                     143,000
Retirement Ratio
                                =
                                     143,000 \div 3,789,000 = 0.0377
Survivor Ratio
                                       1.000 -
                                                  0.0377 = 0.9623
Percent surviving at age 5½
                                =
                                      (88.15) x
                                                 (0.9623) =
                                                               84.83
```

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

# SCHEDULE 4. ORIGINAL LIFE TABLE CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2005-2014

Placement Band 2000-2014

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at Beginning of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Age Interval
(1)					
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
14.5					35.66
Total	<u>44,780</u>	<u>1,606</u>			

Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.

Column 3 from Schedule 1, Column 12, Retirements for Each Year.

Column 4 = Column 3 Divided by Column 2.

Column 5 = 1.0000 Minus Column 4.

Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

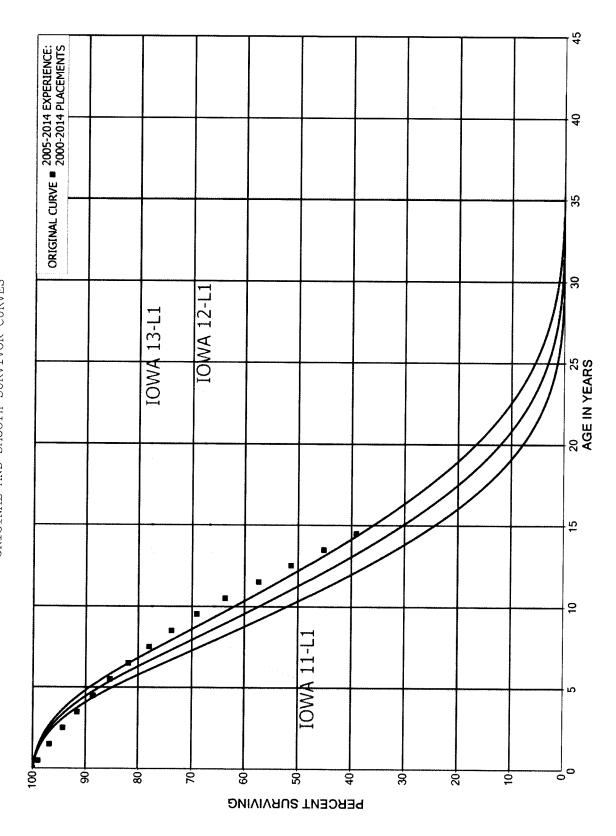
### **Smoothing the Original Survivor Curve**

The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The lowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the lowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R lowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 lowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

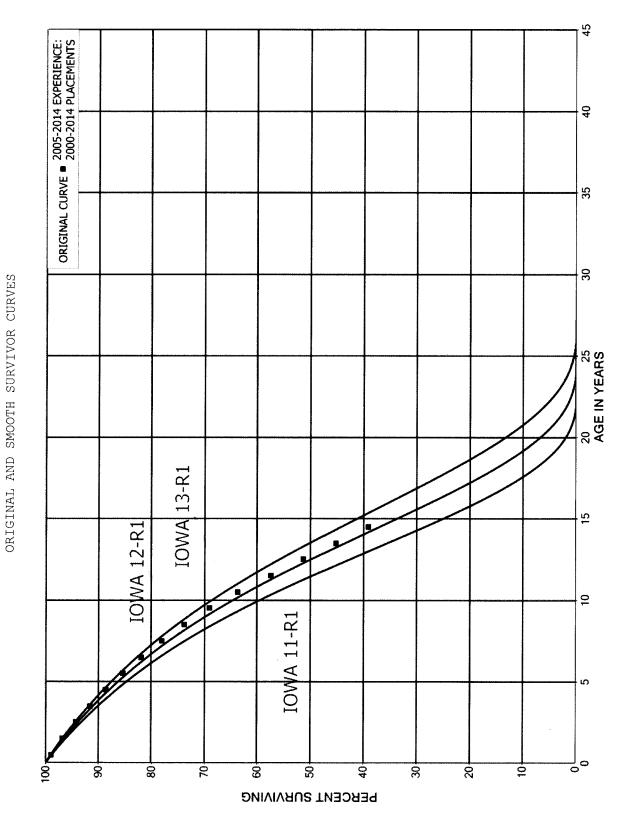


SO IOWA TYPE CURVE FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN ORIGINAL AND SMOOTH SURVIVOR CURVES

45 ORIGINAL CURVE 

2000-2014 EXPERIENCE:
2000-2014 PLACEMENTS 9 35 3 20 25 AGE IN YEARS IOWA 13-S0 5 9 IOWA 11-S0 8 70 20 ġ 20 PERCENT SURVIVING

IOWA TYPE CURVE R1 FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN



R1 IOWA TYPE CURVE AND S0 L1, FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN ORIGINAL AND SMOOTH SURVIVOR CURVES

ORIGINAL CURVE S005-2014 EXPERIENCE: 2000-2014 PLACEMENTS 9 35 30 20 25 AGE IN YEARS 5 10 IOWA | 12-L1 8 8 30 8 PERCENT SURVIVING

# **PART III. SERVICE LIFE CONSIDERATIONS**

### PART III. SERVICE LIFE CONSIDERATIONS

### FIELD TRIPS

In order to be familiar with the operation of the Company and observe representative portions of the plant, a field trip was conducted for the study. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements are obtained during field trips. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The following is a list of the locations visited during the most recent field trips.

### September 30, 2015

latan Generating Station Lake Road Generating Station Lake Road Industrial Steam Facility

### October 14, 2014

Lake Road Generating Station
Ralph Green Generating Station
Landfill Gas Turbine
St. Joseph Service Center
Kansas City South Substation
Longview Substation
Lee Summit Service Center
Blue Springs Service Center

### August 17-19, 2009

latan Generating Station latan Substation Facilities and Maintenance Facility Lake Road Generating Station Lake Road Combustion Turbines Lake Road Industrial Steam Facility

### SERVICE LIFE ANALYSIS

The service life estimates were based on informed judgment which considered a number of factors. The primary factors were the statistical analyses of data; current Company policies and outlook as determined during conversations with management;

and the survivor curve estimates from previous studies of this company and other electric companies.

The 34 plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses using the retirement rate method resulted in good to excellent indications of the survivor patterns experienced. These accounts represent 90 percent of depreciable plant. Generally, the information external to the statistics led to no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page VII-2

STEAM PRODUCT 311.00 312.00 314.00 315.00 316.00	TION PLANT Structures and Improvements Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment Miscellaneous Power Plant Equipment
OTHER PRODUCT	TION PLANT
341.00	Structures and Improvements
343.00	Prime Movers
344.00	Generators
346.00	Miscellaneous Power Plant Equipment
TRANSMISSION P	LANT
353.00	Station Equipment
355.00	Poles and Fixtures
356.00	Overhead Conductors and Devices
DISTRIBUTION PL	ANT
361.00	Structures and Improvements
362.00	Station Equipment
364.00	Poles, Towers and Fixtures
365.00	Overhead Conductors and Devices
366.00	Underground Conduit
367.00	Underground Conductors and Devices
368.00	Line Transformers
369.01	Services - Overhead
369.02	Services - Underground
370.00	Meters
371.00	Installations on Customers' Premises
373.00	Street Lighting and Signal Systems



### INDUSTRIAL STEAM 312.09 Boiler Plant Equipment 376.09 Mains 381.09 Meters **GENERAL PLANT** 390.00 Structures and Improvements 392.00 Transportation Equipment - Autos 392.01 Transportation Equipment - Light Trucks 392.02 Transportation Equipment - Heavy Trucks 392.04 Transportation Equipment - Trailers 392.05 Transportation Equipment - Medium Trucks

Power Operated Equipment

Account 364.00, Poles, Towers and Fixtures, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Aged plant accounting data have been compiled for the years 1960 through 2014. These data have been coded in the course of the Company's normal record keeping according to account or property group, type of transaction, year in which the transaction took place, and year in which the electric plant was placed in service. The retirements, other plant transactions, and plant additions were analyzed by the retirement rate method.

The survivor curve estimate is based on the statistical indications for the periods 1960-2014, and 1979-2014. The lowa 54-S2.5 is a reasonable fit of the stub original survivor curve for Distribution Poles. The 54-year service life is within the typical service life range of 40 to 60 years for poles. The 54-year life reflects the Company's plans to replace poles and fixtures due to voltage upgrades, relocation and condition.

## Life Span Estimates

396.00

The life span technique was used for the Company's Power Production accounts in conjunction with the use of interim survivor curves which reflect interim retirements that occur prior to the ultimate retirement of the major unit. The life span procedure is appropriate for these accounts since all of the assets within the plant will be retired

concurrently. Probable retirement dates were estimated for each power plant. Life spans for each unit were estimated based on discussions with management regarding future outlook, age and condition of the plant, life spans typically experienced and estimated for similar plants. The life span and probable retirement dates used for production plants are as follows:

Depreciable Group	Major Year in <u>Service</u>	Probable Retirement <u>Year</u>	Life Span
Steam Production Plant			
Jeffrey Energy Center Unit 1	1978	2040	62
Jeffrey Energy Center Unit 2	1980	2040	60
Jeffrey Energy Center Unit 3	1983	2040	57
Sibley Unit 1	1960	2019	59
Sibley Unit 2	1962	2019	57
Sibley Unit 3	1969	2040	71
latan Unit 1	1980	2040	60
latan Unit 2	2010	2070	60
Lake Road Boiler 1	1950	2035	85
Lake Road Boiler 2	1958	2035	77
Lake Road Boiler 3	1962	2035	73
Lake Road Boiler 4	1966	2035	69
Lake Road Boiler 5	1974	2035	61
Lake Road Boiler 8	2006	2035	29
Lake Road Unit 1	1950	2035	85
Lake Road Unit 2	1958	2035	77
Lake Road Unit 3	1962	2035	73
Lake Road Unit 4	1966	2020	54
Other Production Plant			
Greenwood Unit 1	1975,2000	2035	60,35
Greenwood Unit 2	1975,2000	2035	60,35
Greenwood Unit 3	1977,2001	2035	58,34
Greenwood Unit 4	1979,2000	2035	56,35
Nevada	1974,1998	2035	61,37
South Harbor Unit 1	2005	2050	45
South Harbor Unit 2	2005	2050	45
South Harbor Unit 3	2005	2050	45
Crossroads Unit 1	2002	2048	46
Crossroads Unit 2	2002	2048	46
Crossroads Unit 3	2002	2048	46
Crossroads Unit 4	2002	2048	46

Depreciable Group	Major Year in <u>Service</u>	Probable Retirement <u>Year</u>	<u>Life Span</u>
Lake Road Unit 5	1974	2035	61
Lake Road Unit 6	1989	2035	46
Lake Road Unit 7	1989	2035	46
Ralph Green	1981,1994	2035	54,41
Landfill Gas Turbine	2012	2042	30

Power plants typically are retired when there are other units that can generate electricity at a lower cost. Typical life spans for base load, coal-fired power plants are 50 to 65 years. For example, Units 1 & 2 at latan Generating facility were completed in 1980 and 2010, respectively. The estimated probable retirement date for latan Unit 1 is 2040 and latan Unit 2 is 2070. Thus, the life spans estimated for the latan power plant is 60 years for both Unit 1 and Unit 2, which is within the typical range. The estimated retirement dates should not be interpreted as commitments to retire these plants on these dates, but rather, as reasonable estimates subject to modification in the future as circumstances dictate.

Similar studies were performed for the remaining plant accounts. Each of the judgments represented a consideration of statistical analyses of aged plant activity, management's outlook for the future, and the typical range of lives used by other electric companies.

The selected amortization periods for other General Plant accounts are described in the section "Calculated Annual and Accrued Amortization."

## PART IV. NET SALVAGE CONSIDERATIONS

### PART IV. NET SALVAGE CONSIDERATIONS

### **SALVAGE ANALYSIS**

The estimates of net salvage by account were based in part on historical data compiled for the years 1980 through 2014. Cost of removal and salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates by account are expressed as a percent of the original cost of plant retired.

### **Net Salvage Considerations**

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of removal and salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and salvage data are presented in the section titled "Net Salvage Statistics" for the plant accounts for which the net salvage estimate relied partially on those analyses.

Statistical analyses of historical data for the period 1980 through 2014 contributed significantly toward the net salvage estimates for 32 plant accounts, representing 79 percent of the depreciable plant, as follows:

### STEAM PRODUCTION PLANT

311.00	Structures and Improvements
312.00	Boiler Plant Equipment
314.00	Turbogenerator Units
315.00	Accessory Electric Equipment

### OTHER PRODUCTION PLANT 341.00 Structures and Improvements 342.00 Fuel Holders, Producers and Accessories 343.00 Prime Movers 344.00 Generators 345.00 Accessory Electric Equipment TRANSMISSION PLANT 353.00 Station Equipment 356.00 Overhead Conductors and Devices DISTRIBUTION PLANT 361.00 Structures and Improvements 362.00 Station Equipment 365.00 Overhead Conductors and Devices 367.00 **Underground Conductors and Devices Line Transformers** 368.00 369.02 Services - Underground 370.00 Meters 370.01 Meters - Load Research Meters 371.00 Installations on Customers' Premises 373.00 Street Lighting and Signal Systems INDUSTRIAL STEAM 376.09 Mains 379.09 City Gate Station 381.09 Meters

Account 362.00, Station Equipment, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Net salvage data for the period 1980 through 2014 were analyzed for this account. The data include cost of removal, gross salvage and net salvage amounts and each of these amounts is expressed as a percent of the original cost of regular retirements. Three-year moving averages for the 1980-1982 through 2012-2014 periods were computed to smooth the annual amounts.

Structures and Improvements

Power Operated Equipment

Transportation Equipment - Combined

GENERAL PLANT 390.00

392.00

396.00

Cost of removal has been relatively consistent as a percentage of retirements since 1994 with the exception of 2012. The high costs in 2012 were charges to assets actually completed and booked in 2013. The practice for removal of transformers and breakers has not changed. Cost of removal for the most recent five years averaged 23 percent.

Gross salvage has varied throughout the period but has decreased as a percentage of retirements since 2008, as many retirements have been to old or obsolete assets. The most recent five-year average of 1 percent gross salvage reflects recent trends of little to no salvage value.

The net salvage percent based on the overall period 1980 through 2014 is 5 percent negative net salvage and based on the most recent five-year period is negative 23 percent. The range of estimates made by other electric companies for distribution station equipment is negative 5 to negative 25 percent. The net salvage estimate for station equipment is negative 10 percent, is within the range of other estimates and reflects the levels to more negative net salvage experienced in recent years.

The overall net salvage estimates for the Company's production facilities, for which the life span method is used, is based on estimates of both final net salvage and interim net salvage. Final net salvage is the net salvage experienced at the end of a production plant's life span. Interim net salvage is the net salvage experienced for interim retirements that occur prior to the final retirement of the plant. The final net salvage estimates in the study were based on a decommissioning study performed by Sega, Inc. The interim net salvage estimates were based in part on an analysis of historical interim retirement and net salvage data. Based on informed judgment that

incorporated these interim net salvage analyses for each plant account, an interim net salvage estimate was established for each production account and applied to the original cost.

The interim survivor curve estimates for each account and production facility were used to calculate the percentage of plant expected to be retired as interim retirements and the final retirements. These are shown on Table 2 in the Net Salvage Statistics section on pages VIII-2 through VIII-7. These percentages were used to determine the weighted net salvage estimate for each account and production facility based on the interim and final net salvage estimates. These calculations, as well as the estimated final net salvage amounts and interim net salvage percents, are shown on Table 2 of the Net Salvage Statistics section on pages VIII-2 through VIII-7.

The net salvage estimates for most of the remaining accounts were estimated using the above-described judgment process incorporating historical indications and reviewing the typical range of estimates used by other electric companies. The results of the net salvage analysis for each plant account are presented in account sequence in the section titled "Net Salvage Statistics", beginning on page VIII-8.

Generally, the net salvage estimates for the general plant accounts were zero percent, consistent with amortization accounting.

# PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

# PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

### **GROUP DEPRECIATION PROCEDURES**

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

### **Single Unit of Property**

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a \$1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1,000}{(4+6)}$$
 = \\$100 per year.

The accrued depreciation is:

$$$1,000\left(1-\frac{6}{10}\right)=$400.$$

### Remaining Life Annual Accruals

For the purpose of calculating remaining life accruals as of December 31, 2014, the depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations as of December 31, 2014, are set forth in the Results of Study section of the report.

### **Average Service Life Procedure**

In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

Ratio = 1 - 
$$\frac{\text{Average Remaining Life}}{\text{Average Service Life}}$$
.

### CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization period and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is proposed for a number of accounts that represent numerous units of property, but a very small portion of depreciable electric plant in service. The accounts and their amortization periods are as follows:

		AMORTIZATION
		PERIOD,
<u>ACCT</u>	<u>TITLE</u>	<u>YEARS</u>
391.01,	Office Furniture and Equipment	20
391.02,	Computers	8
391.04,	Software	9
393.00,	Stores Equipment	25
394.00,	Tools, Shop and Garage Equipment	25
395.00,	Laboratory Equipment	30
397.00,	Communication Equipment	27
398.00,	Miscellaneous Equipment	25

For the purpose of calculating annual amortization amounts as of December 31, 2014, the book depreciation reserve for each plant account or subaccount is assigned

or allocated to vintages. The book reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

**PART VI. RESULTS OF STUDY** 

### PART VI. RESULTS OF STUDY

### **QUALIFICATION OF RESULTS**

The calculated annual and accrued depreciation are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation, using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric plant in service as of December 31, 2014. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to December 31, 2014, is reasonable for a period of three to five years.

### **DESCRIPTION OF DETAILED TABULATIONS**

Table 1 is a summary of the results of the study as applied to the original cost of electric plant at December 31, 2014 presented on pages VI-4 through VI-11 of this report.

The service life estimates were based on judgment that incorporated statistical analysis of retirement data, discussions with management and consideration of estimates made for other electric utilities. The results of the statistical analysis of service life are presented in the section beginning on page VII-2, within the supporting documents of this report.

For each depreciable group analyzed by the retirement rate method, a chart depicting the original and estimated survivor curves followed by a tabular presentation of the original life table(s) plotted on the chart. The survivor curves estimated for the depreciable groups are shown as dark smooth curves on the charts. Each smooth survivor curve is denoted by a numeral followed by the curve type designation. The numeral used is the average life derived from the entire curve from 100 percent to zero percent surviving. The titles of the chart indicate the group, the symbol used to plot the points of the original life table, and the experience and placement bands of the life tables which where plotted. The experience band indicates the range of years for which retirements were used to develop the stub survivor curve. The placements indicate, for the related experience band, the range of years of installations which appear in the experience.

The analyses of salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and salvage data, three-year moving averages and the most recent five-year average. Data are shown in dollars and as percentages of original costs retired.

The tables of the calculated annual depreciation applicable to depreciable assets as of December 31, 2014 are presented in account sequence starting on page IX-2 of the supporting documents. The tables indicate the estimated survivor curve and net salvage percent for the account and set forth, for each installation year, the original cost, the calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life, and the calculated annual accrual amount.

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTION

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCUL ATED ANNIJAL DEPRECIATION ACCELIALS AS OF DEPENMED 34, 2044

COMPOSITE REMAINING LIFE (10)=(7)/(8)

	AND CALCUI	ATED ANNUAL I	DEPRECIATION	AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014	ER 31, 2014			
	PROBABLE RFTIREMENT	SIRVIVOR	NET SALVAGE	ORIGINAL COST	a a	ugi E	CALCULATED	TED
ACCOUNT	DATE	CURVE	PERCENT	DECEMBER 31, 2014	RESERVE	ACCRUALS	AMOUNT	RATE
(1)	(2)	(3)	(4)	(5)	(9)	(7)	(8)	(9)=(8)/(2)
TEAM PRODUCTION PLANT								
STRUCTURES AND IMPROVEMENTS JATAN UNIT 2	0206	90.00	\$	28 106 931 12	202 203	77 604 447	710 303	č
IATAN COMMON (ECORP)	2070	90-R2.5	(S)	10.107.617.44	1.184.379	10 944 762	208.357	1.01
JEFFREY ENERGY CENTER UNIT 1	2040	90-R2.5	(e) •	6,352,619.91	4,261,748	2,472,029	101,733	1.60
JEFFREY ENERGY CENTER UNIT 2	2040	90-R2.5	(2)	5,131,916.08	3,226,159	2,162,353	88,479	1.72
JEFFREY ENERGY CENTER UNIT 3 JEFFREY ENERGY CENTER COMMON	2040	90-R2.5	© @	5,692,669.23	3,587,790	2,389,513	97,659	1.72
SIBLEY UNIT 1	2040	90-R2.5	? @	3 807 151 63	3,080,319	2,590,265	103,703	2.69
SIBLEY UNIT 2	2019	90-R2 5	) (c	3,607,191.63	1 414 117	42,033	9,5/6	1.60
SIBLEY UNIT 3	2040	90-R2.5	ΞΞ	12.135.934.70	8.587.851	4.883.037	20, 133	1.66
SIBLEY COMMON	2040	90-R2.5	(6) •	33,521,831.39	12,842,746	23,696,050	948,620	2.83
IATAN UNIT 1	2040	90-R2.5	(11)	4,752,309.26	2,789,303	2,485,760	100,836	2.12
IATAN COMMON (L&P)	2040	90-R2.5	. (11)	7,974,272.58	1,675,387	7,176,056	285,605	3,58
LAKE ROAD BOILER 1	2035	90-R2.5	(e) •	8,701.66	2,447	6,777	335	3.85
LAKE BOAD BOILER 2	2035	90-R2.5	(e) •	34,678.77	5,172	31,587	1,558	4.49
LAKE ROAD BOILER 3	2035	90-R2.3	(c) (c)	8,657.34	1,991	1,359	4/	0.85
AKE ROAD BOILER 4	2035	90-RZ.3	(o) (y)	114,100.12	138,737	74,471	1,289	1.13
I AKE ROAD BOILER &	2033	90-R2.3	() (r)	1,042,401.12	136,403	1,002,487	78,933	4.81
LAKE ROAD BOILERS COMMON	2035	90-R2 5	e (	2 574 788 44	302,133	3/6,544	16,363	94
LAKE ROAD UNIT 1	2035	90-R2 5	0.5	856 148 96	647.041	269,104,2	13,277	1.03
LAKE ROAD UNIT 2	2035	90-R2.5	: :	1,121,097,50	795,949	403,625	20.406	1.82
LAKE ROAD UNIT 3	2035	90-R2.5	:E	361,335.57	249,585	137,044	6,918	1.91
LAKE ROAD UNIT 4	2020	90-R2.5	( <del>1</del> )	2,961,098.80	2,699,293	380,250	69,319	2.34
LAKE ROAD COMMON	2035	90-R2.5	(9)	9,764,105.13	4,729,573	5,620,378	278,814	2.86
TOTAL STRUCTURES AND IMPROVEMENTS				143,774,439.28	57,295,701	97,884,999	3,303,900	2.30
BOILER PLANT EQUIPMENT								
IATAN UNIT 2	2070	60-80.5	. (16)	192,962,340,61	20,351,803	203.484.512	4 531 814	2.35
IATAN COMMON (ECORP)	2070	60-80.5	(25)	28,764,048.81	3,841,634	32,113,427	721,136	2.51
JEFFREY ENERGY CENTER UNIT 1	2040	60-80.5	(13)	14,202,243.09	7,946,686	8,101,849	368,384	2.59
CEPTREY ENERGY CENTER UNIT 2	2040	60-80.5	(13)	18,872,153.80	11,329,913	9,995,621	461,788	2.45
JEFFREY FINENCY CENTER COMMON	2040	60-50.5	(3)	23,093,436.80	13,707,748	12,387,836	569,445	2.47
SIBLEY UNIT 1	2019	60-80.5	( ) ( )	28.138.759.34	24 224 298	5,602,787	1 261 841	2.47
SIBLEY UNIT 2	2019	60-80.5	(9) •	19,431,773.63	16,655,149	3,942,531	887,711	4.57
SIBLEY UNIT 3	2040	60-80.5	(15)	110,191,046:17	49,503,452	77,216,251	3,374,169	3.06
SIBLEY COMMON	2040	60-80.5	(14)	35,575,252.48	13,994,830	26,560,958	1,143,660	3.21
ATAN COMMON S PO	2040	60-80.5	(15)	95,886,764.78	35,145,830	75,123,949	3,215,106	3.35
I AKE ROAD BOILER 1	2040	60.50.0	(13)	1 064 044 32	4,734,021	20,851,123	866,883	3.83
LAKE ROAD BOILER 2	2035	60-50 5	(1)	777 035 97	475,130	387 371	79,342	67.6
LAKE ROAD BOILER 3	2035	60-80.5	(6)	1 124.466 03	529 209	707 704	37,332	3.32
LAKE ROAD BOILER 4	2035	60-80.5	(£)	3,032,954.19	1,617,441	1,749,138	94,422	3.11
LAKE ROAD BOILER 5	2035	60-80.5	. (10)	8,739,740.10	3,773,219	5,840,495	306,436	3.51
LAKE KOAD BOILER 8	2035	60-80.5	œ :	7,222,473.47	2,132,806	5,667,465	289,971	4.01
LAKE ROAD BOILERS COMMON	2035	60-80.5	æ) (	6,155,500.31	1,686,539	4,961,401	253,745	4.12
LAKE ROAD UNIT 2	2035	60-80.5	96	55 770 60	5,101	52,832	9,454 0,660	4.24
LAKE ROAD UNIT 4	2020	60-80.5	(4)	22,544,426.84	13,660,641	9,785,563	1,793,677	96.2
LAKE ROAD COMMON	2035	60-80.5	(10)	19,169,505.01	9,735,830	11,350,626	603,021	3.15

311.00

FOTAL BOILER PLANT EQUIPMENT

3.16

21,021,322

520,673,057

236,583,665

664,449,382.02

312.00

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTION

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014

COMPOSITE REMAINING LIFE (10)=(7)(8)	24 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2	7.7 4 4 4 4 6 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ATED SCRUAL RATE (9)=(8)/(5)	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 2 2 2 2 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5	2.22 2.28 2.28 2.05 2.05 2.05 2.06 2.06 2.07
CALCULATED ANNUAL ACCRUAL AMOUNT (8) (9)	523.276 566.369 580.142 664.726 410.6025 4,145,187 110,817 116,837 116,637 916.195 916.195	1,520,630 1,520,630 143,470 136,347 137,151 187,151 187,151 187,151 187,151 187,151 187,151 187,151 18,586 18,586 18,586 19,686 19,686 10,686	391,334 100,466 46,146 41,655 49,698 16,491 26,564 33,354 221,046 106,963
FUTURE ACCRUALS (7)	12,797,313 14,382,725 14,168,760 16,245,722 1,829,115 1,820,918 101,250,328 2,664,289 1,664,289 1,664,380 4,957,333 1,665,821 1,686,830 1,686,823	69,751,385 1038,776 3,294,126 3,103,332 4,221,155 1,306,611 2,967,547 3,112,414 26,985,438 196,628 703,714 92,246 2,024,455 1,589,279 876,929 5,220,555 9,393	17,573,593 4,473,777 1,008,922 925,229 1,077,389 387,582 118,302 148,392 4,879,560 2,407,325
OST BOOK 1, 2014 (6)	1,106,719 1,004,859 1,307,414 1,402,205 774,465 774,465 774,465 9,472,904 290,604 290,604 290,604 290,604 290,774,148 484,277 20,134,401	5,846,452 104,625 2,450,365 2,650,597 3,744,141 318,798 12,288,709 9,869,863 17,184,670 6,871,999 149,670 6,871,999 149,670 1,722,776 1,813,425 5,76,355 7,990,218	1,960,487 598,209 1,347,953 1,064,518 1,564,429 202,700 2,026,358 1,880,976 5,783,313
ORIGINAL COST AS OF DECEMBER 31, 2014 (5)	13.369,261.88 14.805,465.42 14.805,984.4 16.806.984.4 16.969,103.59 2,489,123.39 2,489,123.39 2,489,123.38 100,657,483.86 2,713,538.70 775,69 455,225,65 13,705,53 2,009,301.22 7,433.827,60 2,009,301.22 7,433.827,60 2,009,301.22	70,652,184,05 965,983,86 5,366,883,19 5,377,504,12 7,453,547,35 1,485,547,35 1,485,547,35 1,22,47,431,20 39,722,432,24 311,980,08 14,726,388,34 746,663,58 98,375,21 3,535,123,33 3,210,098,48 1,371,022,38 1,372,38	17,598,269,39 4,226,655,11 2,422,050 1,825,450 2,423,667,82 2,423,667,82 19,14,617,62 19,14,617,62 4,332,897,64 4,332,894,85
NET SALVAGE PERCENT (4)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	€\$666666£££££6666€6	(1,1) (20) (3) (4) (4) (4)
SURVIVOR CURVE	4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	60-845 60-85 60-85 60-85 60-85 60-85 60-85 60-85 60-85 60-85 60-85 60-85 60-85 60-85 6	60-80.5 60-80.5 60-80.5 60-80.5 60-80.5 60-80.5 60-80.5 60-80.5 60-80.5
PROBABLE RETIREMENT DATE (2)	2040 2040 2040 2040 2019 2019 2040 2040 2035 2035 2035	2070 2070 2040 2040 2040 2013 2013 2040 2040 2040 2055 2035 2035 2035 2035 2035 2035 203	2070 2070 2040 2040 2040 2019 2019 2040 2040
ACCOUNT (1)	BOILER PLANT EQUIPMENT - POLLUTION CONTROL EQUIPMENT JEFFREY ENERGY CENTER UNIT 2 JEFFREY ENERGY CENTER UNIT 3 JEFFREY ENERGY CENTER UNIT 3 JEFFREY ENERGY CENTER COMMON SIBLEY UNIT 1 SIBLEY UNIT 2 SIBLEY UNIT 3 SIBLEY UNIT 3 SIBLEY UNIT 3 SIBLEY UNIT 1 SIBLEY UNIT 3 SIBLEY UNIT 1 LARE NOAD BOILER 4 LARE ROAD BOILER 4 LARE ROAD UNIT 4 LARE ROAD COMMON	TURBOGENERATOR UNITS  ATAN UNIT 2  JEFREY ENERGY CENTER UNIT 1  JEFREY ENERGY CENTER UNIT 2  JEFREY ENERGY CENTER UNIT 3  JEFREY ENERGY CENTER COMMON SIBLEY UNIT 3  SIBLEY UNIT 1  SIBLEY UNIT 3  LAKE ROAD BOULERS COMMON LAP IN TAN COMMON LEP IN TAN COMMON LAKE ROAD UNIT 3  LAKE ROAD UNIT 3  LAKE ROAD UNIT 4  LAKE ROAD UNIT 5	ACCESSORY ELECTRIC EQUIPMENT ATAN UNIT 2 IATAN COMMON (ECORP) JEFREY ENERGY CENTER UNIT 1 JEFREY ENERGY CENTER UNIT 3 JEFREY ENERGY CENTER UNIT 3 JEFREY ENERGY CENTER UNIT 3 JEFREY ENERGY CENTER COMMON SIBLEY UNIT 1 SIBLEY UNIT 2 SIBLEY UNIT 3 SIBLEY UNIT 3 SIBLEY COMMON
	312.02	314.00	315.00



KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTION

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014

CALCULATED COMPOSITE ANNUAL ACCRUAL REMAINING	(9)=(8)/(5) (10)=(7)/(8)	8 3.80 25.1	2.77		1.23	3.50		4.34		1.96	1.79		5.15	2.27	77 2.83 24.4			5 88 E	3.93	4.11	3.75	13.04	4.31	4.32	4.14	4.06 7.24	4.77	5.09 19.1	4.24	3.29	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	ALS AMOUNT (8)		7,326,572 318,965	34.977 2.073				356,292 18,063				23,940 1,39 885,263 344,49			0,185 1,956,077		320,224 34,826			•	,040,692 53,922	43 934 21,96				,465,177 /4,989 204.204 904		591,983 30,961	4	41,	
	KVE ACCRUALS (7)		2,001,958	<b>,</b>			75,502 1,05					57,788 2. 228,522 1.889	-		29,175,180 47,790,185		130,401 1,06, 42,056 320				71.046		•	2,4	205	_	•	59,207 59,	6	86	
	31, 2014 RESERVE (6)	210.60	กั				1,065,002.18	•			•	3.955.562.85	1		59,195,744.b7 29,1		317.796.72				438,993.40				3,840.65	•		•	5	41	838,984,96 197,443,93 907,072,70 119,335,24 437,289,38 11,313,182,90 1,312,300,87 22,300,87
	(5) (5)						•				4	3.9			91,90					•	•			2	•	-				1,263,145,147.28	
NET OR SALVAGE	1					• •							(6)				•	•		. ,						*		€.			
BLE AENT SURVIVOR	1	60-S0.5					60-50.5				60-80.5			6:08-90:5			35-51				35-81				35.51			35-S1			55-83 55-83 55-83 55-83 55-83 55-83 55-83
PROBABLE RETIREMENT	(5)	2040	202	203	203	203	203	203	203	203	203	202	2035	SOS		200	207	204	2040	2040	100	2018	2040	2040	2040	2040	203	2035			2035 2035 2035 2035 2035 2035 2035 2030 2030
ACCOUNT	(1)	IATAN COMMON (MPS) JATAN UNIT 1	IATAN COMMON (L&P)	LAKE ROAD BOILER 1	LAKE ROAD BOILER 2	LAKE ROAD BOILER 3	LAKE ROAD BOILER 5	LAKE ROAD BOILER 8	LAKE ROAD BOILERS COMMON	LAKE ROAD UNIT 1	LAKE ROAD UNIT 3	LAKE ROAD UNIT 4	LAKE ROAD UNIT 5	TOTAL ACCESSORY ELECTRIC FOLIPMENT		MISCELLANEOUS POWER PLANT EQUIPMENT JATAN UNIT 2	IATAN COMMON (ECORP)	JEFFREY ENERGY CENTER UNIT 1	JEFFREY ENERGY CENTER UNIT 2	JEFFREY ENERGY CENTER UNIT 3 JEFFREY ENERGY CENTED COMMON	SIBLEY UNIT 1	SIBLEY UNIT 2	SIBLEY UNIT 3	SIBLET COMMON	IATAN UNIT 1	IATAN COMMON (L&P)	LAKE ROAD BOILER 5	LAKE KUAU BUILEKS COMMON LAKE ROAD COMMON	TOTAL MISCELLANEOUS POWER PLANT EQUIPMENT	TOTAL STEAM PRODUCTION PLANT	STRUCTURES AND IMPROVEMENTS GREENWOOD UNIT 3 GREENWOOD UNIT 3 GREENWOOD UNIT 3 GREENWOOD UNIT 4 GREENWOOD COMMON NEWADA PLANT SOUTH HARPER UNIT 1 SOUTH HARPER UNIT 2 SOUTH HARPER UNIT 2



KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTION

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014

					מייים אל כי ברכרייים	ER 31, 2014				
		PROBABLE RETIREMENT	SURVIVOR	NET SALVAGE	ORIGINAL COST	à	i i	CALCULATED	VTED	COMPOSITE
	ACCOUNT (1)	DATE (2)	CURVE (3)	PERCENT (4)	DECEMBER 31, 2014 (5)	RESERVE	ACCRUALS	AMOUNT R	RATE	LIFE
	7 E.W. 30 VOG 30 CG 3	. !			Ē.	Ē	Ē	<u>•</u>	(c)/(o)=(e)	(10)=(1)(8)
	CROSSROADS UNIT 2	2048	55-R3	(Q) (Q)	180,000.00	43,266	147,534	4,781	2.66	30.9
	CROSSROADS UNIT 3	2048	55-R3	(e) (e) •	180,000.00	43,266	147,534	4,781	2.66	30.9
	CROSSROADS UNIT 4	2048	55-R3	(e) •	180,000,00	43,266	147,534	4,781	2.66	30.9
	CROSSROADS COMMON	2048	55-R3	(9) •	1,675,895.65	391,039	1.385.410	44 779	2.50	80.9
	AKE BOAD UNIT S	2035	55-R3	(15)	1,229,945.73	711,561	702,877	42,143	3.43	16.7
	LAKE ROAD UNIT 7	2035	55-R3	(19)	218,663.24	114,024	146,185	7,726	3.53	18.9
	RALPH GREEN PLANT	2033	55-R3	(NZ)	28,418.03	12,495	21,607	1,110	3.91	19.5
	LANDFILL GAS TURBINE	2042	55-R3	ê o	129,632.07	260,287 10,209	1,318,981	66,727	3.73	19.8 26.0
	TOTAL STRUCTURES AND IMPROVEMENTS				21 582 327 00	000	100		2 :	ò
0					66.710,200,12	016,080,6	188,010,1	654,575	3.03	27.2
342.00	FUEL HULDERS, PRODUCERS AND ACCESSORIES OBEENIADOD LINIT 1	;	i							
	GREENWOOD UNIT 2	2035	55-R3	(2)	1,173,496.93	529,756	702,416	35,224	3.00	19.9
	GREENWOOD UNIT 3	2035	55-R3	(a) (c)	304,126.43	117,645	201,688	10,065	3.31	20.0
	GREENWOOD UNIT 4	2035	55-R3	() ()	360 338 71	346,035 111 596	831,860	41,583	3.17	20.0
	GREENWOOD COMMON	2035	55-R3	(9) •	537,371.98	400,253	169,361	9.115	1 70	18.6
	SOLITH HADDED INIT 4	2035	55-R3	(59)	743,632.17	407,248	552,037	27,659	3.72	20.0
	SOCIETY PARTICLY ONLY 1	2050	55-R3	(2)	400,000.35	113,976	306,024	9,276	2.32	33.0
	SOUTH HARPER UNIT 3	2050	55-K3	(S)	400,000.35	113,976	306,024	9,276	2.32	33.0
	SOUTH HARPER COMMON	2050	55-R3	(i)	400,000.35 2 804 627 12	113,976	306,024	9,276	2.32	33.0
	CROSSROADS UNIT 1	2048	55-R3	() () ()	600 000 000	722,101	2, 146,463 413,800	65,109	2.32	33.0
	CROSSROADS UNIT 2	2048	55-R3	(9) •	600,000,00	222,101	413,899	13.412	2.24	90.9
	CROSSROADS UNIT 3	2048	55-R3	(g)	00'000'009	222,101	413,899	13,412	2.24	30.9
	CROSSROADS COMMON	2048	55-R3	(Q) (Q)	00.000,009	222,100	413,900	13,412	2.24	30.9
	LAKE ROAD UNIT 5	2035	55-R3	(9)	1,921,888.04	708,104	1,329,097	43,050	2.24	30.9
	LAKE ROAD UNIT 7	2035	55-R3	(16)	9.587.22	7.603	3.518	6,269	1.05	16.0
	RALPH GREEN PLANT	2035	55-R3	(9)	442,780.91	173,449	291,471	14,545	3.28	20.0
	באוס ובר פעס ו סעפועם	2042	55-R3	€	2,306,790.04	242,514	2,087,344	77,539	3.36	26.9
	TOTAL FUEL HOLDERS, PRODUCERS AND ACCESSORIES				16,112,442.26	5,837,522	11,258,075	425,064	2.64	26.5
343.00	PRIME MOVERS									
	GREENWOOD UNIT 1	2035	45-R2	6	9,055,068,87	5 429 078	4 259 B46	224 850	c a	0
	GREENWOOD UNIT 2	2035	45-R2	: :	8,808,229.73	5,273,533	4,151,273	219.097	2.40	. 6 . 0
		2035	45-R2	6	7,630,502.02	4,416,755	3,747,882	197,257	2.59	19.0
	GREENWOOD COMMON	2035	45-K2	e 9	9,141,175.74	5,500,696	4,280,362	226,052	2.47	18.9
	NEVADA PLANT	2035	45-R2	(19)	935 801.35	755,740	341,088	17,776	2.98	19.2
	SOUTH HARPER UNIT 1	2050	45-R2	(01)	22,580,864.67	8,563,613	16,275,338	546.924	2.42	4.00
	SOUTH HARPER UNIT 3	2050	45-R2	(£)	23,139,560.13	8,651,361	16,802,155	563,684	2.44	29.8
	SOUTH HARPER COMMON	2050	45-R2	(C) (6)	22,640,251.50	8,579,769	16,324,508	548,527	2.42	29.8
	CROSSROADS UNIT 1	2048	45-R2	(10)	19.916.176.90	9 759 437	1,323,773	43,906	2.51	30.2
	CROSSROADS UNIT 2	2048	45-R2	(01)	20,138,236.76	9,877,427	12.274.633	443 383	2.20	1.12
	CACCORCACO CIVIL 3	2048	45-R2	(10)	19,887,492.73	9,748,515	12,127,727	438,028	2.20	27.7
	LAKE ROAD UNIT 5	2048	45-K2	( <u>)</u>	20,134,448.60	9,876,796	12,271,097	443,265	2.20	27.7
	LAKE ROAD UNIT 6	2035	45-R2	( )	4,691,598.42	5,472,009	17,161	875	0.02	19.6
	LAKE ROAD UNIT 7	2035	45-R2	(19)	2,945,545,78	3,924,041	68,778	43,942	1.11	
	RALPH GREEN PLANT	2035	45-R2	(9)	5,336,928.69	3,800,345	1,856,799	100.133	1.30	17.9
	LANDFILL GAS LURBINE	2042	45-R2	Ê	11,018.25	1,456	9,672	378	3.43	25.6
	TOTAL PRIME MOVERS				202 740 848 85	102 804 427	110 971 550	707 07 07	Č	Š
					22.2.2.2.2.4.2.4	34L, FOU, 301	800'- 10'8-1	4,546,104	2.24	26.4



KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTION

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014

				ייטיי דייטיי	ACCEUALS AS OF DECEMBER 31, 2014	EK 31, 2014				
	!	RETIREMENT	SURVIVOR	NET SALVAGE	ORIGINAL COST AS OF	BOOK	FUTURE	CALCULATED ANNUAL ACCRUAL	ATED	COMPOSITE
	ACCOUNT (1)	DATE (2)	CURVE	PERCENT	DECEMBER 31, 2014	RESERVE	ACCRUALS	AMOUNT	RATE	LIFE
		ì	Ē.	È	(c)	(e)	ε	€	(3)=(8)/(2)	(10)=(7)/(8)
344.00	GENERATORS									
	GREENWOOD UNIT 1	2035	50-R2.5	(9) •	2,748,805.82	1,726,852	1,186,882	61,084	2.22	19.4
	GREENWOOD UNIT 3	2035	50-R2 5	ê (	7,095,885.96	1,499,022	722,617	37,671	1.80	19.2
	GREENWOOD UNIT 4	2035	50-R2.5	(e) •	1,013,223.03	950,434	782,55	48,323	2.66	19.6
	GREENWOOD COMMON	2035	50-R2.5	(9)	70.603.95	7 795	66 339	3314	2.43	0.00 0.00
	NEVADA PLANT	2035	50-R2.5	(22)	618,488.11	568,942	185.613	9,865	. t.	20.0 18.8
	SOUTH HARPER UNIT 1	2050	50-R2.5	6	5,750,000.01	2,090,517	4,061,983	128,788	2.24	3.55
	SOUTH HARPER JUIT 3	2050	50-R2.5	6	5,750,000.15	2,090,517	4,061,983	128,788	2.24	31.5
	SOUTH HARPER COMMON	2020	50-R2.5	S:	5,750,000.27	2,090,517	4,061,983	128,788	2.24	31.5
	CROSSROADS UNIT 1	2030	50-R2.3	£ (e)	115,810.62	5,329	117,430	3,529	3.05	33.3
	CROSSROADS UNIT 2	2048	50-R2.5	() (e) (e)	4,088,784.18	1,909,442	2,506,445	84,997	2.08	29.5
	CROSSROADS UNIT 3	2048	50-R2 5	e) e	4,049,090.71	1,900,479	2,465,403	83,703	2.07	29.5
	CROSSROADS UNIT 4	2048	50-R2.5	() (e) •	4 050 030 55	1,906,479	2,465,403	83,703	2.07	29.5
	CROSSROADS COMMON	2048	50-R2.5	(9)	127.014.67	8 752	125 874	3.985	2.07	29.5
	LAKE ROAD UNIT 5	2035	50-R2.5	(15)	2,713,780,97	2.902.240	218 608	11.048	† <b>*</b>	20.0
	LAKE ROAD UNIT 6	2035	50-R2.5	(18)	453,408.53	418.499	116.523	6.212	1 27	0.00
	LAKE KOAD UNIT 7	2035	50-R2.5	(18)	117,499.82	119.222	19 428	1,078	. O	0.0
	KALPH GREEN PLANT	2035	50-R2.5	(9)	6,618,989.23	5,323,186	1,692,943	90 108	136	0.00
	CANDITIES GAS LORBINE	2042	50-R2.5	E	2,574,774.71	336,272	2,264,250	85,930	3.34	26.3
	TOTAL GENERATORS									
					55,210,802.34	28,748,200	30,536,632	1,124,799	2.04	27.2
345.00	ACCESSORY ELECTRIC EQUIPMENT									
	GREENWOOD UNIT 1	2035	50-R2.5	. (4)	2,018,177.24	908,971	1,189,933	61 781	808	4 01
		2035	50-R2.5	(4)	728,845.95	319,968	438,032	22,692	3.11	, <u>p</u>
	GREENWOOD UNIT A	2035	50-R2.5	<b>4</b>	1,638,644.52	693,577	1,010,613	52,166	3.18	19.4
	GREENWOOD COMMON	2035	50-R2.5	<b>(</b> 9)	412,891.85	173,911	255,497	13,195	3.20	19,4
	NEVADA PLANT	2035	50-K2.5	æ ( <del>§</del>	2,062,489.17	628,002	1,516,987	77,176	3.74	19.7
	SOUTH HARPER UNIT 1	2050	50-R2.3	(6F)	480,422.98	309,218	262,485	14,245	2.97	18.4
	SOUTH HARPER UNIT 2	2050	50-R2.5	£ €	4,419,100.00	1,046,249	3,549,687	112,485	2.55	31.6
	SOUTH HARPER UNIT 3	2050	50-R2.5	E	4 4 19 169 11	1,046,249	3,549,000	112,465	2.55	31.6
	SOUTH HARPER COMMON	2050	50-R2.5	€	3,959,534,99	942.290	3 175 626	100,483	2.53	31.6
	CROSSROADS UNIT 1	2048	50-R2.5	(2)	5,048,036.26	1,442,076	3,858,362	129,949	2.57	2.00
	CROSSROADS UNIT 2	2048	50-R2.5	(2)	2,881,206.31	814,447	2,210,820	74,396	2.58	7.62
	CROSSROADS LINIT A	2048	50-R2.5	(2)	4,715,453.41	1,391,387	3,559,839	120,269	2.55	29.6
	CROSSROADS COMMON	2048 2048	50-K2.5	ê (	2,538,119.51	714,803	1,950,222	65,584	2.58	29.7
	LAKE ROAD UNIT 5	2035	50-72.3	(2)	181,395.74	24,026	166,440	5,348	2.95	31.1
	LAKE ROAD UNIT 6	203	50-75	(21)	621,796.82	3/6,249	320,163	18,478	2.97	17.3
	LAKE ROAD UNIT 7	2035	50-R2.5		250.492.27	262,015	201,114	11,503	2.75	181
	LAKE ROAD COMMON	2035	50-R2 5	(20)	23,131,00	+ C.00	124,700	0,096	2.73	18.1
	RALPH GREEN PLANT	2035	50-R2.5	୍ତି •	1,457.279.70	828.035	707	78 R64	4.08 7.67	19.7
	LANDFILL GAS TURBINE	2042	50-R2.5		41,622.35	3,630	37,992	1.442	3.46	26.3
	Figure of Cidence in Viceoscopic (ATCT								!	
	CIAL ACCESSION : ELECTRIC EQUITMENT				42,714,922.02	13,160,606	31,638,636	1,152,210	2.70	27.5

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND SJLP JURISDICTION

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014

COMPOSITE REMAINING LIFE	19.6 19.6 19.6 20.7 19.6 19.6	22.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- 10. - 4	50.2 43.1 37.6 33.7 33.7 33.7 35.1 35.1 95.1 9.8	19.6	. 25.9 24.6 35.5
TED CRUAL RATE (9)=(8)(5)	4.81 5.75 3.58 3.88 5.33 5.01	3.95	1.37 1.73 1.73 2.90 2.60 2.60 2.60	0.40 7.	1.67 1.82 1.82 3.27 3.67 3.39 2.31 2.80 1.74	2.80	1.54 3.53 2.98
CALCULATED ANNUAL ACCRUAL AMOUNT (R)	2,050 2,050 623 9,292 3,836 417	17,775	121,139 2,843,020 5,427 2,516 3,115,737 1,871,222 1,871,222	7 959 858	204.633 3,437,986 9,145,375 5,075.068 2,578.831 5,121.829 5,095,282 782,549 1,916,951 469,090	1,091,629.00	0.00 309,097 1,425,447 36,184,677
FUTURE ACCRUALS	40,207 40,207 12,210 228,564 79,362 79,362 22,955	391,475	6,807,098 130,637,325 123,199 71,994 143,779,156 83,495,560	364.931.228	10,281,409 148,009,315 218,416,570 218,4242 93,273,117 172,534,471 159,471,331 27,440,085 46,488,380 15,275,172 6,104,215	21,379,387.00 0 (1,105,655)	(1,105,655.00) 8,004,919 35,000,718 1,282,840,539
BOOK RESERVE	3,733 1,234 33,453 20,387 8,716	68,349	2,476,916 41,661,284 2,348 316,373 39,076,419 31,831,597 6,604	115.450.731	3, 187, 231 59,444,521 111,861,010 45,053,502 12,146,750 105,332,868 106,332,868 118,403,648 38,997,338 13,101,229 6,455,756	19,554,985.00 12,943 3,130,826	3,143,769.00 15,065,851 13,519,289 492,244,695
ORIGINAL COST AS OF DECEMBER 31, 2014 (5)	42,660.54 10.841.98 259,422.42 98,761.23 7,888.33 31,050.12	450,564.92	8 841,917 86 164,093,894,26 125,546,75 223,639,04 107,562,102,88 72,079,473,37 16,147,87 86,552,49	353,129,284.52	12,244,218.39 186,594,386.64 227,5,789,76 154,979,820.02 70,279,911.19 151,082,004.38 220,669,999,40 20,374,991.68 68,388,574,32 27,025,144.02	38,985,116.72 12,943.27 2,025,171.42	2,038,114,69 20,061,539,13 40,433,339,19 1,215,887,815,49
NET SALVAGE PERCENT (4)	(2) (2) (3) (3) (3) (4) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7		(5) (5) (70) (60) (60)	ı	(10) (10) (10) (10) (10) (20) (20) (20) (3) (3) (3)	٥٥	(20)
SURVIVOR CURVE (3)	32-S2.5 32-S2.5 32-S2.5 32-S2.5 32-S2.5 32-S2.5		70-R3 58-R2 25-S2.5 60-R3 60-R2 65-R3 45-S2 50-S4		66-R3 54-R2 54-R2 54-R15 49-R3 47-R2 5 47-R2 6 60-R4 60-R4 61-R2 51-R2	20-52.5 20-52.5	33-R1 32-L0.5
PROBABLE RETIREMENT DATE (2)	2035 2035 2050 2048 2035 2035				2024	2024	
ACCOUNT (1)	346.00 MISCELLANEOUS POWER PLANT EQUIPMENT GREENWOOD COMMON NEVADA PLANT SOUTH HARPER COMMON CROSSROADS COMMON LAKE ROAD COMMON RALPH GREEN PLANT	TOTAL MISCELLANEOUS POWER PLANT EQUIPMENT TOTAL OTHER PRODUCTION PLANT	182.00 STRUCTURES AND IMPROVEMENTS 383.00 STATION EQUIPMENT 383.01 STATION EQUIPMENT 384.00 TOWERS AND FIXTURES 385.00 OVERHAD COMBUCTORS AND DEVICES 387.00 UNDERGROUND CONDUCTORS AND DEVICES 387.00 UNDERGROUND CONDUCTOR AND DEVICES 388.00 UNDERGROUND CONDUCTOR AND DEVICES	TOTAL TRANSMISSION PLANT	DISTRIBUTION PLANT 381.00 STRUCTURES AND IMPROVEMENTS 382.00 STATUD REQUIREMENT 382.00 OVERHEAD CONDUCTORS AND DEVICES 385.00 OVERHEAD CONDUCTORS AND DEVICES 385.00 UNDERGROUND CONDUT 387.00 UNDERGROUND CONDUT 387.00 UNDERGROUND CONDUT 388.00 LINE TRANSFORMERS 388.00 LINE TRANSFORMERS 388.00 SERVICES - OVERHEAD 370.00 METERS TO REMICES - TO REMAIN TO BE RETIRED	TOTAL METERS 370.01 METERS - LOAD RESEARCH METERS TO REMAIN TO BE RETIRED	TOTAL METERS - LOAD RESEARCH METERS 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES 373.00 STREET LIGHTING AND SIGNAL SYSTEMS TOTAL DISTRIBUTION PLANT
	×		33 33 33 33 33 33 33 33 33 33 33 33 33		3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	37.	37.



TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014

	COMPOSITE REMAINING	(10)=(7)/(8)		<del>1</del> του 1 του 1 το 1 το 1 το 1 του 1 το 1 το 1 το 1 το 1 το 1 το 1 το 1 το	13.7	13.8 45.3 11.4 27.1	23.7	17.8	26,5	8.5 3.7 4.4	3.1	9.0 10.9 6.7 3.1	α	16.1 12.2 17.1 14.7 20.0	12.0 14.0	29.2
	ED RUAL DATE	(9)=(8)/(5)		8. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	11.78	4,66 1.14 6,46 0.06	2.00	3.39	3.70	:::	9.51	5.07 4.36 7.36 14.21	بر 14	338	4.80	3.04
	CALCULATED ANNUAL ACCRUAL	(8)		2,709	3,735	7,112 19,084 24,670 57 6,872	57,775	142,523	1,637,679	373,321 892,273 852,404	2,117,998	0 183,060 805,694 14,987 319,457	1 323 198	2,892 219,194 131,802 251,867 1,455,084	7,150,227	100,943,913
	FUTURE	(7)		36,068 1,049,556	1,164,425	98.271 863.471 281,036 1,547 121,943	1,366,268	2,530,693	43,346,501	2,449,664 3,103,323 983,397	6,536,384	(138,418) 1,642,539 8,751,871 100,542 (78,237) 991,091	11.269.388	50,235 2,742,762 2,279,173 3,707,573 30,326,496	100,395,613	2,947,595,550
K 31, 2014	BOOK	(9)		(2,300) 237,452 (28,675)	206,177	69,663 1,217,939 327,346 109,379 310,801	2,035,128	2,241,305	7,507,348	5,016,755 4,034,862 6,689,004	15,740,621	246.970 1,426,119 6,947.352 72,677 1,126,674	10,739,593	22,065 2,737,084 1,678,858 2,637,216 9,000,101	50,178,619	1,235,305,412
OLA I LE ANNOAL DEPRECIA ION ACCROALS AS OF DECEMBER 31, 2014	ORIGINAL COST AS OF DECEMBER 31, 2014	(2)		32,160.02 1,237,507,48 48,848,66	1,318,516.06	152,666,83 1,665,128.30 553,074,72 100,842.16 412,137255	2,883,849.26	4,202,365.32	44,220,738.32	7,466,419,33 7,138,184,84 7,672,401,47	22,277,005.64	127,708.82 3,610,185.86 18,469,673.69 203,786.88 1,233,452.23 2,248,111.65	25,892,919.13	72,299.56 5,479,846.25 3,958,031.26 7,452,692.79 39,255,597.14	148,942,953.68	3,324,119,534.67
JEPRECIA I ION A	NET SALVAGE PERCENT	(4)		@ <b>.</b> £ 6	ì	(10) (25) (10) (10) (5)	,		(15)	000		£ £ £ £ £ £ .		00050	,	
A LED ANNOAL L	SURVIVOR CURVE	(3)		80-R1.5 * 45-S0 * 50-R2 *		35-S4 65-R1.5 30-S1.5 55-S2.5 30-S0.5			40-R1.5	20-5Q 8-SQ 9-SQ		8-S2.5 10-S2.5 13-L3 15-R4 19-S0 9-L3		25-50 25-50 30-50 19-51.5 27-50		
	PROBABLE RETIREMENT DATE	(2)		2030 2030 2030												
	ACCOUNT	ε	INDUSTRIAL STEAM	STEAM PRODUCTION 311.09 STRUCTURES AND IMPROVEMENTS 312.09 BOILER PLANT EQUIPMENT 315.09 ACCESSORY ELECTRIC EQUIPMENT	TOTAL STEAM PRODUCTION	GAS DISTRIBUTION PLANT 375.09 STRUCTURES AND IMPROVEMENTS 376.09 MAINS 379.09 CITY GATE STATION 380.09 SERVICES 381.09 METERS	TOTAL GAS DISTRIBUTION PLANT	TOTAL INDUSTRIAL STEAM	GENERAL PLANT 390.00 STRUCTURES AND IMPROVEMENTS	OFFICE FURNITURE AND EQUIPMENT 391.01 OFFICE FURNITURE AND EQUIPMENT 391.02 COMPUTERS 391.04 SOFTWARE	TOTAL OFFICE FURNITURE AND EQUIPMENT	392.00 AUTOS 392.01 LIGHT TRUCKS 392.02 HEAVY TRUCKS 392.03 TRACTORS 392.04 TRALERS 392.04 MEDIUM TRUCKS	TOTAL TRANSPORTATION EQUIPMENT	393.00 STORES EQUIPMENT 394.00 TOOLS, SHOP AND GARAGE EQUIPMENT 395.00 LABORATORY EQUIPMENT 396.00 POWREN OPERATED EQUIPMENT 397.00 COMMUNICATION EQUIPMENT 398.00 MISCELLANEOUS EQUIPMENT	TOTAL GENERAL PLANT	TOTAL DEPRECIABLE PLANT
				e2 62 63		12 62 63 63 63			(*)	ल ल ल		wwwmmm				

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE

		AND CALCUL	ATED ANNUAL D	EPRECIATION A	AND CALCULATED ANNUAL DEPRECIATION ACCRUALS AS OF DECEMBER 31, 2014	ER 31, 2014				
	ACCOUNT	_	SURVIVOR	SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2014	BOOK	FUTURE	CALCULATED ANNUAL ACCRUAL	CRUAL	COMPOSITE
	Ξ	ĺ	(5)	(4)	(5)	(9)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
••••	NONDEPRECIABLE PLANT AND ACCOUNTS NOT STUDIED									
310.00					1 041 989 40					
310.09					24. CAS. 14.					
311.01					11 411 16					
340.00					2 110 500 01					
350.00					10.500.00 c					
350.01					4 077 650 45					
350.04					04.000,210,3					
360.00					CU218,118,21					
360.01	LAND RIGHTS				2,019,419,02					
360.02	LANDLEASED				CE 807 CF					
389.00					4 602 760 05					
389.01	LAND RIGHTS				CB. FOC., SEO.,					
	TOTAL NONDEPRECIABLE PLANT AND ACCOUNTS NOT STUDIED				28,280,172.17					
	TOTAL ELECTRIC PLANT				3,352,399,705.84	1,235,305,412	2,947,595,550	100,943,913		

Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retirement year.
 Annual Accrual calculated using the accrual rate consistent with amortization period. The rate for the account is:

Rate	5.00%	12.50%	11.11%	4.00%	4.00%	3,33%	3,70%	74 (10)
Account	391.01	391.02	391.04	393.00	394.00	395.00	397,00	208 00

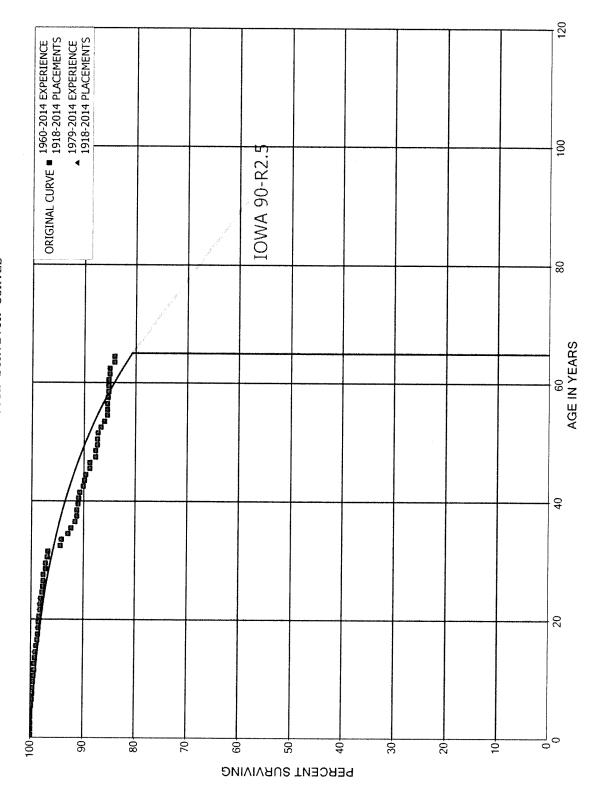
NOTE: Depreciation rates for new Solar Generation Assets placed into service at year end December 31, 2016 are as follows:

Rate 5.26%	5.52%	5.38%	5.19%
Account 341.00	344.00	345.00	346.00

# **PART VII. SERVICE LIFE STATISTICS**

**ELECTRIC PLANT** 

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 311 STRUCTURES AND IMPROVEMENTS ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

### ORIGINAL LIFE TABLE

PLACEMENT	BAND 1918-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	192,689,403		0.0000	1.0000	100.00
0.5	220,694,310	21,393	0.0001	0.9999	100.00
1.5	185,044,938	87,805	0.0005	0.9995	99.99
2.5	147,177,990		0.0000	1.0000	99.94
3.5	139,473,374	51,747	0.0004	0.9996	99.94
4.5	96,060,537	43,764	0.0005	0.9995	99.91
5.5	80,380,628	97,081	0.0012	0.9988	99.86
6.5	79,338,732	104,164	0.0013	0.9987	99.74
7.5	76,238,759	19,918	0.0003	0.9997	99.61
8.5	76,987,541	72,625	0.0009	0.9991	99.58
9.5	73,456,646	104,790	0.0014	0.9986	99.49
10.5	72,766,146	49,448	0.0007	0.9993	99.35
11.5	74,254,112	36,230	0.0005	0.9995	99.28
12.5	73,637,884	40,638	0.0006	0.9994	99.23
13.5	73,022,421	84,707	0.0012	0.9988	99.18
14.5	67,606,157	85,977	0.0013	0.9987	99.06
15.5	67,124,469	140,869	0.0021	0.9979	98.94
16.5	63,745,953	78,028	0.0012	0.9988	98.73
17.5	61,641,982	38,206	0.0006	0.9994	98.61
18.5	60,315,243	27,514	0.0005	0.9995	98.55
19.5	57,948,145	61,649	0.0011	0.9989	98.50
20.5	56,847,026	102,579	0.0018	0.9982	98.40
21.5	46,667,487	8,125	0.0002	0.9998	98.22
22.5	45,253,132	49,438	0.0011	0.9989	98.20
23.5	45,012,220	129,119	0.0029	0.9971	98.09
24.5	42,971,865	38,563	0.0009	0.9991	97.81
25.5	40,042,766	42,990	0.0011	0.9989	97.72
26.5	39,552,694	14,762	0.0004	0.9996	97.62
27.5	38,646,765	159,879	0.0041	0.9959	97.58
28.5	36,486,823	14,227	0.0004	0.9996	97.18
29.5	36,069,167	120,898	0.0034	0.9966	97.14
30.5	35,868,607	51,807	0.0014	0.9986	96.82
31.5	30,548,124	730,704	0.0239	0.9761	96.68
32.5	29,459,997	44,353	0.0015	0.9985	94.36
33.5	28,926,225	382,071	0.0132	0.9868	94.22
34.5	21,113,694	125,510	0.0059	0.9941	92.98
35.5	20,714,245	184,090	0.0089	0.9911	92.42
36.5	14,804,840	50,482	0.0034	0.9966	91.60
37.5	14,706,681	471	0.0000	1.0000	91.29
38.5	14,641,262	35,625	0.0024	0.9976	91.29

### ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

### ORIGINAL LIFE TABLE, CONT.

### PLACEMENT BAND 1918-2014 EXPERIENCE BAND 1960-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL INTERVAL RATIO RATIO 39.5 14,368,719 21,060 0.0015 0.9985 91.07 40.5 14,341,072 35,154 0.0025 0.9975 90.93 41.5 14,212,169 97,387 0.0069 0.9931 90.71 42.5 14,098,998 44,827 0.0032 0.9968 90.09 43.5 14,046,044 25,882 0.0018 0.9982 89.80 44.5 13,811,228 119,542 0.0087 0.9913 89.64 45.5 5,653,875 4,884 0.0009 0.9991 88.86 46.5 5,645,498 67,243 0.0119 0.9881 88.78 47.5 4,287,826 2,165 0.0005 0.9995 87.73 48.5 4,289,492 12,909 0.0030 0.9970 87.68 49.5 4,260,620 0.9999 87.42 392 0.0001 6,920 50.5 4,111,143 0.0017 0.9983 87.41 51.5 4,055,521 25,284 0.0062 0.9938 87.26 52.5 3,194,071 23,570 0.0074 0.9926 86.72 53.5 3,170,501 21,651 0.0068 0.9932 86.08 54.5 1,300,540 0.0000 1.0000 85.49 55.5 1,300,240 0.0000 1.0000 85.49 1,275 56.5 745,670 0.0017 0.9983 85.49 57.5 696,495 693 0.0010 0.9990 85.34 58.5 695,802 0.0000 1,0000 85.26 59.5 695,802 0.0000 1.0000 85.26 60.5 695,802 1,634 0.0023 0.9977 85.26 61.5 688,047 0.0000 1.0000 85.06 62.5 6,826 687,610 0.0099 0.9901 85.06 672,127 0.0000 63.5 1.0000 84.21 64.5 1,897 0.6115 0.3885 1,160 84.21 65.5 737 0.0000 1.0000 32.72 66.5 737 0.0000 1.0000 32.72 67.5 737 737 1.0000 32.72

68.5

### ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

### ORIGINAL LIFE TABLE

PLACEMENT	BAND 1918-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	172,055,004		0.0000	1.0000	100.00
0.5	206,077,696	21,393	0.0001	0.9999	100.00
1.5	169,857,101	85,657	0.0001	0.9995	100.00 99.99
2.5	132,006,078	03,037	0.0000	1.0000	99.94
3.5	124,525,138	44,484	0.0004	0.9996	99.94
4.5	81,138,827	43,594	0.0004	0.9995	99.90
5.5	65,577,341	93,870	0.0003	0.9986	99.85
6.5	64,570,101	12,044	0.0014	0.9998	99.71
7.5	61,561,676	19,637	0.0002	0.9997	99.69
8.5	62,555,862	72,625	0.0003	0.9988	99.66
		72,023	0.0012	0.5500	99.00
9.5	67,181,589	104,790	0.0016	0.9984	99.54
10.5	66,493,545	49,448	0.0007	0.9993	99.39
11.5	69,360,058	36,230	0.0005	0.9995	99.31
12.5	68,750,336	29,022	0.0004	0.9996	99.26
13.5	68,169,715	57,436	0.0008	0.9992	99.22
14.5	62,828,509	85,977	0.0014	0.9986	99.13
15.5	62,359,941	140,869	0.0023	0.9977	99.00
16.5	60,025,341	77,857	0.0013	0.9987	98.77
17.5	58,044,195	38,206	0.0007	0.9993	98.65
18.5	58,853,522	27,514	0.0005	0.9995	98.58
19.5	56,489,340	61,649	0.0011	0.9989	98.54
20.5	55,978,134	102,579	0.0018	0.9982	98.43
21.5	45,856,185	8,125	0.0002	0.9998	98.25
22.5	44,441,830	49,438	0.0011	0.9989	98.23
23.5	44,201,229	129,119	0.0029	0.9971	98.12
24.5	42,160,840	38,563	0.0009	0.9991	97.83
25.5	39,235,932	42,990	0.0011	0.9989	97.75
26.5	38,746,432	14,762	0.0004	0.9996	97.64
27.5	37,840,348	159,879	0.0042	0.9958	97.60
28.5	36,485,672	14,227	0.0004	0.9996	97.19
29.5	36,068,016	120,898	0.0034	0.9966	97.15
30.5	35,867,456	51,807	0.0014	0.9986	96.82
31.5	30,546,973	730,704	0.0239	0.9761	96.69
32.5	29,458,846	44,353	0.0015	0.9985	94.37
33.5	28,925,074	382,071	0.0132	0.9868	94.23
34.5	21,112,543	125,510	0.0059	0.9941	92.99
35.5	20,713,094	184,090	0.0089	0.9911	92.43
36.5	14,803,689	50,482	0.0034	0.9966	91.61
37.5	14,705,530	471	0.0000	1.0000	91.30
38.5	14,638,951	35,625	0.0024	0.9976	91.30

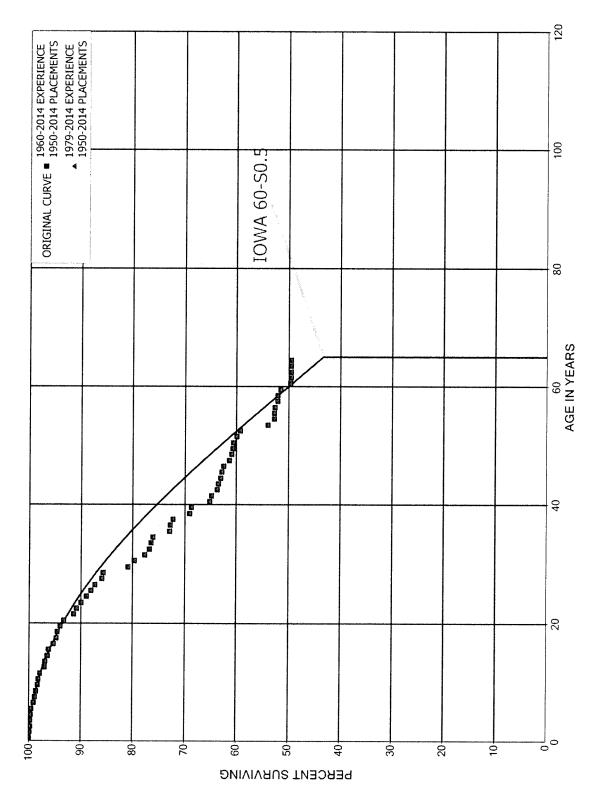
### ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

		EXPERIENCE	BAND 1979-2014
AGE AT EXPOSURES AT RETI	REMENTS		PCT SURV
BEGIN OF BEGINNING OF DURI	NG AGE RE	TMT SUF	V BEGIN OF
INTERVAL AGE INTERVAL INT	ERVAL RA	TIO RAT	IO INTERVAL
39.5 14,366,408	21,060 0.0	015 0.998	91.07
40.5 14,339,716	35,154 0.0	025 0.997	75 90.94
41.5 14,210,076	97,387 0.0	069 0.993	90.72
42.5 14,096,905	44,827 0.0	032 0.996	90.10
43.5 14,043,992	25,882 0.0	018 0.998	89.81
44.5 13,809,176	119,542 0.0	087 0.991	.3 89.64
45.5 5,651,823	4,884 0.0	009 0.999	88.87
46.5 5,643,601	67,243 0.0	119 0.988	88.79
47.5 4,285,929	2,165 0.0	005 0.999	95 87.73
48.5 4,287,595	12,909 0.0	030 0.997	70 87.69
49.5 4,258,723	392 0.0	001 0.999	99 87.42
50.5 4,109,246	6,920 0.0	017 0.998	87.42
51.5 4,053,624	25,284 0.0	062 0.993	88 87.27
52.5 3,192,174	23,570 0.0	074 0.992	86.72
53.5 3,168,604	21,651 0.0	068 0.993	86.08
54.5 1,298,643	0.0	000 1.000	00 85.50
55.5 1,298,343	0.0	000 1.000	00 85.50
56.5 743,773	1,275 0.0	017 0.998	85.50
57.5 695,758	693 0.0	010 0.999	85.35
58.5 695,065	0.0	000 1.000	85.26
59.5 695,065	0.0	000 1.000	85.26
60.5 695,802	1,634 0.0	023 0.997	7 85.26
61.5 688,047	0.0	000 1.000	85.06
62.5 687,610	6,826 0.0	099 0.990	85.06
63.5 672,127	0.0	000 1.000	0 84.22
64.5 1,897	1,160 0.6	115 0.388	84.22
65.5 737	0.0	000 1.000	32.72
66.5 737	0.0	000 1.000	32.72
67.5 737	737 1.0	000	32.72

68.5

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 312 BOILER PLANT EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 312 BOILER PLANT EQUIPMENT

### ORIGINAL LIFE TABLE

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	1,004,991,998 993,261,037 985,966,508 727,622,905 710,951,082 481,925,539	482,384 892,622 1,227,208 372,412 678,242 480,838	0.0005 0.0009 0.0012 0.0005 0.0010	0.9995 0.9991 0.9988 0.9995 0.9990	100.00 99.95 99.86 99.74 99.69 99.59
5.5	371,582,825	1,402,756	0.0038	0.9962	99.49
6.5	336,875,739	1,023,418	0.0030	0.9970	99.12
7.5	347,394,064	833,489	0.0024	0.9976	98.82
8.5	326,509,822	802,370	0.0025	0.9975	98.58
9.5	317,152,736	671,725	0.0021	0.9979	98.34
10.5	303,525,482	906,824	0.0030	0.9970	98.13
11.5	300,255,068	2,676,010	0.0089	0.9911	97.83
12.5	288,188,672	460,959	0.0016	0.9984	96.96
13.5	277,162,825	1,321,937	0.0048	0.9952	96.81
14.5	268,418,192	566,587	0.0021	0.9979	96.35
15.5	262,868,142	2,357,888	0.0090	0.9910	96.14
16.5	258,796,702	1,649,022	0.0064	0.9936	95.28
17.5	253,469,982	525,748	0.0021	0.9979	94.67
18.5	249,459,942	1,531,556	0.0061	0.9939	94.48
19.5 20.5 21.5 22.5 23.5 24.5 25.5	239,220,900 235,264,022 200,100,504 188,432,955 186,004,354 150,470,616 148,294,170	1,598,138 4,728,037 1,340,165 1,712,531 1,994,501 1,533,222 1,308,236	0.0067 0.0201 0.0067 0.0091 0.0107 0.0102 0.0088	0.9933 0.9799 0.9933 0.9909 0.9893 0.9898	93.90 93.27 91.40 90.78 89.96 88.99 88.09
26.5	146,204,813	2,268,148	0.0155	0.9845	87.31
27.5	143,542,567	446,433	0.0031	0.9969	85.95
28.5	140,294,187	7,838,553	0.0559	0.9441	85.69
29.5	131,748,823	1,940,751	0.0147	0.9853	80.90
30.5	129,528,414	3,253,788 1,113,130 551,832 456,607 2,555,704 98,580 323,814 1,760,353 174,140	0.0251	0.9749	79.71
31.5	105,448,625		0.0106	0.9894	77.71
32.5	104,020,196		0.0053	0.9947	76.89
33.5	102,655,646		0.0044	0.9956	76.48
34.5	60,542,941		0.0422	0.9578	76.14
35.5	56,343,640		0.0017	0.9983	72.92
36.5	45,357,566		0.0071	0.9929	72.80
37.5	39,558,957		0.0445	0.9555	72.28
38.5	34,658,503		0.0050	0.9950	69.06

### ACCOUNT 312 BOILER PLANT EQUIPMENT

### ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	32,277,464 30,533,564 30,070,688 29,430,254 29,189,824 28,543,718 10,666,247	1,673,811 169,196 508,856 92,829 176,309 115,323 56,220	0.0519 0.0055 0.0169 0.0032 0.0060 0.0040 0.0053	0.9481 0.9945 0.9831 0.9968 0.9940 0.9960 0.9947	68.71 65.15 64.79 63.69 63.49 63.11 62.85
46.5 47.5 48.5	10,610,027 10,309,369 7,637,620	188,183 73,106 36,191	0.0177 0.0071 0.0047	0.9823 0.9929 0.9953	62.52 61.41 60.98
49.5 50.5 51.5 52.5 53.5	7,588,095 7,564,164 7,530,897 5,334,492 4,848,842	13,810 71,934 87,675 482,600 108,176	0.0018 0.0095 0.0116 0.0905 0.0223	0.9982 0.9905 0.9884 0.9095 0.9777	60.69 60.58 60.00 59.30 53.94
54.5 55.5 56.5 57.5 58.5	2,823,481 2,822,578 2,792,264 1,269,843 1,269,843	902 5,148 27,324 15,278	0.0003 0.0018 0.0098 0.0000 0.0120	0.9997 0.9982 0.9902 1.0000 0.9880	52.74 52.72 52.62 52.11 52.11
59.5 60.5 61.5 62.5 63.5 64.5	1,253,419 1,206,912 1,199,551 1,199,551 1,130,194	46,018 1,743	0.0367 0.0014 0.0000 0.0000 0.0000	0.9633 0.9986 1.0000 1.0000	51.48 49.59 49.52 49.52 49.52 49.52

### ACCOUNT 312 BOILER PLANT EQUIPMENT

### ORIGINAL LIFE TABLE

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	932,286,541 937,253,073 935,405,349 680,003,221 663,802,435 435,054,137 327,336,870	482,384 892,622 1,225,254 361,647 640,263 449,993 1,400,119	0.0005 0.0010 0.0013 0.0005 0.0010 0.0010	0.9995 0.9990 0.9987 0.9995 0.9990 0.9990	100.00 99.95 99.85 99.72 99.67 99.57
6.5 7.5 8.5	293,169,915 304,566,995 284,307,157	999,023 755,714 619,509	0.0034 0.0025 0.0022	0.9966 0.9975 0.9978	99.04 98.71 98.46
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	302,470,237 288,936,758 285,924,823 277,073,423 266,210,653 257,711,425 252,209,199 251,779,634 246,507,677 245,743,124 235,508,603 231,561,000 198,332,587	671,725 906,824 2,460,579 450,227 1,111,143 532,874 2,352,320 1,602,122 522,576 1,531,556 1,598,138 4,728,037 1,340,165	0.0022 0.0031 0.0086 0.0016 0.0042 0.0021 0.0093 0.0064 0.0021 0.0062 0.0068 0.0204 0.0068	0.9978 0.9969 0.9914 0.9984 0.9958 0.9979 0.9907 0.9936 0.9979 0.9938	98.25 98.03 97.72 96.88 96.72 96.32 96.12 95.22 94.62 94.42 93.83 93.19 91.29
22.5 23.5 24.5 25.5 26.5 27.5 28.5	186,677,526 184,253,748 148,724,501 146,585,913 144,499,539 141,923,457 140,294,187	1,712,531 1,994,501 1,533,222 1,308,236 2,268,148 446,433 7,838,553	0.0092 0.0108 0.0103 0.0089 0.0157 0.0031 0.0559	0.9908 0.9892 0.9897 0.9911 0.9843 0.9969	90.67 89.84 88.87 87.95 87.17 85.80 85.53
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	131,748,823 129,528,414 105,448,625 104,020,196 102,655,646 60,542,941 56,343,640 45,357,566 39,558,957 34,658,503	1,940,751 3,253,788 1,113,130 551,832 456,607 2,555,704 98,580 323,814 1,760,353 174,140	0.0147 0.0251 0.0106 0.0053 0.0044 0.0422 0.0017 0.0071 0.0445 0.0050	0.9853 0.9749 0.9894 0.9947 0.9956 0.9578 0.9983 0.9929 0.9555	80.75 79.56 77.56 76.74 76.34 76.00 72.79 72.66 72.14 68.93

### ACCOUNT 312 BOILER PLANT EQUIPMENT

### ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	) 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5 50.5 51.5 52.5 53.5 54.5	32,277,464 30,533,564 30,070,688 29,430,254 29,189,824 28,543,718 10,666,247 10,610,027 10,309,369 7,637,620 7,588,095 7,564,164 7,530,897 5,334,492 4,848,842 2,823,481 2,822,578 2,792,264 1,269,843	1,673,811 169,196 508,856 92,829 176,309 115,323 56,220 188,183 73,106 36,191 13,810 71,934 87,675 482,600 108,176 902 5,148 27,324	0.0519 0.0055 0.0169 0.0032 0.0060 0.0040 0.0053 0.0177 0.0071 0.0047 0.0018 0.0095 0.0116 0.0905 0.0223 0.0003 0.0018 0.0098	0.9481 0.9945 0.9831 0.9968 0.9940 0.9960 0.9947 0.9823 0.9929 0.9953 0.9953 0.9982 0.9905 0.9884 0.9095 0.9777 0.9997 0.9997 0.9997 0.9982 0.9902 1.0000 0.9880	68.59 65.03 64.67 63.57 63.37 62.99 62.74 62.41 61.30 60.86 60.58 60.47 59.89 59.19 53.84 52.64 52.62 52.52 52.01
58.5 59.5 60.5 61.5 62.5 63.5 64.5	1,269,843 1,253,419 1,206,912 1,199,551 1,199,551	15,278 46,018 1,743	0.0120 0.0367 0.0014 0.0000 0.0000	0.9633 0.9986 1.0000 1.0000	51.38 49.50 49.43 49.43 49.43

ACCOUNT 312.02 BOILER PLANT EQUIPMENT - POLLUTION CONTROL EQUIPMENT KCP&L - GREATER MISSOURI OPERATIONS ORIGINAL AND SMOOTH SURVIVOR CURVES ECORP, MPS AND L&P JURISDICTIONS

ORIGINAL CURVE **2006-2014** EXPERIENCE 1967-2014 PLACEMENTS IOWA 45-R3 AGE IN YEARS PERCENT SURVIVING

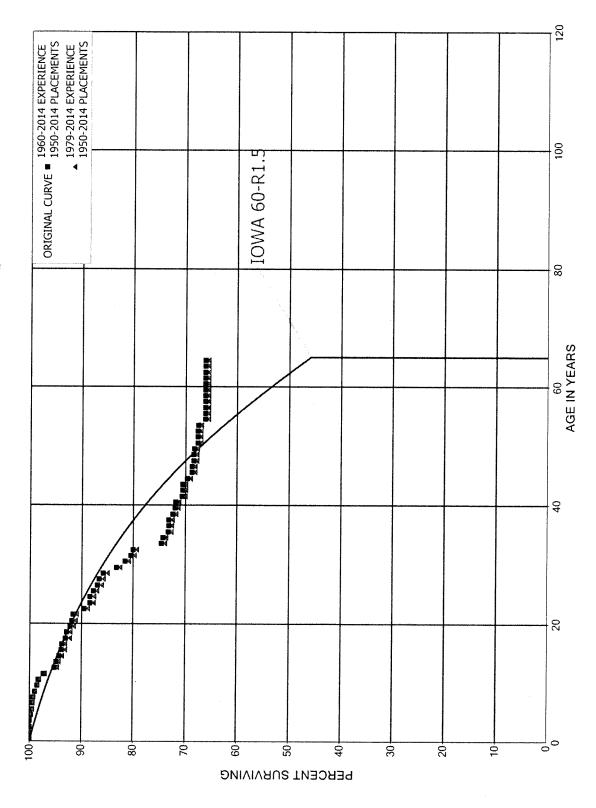
## ACCOUNT 312.02 BOILER PLANT EQUIPMENT - POLLUTION CONTROL EQUIPMENT

PLACEMENT	BAND 1967-2014		EXPE	RIENCE BAN	D 2006-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	166,212,878		0.0000	1.0000	100.00
0.5	160,560,420		0.0000	1.0000	100.00
1.5	160,606,380		0.0000	1.0000	100.00
2.5	154,082,590	537,047	0.0035	0.9965	100.00
3.5	150,172,211	536,102	0.0036	0.9964	99.65
4.5	148,953,285	50,157	0.0003	0.9997	99.30
5.5	29,322,983		0.0000	1.0000	99.26
6.5	4,132,732		0.0000	1.0000	99.26
7.5	4,243,521		0.0000	1.0000	99.26
8.5	4,067,475		0.0000	1.0000	99.26
9.5	3,816,098	86,549	0.0227	0.9773	99.26
10.5	5,233,752	57,302	0.0109	0.9891	97.01
11.5	5,129,153		0.0000	1.0000	95.95
12.5	5,325,250		0.0000	1.0000	95.95
13.5	9,341,916		0.0000	1.0000	95.95
14.5	8,854,931		0.0000	1.0000	95.95
15.5	8,465,827		0.0000	1.0000	95.95
16.5	6,961,624		0.0000	1.0000	95.95
17.5	6,961,624		0.0000	1.0000	95.95
18.5	4,554,399		0.0000	1.0000	95.95
19.5	14,731		0.0000	1.0000	95.95
20.5	12,716		0.0000	1.0000	95.95
21.5	12,716		0.0000	1.0000 .	95.95
22.5	12,716		0.0000	1.0000	95.95
23.5	12,716		0.0000	1.0000	95.95
24.5	5,737		0.0000	1.0000	95.95
25.5	5,737		0.0000	1.0000	95.95
26.5	5,737		0.0000	1.0000	95.95
27.5	5,737		0.0000	1.0000	95.95
28.5	5,737		0.0000	1.0000	95.95
29.5	5,737		0.0000	1.0000	95.95
30.5					95.95
31.5	1,409,338		0.0000		
32.5	1,528,368	1,051	0.0007		
33.5	1,527,317		0.0000		
34.5	1,527,317		0.0000		
35.5	1,527,317		0.0000		
36.5	1,527,317		0.0000		
37.5	119,030		0.0000		
38.5					

## ACCOUNT 312.02 BOILER PLANT EQUIPMENT - POLLUTION CONTROL EQUIPMENT

PLACEMENT	BAND 1967-2014		EXPER	IENCE BAN	D 2006-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	49,901 49,901 49,901 49,901 49,901		0.0000 0.0000 0.0000 0.0000		
46.5 47.5	49,901		0.0000		

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 314 TURBOGENERATOR UNITS ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	248,795,816 243,056,585 240,427,388 202,630,145 200,087,393 127,028,720 121,927,770 118,652,173	10,831 11,338 2,822 180,677 279,889 320,771 100,804 197,553	0.0000 0.0000 0.0000 0.0009 0.0014 0.0025 0.0008	1.0000 1.0000 1.0000 0.9991 0.9986 0.9975 0.9992	100.00 100.00 99.99 99.99 99.76 99.76 99.51
7.5 8.5	122,762,152 116,804,631	371,184 509,782	0.0030	0.9970	99.26 98.96
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5 20.5 21.5 22.5 23.5 24.5 25.5	115,060,580 108,666,639 105,857,593 101,233,618 84,269,071 79,305,158 78,653,020 77,800,664 75,450,329 74,350,089 71,547,275 70,123,288 69,607,299 66,094,329 65,774,853 49,475,354 49,045,375 48,716,879	252,982 1,139,755 2,264,845 330,728 490,039 429,201 53,569 623,507 104,607 549,369 286,161 166,985 1,575,109 815,663 62,040 329,103 445,629 185,102	0.0022 0.0105 0.0214 0.0033 0.0058 0.0054 0.0007 0.0080 0.0014 0.0074 0.0024 0.0024 0.0226 0.0123 0.0009 0.0067 0.0091 0.0038	0.9978 0.9895 0.9786 0.9967 0.9942 0.9946 0.9993 0.9920 0.9986 0.9926 0.9974 0.99774 0.9877 0.9991 0.9933 0.9909 0.9962	98.53 98.31 97.28 95.20 94.89 94.34 93.83 93.76 93.01 92.88 92.20 91.83 91.61 89.54 88.43 88.35 87.76 86.96
26.5 27.5 28.5	48,716,879 48,378,059 45,658,497	470,356 1,327,906	0.0038	0.9903	86.63 85.79
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	44,112,885 40,819,981 36,191,001 35,877,090 33,309,433 22,177,826 20,133,819 18,492,552 17,899,350 17,724,596	871,552 560,451 202,362 2,453,016 123,198 309,367 23,896 14,696 174,754 106,102	0.0198 0.0137 0.0056 0.0684 0.0037 0.0139 0.0012 0.0008 0.0098	0.9802 0.9863 0.9944 0.9316 0.9963 0.9861 0.9988 0.9992 0.9902	83.29 81.65 80.53 80.08 74.60 74.33 73.29 73.20 73.14 72.43

### ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT 1	BAND 1950-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	17,617,280	35,949	0.0020	0.9980	72.00
40.5	17,569,324	303,164	0.0173	0.9827	71.85
41.5	17,258,189	21,632	0.0013	0.9987	70.61
42.5	17,222,581	1,483	0.0001	0.9999	70.52
43.5	17,214,613	214,906	0.0125	0.9875	70.52
44.5	16,800,586	206,959	0.0123	0.9877	69.64
45.5	9,922,357	259	0.0000	1.0000	68.78
46.5	9,922,098	60,220	0.0061	0.9939	68.78
47.5	9,861,878	123	0.0000	1.0000	68.36
48.5	6,754,970	9,366	0.0014	0.9986	68.36
49.5	6,745,604	68,513	0.0102	0.9898	68.26
50.5	6,677,090	781	0.0001	0.9999	67.57
51.5	6,679,701		0.0000	1.0000	67.56
52.5	4,296,789	5,135	0.0012	0.9988	67.56
53.5	4,272,601	82,063	0.0192	0.9808	67.48
54.5	2,009,350		0.0000	1.0000	66.18
55.5	2,006,370		0.0000	1.0000	66.18
56.5	943,070		0.0000	1.0000	66.18
57.5	943,070		0.0000	1.0000	66.18
58.5	939,010		0.0000	1.0000	66.18
59.5	939,010		0.0000	1.0000	66.18
60.5	939,010		0.0000	1.0000	66.18
61.5	939,010		0.0000	1.0000	66.18
62.5	939,010		0.0000	1.0000	66.18
63.5	939,010		0.0000	1.0000	66.18
64.5					66.18

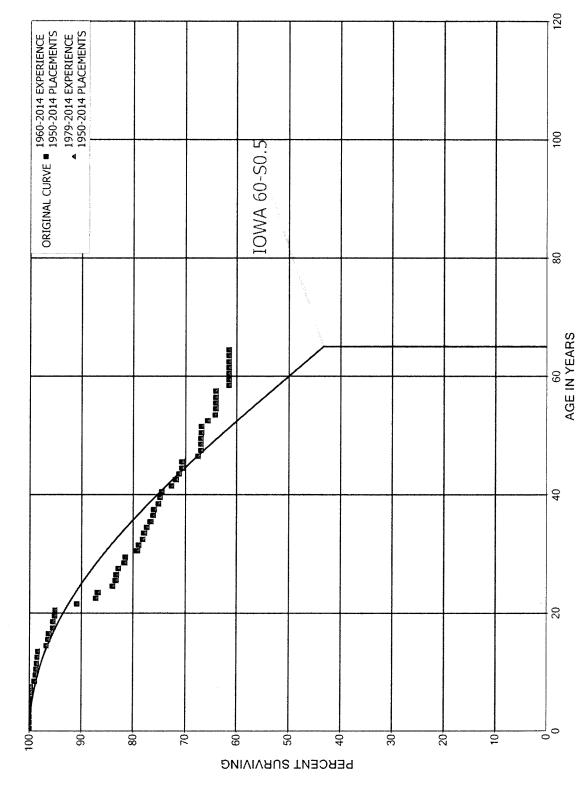
### ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	222,960,073		0.0000	1.0000	100.00
0.5	220,805,414	10,778	0.0000	1.0000	100.00
1.5	217,041,960	2,822	0.0000	1.0000	100.00
2.5	179,678,951	180,677	0.0010	0.9990	99.99
3.5	177,746,785	275,847	0.0016	0.9984	99.89
4.5	105,044,829	320,771	0.0031	0.9969	99.74
5.5	99,990,692	100,804	0.0010	0.9990	99.43
6.5	96,757,399	197,553	0.0020	0.9980	99.33
7.5	100,873,370	371,184	0.0037	0.9963	99.13
8.5	95,581,165	509,782	0.0053	0.9947	98.77
9.5	102,852,692	252,982	0.0025	0.9975	98.24
10.5	96,458,751	1,139,755	0.0118	0.9882	98.00
11.5	93,650,908	2,264,845	0.0242	0.9758	96.84
12.5	92,519,574	330,728	0.0036	0.9964	94.50
13.5	75,555,082	490,039	0.0065	0.9935	94.16
14.5	70,592,118	425,270	0.0060	0.9940	93.55
15.5	69,946,839	53,569	0.0008	0.9992	92.99
16.5	72,137,894	621,994	0.0086	0.9914	92.91
17.5	69,811,867	104,607	0.0015	0.9985	92.11
18.5	71,884,197	549,369	0.0076	0.9924	91.98
19.5	69,084,363	286,161	0.0041	0.9959	91.27
20.5	68,940,784	166,985	0.0024	0.9976	90.89
21.5	68,547,398	1,575,109	0.0230	0.9770	90.67
22.5	65,038,611	815,663	0.0125	0.9875	88.59
23.5	64,719,135	62,040	0.0010	0.9990	87.48
24.5	48,419,804	329,103	0.0068	0.9932	87.40
25.5	47,989,825	445,629	0.0093	0.9907	86.80
26.5	47,661,329	185,102	0.0039	0.9961	86.00
27.5	47,322,509	470,356	0.0099	0.9901	85.66
28.5	45,658,497	1,327,906	0.0291	0.9709	84.81
29.5	44,112,885	871,552	0.0198	0.9802	82.34
30.5	40,819,981	560,451	0.0137	0.9863	80.72
31.5	36,191,001	202,362	0.0056	0.9944	79.61
32.5	35,877,090	2,453,016	0.0684	0.9316	79.16
33.5	33,309,433	123,198	0.0037	0.9963	73.75
34.5	22,177,826	309,367	0.0139	0.9861	73.48
35.5	20,133,819	23,896	0.0012	0.9988	72.45
36.5	18,492,552	14,696	0.0008	0.9992	72.37
37.5	17,899,350	174,754	0.0098	0.9902	72.31
38.5	17,724,596	106,102	0.0060	0.9940	71.60

### ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT	BAND 1950-2014		EXPER	RIENCE BANI	1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 49.5 51.5 52.5 53.5 55.5 56.5 57.5	17,617,280 17,569,324 17,258,189 17,222,581 17,214,613 16,800,586 9,922,357 9,922,098 9,861,878 6,754,970 6,745,604 6,677,090 6,679,701 4,296,789 4,272,601 2,009,350 2,006,370 943,070 943,070 939,010	35,949 303,164 21,632 1,483 214,906 206,959 259 60,220 123 9,366 68,513 781 5,135 82,063	0.0020 0.0173 0.0013 0.0001 0.0125 0.0123 0.0000 0.0061 0.0000 0.0014 0.0102 0.0001 0.0000 0.0012 0.0192 0.0000 0.0000 0.0000 0.0000	0.9980 0.9827 0.9987 0.9999 0.9875 0.9877 1.0000 0.9939 1.0000 0.9986 0.9898 0.9999 1.0000 0.9988 0.9988 1.0000 1.0000 1.0000 1.0000 1.0000	71.17 71.03 69.80 69.72 69.71 68.84 67.99 67.58 67.58 67.48 66.80 66.79 66.79 66.71 65.43 65.43 65.43
59.5 60.5 61.5 62.5 63.5 64.5	939,010 939,010 939,010 939,010 939,010		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	65.43 65.43 65.43 65.43 65.43

KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1950-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
		INIEKVAL			
0.0	65,910,840		0.0000	1.0000	100.00
0.5	62,049,370	21 472	0.0000	1.0000	100.00
1.5 2.5	62,008,680	21,473	0.0003	0.9997	100.00
3.5	67,239,331 65,082,963	461 13,400	0.0000 0.0002	1.0000 0.9998	99.97 99.96
4.5	47,096,404	13,400	0.0002	1.0000	99.94
5.5	35,820,078	73,030	0.0000	0.9980	99.94
6.5	35,405,311	2,673	0.0020	0.9999	99.74
7.5	36,180,480	238,301	0.0066	0.9934	99.73
8.5	34,742,145	70,619	0.0020	0.9980	99.08
9.5	34,089,554	34,057	0.0010	0.9990	98.87
10.5	33,551,353	54,971	0.0016	0.9984	98.78
11.5	32,808,312	32,805	0.0010	0.9990	98.61
12.5	30,288,243	31,994	0.0011	0.9989	98.52
13.5	31,503,120	528,241	0.0168	0.9832	98.41
14.5	29,904,621	113,724	0.0038	0.9962	96.76
15.5	29,404,312	49,328	0.0017	0.9983	96.39
16.5	29,191,014	215,111	0.0074	0.9926	96.23
17.5 18.5	28,804,412 28,759,564	13,846	0.0005 0.0032	0.9995	95.52 95.48
10.5	20,739,304	92,812	0.0032	0.9968	93.46
19.5	28,535,371	19,070	0.0007	0.9993	95.17
20.5	28,255,124	1,228,418	0.0435	0.9565	95.10
21.5	23,480,398	944,698	0.0402	0.9598	90.97
22.5	22,066,722	105,392	0.0048	0.9952	87.31
23.5	21,822,498	703,439	0.0322	0.9678	86.89
24.5	18,205,452	132,021	0.0073	0.9927	84.09
25.5	17,998,455	20,562	0.0011	0.9989	83.48
26.5	17,959,004	84,637	0.0047	0.9953	83.39
27.5	17,787,972	245,555	0.0138	0.9862	82.99
28.5	17,470,676	40,457	0.0023	0.9977	81.85
29.5	17,629,918	489,576	0.0278	0.9722	81.66
30.5	17,567,826	62,141	0.0035	0.9965	79.39
31.5	15,422,457	158,896	0.0103	0.9897	79.11
32.5	15,324,852	55,755	0.0036	0.9964	78.29
33.5	15,222,690	91,446	0.0060	0.9940	78.01
34.5	9,956,528	95,119	0.0096	0.9904	77.54
35.5	8,888,381	57,067	0.0064	0.9936	76.80
36.5	7,365,932	16,090	0.0022	0.9978	76.31
37.5	7,531,323	82,423	0.0109	0.9891	76.14
38.5	7,255,375	35,055	0.0048	0.9952	75.31

### ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

AGE AT BEGIN OF BEGINNING OF INTERVAL         EXPOSURES AT BEGINNING OF INTERVAL         RETIREMENTS DURING AGE INTERVAL         RETMT RATIO         SURV BEGIN OF RATIO         BEGIN OF INTERVAL           39.5         7,420,695         29,206         0.0039         0.9961         74.94           40.5         7,323,737         189,914         0.0259         0.9741         74.65           41.5         7,131,091         80,417         0.0113         0.9887         72.71           42.5         7,063,503         62,683         0.0089         0.9911         71.89           43.5         7,002,089         50,874         0.0073         0.9927         71.26           44.5         6,787,292         192         0.0000         1.0000         70.74           45.5         1,825,496         79,390         0.0435         0.99565         70.74           46.5         1,746,106         14,167         0.0081         0.9919         67.66           47.5         1,564,242         260         0.0002         0.9998         67.11           48.5         1,329,334         1,254         0.0009         0.9991         67.04           50.5         1,258,876         0.0000         0.0000         1.0000         6	PLACEMENT I	BAND 1950-2014		EXPE	RIENCE BAN	D 1960-2014
INTERVAL         AGE INTERVAL         INTERVAL         RATIO         RATIO         INTERVAL           39.5         7,420,695         29,206         0.0039         0.9961         74.94           40.5         7,323,737         189,914         0.0259         0.9741         74.65           41.5         7,131,091         80,417         0.0113         0.9887         72.71           42.5         7,063,503         62,683         0.0089         0.9911         71.89           43.5         7,002,089         50,874         0.0073         0.9927         71.26           44.5         6,787,292         192         0.0000         1.0000         70.74           45.5         1,825,496         79,390         0.0435         0.9565         70.74           46.5         1,746,106         14,167         0.0081         0.9919         67.66           47.5         1,564,242         260         0.0002         0.9998         67.11           48.5         1,329,334         1,144         0.0009         0.9991         67.04           50.5         1,258,876         0.0000         1.0000         66.98           51.5         1,250,552         23,368         0.0187	AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
39.5       7,420,695       29,206       0.0039       0.9961       74.94         40.5       7,323,737       189,914       0.0259       0.9741       74.65         41.5       7,131,091       80,417       0.0113       0.9887       72.71         42.5       7,063,503       62,683       0.0089       0.9911       71.89         43.5       7,002,089       50,874       0.0073       0.9927       71.26         44.5       6,787,292       192       0.0000       1.0000       70.74         45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       516,346       815       0.0000 <t< td=""><td>BEGIN OF</td><td>BEGINNING OF</td><td>DURING AGE</td><td>RETMT</td><td>SURV</td><td>BEGIN OF</td></t<>	BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
40.5       7,323,737       189,914       0.0259       0.9741       74.65         41.5       7,131,091       80,417       0.0113       0.9887       72.71         42.5       7,063,503       62,683       0.0089       0.9911       71.89         43.5       7,002,089       50,874       0.0073       0.9927       71.26         44.5       6,787,292       192       0.0000       1.0000       70.74         45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000	INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
41.5       7,131,091       80,417       0.0113       0.9887       72.71         42.5       7,063,503       62,683       0.0089       0.9911       71.89         43.5       7,002,089       50,874       0.0073       0.9927       71.26         44.5       6,787,292       192       0.0000       1.0000       70.74         45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.10         49.5       1,258,876       0.0000       1.0000       66.98         51.5       1,258,876       0.0000       1.0000       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         58.5 <td>39.5</td> <td>7,420,695</td> <td>29,206</td> <td>0.0039</td> <td>0.9961</td> <td>74.94</td>	39.5	7,420,695	29,206	0.0039	0.9961	74.94
42.5       7,063,503       62,683       0.0089       0.9911       71.89         43.5       7,002,089       50,874       0.0073       0.9927       71.26         44.5       6,787,292       192       0.0000       1.0000       70.74         45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.10         49.5       1,329,334       1,254       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0000       1.0000       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       239,847       9,856       0.0411       0.9589       64.20	40.5	7,323,737	189,914	0.0259	0.9741	74.65
43.5       7,002,089       50,874       0.0073       0.9927       71.26         44.5       6,787,292       192       0.0000       1.0000       70.74         45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5	41.5	7,131,091	80,417	0.0113	0.9887	72.71
44.5       6,787,292       192       0.0000       1.0000       70.74         45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         62.5       228,075	42.5	7,063,503	62,683	0.0089	0.9911	71.89
45.5       1,825,496       79,390       0.0435       0.9565       70.74         46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.04         49.5       1,329,334       1,254       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         62.5       228,075	43.5	7,002,089	50,874	0.0073	0.9927	71.26
46.5       1,746,106       14,167       0.0081       0.9919       67.66         47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.04         49.5       1,329,334       1,254       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000	44.5	6,787,292	192	0.0000	1.0000	70.74
47.5       1,564,242       260       0.0002       0.9998       67.11         48.5       1,330,478       1,144       0.0009       0.9991       67.10         49.5       1,329,334       1,254       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000	45.5	1,825,496	79,390	0.0435	0.9565	70.74
48.5       1,330,478       1,144       0.0009       0.9991       67.10         49.5       1,329,334       1,254       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57     <	46.5	1,746,106	14,167	0.0081	0.9919	67.66
49.5       1,329,334       1,254       0.0009       0.9991       67.04         50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	47.5	1,564,242	260	0.0002	0.9998	67.11
50.5       1,258,876       0.0000       1.0000       66.98         51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	48.5	1,330,478	1,144	0.0009	0.9991	67.10
51.5       1,250,552       23,368       0.0187       0.9813       66.98         52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	49.5	1,329,334	1,254	0.0009	0.9991	67.04
52.5       938,866       20,921       0.0223       0.9777       65.73         53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	50.5	1,258,876		0.0000	1.0000	66.98
53.5       916,346       815       0.0009       0.9991       64.26         54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	51.5	1,250,552	23,368	0.0187	0.9813	66.98
54.5       532,621       0.0000       1.0000       64.20         55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	52.5	938,866	20,921	0.0223	0.9777	65.73
55.5       532,621       0.0000       1.0000       64.20         56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	53.5	916,346	815	0.0009	0.9991	64.26
56.5       299,442       0.0000       1.0000       64.20         57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         59.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	54.5	532,621		0.0000	1.0000	64.20
57.5       239,847       9,856       0.0411       0.9589       64.20         58.5       228,400       0.0000       1.0000       61.57         59.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	55.5	532,621		0.0000	1.0000	64.20
58.5       228,400       0.0000       1.0000       61.57         59.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	56.5	299,442		0.0000	1.0000	64.20
59.5       228,400       0.0000       1.0000       61.57         60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	57.5	239,847	9,856	0.0411	0.9589	64.20
60.5       228,400       0.0000       1.0000       61.57         61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	58.5	228,400		0.0000	1.0000	61.57
61.5       228,075       0.0000       1.0000       61.57         62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	59.5	228,400		0.0000	1.0000	61.57
62.5       228,075       0.0000       1.0000       61.57         63.5       228,075       0.0000       1.0000       61.57	60.5	228,400		0.0000	1.0000	61.57
63.5 228,075 0.0000 1.0000 61.57	61.5	228,075		0.0000	1.0000	61.57
	62.5	228,075		0.0000	1.0000	61.57
64.5	63.5	228,075		0.0000	1.0000	61.57
	64.5					61.57

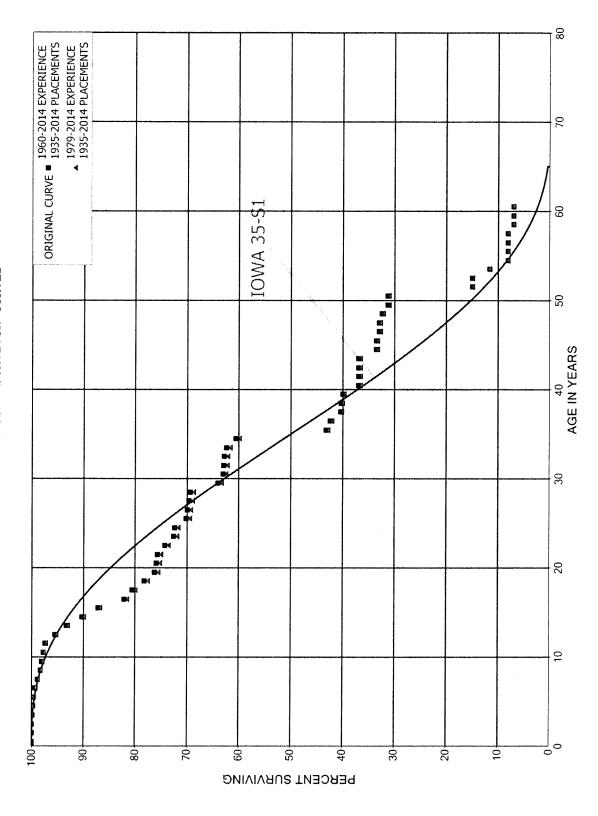
### ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	54,870,182		0.0000	1.0000	100.00
0.5	52,981,245		0.0000	1.0000	100.00
1.5	52,648,169	21,473	0.0004	0.9996	100.00
2.5	57,898,471	461	0.0000	1.0000	99.96
3.5	55,748,401	12,100	0.0002	0.9998	99.96
4.5	37,775,310		0.0000	1.0000	99.94
5.5	26,553,728	73,030	0.0028	0.9972	99.94
6.5	26,167,438	2,673	0.0001	0.9999	99.66
7.5	26,960,117	238,301	0.0088	0.9912	99.65
8.5	25,857,124	32,261	0.0012	0.9988	98.77
9.5	31,646,161	34,057	0.0011	0.9989	98.65
10.5	31,109,710	54,971	0.0018	0.9982	98.54
11.5	30,376,968	32,805	0.0011	0.9989	98.37
12.5	28,500,015	31,994	0.0011	0.9989	98.26
13.5	29,714,892	493,916	0.0166	0.9834	98.15
14.5	28,237,724	113,724	0.0040	0.9960	96.52
15.5	27,752,442	48,028	0.0017	0.9983	96.13
16.5	28,001,282	211,580	0.0076	0.9924	95.96
17.5	27,633,150	13,846	0.0005	0.9995	95.24
18.5	28,170,889	92,812	0.0033	0.9967	95.19
19.5	27,946,696	19,070	0.0007	0.9993	94.88
20.5	27,966,834	1,228,418	0.0439	0.9561	94.81
21.5	23,192,108	944,698	0.0407	0.9593	90.65
22.5	21,778,432	105,392	0.0048	0.9952	86.96
23.5	21,534,315	703,439	0.0327	0.9673	86.54
24.5	17,917,460	132,021	0.0074	0.9926	83.71
25.5	17,712,795	20,562	0.0012	0.9988	83.09
26.5	17,673,396	84,637	0.0048	0.9952	83.00
27.5	17,502,364	245,555	0.0140	0.9860	82.60
28.5	17,470,676	40,457	0.0023	0.9977	81.44
29.5	17,629,918	489,576	0.0278	0.9722	81.25
30.5	17,567,826	62,141	0.0035	0.9965	78.99
31.5	15,422,457	158,896	0.0103	0.9897	78.71
32.5	15,324,852	55,755	0.0036	0.9964	77.90
33.5	15,222,690	91,446	0.0060	0.9940	77.62
34.5	9,956,528	95,119	0.0096	0.9904	77.15
35.5	8,888,381	57,067	0.0064	0.9936	76.42
36.5	7,365,932	16,090	0.0022	0.9978	75.93
37.5	7,531,323	82,423	0.0109	0.9891	75.76
38.5	7,255,375	35,055	0.0048	0.9952	74.93

## ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1950-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5 50.5 51.5 52.5 53.5	7,420,695 7,323,737 7,131,091 7,063,503 7,002,089 6,787,292 1,825,496 1,746,106 1,564,242 1,330,478 1,329,334 1,258,876 1,250,552 938,866 916,346 532,621	29,206 189,914 80,417 62,683 50,874 192 79,390 14,167 260 1,144 1,254 23,368 20,921 815	0.0039 0.0259 0.0113 0.0089 0.0073 0.0000 0.0435 0.0081 0.0002 0.0009 0.0009 0.0009 0.0187 0.0223 0.0009 0.0009	0.9961 0.9741 0.9887 0.9911 0.9927 1.0000 0.9565 0.9919 0.9998 0.9991 1.0000 0.9813 0.9777 0.9991 1.0000	74.57 74.28 72.35 71.53 70.90 70.38 70.38 67.32 66.77 66.76 66.71 66.64 65.40 63.94 63.88
55.5 56.5 57.5 58.5 59.5 60.5 61.5 62.5 63.5 64.5	532,621 299,442 239,847 228,400 228,400 228,075 228,075 228,075	9,856	0.0000 0.0000 0.0411 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9589 1.0000 1.0000 1.0000 1.0000 1.0000	63.88 63.88 63.88 61.26 61.26 61.26 61.26 61.26 61.26

KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT	BAND 1935-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	14,918,092		0.0000	1.0000	100.00
0.5	14,276,023	7,604	0.0005	0.9995	100.00
1.5	13,480,697	4,664	0.0003	0.9997	99.95
2.5	11,569,647	6,933	0.0006	0.9994	99.91
3.5	9,788,481	14,199	0.0015	0.9985	99.85
4.5	8,029,303	7,983	0.0010	0.9990	99.71
5.5	6,321,589	23,900	0.0038	0.9962	99.61
6.5	6,073,166	26,433	0.0044	0.9956	99.23
7.5	5,616,288	29,276	0.0052	0.9948	98.80
8.5	5,507,151	14,032	0.0025	0.9975	98.28
9.5	5,080,705	14,932	0.0029	0.9971	98.03
10.5	4,953,971	17,407	0.0035	0.9965	97.75
11.5	4,779,276	92,172	0.0193	0.9807	97.40
12.5	4,585,551	106,374	0.0232	0.9768	95.52
13.5	4,426,332	141,145	0.0319	0.9681	93.31
14.5	4,072,183	140,841	0.0346	0.9654	90.33
15.5	3,632,009	210,855	0.0581	0.9419	87.21
16.5	3,334,389	61,451	0.0184	0.9816	82.15
17.5	3,167,289	92,607	0.0292	0.9708	80.63
18.5	2,977,261	74,753	0.0251	0.9749	78.27
19.5	2,775,927	13,263	0.0048	0.9952	76.31
20.5	2,616,405	7,068	0.0027	0.9973	75.94
21.5	2,408,069	47,458	0.0197	0.9803	75.74
22.5	2,330,060	51,191	0.0220	0.9780	74.25
23.5	1,786,161	6,426	0.0036	0.9964	72.62
24.5	1,718,764	52,523	0.0306	0.9694	72.35
25.5	1,605,573	3,417	0.0021	0.9979	70.14
26.5	1,553,539	8,632	0.0056	0.9944	69.99
27.5	1,525,903	3,555	0.0023	0.9977	69.60
28.5	1,479,299	114,474	0.0774	0.9226	69.44
29.5	1,295,736	19,886	0.0153	0.9847	64.07
30.5	1,225,763	2,612	0.0021	0.9979	63.09
31.5	1,158,785	2,415	0.0021	0.9979	62.95
32.5	1,146,094	8,430	0.0074	0.9926	62.82
33.5	1,118,660	32,113	0.0287	0.9713	62.36
34.5	672,524	193,438	0.2876	0.7124	60.57
35.5	392,000	7,146	0.0182	0.9818	43.15
36.5	318,772	14,498	0.0455	0.9545	42.36
37.5	303,489	792	0.0026	0.9974	40.43
38.5	299,532	2,463	0.0082	0.9918	40.33

### ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

#### ORIGINAL LIFE TABLE, CONT.

#### PLACEMENT BAND 1935-2014 EXPERIENCE BAND 1960-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 297,069 22,884 0.0770 0.9230 40.00 40.5 267,857 0.0000 1.0000 36.92 266,852 41.5 0.0000 1.0000 36.92 265,183 0.0003 0.9997 42.5 85 36.92 43.5 263,426 24,219 36.90 0.0919 0.9081 44.5 206,811 0.0000 1.0000 33.51 0.0174 45.5 49,353 857 0.9826 33.51 46.5 48,496 0.0000 1.0000 32.93 48,496 47.5 838 0.0173 0.9827 32.93 48.5 21,229 700 0.0330 0.9670 32.36 49.5 20,529 31.29 0.0000 1.0000 50.5 19,056 9,964 0.5229 0.4771 31.29 51.5 9,092 0.0000 1.0000 14.93 1,996 0.2195 0.7805 14.93 52.5 9,092 7,096 2,168 0.3055 0.6945 11.65 53.5 4,928 0.0000 1.0000 8.09 54.5 0.0000 8.09 55.5 4,928 1.0000 8.09 56.5 4,928 0.0000 1.0000 57.5 1,722 250 0.1452 0.8548 8.09 58.5 1,472 0.0000 1.0000 6.92 59.5 1,008 0.0000 1.0000 6.92 60.5 6.92

## ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

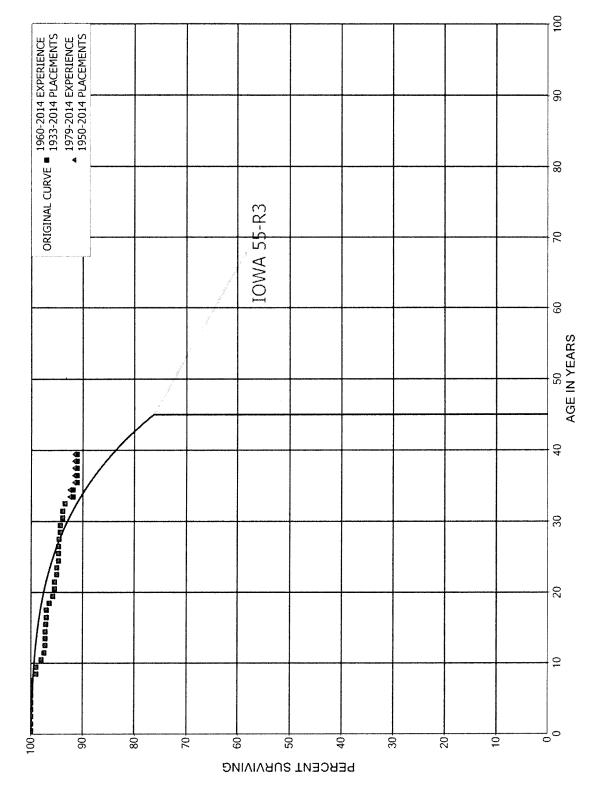
PLACEMENT	BAND 1935-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	13,708,210		0.0000	1.0000	100.00
0.5	13,206,763	7,604	0.0006	0.9994	100.00
1.5	12,448,268	4,664	0.0004	0.9996	99.94
2.5	10,523,539	6,933	0.0007	0.9993	99.90
3.5	8,748,657	14,199	0.0016	0.9984	99.84
4.5	6,993,347	7,983	0.0011	0.9989	99.68
5.5	5,306,379	21,626	0.0041	0.9959	99.56
6.5	5,066,887	26,433	0.0052	0.9948	99.16
7.5	4,595,136	29,276	0.0064	0.9936	98.64
8.5	4,532,509	11,532	0.0025	0.9975	98.01
9.5	4,756,920	14,932	0.0031	0.9969	97.76
10.5	4,631,451	17,407	0.0038	0.9962	97.46
11.5	4,462,025	92,172	0.0207	0.9793	97.09
12.5	4,462,163	106,374	0.0238	0.9762	95.08
13.5	4,304,555	141,145	0.0328	0.9672	92.82
14.5	3,952,278	140,841	0.0356	0.9644	89.77
15.5	3,515,117	210,855	0.0600	0.9400	86.57
16.5	3,245,222	61,451	0.0189	0.9811	81.38
17.5	3,082,423	92,607	0.0300	0.9700	79.84
18.5	2,892,916	74,753	0.0258	0.9742	77.44
19.5	2,692,990	13,263	0.0049	0.9951	75.44
20.5	2,541,654	7,068	0.0028	0.9972	75.07
21.5	2,370,213	47,458	0.0200	0.9800	74.86
22.5	2,292,575	51,191	0.0223	0.9777	73.36
23.5	1,751,596	6,426	0.0037	0.9963	71.72
24.5	1,685,745	52,523	0.0312	0.9688	71.46
25.5	1,576,044	3,417	0.0022	0.9978	69.23
26.5	1,526,518	8,632	0.0057	0.9943	69.08
27.5	1,498,882	3,555	0.0024	0.9976	68.69
28.5	1,477,051	114,474	0.0775	0.9225	68.53
29.5	1,293,488	19,886	0.0154	0.9846	63.22
30.5	1,223,515	2,612	0.0021	0.9979	62.25
31.5	1,158,705	2,415	0.0021	0.9979	62.11
32.5	1,146,014	8,430	0.0074	0.9926	61.98
33.5	1,118,580	32,113	0.0287	0.9713	61.53
34.5	672,444	193,438	0.2877	0.7123	59.76
35.5	391,920	7,146	0.0182	0.9818	42.57
36.5	318,692	14,498	0.0455	0.9545	41.79
37.5	303,409	792	0.0026	0.9974	39.89
38.5	299,452	2,463	0.0082	0.9918	39.79

#### ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

#### ORIGINAL LIFE TABLE, CONT.

#### PLACEMENT BAND 1935-2014 EXPERIENCE BAND 1979-2014 PCT SURV AGE AT EXPOSURES AT RETIREMENTS BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL INTERVAL AGE INTERVAL INTERVAL RATIO RATIO 39.46 39.5 297,044 22,884 0.0770 0.9230 40.5 267,832 0.0000 1.0000 36.42 266,827 41.5 0.0000 1.0000 36.42 42.5 265,158 85 0.0003 0.9997 36.42 43.5 263,426 24,219 0.0919 0.9081 36.41 206,811 0.0000 1.0000 33.06 44.5 45.5 857 0.0174 0.9826 33.06 49,353 0.0000 1.0000 46.5 32.49 48,496 47.5 48,496 838 0.0173 0.9827 32.49 700 0.0330 0.9670 48.5 21,229 31.93 30.87 49.5 20,529 0.0000 1.0000 0.5229 0.4771 30.87 50.5 19,056 9,964 14.73 1.0000 9,092 0.0000 51.5 0.2195 0.7805 14.73 52.5 9,092 1,996 7,096 2,168 0.3055 0.6945 11.50 53.5 1.0000 7.98 0.0000 54.5 4,928 0.0000 7.98 1.0000 55.5 4,928 1.0000 0.0000 7.98 56.5 4,928 57.5 1,722 250 0.1452 0.8548 7.98 58.5 1,472 0.0000 1.0000 6.82 1,008 0.0000 1.0000 6.82 59.5 6.82 60.5

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ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 341 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

PLACEMENT I	BAND 1933-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5	19,079,960 19,371,439 19,050,894 18,513,513	10,000	0.0005 0.0000 0.0000 0.0000	0.9995 1.0000 1.0000 1.0000	100.00 99.95 99.95 99.95
3.5 4.5 5.5 6.5	17,962,692 17,442,978 16,627,934 15,827,673	3,776	0.0002 0.0000 0.0000 0.0000	0.9998 1.0000 1.0000	99.95 99.93 99.93 99.93
7.5 8.5	15,284,401 16,875,194	154,590	0.0101	0.9899 1.0000	99.93 98.92
9.5 10.5 11.5 12.5	6,620,719 6,313,124 6,294,837 3,865,152	63,067 40,000 9,984	0.0095 0.0063 0.0016 0.0000	0.9905 0.9937 0.9984 1.0000	98.92 97.97 97.35 97.20
13.5 14.5 15.5 16.5	3,361,892 2,875,532 2,971,850 2,883,126	4,884	0.0000 0.0017 0.0011 0.0000	1.0000 0.9983 0.9989 1.0000	97.20 97.20 97.03 96.93
17.5 18.5 19.5	2,842,349 2,733,044 2,696,335	15,159 20,000 9,721	0.0053 0.0073 0.0036	0.9947 0.9927 0.9964	96.93 96.41 95.71
20.5 21.5 22.5	2,037,292 2,025,915 1,808,269	8,662	0.0000 0.0043 0.0000	1.0000 0.9957 1.0000	95.36 95.36 94.96
23.5 24.5 25.5 26.5	1,800,060 1,596,310 1,593,066 1,736,204	5,987 120 7 1,432	0.0033 0.0001 0.0000 0.0008	0.9967 0.9999 1.0000 0.9992	94.96 94.64 94.63 94.63
27.5 28.5 29.5	1,665,037 1,520,925 1,427,841	5,164 6,605	0.0031 0.0000 0.0046	0.9969 1.0000 0.9954	94.55 94.26 94.26
30.5 31.5 32.5 33.5	1,427,841 1,381,113 1,244,646 1,141,550 1,061,860	5,402 18,904	0.0000 0.0043 0.0166 0.0000	1.0000 0.9957 0.9834 1.0000	93.83 93.83 93.42 91.87
34.5 35.5 36.5 37.5	1,050,812 992,760 992,760 992,760	9,328	0.0089 0.0000 0.0000 0.0000	0.9911 1.0000 1.0000	91.87 91.06 91.06 91.06
38.5	992,760		0.0000	1.0000	91.06

### ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

#### ORIGINAL LIFE TABLE, CONT.

#### EXPERIENCE BAND 1960-2014 PLACEMENT BAND 1933-2014 RETIREMENTS PCT SURV AGE AT EXPOSURES AT BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL INTERVAL AGE INTERVAL INTERVAL RATIO RATIO 992,760 0.0000 1.0000 91.06 39.5 40.5 12,921 0.0000 1.0000 91.06 0.0000 1.0000 91.06 41.5 12,921 91.06 42.5 12,921 0.0000 1.0000 91.06 43.5 879 878 0.9989 0.0011 44.5 0.0000 1.0000 0.10 1 45.5 1 0.0000 1.0000 0.10 1 0.0000 1.0000 0.10 46.5 47.5 0.10

## ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	17,945,584	10,000	0.0006	0.9994	100.00
0.5	18,373,541		0.0000	1.0000	99.94
1.5	18,050,060		0.0000	1.0000	99.94
2.5	17,512,679		0.0000	1.0000	99.94
3.5	16,962,270	3,776	0.0002	0.9998	99.94
4.5	17,429,608		0.0000	1.0000	99.92
5.5	16,614,564		0.0000	1.0000	99.92
6.5	15,813,750		0.0000	1.0000	99.92
7.5	15,267,299	154,590	0.0101	0.9899	99.92
8.5	16,841,827		0.0000	1.0000	98.91
9.5	6,585,274	63,067	0.0096	0.9904	98.91
10.5	6,277,026	40,000	0.0064	0.9936	97.96
11.5	6,258,166	9,984	0.0016	0.9984	97.34
12.5	3,828,181		0.0000	1.0000	97.18
13.5	3,315,068		0.0000	1.0000	97.18
14.5	2,828,644	4,884	0.0017	0.9983	97.18
15.5	2,913,207	3,126	0.0011	0.9989	97.02
16.5	2,829,017		0.0000	1.0000	96.91
17.5	2,797,394	15,159	0.0054	0.9946	96.91
18.5	2,684,296	20,000	0.0075	0.9925	96.39
19.5	2,664,297	9,721	0.0036	0.9964	95.67
20.5	2,018,496		0.0000	1.0000	95.32
21.5	2,008,777	8,662	0.0043	0.9957	95.32
22.5	1,802,525		0.0000	1.0000	94.91
23.5	1,794,616	5,987	0.0033	0.9967	94.91
24.5	1,590,866		0.0000	1.0000	94.59
25.5	1,587,923	7	0.0000	1.0000	94.59
26.5	1,587,916	1,432	0.0009	0.9991	94.59
27.5	1,517,220	5,164	0.0034	0.9966	94.51
28.5	1,373,226		0.0000	1.0000	94.18
29.5	1,284,066	6,605	0.0051	0.9949	94.18
30.5	1,277,462		0.0000	1.0000	93.70
31.5	1,140,995	5,402	0.0047	0.9953	93.70
32.5	1,037,899	9,387	0.0090	0.9910	93.26
33.5	1,015,993		0.0000	1.0000	92.41
34,5	1,005,129	9,328	0.0093	0.9907	92.41
35.5	992,760		0.0000	1.0000	91.56
36.5	992,760		0.0000	1.0000	91.56
37.5	992,760		0.0000	1.0000	91.56
38.5	992,760		0.0000	1.0000	91.56

## ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1950-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	992,760		0.0000	1.0000	91.56
40.5	12,921		0.0000	1.0000	91.56
41.5	12,921		0.0000	1.0000	91.56
42.5	12,921		0.0000	1.0000	91.56
43.5	879	878	0.9989	0.0011	91.56
44.5	1		0.0000	1.0000	0.10
45.5	1		0.0000	1.0000	0.10
46.5	1		0.0000	1.0000	0.10
47.5					0.10

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ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES
ORIGINAL AND SMOOTH SURVIVOR CURVES

ORIGINAL CURVE **1960-2014 EXPERIENCE**1933-2012 PLACEMENTS ▲ 1979-2014 EXPERIENCE 1974-2012 PLACEMENTS IOWA 55-R3 AGE IN YEARS 닝。 ġ РЕВСЕИТ SURVIVING

## ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT	BAND 1933-2012		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	12,213,938		0.0000	1.0000	100.00
0.5	13,294,472		0.0000	1.0000	100.00
1.5	12,632,958		0.0000	1.0000	100.00
2.5	10,219,917		0.0000	1.0000	100.00
3.5	10,120,426		0.0000	1.0000	100.00
4.5	10,120,426		0.0000	1.0000	100.00
5.5	10,120,426		0.0000	1.0000	100.00
6.5	9,520,680		0.0000	1.0000	100.00
7.5	8,128,276		0.0000	1.0000	100.00
8.5	12,021,021	568	0.0000	1.0000	100.00
9.5	8,075,966	61,016	0.0076	0.9924	100.00
10.5	7,998,223	42,850	0.0054	0.9946	99.24
11.5	7,955,373	40,000	0.0050	0.9950	98.71
12.5	3,615,716	4,237	0.0012	0.9988	98.21
13.5	3,009,675		0.0000	1.0000	98.10
14.5	2,281,881		0.0000	1.0000	98.10
15.5	1,636,903		0.0000	1.0000	98.10
16.5	1,401,976	22,168	0.0158	0.9842	98.10
17.5	1,379,808	33,924	0.0246	0.9754	96.55
18.5	1,012,105	1,377	0.0014	0.9986	94.17
19.5	1,010,728		0.0000	1.0000	94.04
20.5	941,424	245	0.0003	0.9997	94.04
21.5	941,179	249	0.0003	0.9997	94.02
22.5	940,930	98	0.0001	0.9999	93.99
23.5	940,832		0.0000	1.0000	93.98
24.5	931,284		0.0000	1.0000	93.98
25.5	931,284		0.0000	1.0000	93.98
26.5	940,688	74	0.0001	0.9999	93.98
27.5	940,614	267	0.0003	0.9997	93.98
28.5	940,347		0.0000	1.0000	93.95
29.5	940,347		0.0000	1.0000	93.95
30.5	940,347	3,267	0.0035	0.9965	93.95
31.5	886,480	11,498	0.0130	0.9870	93.62
32.5	821,698	7,009	0.0085	0.9915	92.41
33.5	801,330		0.0000	1.0000	91.62
34.5	801,330	39	0.0000	1.0000	91.62
35.5	801,291		0.0000	1.0000	91.62
36.5	544,692	2,128	0.0039	0.9961	91.62
37.5	542,564		0.0000	1.0000	91.26
38.5	542,564		0.0000	1.0000	91.26

## ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT	BAND 1933-2012		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	542,564		0.0000	1.0000	91.26
40.5					91.26

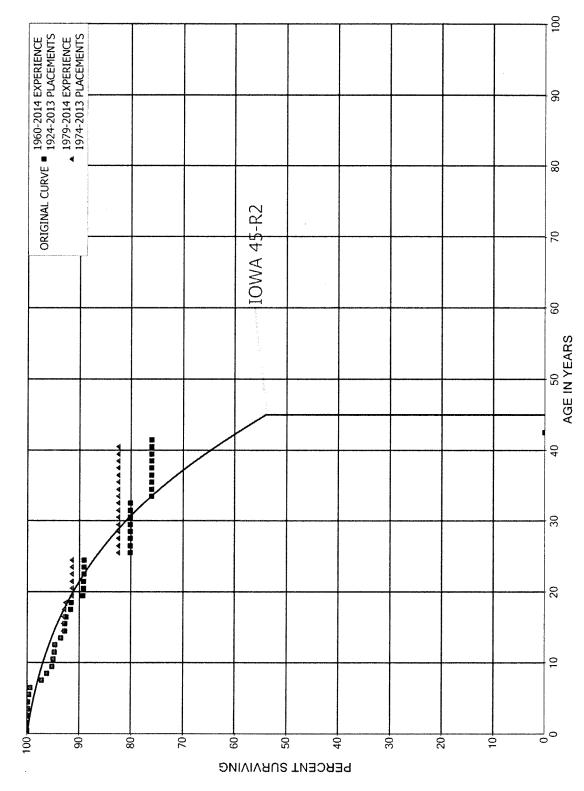
## ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT	BAND 1974-2012		EXPE	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	10,692,438 12,031,254 12,076,467 9,676,785 9,577,192 10,119,756 10,119,756 9,517,842		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00
7.5 8.5	8,125,438 12,016,806		0.0000 0.0000	1.0000	100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	8,068,591 7,990,950 7,948,100 3,608,100 3,003,863 2,276,069 1,630,842 1,395,841 1,375,841 1,010,062	60,914 42,850 40,000 4,237 20,000 32,000	0.0075 0.0054 0.0050 0.0012 0.0000 0.0000 0.0000 0.0143 0.0233 0.0000	0.9925 0.9946 0.9950 0.9988 1.0000 1.0000 0.9857 0.9767 1.0000	100.00 99.25 98.71 98.22 98.10 98.10 98.10 98.70 94.45
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,010,062 940,758 940,758 940,758 940,758 931,171 931,171 931,171 931,171		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	94.45 94.45 94.45 94.45 94.45 94.45 94.45 94.45 94.45
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	931,171 931,171 877,304 812,522 799,163 799,163 542,564 542,564 542,564	3,267 11,498	0.0000 0.0035 0.0131 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9965 0.9869 1.0000 1.0000 1.0000 1.0000 1.0000	94.45 94.45 94.11 92.88 92.88 92.88 92.88 92.88 92.88

### ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT I	BAND 1974-2012		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	542,564		0.0000	1.0000	92.88
40.5					92.88

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 343 PRIME MOVERS ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 343 PRIME MOVERS

PLACEMENT	BAND 1924-2013		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	120,016,982		0.0000	1.0000	100.00
0.5	121,343,436		0.0000	1.0000	100.00
1.5	121,454,430	2,000	0.0000	1.0000	100.00
2.5	121,375,814	196,421	0.0016	0.9984	100.00
3.5	120,516,324	67,490	0.0006	0.9994	99.84
4.5	119,893,265	220,045	0.0018	0.9982	99.78
5.5	119,521,344	196,004	0.0016	0.9984	99.60
6.5	115,328,999	2,644,514	0.0229	0.9771	99.43
7.5	107,580,918	1,126,547	0.0105	0.9895	97.15
8.5	181,129,923	1,897,145	0.0105	0.9895	96.14
9.5	111,796,850	179,638	0.0016	0.9984	95.13
10.5	110,887,865	325,464	0.0029	0.9971	94.98
11.5	112,129,314	56,988	0.0005	0.9995	94.70
12.5	33,701,334	420,425	0.0125	0.9875	94.65
13.5	25,809,970	202,831	0.0079	0.9921	93.47
14.5	12,507,590		0.0000	1.0000	92.73
15.5	11,283,167	25,036	0.0022	0.9978	92.73
16.5	9,931,122	92,657	0.0093	0.9907	92.53
17.5	9,785,067	19,578	0.0020	0.9980	91.67
18.5	7,589,548	184,689	0.0243	0.9757	91.48
19.5	7,404,859	3,179	0.0004	0.9996	89.26
20.5	6,134,326	129	0.0000	1.0000	89.22
21.5	6,134,197	12,803	0.0021	0.9979	89.22
22.5	6,028,128		0.0000	1.0000	89.03
23.5	5,763,840		0.0000	1.0000	89.03
24.5	3,351,118	332,983	0.0994	0.9006	89.03
25.5	399,333		0.0000	1.0000	80.18
26.5	615,756		0.0000	1.0000	80.18
27.5	4,084,268		0.0000	1.0000	80.18
28.5	4,084,268	31	0.0000	1.0000	80.18
29.5	4,084,364	==0	0.0000	1.0000	80.18
30.5	4,084,364	778	0.0002	0.9998	80.18
31.5	4,083,586	96	0.0000	1.0000	80.17
32.5	4,031,807	207,003	0.0513	0.9487	80.17
33.5	3,489,158		0.0000	1.0000	76.05
34.5	3,489,158	107	0.0000	1.0000	76.05
35.5	3,484,005	127	0.0000	1.0000	76.05
36.5	3,483,878		0.0000	1.0000	76.05 76.05
37.5	3,483,878		0.0000	1.0000	76.05
38.5	3,475,236		0.0000	1.0000	70.05

## ACCOUNT 343 PRIME MOVERS

PLACEMENT	BAND 1924-2013		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5	3,475,236 189 189	189	0.0000 0.0000 1.0000	1.0000	76.05 76.05 76.05

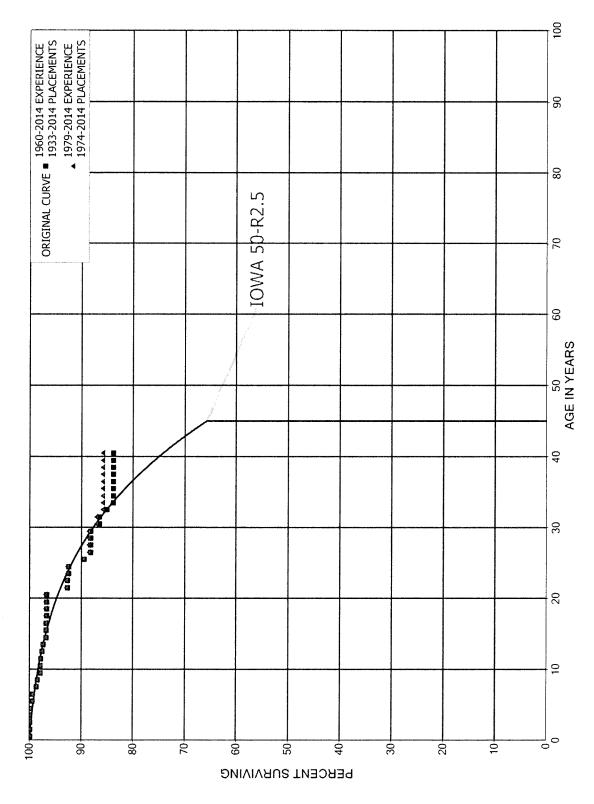
### ACCOUNT 343 PRIME MOVERS

PLACEMENT	BAND 1974-2013		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5	119,311,451 120,637,357 121,447,253 121,366,439 120,446,006 119,822,947 119,449,955 115,174,820	2,000 192,847 67,490 220,045 193,510 2,644,514	0.0000 0.0000 0.0000 0.0016 0.0006 0.0018 0.0016 0.0230	1.0000 1.0000 1.0000 0.9984 0.9994 0.9982 0.9984 0.9770	100.00 100.00 100.00 100.00 99.84 99.78 99.60 99.44
7.5 8.5	107,426,739 180,889,681	1,126,547 1,897,145	0.0105	0.9895	97.16 96.14
9.5 10.5 11.5 12.5	111,556,294 110,647,320 111,885,821 33,458,893	179,373 324,916 55,936 415,852	0.0016 0.0029 0.0005 0.0124	0.9984 0.9971 0.9995 0.9876	95.13 94.98 94.70 94.65
13.5 14.5 15.5	25,568,923 12,331,060 11,094,544	138,314	0.0054 0.0000 0.0020	0.9946 1.0000 0.9980	93.47 92.97 92.97
16.5 17.5 18.5	9,745,882 9,685,236 7,484,443	7,248 19,546 101,001	0.0007 0.0020 0.0135	0.9993 0.9980 0.9865	92.79 92.72 92.53
19.5 20.5 21.5 22.5 23.5 24.5	7,383,442 6,116,088 6,116,088 6,022,822 5,758,534 3,345,812	327,708	0.0000 0.0000 0.0000 0.0000 0.0000 0.0979	1.0000 1.0000 1.0000 1.0000 1.0000 0.9021	91.28 91.28 91.28 91.28 91.28 91.28
25.5 26.5 27.5 28.5	3,343,612 399,206 407,848 3,876,360 3,876,360	327,700	0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	82.34 82.34 82.34 82.34
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	3,876,360 3,876,360 3,876,360 3,824,677 3,489,031 3,483,689 3,483,689 3,483,689 3,475,047		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	82.34 82.34 82.34 82.34 82.34 82.34 82.34 82.34 82.34

## ACCOUNT 343 PRIME MOVERS

PLACEMENT	BAND 1974-2013		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5	3,475,047		0.0000	1.0000	82.34 82.34

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 344 GENERATORS ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 344 GENERATORS

PLACEMENT	BAND 1933-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	52,850,200	98,844	0.0019	0.9981	100.00
0.5	52,363,799		0.0000	1.0000	99.81
1.5	51,632,019		0.0000	1.0000	99.81
2.5	48,647,087		0.0000	1.0000	99.81
3.5	48,268,241	4,726	0.0001	0.9999	99.81
4.5	48,150,002	217,601	0.0045	0.9955	99.80
5.5	47,847,592		0.0000	1.0000	99.35
6.5	47,177,370	339,210	0.0072	0.9928	99.35
7.5	46,194,388	97,312	0.0021	0.9979	98.64
8.5	61,479,254	391,170	0.0064	0.9936	98.43
9.5	43,441,222	1,488	0.0000	1.0000	97.80
10.5	42,716,742	22,194	0.0005	0.9995	97.80
11.5	40,361,922	117,049	0.0029	0.9971	97.75
12.5	21,182,900	41,832	0.0020	0.9980	97.47
13.5	19,681,148	110,169	0.0056	0.9944	97.27
14.5	16,080,769		0.0000	1.0000	96.73
15.5	16,358,787	3,612	0.0002	0.9998	96.73
16.5	16,090,975	8,659	0.0005	0.9995	96.71
17.5	16,061,119		0.0000	1.0000	96.66
18.5	16,018,897	197	0.0000	1.0000	96.66
19.5	15,998,211		0.0000	1.0000	96.65
20.5	9,889,722	408,956	0.0414	0.9586	96.65
21.5	9,475,716	5,100	0.0005	0.9995	92.66
22.5	7,878,467	16,082	0.0020	0.9980	92.61
23.5	7,274,192	1,499	0.0002	0.9998	92.42
24.5	7,049,855	228,207	0.0324	0.9676	92.40
25.5	6,587,825	87,585	0.0133	0.9867	89.41
26.5	6,538,789	1,227	0.0002	0.9998	88.22
27.5	3,162,846		0.0000	1.0000	88.20
28.5	3,162,846		0.0000	1.0000	88.20
29.5	3,153,880	60,588	0.0192	0.9808	88.20
30.5	3,093,292		0.0000	1.0000	86.51
31.5	3,093,292	53,234	0.0172	0.9828	86.51
32.5	2,083,874	29,182	0.0140	0.9860	85.02
33.5	2,054,692		0.0000	1.0000	83.83
34.5	2,054,692		0.0000	1.0000	83.83
35.5	2,054,692		0.0000	1.0000	83.83
36.5	2,054,692		0.0000	1.0000	83.83
37.5	2,054,692		0.0000	1.0000	83.83
38.5	2,054,692		0.0000	1.0000	83.83

## ACCOUNT 344 GENERATORS

PLACEMENT	BAND 1933-2014		EXPE	RIENCE BAN	ID 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5	1,649,909		0.0000	1.0000	83.83 83.83

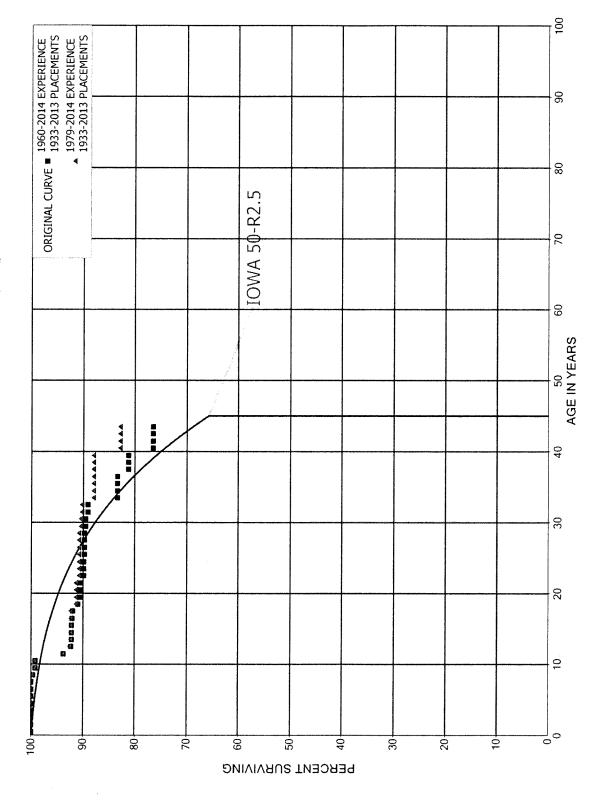
## ACCOUNT 344 GENERATORS

PLACEMENT	BAND 1974-2014		EXPERIENCE BAND 1979-2014			
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV	
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF	
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL	
0.0	46,396,017	98,844	0.0021	0.9979	100.00	
0.5	45,909,616		0.0000	1.0000	99.79	
1.5	45,873,064		0.0000	1.0000	99.79	
2.5	42,888,132		0.0000	1.0000	99.79	
3.5	42,906,202	4,726	0.0001	0.9999	99.79	
4.5	48,139,661	217,601	0.0045	0.9955	99.78	
5.5	47,837,251		0.0000	1.0000	99.32	
6.5	47,158,370	339,210	0.0072	0.9928	99.32	
7.5	46,174,999	97,312	0.0021	0.9979	98.61	
8.5	61,459,668	391,170	0.0064	0.9936	98.40	
9.5	43,419,710		0.0000	1.0000	97.78	
10.5	42,696,718	22,194	0.0005	0.9995	97.78	
11.5	40,340,212	117,049	0.0029	0.9971	97.73	
12.5	21,161,190	41,832	0.0020	0.9980	97.44	
13.5	19,659,438	100,927	0.0051	0.9949	97.25	
14.5	16,068,301		0.0000	1.0000	96.75	
15.5	16,341,219		0.0000	1.0000	96.75	
16.5	16,077,019		0.0000	1.0000	96.75	
17.5	16,055,822		0.0000	1.0000	96.75	
18.5	16,013,600		0.0000	1.0000	96.75	
19.5	15,993,111		0.0000	1.0000	96.75	
20.5	9,883,395	408,956	0.0414	0.9586	96.75	
21.5	9,469,389		0.0000	1.0000	92.75	
22.5	7,877,240	16,082	0.0020	0.9980	92.75	
23.5	7,272,965	1,499	0.0002	0.9998	92.56	
24.5	7,048,628	228,207	0.0324	0.9676	92.54	
25.5	6,575,076	87,585	0.0133	0.9867	89.54	
26.5	6,487,491		0.0000	1.0000	88.35	
27.5	3,112,775		0.0000	1.0000	88.35	
28.5	3,112,775		0.0000	1.0000	88.35	
29.5	3,103,809	51,221	0.0165	0.9835	88.35	
30.5	3,052,588		0.0000	1.0000	86.89	
31.5	3,052,588	41,712	0.0137	0.9863	86.89	
32.5	2,054,692		0.0000	1.0000	85.70	
33.5	2,054,692		0.0000	1.0000	85.70	
34.5	2,054,692		0.0000	1.0000	85.70	
35.5	2,054,692		0.0000	1.0000	85.70	
36.5	2,054,692		0.0000	1.0000	85.70	
37.5	2,054,692		0.0000	1.0000	85.70	
38.5	2,054,692		0.0000	1.0000	85.70	

### ACCOUNT 344 GENERATORS

PLACEMENT	BAND 1974-2014	EXPER	RIENCE BAN	D 1979-2014	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5	1,649,909		0.0000	1.0000	85.70 85.70

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### ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1933-2013		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5	28,658,609 28,660,188 28,102,543	7,000	0.0000 0.0002 0.0000	1.0000 0.9998 1.0000	100.00 100.00 99.98
2.5 3.5	27,156,207 26,946,188		0.0000 0.0000	1.0000	99.98 99.98
4.5 5.5 6.5	26,102,750 26,020,577 24,412,057	20,105	0.0000 0.0008 0.0000	1.0000 0.9992 1.0000	99.98 99.98 99.90
7.5 8.5	24,372,819 39,211,975	72,195 177,478	0.0030	0.9970 0.9955 1.0000	99.90 99.60 99.15
9.5 10.5 11.5 12.5	22,393,187 22,308,315 21,581,406 7,605,365	1,221,040 320,052 14,080	0.0000 0.0547 0.0148 0.0019	0.9453 0.9852 0.9981	99.15 99.15 93.72 92.33
13.5 14.5 15.5	6,136,306 3,803,863 3,339,682	141 3,888	0.0000 0.0000 0.0012	1.0000 1.0000 0.9988	92.16 92.16 92.16
16.5 17.5 18.5	3,134,671 3,067,805 2,984,971	3,285 34,762 14,574	0.0010 0.0113 0.0049	0.9990 0.9887 0.9951	92.05 91.96 90.91
19.5 20.5 21.5 22.5	3,286,147 2,240,596 2,238,861 2,223,725	1,735 13,588 201	0.0000 0.0008 0.0061 0.0001	1.0000 0.9992 0.9939 0.9999	90.47 90.47 90.40 89.85
23.5 24.5 25.5	2,223,524 1,383,624 1,265,374	1,583 546	0.0000 0.0011 0.0004	1.0000 0.9989 0.9996	89.84 89.84 89.74
26.5 27.5 28.5	1,288,976 1,144,792 1,146,136	159 2,744	0.0000 0.0001 0.0024	1.0000 0.9999 0.9976	89.70 89.70 89.69
29.5 30.5 31.5	1,175,510 1,175,510 1,169,454	6,056	0.0000 0.0052 0.0000	1.0000 0.9948 1.0000	89.48 89.48 89.01 89.01
32.5 33.5 34.5 35.5 36.5 37.5	496,817 472,803 440,685 440,685 440,685 428,740	31,058	0.0625 0.0000 0.0000 0.0000 0.0262 0.0000	0.9375 1.0000 1.0000 1.0000 0.9738 1.0000	83.45 83.45 83.45 83.45 81.26
38.5	379,019		0.0000	1.0000	81.26

### ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1933-2013		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	379,019 1,503 1,503 1,503	22,169	0.0585 0.0000 0.0000 0.0000	0.9415 1.0000 1.0000 1.0000	81.26 76.51 76.51 76.51 76.51
49.5					
50.5	00 560		0 0000		
51.5	90,562		0.0000		
52.5	90,562		0.0000		
53.5	90,562		0.0000		
54.5	164,300		0.0000		
55.5	164,300		0.0000		
56.5	73,738		0.0000		
57.5	73,738		0.0000		
58.5	73,738		0.0000		
59.5					

### ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1933-2013		EXPE	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	27,935,422	7,000	0.0000	1.0000	100.00
0.5	27,937,001		0.0003	0.9997	100.00
1.5	27,552,262		0.0000	1.0000	99.97
2.5	26,614,568		0.0000	1.0000	99.97
3.5	26,404,549		0.0000	1.0000	99.97
4.5	26,088,672		0.0000	1.0000	99.97
5.5 6.5 7.5 8.5	26,002,427 24,390,728 24,350,842 39,175,828	20,000 71,791 177,478	0.0008 0.0000 0.0029 0.0045	0.9992 1.0000 0.9971 0.9955	99.97 99.90 99.90 99.60
9.5	22,357,040	1,220,630	0.0000	1.0000	99.15
10.5	22,270,433		0.0548	0.9452	99.15
11.5	21,543,666		0.0142	0.9858	93.72
12.5	7,581,485	14,080	0.0019	0.9981	92.39
13.5	6,112,426		0.0000	1.0000	92.22
14.5	3,779,983		0.0000	1.0000	92.22
15.5	3,315,943		0.0000	1.0000	92.22
16.5 17.5 18.5	3,114,820 3,051,238 2,966,821	1 34,762	0.0000 0.0114 0.0000	1.0000 0.9886 1.0000	92.22 92.22 91.16
19.5	3,282,571	13,531	0.0000	1.0000	91.16
20.5	2,236,469		0.0000	1.0000	91.16
21.5	2,236,469		0.0061	0.9939	91.16
22.5	2,221,390		0.0000	1.0000	90.61
23.5	2,221,390		0.0000	1.0000	90.61
24.5 25.5 26.5 27.5 28.5	1,381,490 1,264,823 1,255,635 1,111,451 1,112,795	546 159 2,744	0.0000 0.0004 0.0000 0.0001 0.0025	1.0000 0.9996 1.0000 0.9999 0.9975	90.61 90.61 90.57 90.57 90.56
29.5 30.5 31.5 32.5 33.5 34.5	1,142,169 1,142,169 1,138,169 465,532 461,263 429,145	4,000	0.0000 0.0035 0.0000 0.0243 0.0000	1.0000 0.9965 1.0000 0.9757 1.0000	90.34 90.34 90.02 90.02 87.83 87.83
35.5	429,145		0.0000	1.0000	87.83
36.5	429,145		0.0000	1.0000	87.83
37.5	428,740		0.0000	1.0000	87.83
38.5	379,019		0.0000	1.0000	87.83

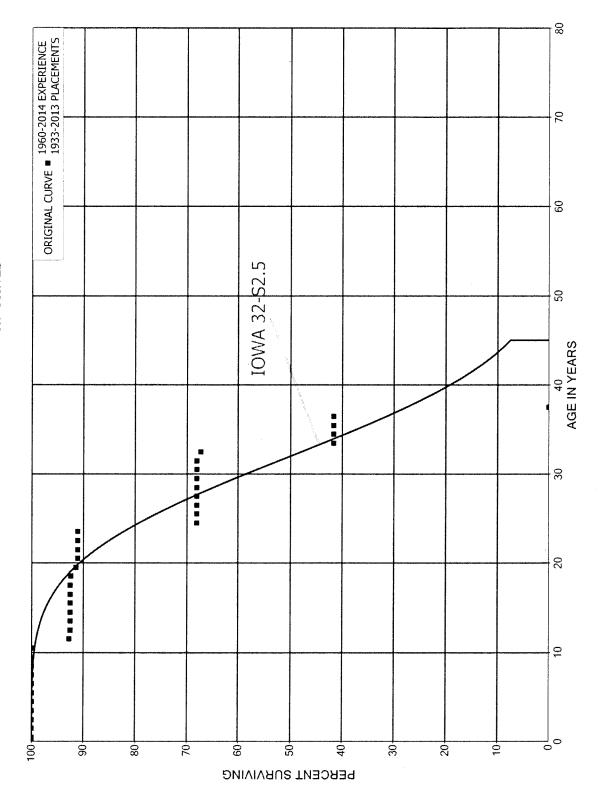
### ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

### ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1933-2013		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	379,019 1,503 1,503 1,503	22,169	0.0585 0.0000 0.0000 0.0000	0.9415 1.0000 1.0000 1.0000	87.83 82.70 82.70 82.70 82.70
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	90,562 90,562 90,562 164,300 164,300 73,738 73,738		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		

59.5

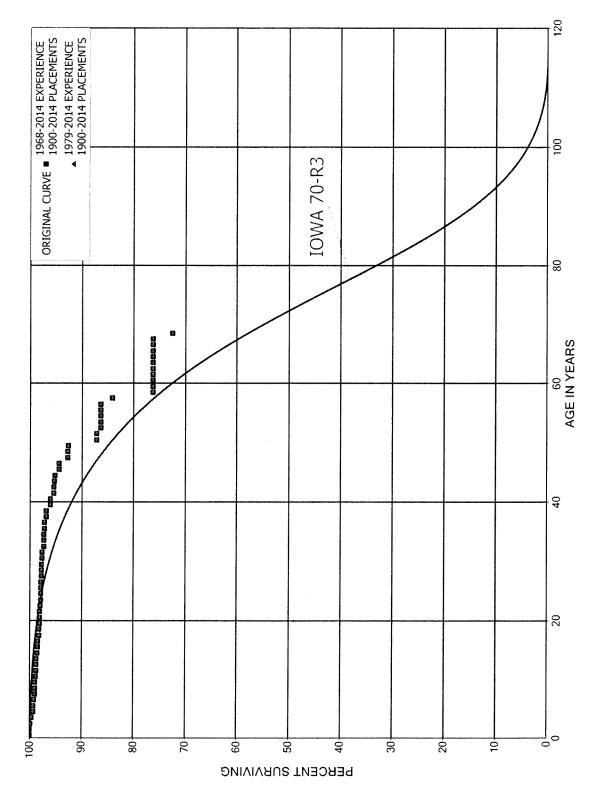
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ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT I	BAND 1933-2013		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	914,037 917,756 893,035 834,693 816,022 752,765 705,543 705,543 652,369 783,454		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	653,733 650,449 173,871 46,761 47,013 36,209 20,908 20,908 20,907 20,888	47,500 320 19 226	0.0000 0.0730 0.0018 0.0000 0.0000 0.0000 0.0000 0.0000 0.0009 0.0108	1.0000 0.9270 0.9982 1.0000 1.0000 1.0000 1.0000 0.9991 0.9892	100.00 100.00 92.70 92.53 92.53 92.53 92.53 92.53 92.53 92.53
19.5 20.5 21.5	20,662 572 643	90	0.0044 0.0000 0.0000	0.9956 1.0000 1.0000	91.44 91.04 91.04
22.5 23.5 24.5 25.5 26.5 27.5 28.5	643 643 481 71 6,127 6,127 6,127	162	0.0000 0.2519 0.0000 0.0000 0.0000 0.0000	1.0000 0.7481 1.0000 1.0000 1.0000 1.0000	91.04 91.04 68.11 68.11 68.11 68.11
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5	6,127 6,127 6,127 6,056 3,747 3,747 3,747	71 2,309 3,747	0.0000 0.0000 0.0116 0.3813 0.0000 0.0000 1.0000	1.0000 1.0000 0.9884 0.6187 1.0000 1.0000	68.11 68.11 68.11 67.32 41.65 41.65 41.65

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#### ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

PLACEMENT B	AND 1900-2014		EXPER	RIENCE BAN	D 1968-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	6,590,781		0.0000	1.0000	100.00
0.5	6,719,593	3,193	0.0005	0.9995	100.00
1.5	6,724,295	8,703	0.0013	0.9987	99.95
2.5	6,824,472	17,173	0.0025	0.9975	99.82
3.5	6,602,622	15,900	0.0024	0.9976	99.57
4.5	6,655,588	6,196	0.0009	0.9991	99.33
5.5	5,708,251	4,231	0.0007	0.9993	99.24
6.5	5,225,442	9,566	0.0018	0.9982	99.17
7.5	5,444,408	3,285	0.0006	0.9994	98.98
8.5	4,994,575	242	0.0000	1.0000	98.92
9.5	2,538,183	1,589	0.0006	0.9994	98.92
10.5	2,499,850	2,495	0.0010	0.9990	98.86
11.5	2,573,631		0.0000	1.0000	98.76
12.5	2,665,798	799	0.0003	0.9997	98.76
13.5	2,746,103	7,315	0.0027	0.9973	98.73
14.5	2,158,737	958	0.0004	0.9996	98.47
15.5	2,313,840	927	0.0004	0.9996	98.42
16.5	2,423,748	3,998	0.0016	0.9984	98.38
17.5	2,448,583	918	0.0004	0.9996	98.22
18.5	2,519,742	2,325	0.0009	0.9991	98.18
19.5	2,503,119	1,389	0.0006	0.9994	98.09
20.5	2,421,671		0.0000	1.0000	98.04
21.5	2,269,521	1,402	0.0006	0.9994	98.04
22.5	2,063,238	3,301	0.0016	0.9984	97.98
23.5	2,141,921		0.0000	1.0000	97.82
24.5	2,059,319	129	0.0001	0.9999	97.82
25.5	1,878,199	488	0.0003	0.9997	97.82
26.5	1,837,648	534	0.0003	0.9997	97.79
27.5	1,801,732	1,348	0.0007	0.9993	97.76
28.5	1,701,020	263	0.0002	0.9998	97.69
29.5	1,372,389	1,035	0.0008	0.9992	97.67
30.5	1,204,477	71	0.0001	0.9999	97.60
31.5	1,164,298	3,312	0.0028	0.9972	97.59
32.5	1,028,675		0.0000	1.0000	97.32
33.5	958,755	535	0.0006	0.9994	97.32
34.5	815,022	315	0.0004	0.9996	97.26
35.5	728,503	570	0.0008	0.9992	97.23
36.5	687,738	1,881	0.0027	0.9973	97.15
37.5	565,710		0.0000	1.0000	96.88
38.5	539,745	4,391	0.0081	0.9919	96.88

#### ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1968-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	463,924	353	0.0008	0.9992	96.10
40.5	459,236	3,193	0.0070	0.9930	96.02
41.5	451,125		0.0000	1.0000	95.35
42.5	433,752	293	0.0007	0.9993	95.35
43.5	348,232	353	0.0010	0.9990	95.29
44.5	281,452	2,214	0.0079	0.9921	95.19
45.5	241,223	186	0.0008	0.9992	94.44
46.5	202,737	3,638	0.0179	0.9821	94.37
47.5	166,202	1	0.0000	1.0000	92.68
48.5	151,530	108	0.0007	0.9993	92.68
49.5	150,673	8,824	0.0586	0.9414	92.61
50.5	125,576		0.0000	1.0000	87.19
51.5	119,296	1,070	0.0090	0.9910	87.19
52.5	109,940		0.0000	1.0000	86.41
53.5	78,426		0.0000	1.0000	86.41
54.5	33,741		0.0000	1.0000	86.41
55.5	28,695		0.0000	1.0000	86.41
56.5	14,397	378	0.0262	0.9738	86.41
57.5	10,460	971	0.0929	0.9071	84.14
58.5	9,398		0.0000	1.0000	76.33
59.5	24,878		0.0000	1.0000	76.33
60.5	24,013		0.0000	1.0000	76.33
61.5	23,531		0.0000	1.0000	76.33
62.5	22,177		0.0000	1.0000	76.33
63.5	22,177		0.0000	1.0000	76.33
64.5	22,029		0.0000	1.0000	76.33
65.5	22,854		0.0000	1.0000	76.33
66.5	22,854		0.0000	1.0000	76.33
67.5	22,854	1,139	0.0498	0.9502	76.33
68.5	18,814		0.0000	1.0000	72.52
69.5	18,814		0.0000	1.0000	72.52
70.5	18,546		0.0000	1.0000	72.52
71.5	18,546	847	0.0457	0.9543	72.52
72.5	17,699		0.0000	1.0000	69.21
73.5	17,699		0.0000	1.0000	69.21
74.5	17,699		0.0000	1.0000	69.21
75.5	17,699		0.0000	1.0000	69.21
76.5	16,714		0.0000	1.0000	69.21
77.5	16,714		0.0000	1.0000	69.21
78.5	16,674		0.0000	1.0000	69.21

### ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

### ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1968-2014
AGE AT BEGIN OF INTERVAL		RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	16,674 16,652		0.0000	1.0000	69.21 69.21 69.21
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5					
99.5 100.5 101.5	12,971 12,971 12,971		0.0000 0.0000 0.0000		

102.5

### ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	6,514,078		0.0000	1.0000	100.00
0.5	6,686,819	3,193	0.0005	0.9995	100.00
1.5	6,691,521	8,703	0.0013	0.9987	99.95
2.5	6,792,541	17,173	0.0025	0.9975	99.82
3.5	6,579,664	15,900	0.0024	0.9976	99.57
4.5	6,634,219	6,196	0.0009	0.9991	99.33
5.5	5,686,882	4,231	0.0007	0.9993	99.24
6.5	5,204,073	9,566	0.0018	0.9982	99.16
7.5	5,423,039	3,285	0.0006	0.9994	98.98
8.5	4,973,206	242	0.0000	1.0000	98.92
9.5	2,516,814	1,589	0.0006	0.9994	98.92
10.5	2,499,850	2,495	0.0010	0.9990	98.85
11.5	2,573,631		0.0000	1.0000	98.75
12.5	2,665,798	799	0.0003	0.9997	98.75
13.5	2,746,103	7,315	0.0027	0.9973	98.72
14.5	2,158,737	958	0.0004	0.9996	98.46
15.5	2,313,840	927	0.0004	0.9996	98.42
16.5	2,423,748	3,998	0.0016	0.9984	98.38
17.5	2,448,583	918	0.0004	0.9996	98.22
18.5	2,519,742	2,325	0.0009	0.9991	98.18
19.5	2,502,693	1,389	0.0006	0.9994	98.09
20.5	2,421,245		0.0000	1.0000	98.03
21.5	2,269,095	1,402	0.0006	0.9994	98.03
22.5	2,062,812	3,301	0.0016	0.9984	97.97
23.5	2,141,495		0.0000	1.0000	97.82
24.5	2,058,893	129	0.0001	0.9999	97.82
25.5	1,877,773	488	0.0003	0.9997	97.81
26.5	1,837,222	534	0.0003	0.9997	97.79
27.5	1,801,306	1,348	0.0007	0.9993	97.76
28.5	1,700,594	263	0.0002	0.9998	97.68
29.5	1,371,963	1,035	0.0008	0.9992	97.67
30.5	1,204,477	71	0.0001	0.9999	97.60
31.5	1,164,298	3,312	0.0028	0.9972	97.59
32.5	1,028,675		0.0000	1.0000	97.31
33.5	958,755	535	0.0006	0.9994	97.31
34.5	815,022	315	0.0004	0.9996	97.26
35.5	728,503	570	0.0008	0.9992	97.22
36.5	687,738	1,881	0.0027	0.9973	97.14
37.5	565,710		0.0000	1.0000	96.88
38.5	539,745	4,391	0.0081	0.9919	96.88

### ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

PLACEMENT E	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	463,924	353	0.0008	0.9992	96.09
40.5	459,236	3,193	0.0070	0.9930	96.02
41.5	451,125		0.0000	1.0000	95.35
42.5	433,752	293	0.0007	0.9993	95.35
43.5	348,232	353	0.0010	0.9990	95.29
44.5	281,452	2,214	0.0079	0.9921	95.19
45.5	241,223	186	0.0008	0.9992	94.44
46.5	202,737	3,638	0.0179	0.9821	94.37
47.5	166,202	1	0.0000	1.0000	92.67
48.5	151,530	108	0.0007	0.9993	92.67
49.5	150,673	8,824	0.0586	0.9414	92.61
50.5	125,576		0.0000	1.0000	87.18
51.5	119,296	1,070	0.0090	0.9910	87.18
52.5	109,940		0.0000	1.0000	86.40
53.5	78,426		0.0000	1.0000	86.40
54.5	33,741		0.0000	1.0000	86.40
55.5	28,695		0.0000	1.0000	86.40
56.5	14,397	378	0.0262	0.9738	86.40
57.5	10,460	971	0.0929	0.9071	84.13
58.5	9,398		0.0000	1.0000	76.32
59.5	24,878		0.0000	1.0000	76.32
60.5	24,013		0.0000	1.0000	76.32
61.5	23,531		0.0000	1.0000	76.32
62.5	22,177		0.0000	1.0000	76.32
63.5	22,177		0.0000	1.0000	76.32
64.5	22,029		0.0000	1.0000	76.32
65.5	22,854		0.0000	1.0000	76.32
66.5	22,854		0.0000	1.0000	76.32
67.5	22,854	1,139	0.0498	0.9502	76.32
68.5	18,814		0.0000	1.0000	72.52
69.5	18,814		0.0000	1.0000	72.52
70.5	18,546		0.0000	1.0000	72.52
71.5	18,546	847	0.0457	0.9543	72.52
72.5	17,699		0.0000	1.0000	69.21
73.5	17,699		0.0000	1.0000	69.21
74.5	17,699		0.0000	1.0000	69.21
75.5	17,699		0.0000	1.0000	69.21
76.5	16,714		0.0000	1.0000	69.21
77.5	16,714		0.0000	1.0000	69.21
78.5	16,674		0.0000	1.0000	69.21

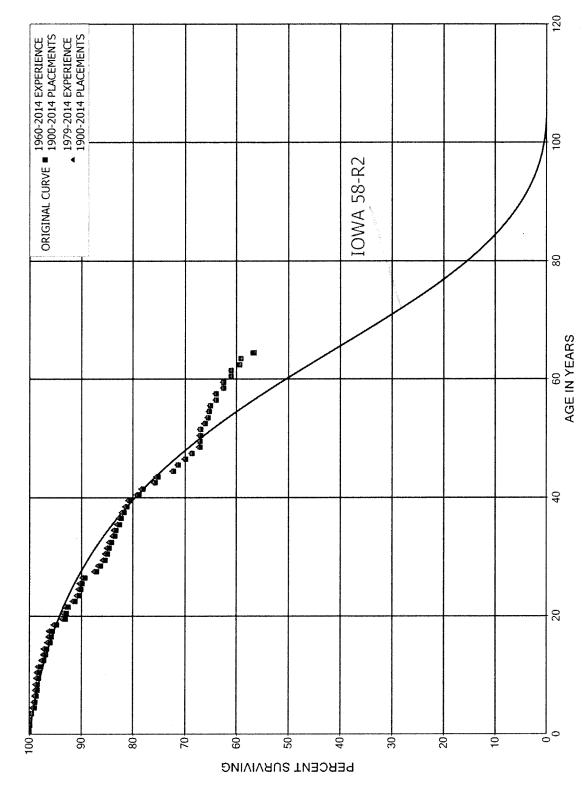
### ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

### ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
BEGIN OF	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 89.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5	16,674 16,652		0.0000	1.0000	69.21 69.21 69.21
98.5 99.5 100.5 101.5	12,971 12,971 12,971		0.0000 0.0000 0.0000		

102.5

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 353 STATION EQUIPMENT ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 353 STATION EQUIPMENT

PLACEMENT :	BAND 1900-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	154,553,739	40,259	0.0003	0.9997	100.00
0.5	151,469,445	144,588	0.0010	0.9990	99.97
1.5	136,043,110	126,786	0.0009	0.9991	99.88
2.5	126,797,932	333,539	0.0026	0.9974	99.79
3.5	121,344,072	648,874	0.0053	0.9947	99.52
4.5	108,188,040	217,339	0.0020	0.9980	98.99
5.5	109,418,515	244,888	0.0022	0.9978	98.79
6.5	101,729,904	126,426	0.0012	0.9988	98.57
7.5	101,046,802	102,726	0.0010	0.9990	98.45
8.5	98,686,853	161,146	0.0016	0.9984	98.35
9.5	79,927,141	134,897	0.0017	0.9983	98.19
10.5	75,870,066	198,603	0.0026	0.9974	98.02
11.5	76,940,191	469,661	0.0061	0.9939	97.77
12.5	72,337,497	254,298	0.0035	0.9965	97.17
13.5	69,164,026	146,666	0.0021	0.9979	96.83
14.5	58,476,994	374,342	0.0064	0.9936	96.62
15.5	62,252,962	175,903	0.0028	0.9972	96.00
16.5	59,503,955	113,135	0.0019	0.9981	95.73
17.5	57,032,540	469,776	0.0082	0.9918	95.55
18.5	56,523,567	980,215	0.0173	0.9827	94.76
19.5	53,901,890	147,285	0.0027	0.9973	93.12
20.5	53,612,299	187,183	0.0035	0.9965	92.86
21.5	51,100,551	768,833	0.0150	0.9850	92.54
22.5	46,838,991	415,296	0.0089	0.9911	91.15
23.5	47,648,645	144,502	0.0030	0.9970	90.34
24.5	43,339,916	134,892	0.0031	0.9969	90.07
25.5	40,081,391	241,792	0.0060	0.9940	89.79
26.5	38,184,924	914,556	0.0240	0.9760	89.24
27.5	36,607,832	360,582	0.0098	0.9902	87.11
28.5	33,355,287	324,240	0.0097	0.9903	86.25
29.5	31,065,451	188,195	0.0061	0.9939	85.41
30.5	28,117,434	96,840	0.0034	0.9966	84.89
31.5	27,932,112	153,696	0.0055	0.9945	84.60
32.5	26,120,006	194,801	0.0075	0.9925	84.14
33.5	25,154,415	76,498	0.0030	0.9970	83.51
34.5	22,593,586	165,296	0.0073	0.9927	83.25
35.5	21,640,844	100,108	0.0046	0.9954	82.64
36.5	19,614,845	133,497	0.0068	0.9932	82.26
37.5	15,784,940	110,789	0.0070	0.9930	81.70
38.5	14,370,062	100,112	0.0070	0.9930	81.13

### ACCOUNT 353 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	11,976,817	252,388	0.0211	0.9789	80.56
40.5	10,661,158	108,973	0.0102	0.9898	78.87
41.5	10,464,243	313,593	0.0300	0.9700	78.06
42.5	9,377,553	62,547	0.0067	0.9933	75.72
43.5	8,139,613	326,467	0.0401	0.9599	75.22
44.5	7,185,385	94,559	0.0132	0.9868	72.20
45.5	5,070,986	98,428	0.0194	0.9806	71.25
46.5	3,920,826	69,978	0.0178	0.9822	69.87
47.5	3,032,687	66,393	0.0219	0.9781	68.62
48.5	2,634,507	3,906	0.0015	0.9985	67.12
49.5	2,442,836	620	0.0003	0.9997	67.02
50.5	2,246,310	3,606	0.0016	0.9984	67.00
51.5	2,005,460	23,341	0.0116	0.9884	66.89
52.5	1,760,310	16,078	0.0091	0.9909	66.11
53.5	1,287,140	3,636	0.0028	0.9972	65.51
54.5	975,445	4,682	0.0048	0.9952	65.33
55.5	910,920	14,410	0.0158	0.9842	65.01
56.5	592,066	10	0.0000	1.0000	63.98
57.5	466,008	10,908	0.0234	0.9766	63.98
58.5	371,530	39	0.0001	0.9999	62.48
59.5	343,617	8,019	0.0233	0.9767	62.48
60.5	292,686	1	0.0000	1.0000	61.02
61.5	338,650	9,083	0.0268	0.9732	61.02
62.5	321,048	1,076	0.0034	0.9966	59.38
63.5	308,306	12,208	0.0396	0.9604	59.18
64.5	291,657		0.0000	1.0000	56.84
65.5	288,136		0.0000	1.0000	56.84
66.5	200,974		0.0000	1.0000	56.84
67.5	190,650	16,124	0.0846	0.9154	56.84
68.5	166,792		0.0000	1.0000	52.03
69.5	166,329	571	0.0034	0.9966	52.03
70.5	165,758		0.0000	1.0000	51.85
71.5	164,330	201	0.0012	0.9988	51.85
72.5	163,035	456	0.0028	0.9972	51.79
73.5	158,438	400	0.0025	0.9975	51.65
74.5	158,038	451	0.0029	0.9971	51.52
75.5	156,605		0.0000	1.0000	51.37
76.5	120,270		0.0000	1.0000	51.37
77.5	120,270		0.0000	1.0000	51.37
78.5	120,230		0.0000	1.0000	51.37

### ACCOUNT 353 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	119,968		0.0000	1.0000	51.37
80.5	119,968		0.0000	1.0000	51.37
81.5	34,465		0.0000	1.0000	51.37
82.5	34,324		0.0000	1.0000	51.37
83.5	34,324	2,904	0.0846	0.9154	51.37
84.5	31,420		0.0000	1.0000	47.02
85.5	31,420		0.0000	1.0000	47.02
86.5	31,420		0.0000	1.0000	47.02
87.5	31,420		0.0000	1.0000	47.02
88.5	31,420		0.0000	1.0000	47.02
89.5	31,420		0.0000	1.0000	47.02
90.5	31,420		0.0000	1.0000	47.02
91.5	31,420		0.0000	1.0000	47.02
92.5	31,420	31,420	1.0000		47.02
93.5					

#### ACCOUNT 353 STATION EQUIPMENT

PLACEMENT I	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	134,030,762	24,602	0.0002	0.9998	100.00
0.5	130,992,902	135,129	0.0010	0.9990	99.98
1.5	116,561,422	104,261	0.0009	0.9991	99.88
2.5	108,876,238	266,437	0.0024	0.9976	99.79
3.5	104,002,499	204,927	0.0020	0.9980	99.54
4.5	92,164,171	128,126	0.0014	0.9986	99.35
5.5	93,640,076	109,887	0.0012	0.9988	99.21
6.5	86,437,606	116,453	0.0013	0.9987	99.09
7.5	88,087,192	77,280	0.0009	0.9991	98.96
8.5	87,549,648	144,956	0.0017	0.9983	98.87
9.5	72,327,252	92,554	0.0013	0.9987	98.71
10.5	69,375,354	171,008	0.0025	0.9975	98.58
11.5	70,851,204	449,002	0.0063	0.9937	98.34
12.5	66,738,536	183,067	0.0027	0.9973	97.72
13.5	63,784,692	125,973	0.0020	0.9980	97.45
14.5	53,521,969	341,107	0.0064	0.9936	97.26
15.5	57,900,371	119,502	0.0021	0.9979	96.64
16.5	55,819,031	107,973	0.0019	0.9981	96.44
17.5	53,967,980	469,064	0.0087	0.9913	96.25
18.5	53,588,792	958,823	0.0179	0.9821	95.41
19.5	51,091,736	105,732	0.0021	0.9979	93.71
20.5	51,534,313	186,235	0.0036	0.9964	93.51
21.5	49,244,922	763,342	0.0155	0.9845	93.18
22.5	45,384,155	405,090	0.0089	0.9911	91.73
23.5	46,380,038	143,453	0.0031	0.9969	90.91
24.5	42,433,915	134,892	0.0032	0.9968	90.63
25.5	39,529,707	240,605	0.0061	0.9939	90.34
26.5	37,380,040	907,507	0.0243	0.9757	89.79
27.5	35,868,442	323,489	0.0090	0.9910	87.61
28.5	32,718,152	318,519	0.0097	0.9903	86.82
29.5	30,437,058	184,048	0.0060	0.9940	85.98
30.5	27,795,243	85,699	0.0031	0.9969	85.46
31.5	27,625,840	153,696	0.0056	0.9944	85.19
32.5	25,816,141	194,710	0.0075	0.9925	84.72
33.5	24,852,918	76,498	0.0031	0.9969	84.08
34.5	22,294,275	165,296	0.0074	0.9926	83.82
35.5	21,341,195	100,108	0.0047	0.9953	83.20
36.5	19,318,129	131,130	0.0068	0.9932	82.81
37.5	15,515,774	110,789	0.0071	0.9929	82.25
38.5	14,101,323	98,914	0.0070	0.9930	81.66

### ACCOUNT 353 STATION EQUIPMENT

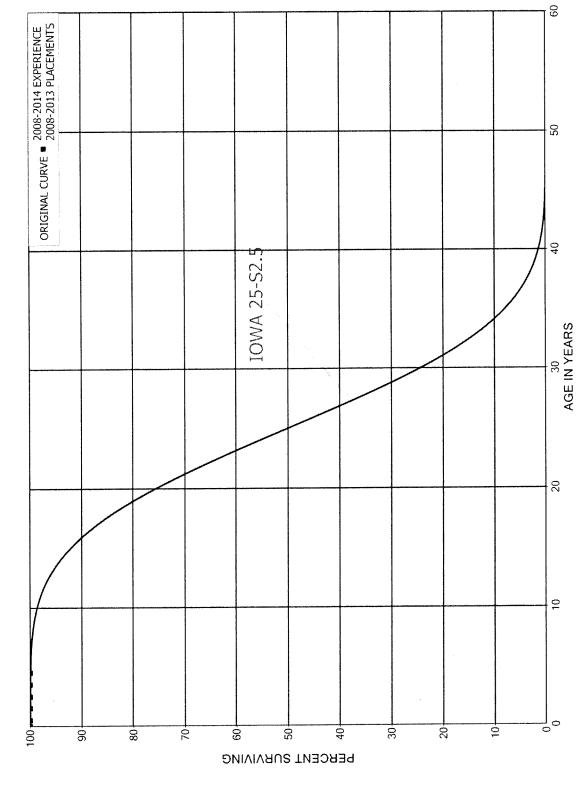
ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	11,709,332	252,388	0.0216	0.9784	81.09
40.5	10,397,885	108,973	0.0105	0.9895	79.34
41.5	10,201,821	312,395	0.0306	0.9694	78.51
42.5	9,116,329	61,926	0.0068	0.9932	76.11
43.5	7,880,311	325,078	0.0413	0.9587	75.59
44.5	7,148,556	94,559	0.0132	0.9868	72.47
45.5	5,061,414	98,428	0.0194	0.9806	71.51
46.5	3,910,798	69,978	0.0179	0.9821	70.12
47.5	3,025,704	66,393	0.0219	0.9781	68.87
48.5	2,628,620	3,906	0.0015	0.9985	67.36
49.5	2,441,809	620	0.0003	0.9997	67.26
50.5	2,245,283	3,606	0.0016	0.9984	67.24
51.5	2,004,433	23,341	0.0116	0.9884	67.13
52.5	1,759,283	16,078	0.0091	0.9909	66.35
53.5	1,286,113	3,636	0.0028	0.9972	65.74
54.5	974,989	4,682	0.0048	0.9952	65.56
55.5	910,464	14,410	0.0158	0.9842	65.24
56.5	591,610	10	0.0000	1.0000	64.21
57.5	465,552	10,908	0.0234	0.9766	64.21
58.5	368,170	39	0.0001	0.9999	62.70
59.5 60.5 61.5 62.5 63.5 64.5	308,837 257,906 303,870 286,268 273,526 256,877	8,019 1 9,083 1,076 12,208	0.0260 0.0000 0.0299 0.0038 0.0446 0.0000	0.9740 1.0000 0.9701 0.9962 0.9554 1.0000	62.70 61.07 61.07 59.24 59.02 56.39
65.5	253,812	16,124	0.0000	1.0000	56.39
66.5	166,650		0.0000	1.0000	56.39
67.5	156,326		0.1031	0.8969	56.39
68.5	132,468		0.0000	1.0000	50.57
69.5 70.5 71.5 72.5 73.5 74.5	132,005 131,434 130,006 128,711 124,114 123,714	571 201 456 400 451	0.0043 0.0000 0.0015 0.0035 0.0032 0.0036	0.9957 1.0000 0.9985 0.9965 0.9968 0.9964	50.57 50.35 50.35 50.27 50.10 49.93
75.5	122,281		0.0000	1.0000	49.75
76.5	85,946		0.0000	1.0000	49.75
77.5	88,850		0.0000	1.0000	49.75
78.5	120,230		0.0000	1.0000	49.75

### ACCOUNT 353 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	119,968		0.0000	1.0000	49.75
80.5	119,968		0.0000	1.0000	49.75
81.5	34,465		0.0000	1.0000	49.75
82.5	34,324		0.0000	1.0000	49.75
83.5	34,324	2,904	0.0846	0.9154	49.75
84.5	31,420		0.0000	1.0000	45.54
85.5	31,420		0.0000	1.0000	45.54
86.5	31,420		0.0000	1.0000	45.54
87.5	31,420		0.0000	1.0000	45.54
88.5	31,420		0.0000	1.0000	45.54
89.5	31,420		0.0000	1.0000	45.54
90.5	31,420		0.0000	1.0000	45.54
91.5	31,420		0.0000	1.0000	45.54
92.5	31,420	31,420	1.0000		45.54
93.5					

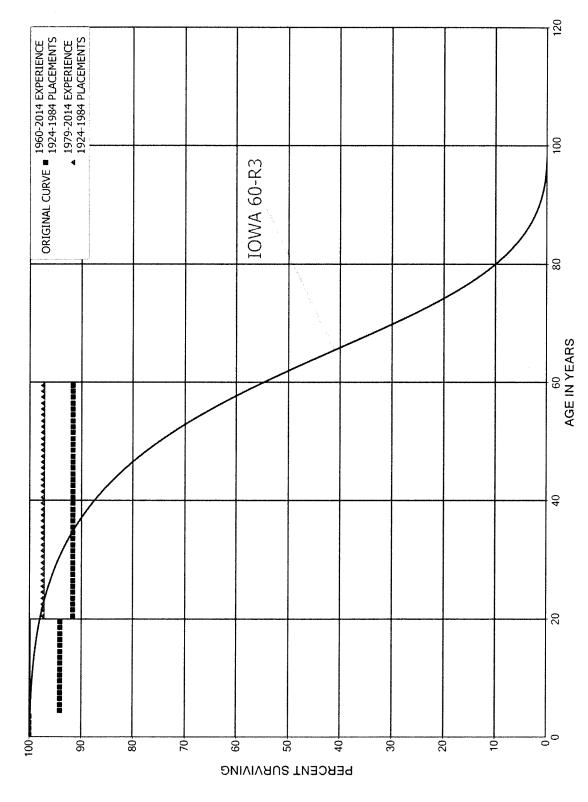
KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 353.03 STATION EQUIPMENT - COMMUNICATION
ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 353.03 STATION EQUIPMENT - COMMUNICATION

PLACEMENT :	BAND 2008-2013		EXPER	RIENCE BAN	D 2008-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	568,939 568,939 501,023 19,008 19,008		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00

KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 354 TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 354 TOWERS AND FIXTURES

PLACEMENT	BAND 1924-1984		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	307,713		0.0000	1.0000	100.00
0.5	307,720		0.0000	1.0000	100.00
1.5	307,713		0.0000	1.0000	100.00
2.5	345,157		0.0000	1.0000	100.00
3.5	347,074	20,536	0.0592	0.9408	100.00
4.5	326,538		0.0000	1.0000	94.08
5.5	326,108	•	0.0000	1.0000	94.08
6.5	326,108		0.0000	1.0000	94.08
7.5	326,108		0.0000	1.0000	94.08
8.5	326,108		0.0000	1.0000	94.08
9.5	326,108		0.0000	1.0000	94.08
10.5	326,108		0.0000	1.0000	94.08
11.5	326,108		0.0000	1.0000	94.08
12.5	326,108		0.0000	1.0000	94.08
13.5	326,108		0.0000	1.0000	94.08
14.5	326,108		0.0000	1.0000	94.08
15.5	326,108		0.0000	1.0000	94.08
16.5	326,108		0.0000	1.0000	94.08
17.5	326,108		0.0000	1.0000	94.08
18.5	326,108		0.0000	1.0000	94.08
19.5	326,108	8,504	0.0261	0.9739	94.08
20.5	317,604		0.0000	1.0000	91.63
21.5	317,604		0.0000	1.0000	91.63
22.5	317,604		0.0000	1.0000	91.63
23.5	391,463		0.0000	1.0000	91.63
24.5	391,463		0.0000	1.0000	91.63
25.5	391,463		0.0000	1.0000	91.63
26.5	391,463		0.0000	1.0000	91.63
27.5	317,604		0.0000	1.0000	91.63
28.5	317,604		0.0000	1.0000	91.63
29.5	317,604		0.0000	1.0000	91.63
30.5	210,171		0.0000	1.0000	91.63
31.5	210,171		0.0000	1.0000	91.63
32.5	210,171		0.0000	1.0000	91.63
33.5	210,171		0.0000	1.0000	91.63
34.5	210,171		0.0000	1.0000	91.63
35.5	216,207		0.0000	1.0000	91.63
36.5	216,207		0.0000	1.0000	91.63
37.5	216,207		0.0000	1.0000	91.63
38.5	216,207		0.0000	1.0000	91.63

#### ACCOUNT 354 TOWERS AND FIXTURES

PLACEMENT	BAND 1924-1984		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	200,204		0.0000	1.0000	91.63
40.5	126,345		0.0000	1.0000	91.63
41.5	126,345		0.0000	1.0000	91.63
42.5	126,345		0.0000	1.0000	91.63
43.5	126,345		0.0000	1.0000	91.63
44.5	126,345		0.0000	1.0000	91.63
45.5	126,345		0.0000	1.0000	91.63
46.5	126,345		0.0000	1.0000	91.63
47.5	126,345		0.0000	1.0000	91.63
48.5	126,345		0.0000	1.0000	91.63
49.5	126,345		0.0000	1.0000	91.63
50.5	126,345		0.0000	1.0000	91.63
51.5	126,345		0.0000	1.0000	91.63
52.5	126,345		0.0000	1.0000	91.63
53.5	80,180		0.0000	1.0000	91.63
54.5	24,861		0.0000	1.0000	91.63
55.5	24,861		0.0000	1.0000	91.63
56.5	24,861		0.0000	1.0000	91.63
57.5	7,953		0.0000	1.0000	91.63
58.5	6,036		0.0000	1.0000	91.63
59.5	6,036		0.0000	1.0000	91.63
60.5	6,036		0.0000	1.0000	91.63
61.5	6,036		0.0000	1.0000	91.63
62.5	6,036		0.0000	1.0000	91.63
63.5	6,036		0.0000	1.0000	91.63
64.5	6,036		0.0000	1.0000	91.63
65.5	6,036		0.0000	1.0000	91.63
66.5	6,036		0.0000	1.0000	91.63
67.5	6,036		0.0000	1.0000	91.63
68.5	6,036		0.0000	1.0000	91.63
69.5	6,036		0.0000		91.63
70.5	6,036		0.0000	1.0000	91.63
71.5	6,036		0.0000	1.0000	91.63
72.5	6,036		0.0000	1.0000	91.63
73.5	6,036		0.0000	1.0000	91.63
74.5	6,036		0.0000	1.0000	91.63
75.5	6,036		0.0000	1.0000	91.63
76.5	6,036		0.0000	1.0000	91.63
77.5	6,036		0.0000	1.0000	91.63
78.5	6,036		0.0000	1.0000	91.63

### ACCOUNT 354 TOWERS AND FIXTURES

PLACEMENT BAND 1924-1984 EXPERIENCE BAND 1960-20					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	6,036		0.0000	1.0000	91.63
80.5	6,036		0.0000	1.0000	91.63
81.5	6,036		0.0000	1.0000	91.63
82.5	6,036		0.0000	1.0000	91.63
83.5	6,036		0.0000	1.0000	91.63
84.5	6,036		0.0000	1.0000	91.63
85.5	6,036		0.0000	1.0000	91.63
86.5	6,036		0.0000	1.0000	91.63
87.5	6,036		0.0000	1.0000	91.63
88.5	6,036		0.0000	1.0000	91.63
89.5 90.5	6,036		0.0000	1.0000	91.63 91.63

### ACCOUNT 354 TOWERS AND FIXTURES

PLACEMENT	BAND 1924-1984		EXPE	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5	115,937 115,944 115,937 115,937 131,940 131,940 131,940 131,940 205,799 205,799		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	205,799 205,799 205,799 205,799 205,799 205,799 251,964 307,283		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	307,283 298,779 315,687 317,604 391,463 391,463 391,463 391,463 317,604	8,504	0.0277 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9723 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 97.23 97.23 97.23 97.23 97.23 97.23 97.23 97.23
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	317,604 210,171 210,171 210,171 210,171 210,171 210,171 210,171 210,171 210,171		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	97.23 97.23 97.23 97.23 97.23 97.23 97.23 97.23 97.23

#### ACCOUNT 354 TOWERS AND FIXTURES

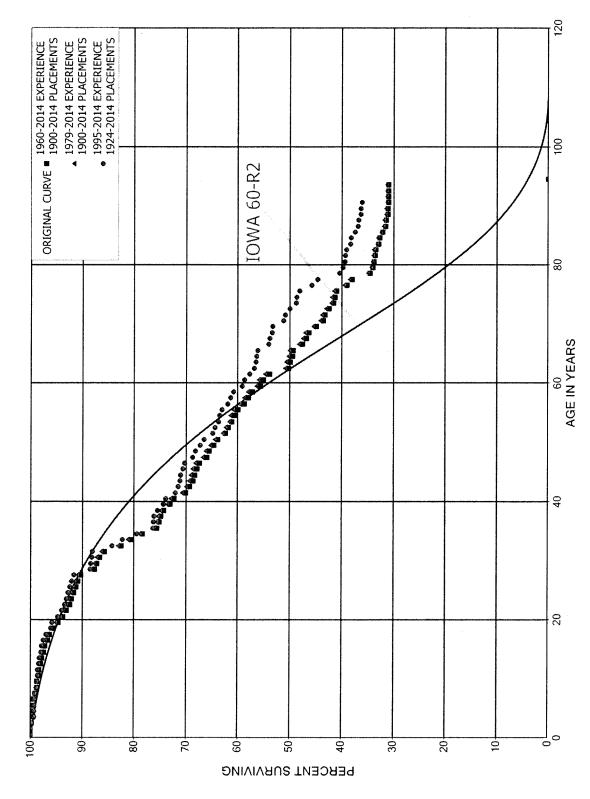
PLACEMENT I	BAND 1924-1984		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	194,168		0.0000	1.0000	97.23
40.5	120,309		0.0000	1.0000	97.23
41.5	120,309		0.0000	1.0000	97.23
42.5	120,309		0.0000	1.0000	97.23
43.5	120,309		0.0000	1.0000	97.23
44.5	120,309		0.0000	1.0000	97.23
45.5	120,309		0.0000	1.0000	97.23
46.5	120,309		0.0000	1.0000	97.23
47.5	120,309		0.0000	1.0000	97.23
48.5	120,309		0.0000	1.0000	97.23
49.5	120,309		0.0000	1.0000	97.23
50.5	120,309		0.0000	1.0000	97.23
51.5	120,309		0.0000	1.0000	97.23
52.5	120,309		0.0000	1.0000	97.23
53.5	74,144		0.0000	1.0000	97.23
54.5	24,861		0.0000	1.0000	97.23
55.5	24,861		0.0000	1.0000	97.23
56.5	24,861		0.0000	1.0000	97.23
57.5	7,953		0.0000	1.0000	97.23
58.5	6,036		0.0000	1.0000	97.23
59.5	6,036		0.0000	1.0000	97.23
60.5	6,036		0.0000	1.0000	97.23
61.5	6,036		0.0000	1.0000	97.23
62.5	6,036		0.0000	1.0000	97.23
63.5	6,036		0.0000	1.0000	97.23
64.5	6,036		0.0000	1.0000	97.23
65.5	6,036		0.0000	1.0000	97.23
66.5	6,036		0.0000	1.0000	97.23
67.5	6,036		0.0000	1.0000	97.23
68.5	6,036		0.0000	1.0000	97.23
69.5	6,036		0.0000	1.0000	97.23
70.5	6,036		0.0000	1.0000	97.23
71.5	6,036			1.0000	97.23
72.5	6,036		0.0000	1.0000	97.23
73.5	6,036		0.0000	1.0000	97.23
74.5	6,036		0.0000	1.0000	97.23
75.5	6,036		0.0000	1.0000	97.23
76.5	6,036		0.0000	1.0000	97.23
77.5	6,036		0.0000	1.0000	97.23
78.5	6,036		0.0000	1.0000	97.23

#### ACCOUNT 354 TOWERS AND FIXTURES

#### ORIGINAL LIFE TABLE, CONT.

#### PLACEMENT BAND 1924-1984 EXPERIENCE BAND 1979-2014 PCT SURV AGE AT EXPOSURES AT RETIREMENTS DURING AGE SURV BEGIN OF BEGIN OF BEGINNING OF RETMT RATIO INTERVAL RATIO INTERVAL INTERVAL AGE INTERVAL 97.23 79.5 6,036 0.0000 1.0000 80.5 6,036 0.0000 1.0000 97.23 0.0000 1.0000 97.23 81.5 6,036 0.0000 97.23 82.5 6,036 1.0000 97.23 6,036 0.0000 1.0000 83.5 0.0000 1.0000 97.23 6,036 84.5 0.0000 97.23 1.0000 85.5 6,036 0.0000 1.0000 97.23 86.5 6,036 6,036 0.0000 1.0000 97.23 87.5 97.23 0.0000 1.0000 6,036 88.5 97.23 0.0000 1.0000 6,036 89.5 97.23 90.5

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ACCOUNT 355 POLES AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



#### ACCOUNT 355 POLES AND FIXTURES

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	110,662,968	28,811	0.0003	0.9997	100.00
0.5	105,800,157	74,908	0.0007	0.9993	99.97
1.5	103,801,390	181,156	0.0017	0.9983	99.90
2.5	99,305,996	327,877	0.0033	0.9967	99.73
3.5	96,268,563	38,216	0.0004	0.9996	99.40
4.5	91,753,348	54,578	0.0006	0.9994	99.36
5.5	90,324,740	58,342	0.0006	0.9994	99.30
6.5	84,722,799	155,651	0.0018	0.9982	99.24
7.5	81,223,105	239,925	0.0030	0.9970	99.05
8.5	79,177,375	69,299	0.0009	0.9991	98.76
9.5	66,557,925	208,562	0.0031	0.9969	98.68
10.5	59,431,762	60,104	0.0010	0.9990	98.37
11.5	58,840,518	176,744	0.0030	0.9970	98.27
12.5	51,903,615	135,893	0.0026	0.9974	97.97
13.5	50,013,754	139,800	0.0028	0.9972	97.72
14.5	39,570,026	104,250	0.0026	0.9974	97.44
15.5	39,239,421	235,374	0.0060	0.9940	97.19
16.5	38,127,120	143,087	0.0038	0.9962	96.60
17.5	37,100,224	280,162	0.0076	0.9924	96.24
18.5	35,111,714	320,821	0.0091	0.9909	95.51
19.5	34,049,838	341,049	0.0100	0.9900	94.64
20.5	32,890,531	208,045	0.0063	0.9937	93.69
21.5	32,151,803	226,904	0.0071	0.9929	93.10
22.5	31,315,512	142,863	0.0046	0.9954	92.44
23.5	28,861,779	124,462	0.0043	0.9957	92.02
24.5	27,308,799	138,313	0.0051	0.9949	91.62
25.5	24,006,293	100,001	0.0042	0.9958	91.16
26.5	23,760,332	140,461	0.0059	0.9941	90.78
27.5	22,897,026	671,957	0.0293	0.9707	90.24
28.5	21,444,698	113,523	0.0053	0.9947	87.60
29.5	18,745,932	111,094	0.0059	0.9941	87.13
30.5	16,055,577	166,635	0.0104	0.9896	86.62
31.5	17,859,970	667,016	0.0373	0.9627	85.72
32.5	16,483,299	370,096	0.0225	0.9775	82.52
33.5	15,115,466	430,960	0.0285	0.9715	80.66
34.5	14,048,236	502,211	0.0357	0.9643	78.36
35.5	12,691,652	73,182	0.0058	0.9942	75.56
36.5	12,644,644	41,232	0.0033	0.9967	75.13
37.5	12,008,235	103,620	0.0086	0.9914	74.88
38.5	11,429,681	187,769	0.0164	0.9836	74.23

### ACCOUNT 355 POLES AND FIXTURES

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	10,144,855	100,172	0.0099	0.9901	73.01
40.5	9,756,262	304,647	0.0312	0.9688	72.29
41.5	8,876,542	101,883	0.0115	0.9885	70.04
42.5	8,321,354	67,785	0.0081	0.9919	69.23
43.5	8,177,142	44,937	0.0055	0.9945	68.67
44.5	5,906,044	35,033	0.0059	0.9941	68.29
45.5	5,848,796	44,196	0.0076	0.9924	67.89
46.5	5,705,954	118,532	0.0208	0.9792	67.37
47.5	5,574,130	42,172	0.0076	0.9924	65.97
48.5	3,293,211	41,613	0.0126	0.9874	65.47
49.5	3,229,869	41,428	0.0128	0.9872	64.65
50.5	3,173,902	69,798	0.0220	0.9780	63.82
51.5	3,093,051	28,077	0.0091	0.9909	62.41
52.5	3,059,964	33,482	0.0109	0.9891	61.85
53.5	2,117,475	24,098	0.0114	0.9886	61.17
54.5	2,085,192	19,948	0.0096	0.9904	60.48
55.5	2,032,425	39,090	0.0192	0.9808	59.90
56.5	1,647,538	23,466	0.0142	0.9858	58.74
57.5	1,596;377	20,260	0.0127	0.9873	57.91
58.5	1,575,289	44,019	0.0279	0.9721	57.17
59.5	874,434	7,968	0.0091	0.9909	55.58
60.5	858,619	18,565	0.0216	0.9784	55.07
61.5	673,546	46,754	0.0694	0.9306	53.88
62.5	626,504	3,401	0.0054	0.9946	50.14
63.5	624,625	5,871	0.0094	0.9906	49.87
64.5	561,906	1,884	0.0034	0.9966	49.40
65.5	559,654	19,958	0.0357	0.9643	49.23
66.5	193,233	3,091	0.0160	0.9840	47.48
67.5	188,175	1,808	0.0096	0.9904	46.72
68.5	145,134	4,533	0.0312	0.9688	46.27
69.5	140,432	4,138	0.0295	0.9705	44.82
70.5	136,294	898	0.0066	0.9934	43.50
71.5	135,285	2,514	0.0186	0.9814	43.22
72.5	166,430	3,701	0.0222	0.9778	42.41
73.5	166,716	720	0.0043	0.9957	41.47
74.5	165,982	1,518	0.0091	0.9909	41.29
75.5	164,464	8,021	0.0488	0.9512	40.91
76.5	156,428	3,852	0.0246	0.9754	38.92
77.5	107,710	9,806	0.0910	0.9090	37.96
78.5	96,765	1,672	0.0173	0.9827	34.50

### ACCOUNT 355 POLES AND FIXTURES

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	95,092 93,717 93,264 92,373 90,342 88,543 86,163 78,149 77,929 77,042	610 407 374 1,737 394 1,679 1,304 219 888	0.0064 0.0043 0.0040 0.0188 0.0044 0.0190 0.0151 0.0028 0.0114 0.0000	0.9936 0.9957 0.9960 0.9812 0.9956 0.9810 0.9849 0.9972 0.9886 1.0000	33.91 33.69 33.54 33.41 32.78 32.64 32.02 31.53 31.45 31.09
89.5 90.5 91.5 92.5 93.5 94.5	42,436 2,965 2,965 2,965 2,965	201	0.0047 0.0000 0.0000 0.0000 1.0000	0.9953 1.0000 1.0000 1.0000	31.09 30.94 30.94 30.94 30.94

### ACCOUNT 355 POLES AND FIXTURES

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	96,933,522	18,469	0.0002	0.9998	100.00
0.5	93,930,408	73,799	0.0008	0.9992	99.98
1.5	92,102,735	167,150	0.0018	0.9982	99.90
2.5	88,062,053	295,439	0.0034	0.9966	99.72
3.5	86,430,862	31,906	0.0004	0.9996	99.39
4.5	81,318,385	45,620	0.0006	0.9994	99.35
5.5	80,500,640	24,211	0.0003	0.9997	99.29
6.5	75,289,919	129,322	0.0017	0.9983	99.26
7.5	71,669,255	224,388	0.0031	0.9969	99.09
8.5	72,197,334	57,140	0.0008	0.9992	98.78
9.5	59,848,715	176,677	0.0030	0.9970	98.71
10.5	54,321,292	36,064	0.0007	0.9993	98.41
11.5	53,917,798	125,904	0.0023	0.9977	98.35
12.5	47,406,992	84,728	0.0018	0.9982	98.12
13.5	45,622,561	124,250	0.0027	0.9973	97.94
14.5	35,460,220	80,231	0.0023	0.9977	97.68
15.5	35,163,017	196,662	0.0056	0.9944	97.46
16.5	34,420,318	135,760	0.0039	0.9961	96.91
17.5	33,838,062	238,884	0.0071	0.9929	96.53
18.5	31,793,809	291,077	0.0092	0.9908	95.85
19.5	30,841,232	321,290	0.0104	0.9896	94.97
20.5	30,366,384	195,488	0.0064	0.9936	93.98
21.5	29,715,474	179,790	0.0061	0.9939	93.38
22.5	28,777,176	101,375	0.0035	0.9965	92.81
23.5	27,509,138	108,513	0.0039	0.9961	92.48
24.5	26,000,762	135,001	0.0052	0.9948	92.12
25.5	23,021,008	95,871	0.0042	0.9958	91.64
26.5	22,605,258	127,091	0.0056	0.9944	91.26
27.5	21,771,849	655,992	0.0301	0.9699	90.75
28.5	20,563,414	107,585	0.0052	0.9948	88.01
29.5	17,872,736	99,402	0.0056	0.9944	87.55
30.5	15,555,775	152,588	0.0098	0.9902	87.06
31.5	17,364,310	657,505	0.0379	0.9621	86.21
32.5	16,105,583	361,115	0.0224	0.9776	82.95
33.5	14,747,462	425,640	0.0289	0.9711	81.09
34.5	13,688,809	485,175	0.0354	0.9646	78.75
35.5	12,228,814	67,297	0.0055	0.9945	75.95
36.5	12,184,783	34,978	0.0029	0.9971	75.54
37.5	11,601,916	98,984	0.0085	0.9915	75.32
38.5	11,030,068	175,467	0.0159	0.9841	74.68

## ACCOUNT 355 POLES AND FIXTURES

PLACEMENT I	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	9,757,692	84,311	0.0086	0.9914	73.49
40.5	9,386,403	287,659	0.0306	0.9694	72.85
41.5	8,621,129	97,227	0.0113	0.9887	70.62
42.5	8,084,395	57,665	0.0071	0.9929	69.82
43.5	7,950,548	39,316	0.0049	0.9951	69.33
44.5	5,606,695	34,291	0.0061	0.9939	68.98
45.5	5,620,630	43,290	0.0077	0.9923	68.56
46.5	5,471,190	118,140	0.0216	0.9784	68.03
47.5	5,340,133	42,080	0.0079	0.9921	66.57
48.5	3,061,314	41,289	0.0135	0.9865	66.04
49.5	3,003,796	41,026	0.0137	0.9863	65.15
50.5	2,963,677	69,749	0.0235	0.9765	64.26
51.5	2,882,875	24,704	0.0086	0.9914	62.75
52.5	2,853,161	32,664	0.0114	0.9886	62.21
53.5	1,911,490	7,433	0.0039	0.9961	61.50
54.5	2,085,159	19,948	0.0096	0.9904	61.26
55.5	2,032,392	39,090	0.0192	0.9808	60.67
56.5	1,647,505	23,466	0.0142	0.9858	59.51
57.5	1,596,344	20,260	0.0127	0.9873	58.66
58.5	1,575,256	44,019	0.0279	0.9721	57.91
59.5	871,436	7,968	0.0091	0.9909	56.30
60.5	855,621	18,565	0.0217	0.9783	55.78
61.5	670,548	46,754	0.0697	0.9303	54.57
62.5	623,506	3,401	0.0055	0.9945	50.77
63.5	621,627	5,871	0.0094	0.9906	50.49
64.5	558,908	1,884	0.0034	0.9966	50.01
65.5	556,656	19,958	0.0359	0.9641	49.84
66.5	190,235	3,091	0.0162	0.9838	48.06
67.5	185,177	1,808	0.0098	0.9902	47.28
68.5	142,136	4,533	0.0319	0.9681	46.81
69.5	137,467	4,138	0.0301	0.9699	45.32
70.5	133,329		0.0067		43.96
71.5	132,320	2,514	0.0190	0.9810	43.66
72.5	163,465	3,701	0.0226	0.9774	42.83
73.5	163,751	720	0.0044	0.9956	41.86
74.5	163,017	1,518	0.0093	0.9907	41.68
75.5	161,499	8,021	0.0497	0.9503	41.29
76.5	153,463	3,852	0.0251	0.9749	39.24
77.5	104,745	9,806	0.0936	0.9064	38.25
78.5	96,765	1,672	0.0173	0.9827	34.67

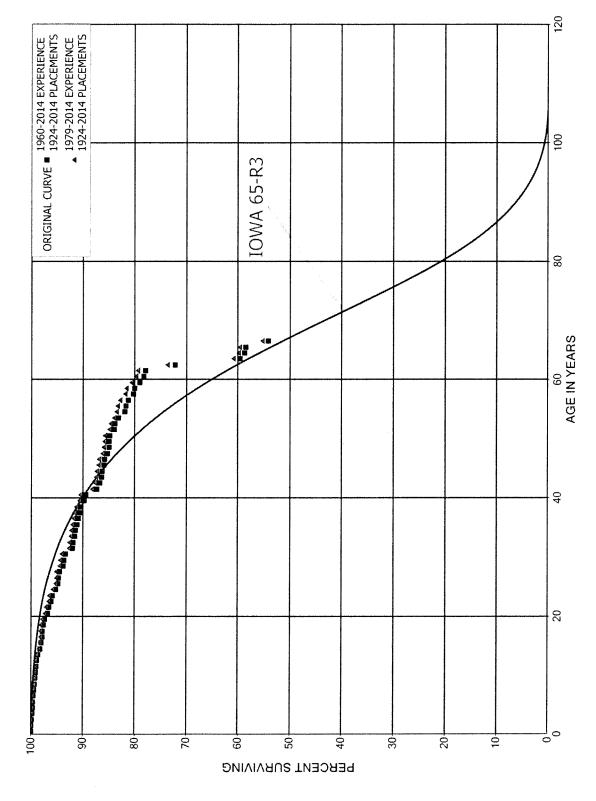
## ACCOUNT 355 POLES AND FIXTURES

## ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	95,092	610	0.0064	0.9936	34.07
80.5	93,717	407	0.0043	0.9957	33.85
81.5	93,264	374	0.0040	0.9960	33.71
82.5	92,373	1,737	0.0188	0.9812	33.57
83.5	90,342	394	0.0044	0.9956	32.94
84.5	88,543	1,679	0.0190	0.9810	32.80
85.5	86,163	1,304	0.0151	0.9849	32.18
86.5	78,149	219	0.0028	0.9972	31.69
87.5	77,929	888	0.0114	0.9886	31.60
88.5	77,042		0.0000	1.0000	31.24
89.5	42,436	201	0.0047	0.9953	31.24
90.5	2,965		0.0000	1.0000	31.09
91.5	2,965		0.0000	1.0000	31.09
92.5	2,965		0.0000	1.0000	31.09
93.5	2,965	2,965	1.0000		31.09

94.5

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## ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT 1	BAND 1924-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	73,737,385	4,621	0.0001	0.9999	100.00
0.5	72,508,690	66,034	0.0009	0.9991	99.99
1.5	71,890,304	43,932	0.0006	0.9994	99.90
2.5	66,544,086	73,664	0.0011	0.9989	99.84
3.5	62,745,691	49,811	0.0008	0.9992	99.73
4.5	58,712,319	24,154	0.0004	0.9996	99.65
5.5	57,764,217	61,092	0.0011	0.9989	99.61
6.5	56,925,596	87,881	0.0015	0.9985	99.51
7.5	56,064,230	56,211	0.0010	0.9990	99.35
8.5	54,953,961	33,133	0.0006	0.9994	99.25
9.5	51,749,804	61,364	0.0012	0.9988	99.19
10.5	49,891,053	87,526	0.0018	0.9982	99.07
11.5	49,897,588	42,231	0.0008	0.9992	98.90
12.5	48,357,918	83,230	0.0017	0.9983	98.82
13.5	44,256,194	199,785	0.0045	0.9955	98.65
14.5	41,562,110	84,301	0.0020	0.9980	98.20
15.5	41,401,604	111,186	0.0027	0.9973	98.00
16.5	40,971,064	26,725	0.0007	0.9993	97.74
17.5	39,678,698	70,274	0.0018	0.9982	97.68
18.5	38,545,070	104,003	0.0027	0.9973	97.50
19.5	35,993,258	170,805	0.0047	0.9953	97.24
20.5	35,021,397	88,484	0.0025	0.9975	96.78
21.5	34,593,869	185,537	0.0054	0.9946	96.53
22.5	33,790,299	73,394	0.0022	0.9978	96.02
23.5	30,362,163	207,346	0.0068	0.9932	95.81
24.5	29,336,745	144,867	0.0049	0.9951	95.15
25.5	26,049,803	33,357	0.0013	0.9987	94.68
26.5	25,725,577	38,519	0.0015	0.9985	94.56
27.5	24,783,395	179,508	0.0072	0.9928	94.42
28.5	23,672,716	24,690	0.0010	0.9990	93.74
29.5	20,482,399	79,920	0.0039	0.9961	93.64
30.5	16,468,091	240,234	0.0146	0.9854	93.27
31.5	18,970,465	19,819	0.0010	0.9990	91.91
32.5	17,828,861	55,065	0.0031	0.9969	91.82
33.5	16,644,690	22,239	0.0013	0.9987	91.53
34.5	16,172,003	63,061	0.0039	0.9961	91.41
35.5	14,542,940	35,914	0.0025	0.9975	91.05
36.5	14,675,022	31,936	0.0022	0.9978	90.83
37.5	13,756,768	43,621	0.0032	0.9968	90.63
38.5	12,902,575	90,605	0.0070	0.9930	90.34

## ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1924-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	11,468,669	33,589	0.0029	0.9971	89.71
40.5	11,204,913	267,138	0.0238	0.9762	89.45
41.5	10,259,419	69,094	0.0067	0.9933	87.31
42.5	9,656,764	33,697	0.0035	0.9965	86.73
43.5	9,570,532	18,393	0.0019	0.9981	86.42
44.5	7,538,599	27,461	0.0036	0.9964	86.26
45.5	7,190,575	12,018	0.0017	0.9983	85.94
46.5	7,072,039	46,681	0.0066	0.9934	85.80
47.5	7,007,135	21,581	0.0031	0.9969	85.23
48.5	3,758,462	1,943	0.0005	0.9995	84.97
49.5	3,732,722	6,339	0.0017	0.9983	84.93
50.5	3,713,361	37,241	0.0100	0.9900	84.78
51.5	3,652,286	6,038	0.0017	0.9983	83.93
52.5	3,638,498	28,716	0.0079	0.9921	83.79
53.5	2,391,218	34,166	0.0143	0.9857	83.13
54.5	2,337,275	7,181	0.0031	0.9969	81.95
55.5	2,247,440	10,359	0.0046	0.9954	81.69
56.5	1,777,261	21,921	0.0123	0.9877	81.32
57.5	1,681,541	5,765	0.0034	0.9966	80.31
58.5	1,673,872	20,458	0.0122	0.9878	80.04
59.5	920,190	9,624	0.0105	0.9895	79.06
60.5	900,738	3,646	0.0040	0.9960	78.23
61.5	757,075	55,555	0.0734	0.9266	77.92
62.5	697,987	121,126	0.1735	0.8265	72.20
63.5	567,318	8,984	0.0158	0.9842	59.67
64.5	634,311	2,598	0.0041	0.9959	58.72
65.5	631,461	46,573	0.0738	0.9262	58.48
66.5	218,179	9,887	0.0453	0.9547	54.17
67.5	205,862	1,265	0.0061	0.9939	51.72
68.5	152,741	12,874	0.0843	0.9157	51.40
69.5	141,947	576	0.0041	0.9959	47.07
70.5	141,288	1,955	0.0138	0.9862	46.88
71.5	139,333	814	0.0058	0.9942	46.23
72.5	138,098	706	0.0051	0.9949	45.96
73.5	157,850	162	0.0010	0.9990	45.72
74.5	157,229	59	0.0004	0.9996	45.67
75.5	157,103	9,366	0.0596	0.9404	45.66
76.5	142,781	715	0.0050	0.9950	42.94
77.5	91,114	4,833	0.0530	0.9470	42.72
78.5	86,281	1,566	0.0182	0.9818	40.45

## ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1924-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5	84,715 83,663 83,257 82,509 81,795 78,811 77,857 74,987 68,851	129 359 393 714 2,232 182	0.0015 0.0043 0.0047 0.0087 0.0273 0.0023 0.0000 0.0818 0.0000	0.9985 0.9957 0.9953 0.9913 0.9727 0.9977 1.0000 0.9182 1.0000	39.72 39.66 39.49 39.30 38.96 37.90 37.81 37.81
88.5 89.5 90.5	68,851 68,851		0.0000	1.0000	34.72 34.72 34.72

## ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1924-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	58,807,332	1,160	0.0000	1.0000	100.00
0.5	59,032,498	66,034	0.0011	0.9989	100.00
1.5	58,753,316	37,255	0.0006	0.9994	99.89
2.5	54,212,829	64,504	0.0012	0.9988	99.82
3.5	51,884,764	46,957	0.0009	0.9991	99.70
4.5	47,084,661	20,826	0.0004	0.9996	99.61
5.5	46,840,245	31,842	0.0007	0.9993	99.57
6.5	46,539,223	62,444	0.0013	0.9987	99.50
7.5	45,904,494	41,422	0.0009	0.9991	99.37
8.5	47,272,182	23,449	0.0005	0.9995	99.28
9.5	44,374,278	54,951	0.0012	0.9988	99.23
10.5	44,541,222	78,593	0.0018	0.9982	99.11
11.5	44,998,485	16,831	0.0004	0.9996	98.93
12.5	43,757,010	53,037	0.0012	0.9988	98.89
13.5	40,131,482	192,108	0.0048	0.9952	98.78
14.5	37,752,612	73,270	0.0019	0.9981	98.30
15.5	37,659,575	45,031	0.0012	0.9988	98.11
16.5	37,711,527	20,091	0.0005	0.9995	97.99
17.5	36,749,319	37,936	0.0010	0.9990	97.94
18.5	35,630,982	101,131	0.0028	0.9972	97.84
19.5	33,171,444	166,194	0.0050	0.9950	97.56
20.5	32,820,687	76,282	0.0023	0.9977	97.07
21.5	32,505,454	168,188	0.0052	0.9948	96.85
22.5	31,621,328	34,839	0.0011	0.9989	96.35
23.5	29,190,443	198,864	0.0068	0.9932	96.24
24.5	28,190,289	141,082	0.0050	0.9950	95.59
25.5	25,077,501	31,829	0.0013	0.9987	95.11
26.5	24,626,447	24,977	0.0010	0.9990	94.99
27.5	23,737,303	146,504	0.0062	0.9938	94.89
28.5	22,944,408	22,323	0.0010	0.9990	94.30
29.5	19,759,432	69,550	0.0035	0.9965	94.21
30.5	16,067,921	234,583	0.0146	0.9854	93.88
31.5	18,585,101	15,373	0.0008	0.9992	92.51
32.5	17,541,946	48,229	0.0027	0.9973	92.43
33.5	16,363,595	19,858	0.0012	0.9988	92.18
34.5	15,893,289	44,969	0.0028	0.9972	92.07
35.5	14,026,308	31,655	0.0023	0.9977	91.81
36.5	14,160,919	30,222	0.0021	0.9979	91.60
37.5	13,288,070	42,799	0.0032	0.9968	91.40
38.5	12,435,363	84,018	0.0068	0.9932	91.11

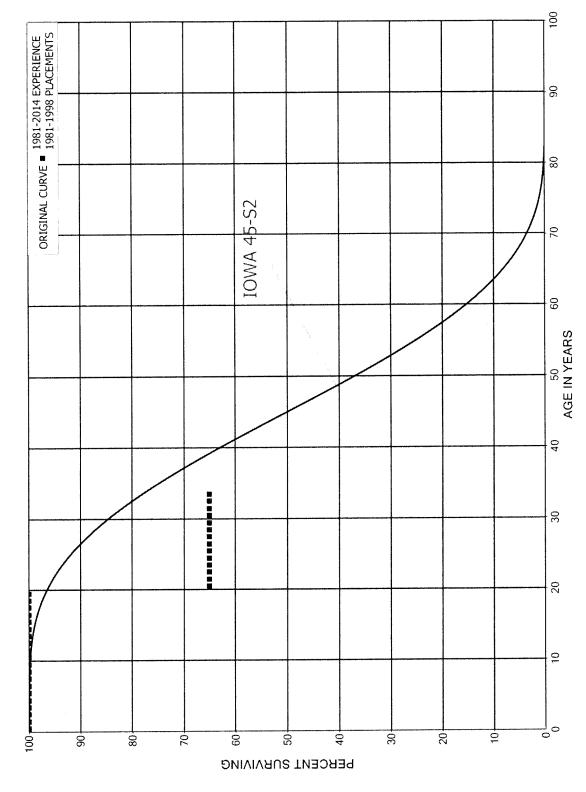
### ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1924-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	11,008,138	26,354	0.0024	0.9976	90.49
40.5	10,759,820	258,050	0.0240	0.9760	90.28
41.5	9,906,032	66,463	0.0067	0.9933	88.11
42.5	9,317,224	24,073	0.0026	0.9974	87.52
43.5	9,240,616	14,267	0.0015	0.9985	87.30
44.5	7,225,443	27,447	0.0038	0.9962	87.16
45.5	6,927,110	11,576	0.0017	0.9983	86.83
46.5	6,807,087	46,679	0.0069	0.9931	86.68
47.5	6,742,185	21,581	0.0032	0.9968	86.09
48.5	3,494,572	1,616	0.0005	0.9995	85.81
49.5	3,470,463	6,333	0.0018	0.9982	85.78
50.5	3,452,728	37,233	0.0108	0.9892	85.62
51.5	3,391,661	5,482	0.0016	0.9984	84.70
52.5	3,378,429	27,627	0.0082	0.9918	84.56
53.5	2,132,238	12,003	0.0056	0.9944	83.87
54.5	2,337,275	7,181	0.0031	0.9969	83.39
55.5	2,247,440	10,359	0.0046	0.9954	83.14
56.5	1,777,261	21,921	0.0123	0.9877	82.76
57.5	1,681,541	5,765	0.0034	0.9966	81.73
58.5	1,673,872	20,458	0.0122	0.9878	81.45
59.5	920,190	9,624	0.0105	0.9895	80.46
60.5	900,738	3,646	0.0040	0.9960	79.62
61.5	757,075	55,555	0.0734	0.9266	79.30
62.5	697,987	121,126	0.1735	0.8265	73.48
63.5	567,318	8,984	0.0158	0.9842	60.73
64.5	634,311	2,598	0.0041	0.9959	59.76
65.5	631,461	46,573	0.0738	0.9262	59.52
66.5	218,179	9,887	0.0453	0.9547	55.13
67.5	205,862	1,265	0.0061	0.9939	52.63
68.5	152,741	12,874	0.0843	0.9157	52.31
69.5	141,947	576	0.0041	0.9959	47.90
70.5	141,288	1,955	0.0138	0.9862	47.70
71.5	139,333	814	0.0058	0.9942	47.04
72.5	138,098	706	0.0051	0.9949	46.77
73.5	157,850	162	0.0010	0.9990	46.53
74.5	157,229	59	0.0004	0.9996	46.48
75.5	157,103	9,366	0.0596	0.9404	46.47
76.5	142,781	715	0.0050	0.9950	43.70
77.5	91,114	4,833	0.0530	0.9470	43.48
78.5	86,281	1,566	0.0182	0.9818	41.17

## ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

BAND 1924-2014		EXPER	RIENCE BAN	D 1979-2014
EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
84,715	129	0.0015	0.9985	40.42
83,663	359	0.0043	0.9957	40.36
83,257	393	0.0047	0.9953	40.19
82,509	714	0.0087	0.9913	40.00
81,795	2,232	0.0273	0.9727	39.65
78,811	182	0.0023	0.9977	38.57
77,857		0.0000	1.0000	38.48
74,987	6,137	0.0818	0.9182	38.48
68,851		0.0000	1.0000	35.33
68,851		0.0000	1.0000	35.33
68,851		0.0000	1.0000	35.33
				35.33
	EXPOSURES AT BEGINNING OF AGE INTERVAL  84,715 83,663 83,257 82,509 81,795 78,811 77,857 74,987 68,851 68,851	EXPOSURES AT BEGINNING OF AGE INTERVAL  84,715 83,663 83,257 82,509 81,795 2,232 78,811 77,857 74,987 68,851 68,851	EXPOSURES AT RETIREMENTS BEGINNING OF DURING AGE RETMT AGE INTERVAL INTERVAL RATIO  84,715 129 0.0015 83,663 359 0.0043 83,257 393 0.0047 82,509 714 0.0087 81,795 2,232 0.0273 78,811 182 0.0023 77,857 0.0000 74,987 6,137 0.0818 68,851 0.0000	EXPOSURES AT RETIREMENTS BEGINNING OF DURING AGE RETMT SURV AGE INTERVAL INTERVAL RATIO RATIO  84,715 129 0.0015 0.9985 83,663 359 0.0043 0.9957 83,257 393 0.0047 0.9953 82,509 714 0.0087 0.9913 81,795 2,232 0.0273 0.9727 78,811 182 0.0023 0.9977 77,857 0.0000 1.0000 74,987 6,137 0.0818 0.9182 68,851 0.0000 1.0000 68,851 0.0000 1.0000

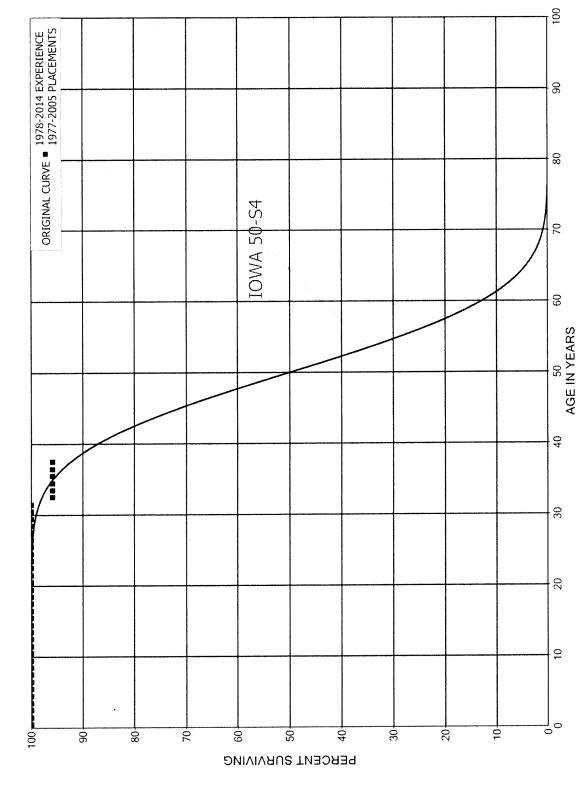
KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 357 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 357 UNDERGROUND CONDUIT

PLACEMENT I	BAND 1981-1998		EXPER	RIENCE BAN	D 1981-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5 9.5 10.5 11.5 12.5 13.5 14.5 15.5	13,708 13,708 13,708 13,708 13,708 13,708 13,708 13,708 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944 22,944		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5 29.5 30.5 31.5 32.5 33.5	19,465 19,465 3,433 3,433 3,433 3,433 3,433 3,433 3,433 3,433 3,433 3,433 3,433 3,433 3,433	6,796	0.0000 0.3491 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.6509 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 65.09 65.09 65.09 65.09 65.09 65.09 65.09 65.09 65.09 65.09

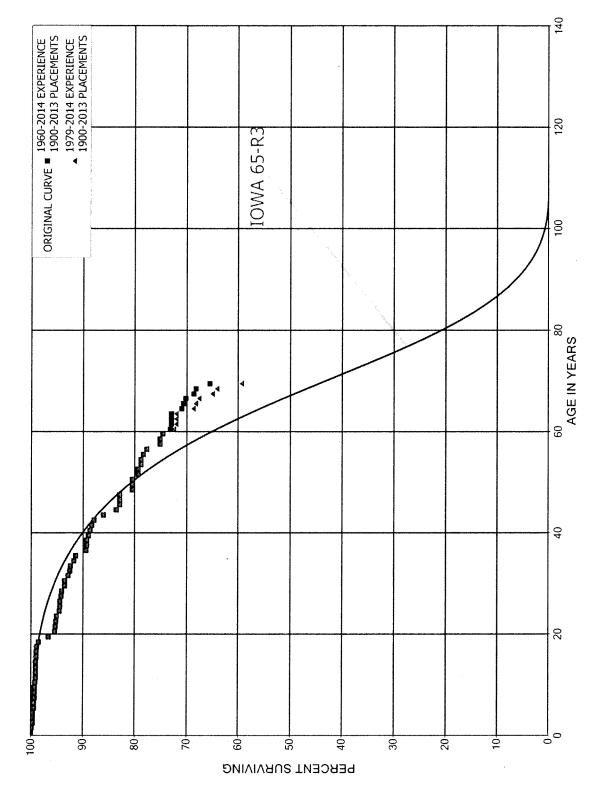
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ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

AND 1977-2005		EXPER	RIENCE BAN	D 1978-2014
EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
36,009 90,117 90,117 90,117	INTERVAL	0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00
90,117 90,117 90,117 90,117		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00
89,650 89,650 89,650 89,650		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00
89,650 89,650 89,650 89,650	75	0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00
89,575 88,983 88,983 88,983		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	99.92 99.92 99.92 99.92 99.92
85,133 85,133 85,133 85,133 85,133		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	99.92 99.92 99.92 99.92 99.92
85,133 85,133 85,133 81,652 54,108 54,108 54,108	3,481	0.0000 0.0000 0.0409 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9591 1.0000 1.0000 1.0000	99.92 99.92 99.92 95.83 95.83 95.83 95.83 95.83
	BEGINNING OF AGE INTERVAL  36,009 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 89,650	EXPOSURES AT BEGINNING OF AGE INTERVAL  36,009 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,650 89,651 89,650 89,6	EXPOSURES AT BEGINNING OF AGE INTERVAL DURING AGE RETMT RATIO  36,009 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 90,117 0.0000 90,117 90,117 0.0000 90,117 0.0000 90,117 0.0000 90,117 0.0000 90,117 0.0000 89,650 0.0000 89,650 89,650 0.0000 89,650 89,650 0.0000	EXPOSURES AT BEGINNING OF AGE INTERVAL         RETIREMENTS INTERVAL         RETMT RATIO         SURV RATIO           36,009         0.0000         1.0000         90,117         0.0000         1.0000           90,117         0.0000         1.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           90,117         0.0000         1.0000         1.0000           89,650         0.0000         1.0000         1.0000           89,650         0.0000         1.0000         1.0000           89,650         0.0000         1.0000         1.0000           89,650         0.0000         1.0000         1.0000           89,650         0.0000         1.0000         1.0000           89,650         0.0000         1.0000         1.0000           88,983         0.0000         1.0000 </td

KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 361 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1900-2013		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE	RETMT	SURV	PCT SURV BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	10,834,680	1,750	0.0002	0.9998	100.00
0.5	10,704,492	13,628	0.0013	0.9987	99.98
1.5	10,667,324	20,101	0.0019	0.9981	99.86
2.5	10,437,284		0.0000	1.0000	99.67
3.5	10,669,528		0.0000	1.0000	99.67
4.5	10,661,614	26,882	0.0025	0.9975	99.67
5.5	9,821,259	2,965	0.0003	0.9997	99.42
6.5	8,724,387	4,740	0.0005	0.9995	99.39
7.5	8,607,736	1,642	0.0002	0.9998	99.33
8.5	8,226,151	5,733	0.0007	0.9993	99.31
9.5	6,964,532	3,375	0.0005	0.9995	99.24
10.5	6,904,007	8,390	0.0012	0.9988	99.20
11.5	6,551,336	2,021	0.0003	0.9997	99.08
12.5	5,472,224	842	0.0002	0.9998	99.05
13.5	4,703,164	242	0.0001	0.9999	99.03
14.5	4,231,367	1,789	0.0004	0.9996	99.03
15.5	4,250,706	1,085	0.0003	0.9997	98.98
16.5	3,460,307	2,451	0.0007	0.9993	98.96
17.5	3,301,285	14,311	0.0043	0.9957	98.89
18.5	2,910,605	55,225	0.0190	0.9810	98.46
19.5	2,693,948	34,182	0.0127	0.9873	96.59
20.5	2,222,772	1,714	0.0008	0.9992	95.37
21.5	2,190,046	2,492	0.0011	0.9989	95.29
22.5	1,979,327	3,187	0.0016	0.9984	95.18
23.5	1,596,200	8,962	0.0056	0.9944	95.03
24.5	1,516,004	759	0.0005	0.9995	94.50
25.5	1,522,771	255	0.0002	0.9998	94.45
26.5	1,416,480	3,387	0.0024	0.9976	94.43
27.5	1,419,724	1,536	0.0011	0.9989	94.21
28.5	1,268,355	8,061	0.0064	0.9936	94.11
29.5	1,257,122	0.050	0.0000	1.0000	93.51
30.5	1,223,198	8,853	0.0072	0.9928	93.51
31.5	1,173,998	3,545	0.0030	0.9970	92.83
32.5	937,637	1,332	0.0014	0.9986	92.55
33.5	842,058	6,175	0.0073	0.9927	92.42
34.5	764,006	3,329	0.0044	0.9956	91.74 91.34
35.5	738,389	15,400	0.0209	0.9791	91.34 89.44
36.5	564,315	1,090	0.0019 0.0002	0.9981	89.44 89.26
37.5	533,362	88		0.9998	89.25
38.5	446,548	1,715	0.0038	0.9962	07.25

## ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

PLACEMENT I	BAND 1900-2013		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT		BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	339,898	1,037	0.0031	0.9969	88.91
40.5	155,928	569	0.0036	0.9964	88.64
41.5	159,869	822	0.0051	0.9949	88.31
42.5	111,213	2,241	0.0202	0.9798	87.86
43.5	109,013	3,193	0.0293	0.9707	86.09
44.5	107,715	839	0.0078	0.9922	83.57
45.5	109,564		0.0000	1.0000	82.91
46.5	89,832		0.0000	1.0000	82.91
47.5	85,483	2,468	0.0289	0.9711	82.91
48.5	79,311	16	0.0002	0.9998	80.52
49.5	78,199		0.0000	1.0000	80.50
50.5	61,524	841	0.0137	0.9863	80.50
51.5	62,175		0.0000	1.0000	79.40
52.5	65,584	464	0.0071	0.9929	79.40
53.5	71,207		0.0000	1.0000	78.84
54.5	79,416	449	0.0057	0.9943	78.84
55.5	73,417	602	0.0082	0.9918	78.40
56.5	51,476	1,743	0.0339	0.9661	77.75
57.5	38,081		0.0000	1.0000	75.12
58.5	30,475	205	0.0067	0.9933	75.12
59.5	42,438	793	0.0187		74.61
60.5	39,620	144	0.0036	0.9964	73.22
61.5	38,985		0.0000	1.0000	72.95
62.5	40,339		0.0000	1.0000	72.95
63.5	38,684	1,083	0.0280	0.9720	72.95
64.5	37,490	148	0.0039	0.9961	70.91
65.5	37,342	228	0.0061	0.9939	70.63
66.5	38,190	851	0.0223	0.9777	70.20
67.5	30,521	213	0.0070		68.64
68.5	33,256	1,316	0.0396	0.9604	68.16
69.5	31,940		0.0000		65.46
70.5	32,207		0.0000	1.0000	65.46
71.5	32,207		0.0000	1.0000	65.46
72.5	32,147		0.0000	1.0000	65.46
73.5	28,987		0.0000	1.0000	65.46
74.5	28,987	597	0.0206	0.9794	65.46
75.5	28,123		0.0000	1.0000	64.11
76.5	29,108		0.0000	1.0000	64.11
77.5	29,108	531	0.0182	0.9818	64.11
78.5	28,618	40	0.0014	0.9986	62.94

## ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1900-2013		EXPE	RIENCE BAN	D 1960-201
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INŢERVAL	RATIO	RATIO	INTERVAL
79.5	27,630		0.0000	1.0000	62.85
80.5	27,630		0.0000	1.0000	62.85
81.5	33,826		0.0000	1.0000	62.85
82.5	33,826		0.0000	1.0000	62.85
83.5	33,775		0.0000	1.0000	62.85
84.5	33,775		0.0000	1.0000	62.85
85.5	33,775		0.0000	1.0000	62.85
86.5	33,134		0.0000	1.0000	62.85
87.5	33,134		0.0000	1.0000	62.85
88.5	31,766		0.0000	1.0000	62.85
89.5	31,766		0.0000	1.0000	62.85
90.5	30,796		0.0000	1.0000	62.85
91.5	30,796		0.0000	1.0000	62.85
92.5	30,796		0.0000	1.0000	62.85
93.5	30,796	15,398	0.5000	0.5000	62.85
94.5	15,398		0.0000	1.0000	31.43
95.5	15,398		0.0000	1.0000	31.43
96.5	15,398		0.0000	1.0000	31.43
97.5	15,398		0.0000	1.0000	31.43
98.5	15,398		0.0000	1.0000	31.43
99.5	15,398		0.0000	1.0000	31.43
100.5	15,398		0.0000	1.0000	31.43
101.5					31.43
102.5					
103.5	12,971		0.0000		
104.5	12,971		0.0000		
105.5	12,971		0.0000		
106.5	12,971		0.0000		
107.5	12,971		0.0000		
108.5	12,971		0.0000		
109.5	12,971		0.0000		
110.5	12,971		0.0000		
111.5	12,971		0.0000		
112.5	12,971		0.0000		
113.5	12,971		0.0000		
114.5					

## ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1900-2013		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	10,690,101	1,750	0.0002	0.9998	100.00
0.5	10,558,021	11,627	0.0011	0.9989	99.98
1.5	10,524,411	20,101	0.0019	0.9981	99.87
2.5	10,308,050		0.0000	1.0000	99.68
3.5	10,539,955		0.0000	1.0000	99.68
4.5	10,527,592	26,882	0.0026	0.9974	99.68
5.5	9,686,630	2,965	0.0003	0.9997	99.43
6.5	8,593,269	4,740	0.0006	0.9994	99.40
7.5	8,476,618	1,642	0.0002	0.9998	99.34
8.5	8,097,277	5,733	0.0007	0.9993	99.32
9.5	6,895,205	3,375	0.0005	0.9995	99.25
10.5	6,834,680	8,390	0.0012	0.9988	99.20
11.5	6,482,293	2,021	0.0003	0.9997	99.08
12.5	5,403,679	842	0.0002	0.9998	99.05
13.5	4,637,384	242	0.0001	0.9999	99.04
14.5	4,166,194	1,789	0.0004	0.9996	99.03
15.5	4,219,859	1,085	0.0003	0.9997	98.99
16.5	3,432,351	2,451	0.0007	0.9993	98.96
17.5	3,276,831	14,311	0.0044	0.9956	98.89
18.5	2,897,504	55,225	0.0191	0.9809	98.46
19.5	2,668,503	34,182	0.0128	0.9872	96.58
20.5	2,197,327	1,714	0.0008	0.9992	95.35
21.5	2,167,903	2,492	0.0011	0.9989	95.27
22.5	1,957,523	3,187	0.0016	0.9984	95.16
23.5	1,580,600	8,962	0.0057	0.9943	95.01
24.5	1,500,404	759	0.0005	0.9995	94.47
25.5	1,507,171	255	0.0002	0.9998	94.42
26.5	1,400,834	3,387	0.0024	0.9976	94.41
27.5	1,404,347	1,536	0.0011	0.9989	94.18
28.5	1,267,933	8,061	0.0064	0.9936	94.07
29.5	1,256,700		0.0000	1.0000	93.48
30.5	1,222,776	8,853	0.0072	0.9928	93.48
31.5	1,173,952	3,545	0.0030	0.9970	92.80
32.5	937,591	1,332	0.0014	0.9986	92.52
33.5	842,012	6,175	0.0073	0.9927	92.39
34.5	763,960	3,329	0.0044	0.9956	91.71
35.5	736,580	15,400	0.0209	0.9791	91.31
36.5	562,506	1,090	0.0019	0.9981	89.40
37.5	531,553	88	0.0002	0.9998	89.23
38.5	444,739	1,715	0.0039	0.9961	89.21

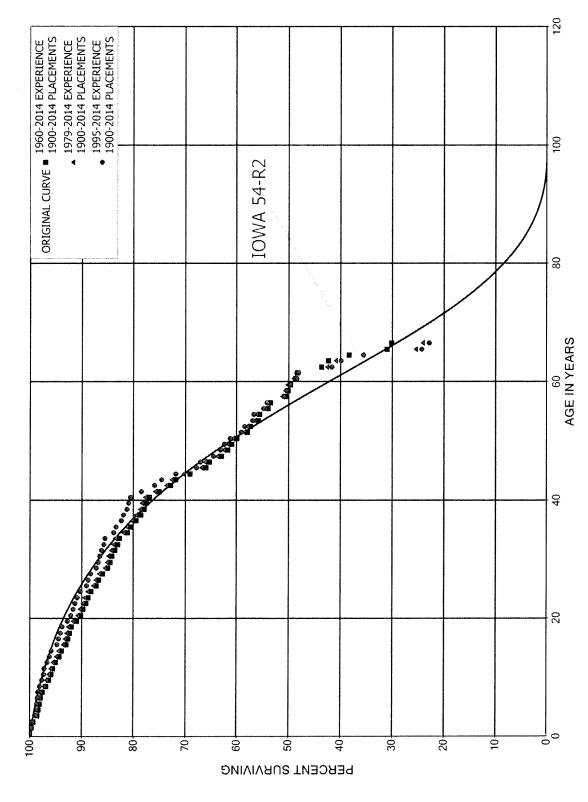
## ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1900-2013		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	338,089	1,037	0.0031	0.9969	88.87
40.5	154,119	569	0.0037	0.9963	88.60
41.5	158,899	822	0.0052	0.9948	88.27
42.5	110,243	2,241	0.0203	0.9797	87.81
43.5	108,043	3,193	0.0296	0.9704	86.03
44.5	106,745	839	0.0079	0.9921	83.49
45.5	108,640		0.0000	1.0000	82.83
46.5	88,908		0.0000	1.0000	82.83
47.5	84,559	2,468	0.0292	0.9708	82.83
48.5	78,387	16	0.0002	0.9998	80.41
49.5	77,275		0.0000	1.0000	80.40
50.5	60,600	841	0.0139	0.9861	80.40
51.5	61,251		0.0000	1.0000	79.28
52.5	64,660	464	0.0072	0.9928	79.28
53.5	70,283		0.0000	1.0000	78.71
54.5	79,416	449	0.0057	0.9943	78.71
55.5	73,417	602	0.0082	0.9918	78.27
56.5	51,476	1,743	0.0339	0.9661	77.62
57.5	38,081		0.0000	1.0000	75.00
58.5	30,475	205	0.0067	0.9933	75.00
59.5	27,040	793	0.0293	0.9707	74.49
60.5	24,222	144	0.0059	0.9941	72.31
61.5	23,587		0.0000	1.0000	71.88
62.5	24,941		0.0000	1.0000	71.88
63.5	23,286	1,083	0.0465	0.9535	71.88
64.5	22,092	148	0.0067	0.9933	68.53
65.5	21,944	228	0.0104	0.9896	68.07
66.5	22,792	851	0.0373	0.9627	67.37
67.5	15,123	213	0.0141		64.85
68.5	17,858	1,316	0.0737	0.9263	63.94
69.5	16,542		0.0000	1.0000	59.22
70.5	16,809		0.0000	1.0000	59.22
71.5	16,809		0.0000	1.0000	59.22
72.5	16,749		0.0000	1.0000	59.22
73.5	13,589		0.0000	1.0000	59.22
74.5	13,589	597	0.0439	0.9561	59.22
75.5	12,725		0.0000	1.0000	56.62
76.5	13,710		0.0000	1.0000	56.62
77.5	13,710	531	0.0387	0.9613	56.62
78.5	28,618	40	0.0014	0.9986	54.43

### ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

PLACEMENT I	BAND 1900-2013		EXPER	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	27,630 27,630 33,826 33,826 33,775 33,775 33,775 33,134 33,134 31,766		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	54.35 54.35 54.35 54.35 54.35 54.35 54.35 54.35 54.35
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	31,766 30,796 30,796 30,796 30,796 15,398 15,398 15,398 15,398	15,398	0.0000 0.0000 0.0000 0.5000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.5000 1.0000 1.0000 1.0000 1.0000	54.35 54.35 54.35 54.35 54.35 27.18 27.18 27.18 27.18
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	15,398 15,398 12,971 12,971 12,971 12,971 12,971		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000	27.18 27.18 27.18
109.5 110.5 111.5 112.5 113.5 114.5	12,971 12,971 12,971 12,971 12,971		0.0000 0.0000 0.0000 0.0000		

KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 362 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPER	LIENCE BAN	) 1960-2014
AGE AT BEGIN OF	EXPOSURES AT BEGINNING OF	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	THIERVALL
0.0	226,086,174	140,035	0.0006	0.9994	100.00
0.5	217,942,336	648,050	0.0030	0.9970	99.94
1.5	204,324,109	782,353	0.0038	0.9962	99.64
2.5	196,733,574	1,435,722	0.0073	0.9927	99.26
3.5	177,280,682	493,618	0.0028	0.9972	98.53
4.5	173,457,809	439,782	0.0025	0.9975	98.26
5.5	165,215,492	345,562	0.0021	0.9979	98.01
6.5	148,000,660	535,469	0.0036	0.9964	97.81
7.5	141,710,976	940,221	0.0066	0.9934	97.45
8.5	134,428,331	747,774	0.0056	0.9944	96.81
9.5	120,153,708	514,887	0.0043	0.9957	96.27
10.5	117,762,909	455,864	0.0039	0.9961	95.86
11.5	112,259,266	583,246	0.0052	0.9948	95.48
12.5	104,635,354	723,325	0.0069	0.9931	94.99
13.5	95,848,153	463,625	0.0048	0.9952	94.33
14.5	84,590,509	826,512	0.0098	0.9902	93.87
15.5	79,918,157	317,409	0.0040	0.9960	92.96
16.5	76,898,514	294,907	0.0038	0.9962	92.59
17.5	73,962,293	273,812	0.0037	0.9963	92.23
18.5	68,700,419	681,028	0.0099	0.9901	91.89
19.5	69,602,910	638,026	0.0092	0.9908	90.98
20.5	68,902,310	359,766	0.0052	0.9948	90.15
21.5	65,615,292	382,769	0.0058	0.9942	89.68
22.5	60,689,899	265,534	0.0044	0.9956	89.15
23.5	55,595,183	359,580	0.0065	0.9935	88.76
24.5	48,113,764	555,139	0.0115	0.9885	88.19
25.5	43,536,075	214,814	0.0049	0.9951	87.17
26.5	39,463,858	345,515	0.0088	0.9912	86.74
27.5	37,433,081	470,772	0.0126	0.9874	85.98
28.5	35,615,828	166,846	0.0047	0.9953	84.90
29.5	34,673,209	136,197	0.0039	0.9961	84.50
30.5	32,701,583	215,484	0.0066	0.9934	84.17
31.5	30,324,127	195,954	0.0065	0.9935	83.62
32.5	28,848,368	124,207	0.0043	0.9957	83.08
33.5	25,098,708	462,639	0.0184	0.9816	82.72
34.5	22,994,664	206,974	0.0090	0.9910	81.19
35.5	21,541,307	258,554	0.0120	0.9880	80.46
36.5	18,723,461	198,296	0.0106	0.9894	79.50
37.5	14,568,157	138,414	0.0095	0.9905	78.66
38.5	13,024,967	64,464	0.0049	0.9951	77.91

### ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	10,023,020	78,727	0.0079	0.9921	77.52
40.5	9,132,297	222,554	0.0244	0.9756	76.91
41.5	8,539,166	244,580	0.0286	0.9714	75.04
42.5	7,054,282	104,488	0.0148	0.9852	72.89
43.5	6,534,797	246,349	0.0377	0.9623	71.81
44.5	6,181,836	285,396	0.0462	0.9538	69.10
45.5	5,540,283	53,179	0.0096	0.9904	65.91
46.5	4,652,905	163,808	0.0352	0.9648	65.28
47.5	4,435,611	88,279	0.0199	0.9801	62.98
48.5	4,379,418	51,860	0.0118	0.9882	61.73
49.5	4,163,720	69,882	0.0168	0.9832	61.00
50.5	3,773,208	124,369	0.0330	0.9670	59.97
51.5	3,349,083	37,616	0.0112	0.9888	58.00
52.5	3,080,705	80,967	0.0263	0.9737	57.35
53.5	2,767,833	11,188	0.0040	0.9960	55.84
54.5	2,589,837	76,769	0.0296	0.9704	55.61
55.5	2,397,305	21,542	0.0090	0.9910	53.96
56.5	2,083,892	111,762	0.0536	0.9464	53.48
57.5	1,808,051	18,463	0.0102	0.9898	50.61
58.5	1,480,612	13,264	0.0090	0.9910	50.09
59.5	1,433,136	29,073	0.0203	0.9797	49.65
60.5	1,408,490	10,364	0.0074	0.9926	48.64
61.5	1,244,986	120,997	0.0972	0.9028	48.28
62.5	1,051,835	31,471	0.0299	0.9701	43.59
63.5	901,729	84,515	0.0937	0.9063	42.28
64.5	743,332	142,375	0.1915	0.8085	38.32
65.5	581,228	17,081	0.0294	0.9706	30.98
66.5	395,559	1,769	0.0045	0.9955	30.07
67.5	371,363	6,556	0.0177	0.9823	29.94
68.5	355,776	2,835	0.0080	0.9920	29.41
69.5	353,209	4,522	0.0128	0.9872	29.17
70.5	348,633	4,653	0.0133	0.9867	28.80
71.5	343,315	21,884	0.0637	0.9363	28.42
72.5	320,708	18,541	0.0578	0.9422	26.60
73.5	294,450	176	0.0006	0.9994	25.07
74.5	293,642		0.0000	1.0000	25.05
75.5	294,624	1,412	0.0048	0.9952	25.05
76.5	326,204	1,661	0.0051	0.9949	24.93
77.5	324,542	4,954	0.0153	0.9847	24.80
78.5	318,202	41	0.0001	0.9999	24.43

## ACCOUNT 362 STATION EQUIPMENT

PLACEMENT I	BAND 1900-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	318,161 317,179 297,819 288,123 284,981 282,077 282,077 277,425 276,798 276,140	18 141 2,904 627	0.0000 0.0001 0.0000 0.0005 0.0102 0.0000 0.0000 0.0023 0.0000 0.0000	1.0000 0.9999 1.0000 0.9995 0.9898 1.0000 1.0000 0.9977 1.0000	24.42 24.42 24.42 24.42 24.41 24.16 24.16 24.16 24.11
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	274,785 273,477 273,477 271,662 271,662 244,880 244,880 244,880 461,906 27,855	446 17,100	0.0000 0.0000 0.0016 0.0000 0.0629 0.0000 0.0000 0.0000	1.0000 1.0000 0.9984 1.0000 0.9371 1.0000 1.0000 1.0000	24.11 24.11 24.07 24.07 24.07 22.55 22.55 22.55 22.55
99.5 100.5 101.5 102.5 103.5	27,855 27,855 12,971		0.0000	1.0000	22.55 22.55 22.55

## ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	198,172,750	96,164	0.0005	0.9995	100.00
0.5	195,006,594	565,814	0.0029	0.9971	99.95
1.5	182,576,577	623,823	0.0034	0.9966	99.66
2.5	175,866,760	1,349,820	0.0077	0.9923	99.32
3.5	162,062,588	267,689	0.0017	0.9983	98.56
4.5	157,814,214	313,183	0.0020	0.9980	98.40
5.5	152,116,241	304,812	0.0020	0.9980	98.20
6.5	137,671,074	406,490	0.0030	0.9970	98.00
7.5	132,484,723	871,714	0.0066	0.9934	97.71
8.5	124,395,771	630,981	0.0051	0.9949	97.07
9.5	111,492,213	437,808	0.0039	0.9961	96.58
10.5	109,934,664	414,689	0.0038	0.9962	96.20
11.5	104,789,485	497,501	0.0047	0.9953	95.84
12.5	97,243,956	679,152	0.0070	0.9930	95.38
13.5	89,173,416	386,644	0.0043	0.9957	94.72
14.5	78,131,959	775,643	0.0099	0.9901	94.31
15.5	73,993,251	268,344	0.0036	0.9964	93.37
16.5	71,194,443	264,807	0.0037	0.9963	93.03
17.5	68,864,770	248,086	0.0036	0.9964	92.68
18.5	64,359,539	626,912	0.0097	0.9903	92.35
19.5	65,912,490	565,460	0.0086	0.9914	91.45
20.5	65,655,404	345,589	0.0053	0.9947	90.67
21.5	62,508,430	366,009	0.0059	0.9941	90.19
22.5	58,057,273	258,510	0.0045	0.9955	89.66
23.5	53,679,431	349,725	0.0065	0.9935	89.26
24.5	46,291,371	539,695	0.0117	0.9883	88.68
25.5	41,733,482	198,462	0.0048	0.9952	87.65
26.5	37,788,867	330,794	0.0088	0.9912	87.23
27.5	36,109,291	455,105	0.0126	0.9874	86.47
28.5	34,532,112	159,153	0.0046	0.9954	85.38
29.5	33,715,547	114,918	0.0034	0.9966	84.98
30.5	32,210,816	195,098	0.0061	0.9939	84.69
31.5	29,914,737	176,846	0.0059	0.9941	84.18
32.5	28,510,005	101,652	0.0036	0.9964	83.68
33.5	24,783,041	449,629	0.0181	0.9819	83.38
34.5	22,687,038	202,005	0.0089	0.9911	81.87
35.5	21,224,601	251,278	0.0118	0.9882	81.14
36.5	18,437,462	190,183	0.0103	0.9897	80.18
37.5	14,295,481	130,567	0.0091	0.9909	79.35
38.5	12,761,160	60,963	0.0048	0.9952	78.63

### ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPER	IENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	9,766,961	77,220	0.0079	0.9921	78.25
40.5	8,880,455	217,739	0.0245	0.9755	77.64
41.5	8,291,406	239,739	0.0289	0.9711	75.73
42.5	6,812,352	96,996	0.0142	0.9858	73.54
43.5	6,291,078	202,293	0.0322	0.9678	72.50
44.5	5,766,166	285,396	0.0495	0.9505	70.16
45.5	5,423,576	52,562	0.0097	0.9903	66.69
46.5	4,546,651	163,808	0.0360	0.9640	66.04
47.5	4,368,211	88,279	0.0202	0.9798	63.67
48.5	4,312,634	51,807	0.0120	0.9880	62.38
49.5	4,104,280	69,882	0.0170	0.9830	61.63
50.5	3,719,142	124,369	0.0334	0.9666	60.58
51.5	3,298,048	37,616	0.0114	0.9886	58.55
52.5	3,036,349	80,967	0.0267	0.9733	57.89
53.5	2,728,462	11,188	0.0041	0.9959	56.34
54.5	2,570,043	76,769	0.0299	0.9701	56.11
55.5	2,377,511	21,542	0.0091	0.9909	54.44
56.5	2,067,028	111,762	0.0541	0.9459	53.94
57.5	1,791,187	18,463	0.0103	0.9897	51.03
58.5	1,461,182	13,264	0.0091	0.9909	50.50
59.5	1,168,825	29,073	0.0249	0.9751	50.04
60.5	1,144,179	10,364	0.0091	0.9909	48.80
61.5	980,675	120,997	0.1234	0.8766	48.35
62.5	804,050	31,471	0.0391	0.9609	42.39
63.5	653,944	84,515	0.1292	0.8708	40.73
64.5	495,547	142,375	0.2873	0.7127	35.47
65.5	333,443	17,081	0.0512	0.9488	25.28
66.5	147,774	1,769	0.0120	0.9880	23.98
67.5	123,578	6,556	0.0530	0.9470	23.69
68.5	107,991	2,835	0.0263	0.9737	22.44
69.5	105,424	4,522	0.0429	0.9571	21.85
70.5	100,848	4,653	0.0461	0.9539	20.91
71.5	95,530	21,884	0.2291	0.7709	19.95
72.5	72,923	18,541	0.2543	0.7457	15.38
73.5	46,665	176	0.0038	0.9962	11.47
74.5	45,857		0.0000	1.0000	11.42
75.5	46,839	1,412	0.0302	0.9698	11.42
76.5	78,419	1,661	0.0212	0.9788	11.08
77.5	79,661	4,954	0.0622	0.9378	10.84
78.5	318,202	41	0.0001	0.9999	10.17

## ACCOUNT 362 STATION EQUIPMENT

### ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	318,161 317,179 297,819 288,123 284,981 282,077 282,077 277,425 276,798 276,140	18 141 2,904 627	0.0000 0.0001 0.0000 0.0005 0.0102 0.0000 0.0000 0.0023 0.0000	1.0000 0.9999 1.0000 0.9995 0.9898 1.0000 1.0000 0.9977 1.0000	10.17 10.17 10.17 10.16 10.06 10.06 10.06 10.04 10.04
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	274,785 273,477 273,477 271,662 271,662 244,880 244,880 244,880 461,906 27,855	446 17,100	0.0000 0.0000 0.0016 0.0000 0.0629 0.0000 0.0000 0.0000	1.0000 1.0000 0.9984 1.0000 0.9371 1.0000 1.0000 1.0000	10.04 10.04 10.02 10.02 9.39 9.39 9.39 9.39
99.5 100.5 101.5 102.5	27,855 27,855 12,971		0.0000	1.0000	9.39 9.39 9.39

103.5

### ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	ID 1995-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5	139,810,235 137,313,562 123,820,548 122,029,953 106,399,198	49,747 291,457 270,604 940,178 102,401	0.0004 0.0021 0.0022 0.0077 0.0010	0.9996 0.9979 0.9978 0.9923 0.9990	100.00 99.96 99.75 99.53 98.77
4.5 5.5 6.5 7.5 8.5	106,969,172 103,495,362 92,571,906 89,021,775 85,926,405	87,991 65,663 172,584 232,787 395,505	0.0008 0.0006 0.0019 0.0026 0.0046	0.9992 0.9994 0.9981 0.9974 0.9954	98.67 98.59 98.53 98.34 98.09
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	71,722,919 70,982,697 67,482,615 62,237,966 56,854,565 51,456,513 48,742,906 45,581,202 45,084,419	264,339 107,617 344,344 299,759 221,941 592,986 133,680 173,293 189,560	0.0037 0.0015 0.0051 0.0048 0.0039 0.0115 0.0027 0.0038 0.0042	0.9963 0.9985 0.9949 0.9952 0.9961 0.9885 0.9973 0.9962 0.9958	97.64 97.28 97.13 96.63 96.17 95.79 94.69 94.43 94.07
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	41,097,957 46,343,519 46,818,220 46,319,793 44,193,562 42,074,088 34,965,358 31,719,062 28,623,467 27,333,502	408,015 364,086 210,037 179,897 186,902 263,554 465,495 123,134 162,338 316,783	0.0099 0.0079 0.0045 0.0039 0.0042 0.0063 0.0133 0.0039 0.0057 0.0116	0.9901 0.9921 0.9955 0.9961 0.9958 0.9937 0.9867 0.9961 0.9943 0.9884	93.67 92.74 92.02 91.60 91.25 90.86 90.29 89.09 88.74 88.24
28.5 29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	25,626,007 25,395,420 24,307,712 23,556,929 22,984,135 19,614,716 18,087,221 17,402,991 15,072,820 11,608,116 10,563,611	128,345 75,772 84,172 129,717 60,111 389,478 100,499 209,511 69,594 95,229 41,067	0.0050 0.0030 0.0035 0.0055 0.0026 0.0199 0.0056 0.0120 0.0046 0.0082 0.0039	0.9950 0.9970 0.9965 0.9945 0.9801 0.9944 0.9880 0.9954 0.9918 0.9961	87.22 86.78 86.52 86.22 85.75 85.52 83.83 83.36 82.36 81.98 81.30

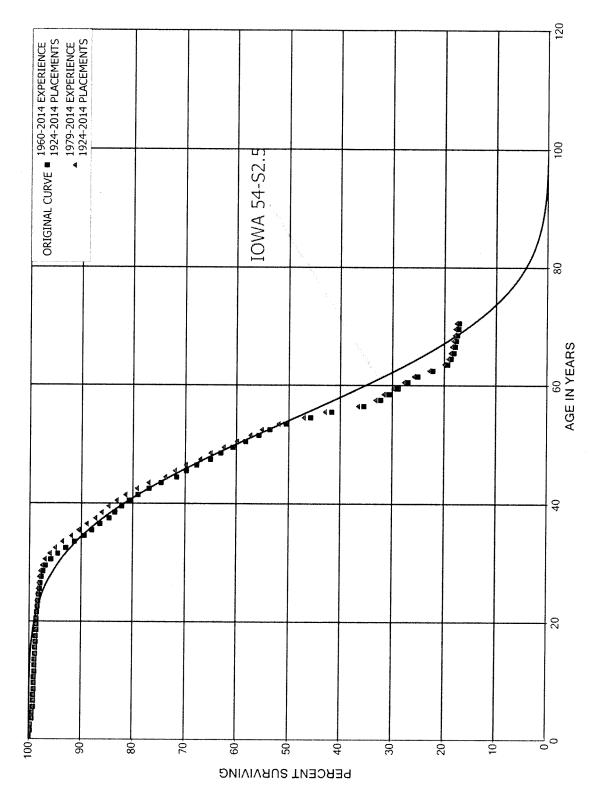
### ACCOUNT 362 STATION EQUIPMENT

AGE AT BEGIN OF BEGINNING OF INTERVAL         RETIREMENTS DURING AGE RETMT RATIO         RETMT RATIO         SURV RATIO         PCT SURV BEGIN OF INTERVAL           39.5         8,001,758         38,393         0.0048         0.9952         80.99           40.5         7,310,784         189,028         0.0259         0.9741         80.60           41.5         6,943,998         231,865         0.0334         0.9666         78.51           42.5         5,691,452         96,051         0.0169         0.9831         75.89           43.5         5,409,400         200,281         0.0370         0.9630         74.61           44.5         5,101,740         284,517         0.0558         0.9442         71.85           45.5         4,628,380         49,050         0.0108         0.9892         67.84           46.5         4,085,875         161,326         0.0395         0.9605         67.11           47.5         3,916,882         47.561         0.0121         0.9879         63.20           49.5         3,717,830         66,894         0.0160         0.9898         63.20           49.5         3,233,617         117,771         0.0353         0.9647         61.31           <	PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	ID 1995-2014
39.5	BEGIN OF	BEGINNING OF	DURING AGE			BEGIN OF
40.5       7,310,784       189,028       0.0259       0.9741       80.60         41.5       6,943,998       231,865       0.0334       0.9666       78.51         42.5       5,691,452       96,051       0.0169       0.9831       75.89         43.5       5,409,400       200,281       0.0370       0.9630       74.61         44.5       5,101,740       284,517       0.0558       0.9442       71.85         45.5       4,085,875       161,326       0.0395       0.9605       67.11         47.5       3,906,670       76,030       0.0195       0.9805       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       7	INIEKVAL	AGE INTERVAL	INIEKVAL	RATIO	RATIO	TMIEKAMI
41.5       6,943,998       231,865       0.0334       0.9666       78.51         42.5       5,691,452       96,051       0.0169       0.9831       75.89         43.5       5,409,400       200,281       0.0370       0.9630       74.61         44.5       5,101,740       284,517       0.0558       0.9442       71.85         45.5       4,528,380       49,050       0.0108       0.9892       67.84         46.5       4,085,875       161,326       0.0395       0.9605       67.11         47.5       3,906,670       76,030       0.0195       0.9805       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0102       0.9898       59.15         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,022,680       21		• • •	38,393	0.0048	0.9952	80.99
42.5       5,691,452       96,051       0.0169       0.9831       75.89         43.5       5,409,400       200,281       0.0370       0.9630       74.61         44.5       5,101,740       284,517       0.0558       0.9442       71.85         45.5       4,528,380       49,050       0.0108       0.9892       67.84         46.5       4,085,875       161,326       0.0395       0.9605       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9889       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101			· · · · · · · · · · · · · · · · · · ·	0.0259		
43.5         5,409,400         200,281         0.0370         0.9630         74.61           44.5         5,101,740         284,517         0.0558         0.9442         71.85           45.5         4,528,380         49,050         0.0108         0.9802         67.84           46.5         4,085,875         161,326         0.0395         0.9605         67.11           47.5         3,906,670         76,030         0.0195         0.9805         64.46           48.5         3,916,882         47,561         0.0121         0.9879         63.20           49.5         3,717,830         66,894         0.0180         0.9820         62.44           50.5         3,333,617         117,771         0.0353         0.9647         61.31           51.5         2,920,276         29,885         0.0102         0.9898         59.15           52.5         2,685,919         70,578         0.0263         0.9737         58.54           53.5         2,389,197         11,188         0.0047         0.9953         57.00           54.5         2,211,645         76,153         0.0344         0.9656         56.74           55.5         2,022,680         21,419						78.51
44.5       5,101,740       284,517       0.0558       0.9442       71.85         45.5       4,528,380       49,050       0.0108       0.9892       67.84         46.5       4,085,875       161,326       0.0395       0.9605       67.11         47.5       3,906,670       76,030       0.0195       0.9805       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       975,703       26,810		· ·	•			75.89
45.5       4,528,380       49,050       0.0108       0.9892       67.84         46.5       4,085,875       161,326       0.0395       0.9605       67.11         47.5       3,906,670       76,030       0.0195       0.9805       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,2		· · ·	•			
46.5       4,085,875       161,326       0.0395       0.9605       67.11         47.5       3,906,670       76,030       0.0195       0.9805       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
47.5       3,906,670       76,030       0.0195       0.9805       64.46         48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       89,174       120,997						
48.5       3,916,882       47,561       0.0121       0.9879       63.20         49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0552       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471						
49.5       3,717,830       66,894       0.0180       0.9820       62.44         50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471		· · · · ·	·			
50.5       3,333,617       117,771       0.0353       0.9647       61.31         51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9960       41.61         63.5       587,213       63,410	48.5	3,916,882	47,561	0.0121	0.9879	63.20
51.5       2,920,276       29,885       0.0102       0.9898       59.15         52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037	49.5	3,717,830		0.0180	0.9820	62.44
52.5       2,685,919       70,578       0.0263       0.9737       58.54         53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       <	50.5	3,333,617	117,771		0.9647	61.31
53.5       2,389,197       11,188       0.0047       0.9953       57.00         54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769	51.5	2,920,276	29,885	0.0102	0.9898	59.15
54.5       2,211,645       76,153       0.0344       0.9656       56.74         55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.07	52.5	2,685,919	70,578	0.0263	0.9737	58.54
55.5       2,022,680       21,419       0.0106       0.9894       54.78         56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0475 </td <td>53.5</td> <td>2,389,197</td> <td>11,188</td> <td>0.0047</td> <td>0.9953</td> <td>57.00</td>	53.5	2,389,197	11,188	0.0047	0.9953	57.00
56.5       1,712,033       101,321       0.0592       0.9408       54.20         57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.99560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         70.5       97,918       4,653       0.0475	54.5	2,211,645	76,153	0.0344	0.9656	56.74
57.5       1,448,657       18,463       0.0127       0.9873       50.99         58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475	55.5	2,022,680	21,419	0.0106	0.9894	54.78
58.5       1,120,816       13,264       0.0118       0.9882       50.35         59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363 <t< td=""><td>56.5</td><td>1,712,033</td><td>101,321</td><td>0.0592</td><td>0.9408</td><td>54.20</td></t<>	56.5	1,712,033	101,321	0.0592	0.9408	54.20
59.5       975,703       26,810       0.0275       0.9725       49.75         60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0	57.5	1,448,657	18,463		0.9873	50.99
60.5       954,184       5,925       0.0062       0.9938       48.38         61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.996	58.5	1,120,816	13,264	0.0118	0.9882	50.35
61.5       899,174       120,997       0.1346       0.8654       48.08         62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32	59.5	975,703	26,810	0.0275	0.9725	49.75
62.5       715,859       31,471       0.0440       0.9560       41.61         63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32 <td>60.5</td> <td>954,184</td> <td>5,925</td> <td>0.0062</td> <td>0.9938</td> <td>48.38</td>	60.5	954,184	5,925	0.0062	0.9938	48.38
63.5       587,213       63,410       0.1080       0.8920       39.78         64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	61.5	899,174	120,997	0.1346	0.8654	48.08
64.5       450,562       142,037       0.3152       0.6848       35.49         65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	62.5	715,859	31,471	0.0440	0.9560	41.61
65.5       292,657       17,081       0.0584       0.9416       24.30         66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	63.5	587,213	63,410	0.1080	0.8920	39.78
66.5       113,089       1,769       0.0156       0.9844       22.88         67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	64.5	450,562	142,037	0.3152	0.6848	35.49
67.5       91,772       6,556       0.0714       0.9286       22.52         68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	65.5	· ·	· · · · · · · · · · · · · · · · · · ·	0.0584	0.9416	24.30
68.5       81,994       2,835       0.0346       0.9654       20.91         69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	66.5	113,089		0.0156	0.9844	22.88
69.5       83,415       4,522       0.0542       0.9458       20.19         70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	67.5	·	6,556	0.0714	0.9286	22.52
70.5       97,918       4,653       0.0475       0.9525       19.10         71.5       92,600       21,884       0.2363       0.7637       18.19         72.5       72,923       18,541       0.2543       0.7457       13.89         73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	68.5	81,994	2,835	0.0346	0.9654	20.91
71.5     92,600     21,884     0.2363     0.7637     18.19       72.5     72,923     18,541     0.2543     0.7457     13.89       73.5     46,665     176     0.0038     0.9962     10.36       74.5     45,857     0.0000     1.0000     10.32       75.5     46,839     1,412     0.0302     0.9698     10.32	69.5	83,415		0.0542	0.9458	20.19
72.5     72,923     18,541     0.2543     0.7457     13.89       73.5     46,665     176     0.0038     0.9962     10.36       74.5     45,857     0.0000     1.0000     10.32       75.5     46,839     1,412     0.0302     0.9698     10.32	70.5	97,918	4,653	0.0475	0.9525	19.10
73.5       46,665       176       0.0038       0.9962       10.36         74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	71.5	92,600	21,884	0.2363	0.7637	18.19
74.5       45,857       0.0000       1.0000       10.32         75.5       46,839       1,412       0.0302       0.9698       10.32	72.5	72,923	18,541	0.2543	0.7457	13.89
75.5 46,839 1,412 0.0302 0.9698 10.32	73.5	46,665	176	0.0038	0.9962	10.36
		•		0.0000	1.0000	10.32
76.5 78,419 1,661 0.0212 0.9788 10.01	75.5	46,839	1,412	0.0302	0.9698	10.32
	76.5	78,419	1,661	0.0212	0.9788	10.01
77.5 76,757 4,954 0.0645 0.9355 9.80	77.5	76,757	4,954	0.0645	0.9355	9.80
78.5 70,417 41 0.0006 0.9994 9.16	78.5	70,417	41	0.0006	0.9994	9.16

### ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1900-2014		EXPE	RIENCE BAN	0 1995-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	70,376 69,394 50,034 40,338 37,196 37,196 37,196 32,544 31,917 31,259	18 141 627	0.0000 0.0003 0.0000 0.0035 0.0000 0.0000 0.0000 0.0193 0.0000	1.0000 0.9997 1.0000 0.9965 1.0000 1.0000 0.9807 1.0000 1.0000	9.16 9.16 9.16 9.12 9.12 9.12 9.12 8.95 8.95
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	29,904 28,596 28,596 26,782 26,782 244,880 244,880 244,880 461,906 27,855	446 17,100	0.0000	1.0000 1.0000 0.9844 1.0000 0.3615 1.0000 1.0000 1.0000	8.95 8.95 8.95 8.81 8.81 3.18 3.18 3.18 3.18
99.5 100.5 101.5 102.5 103.5	27,855 27,855 12,971		0.0000	1.0000	3.18 3.18 3.18

KCP&L - GREATER MISSOURI OPERATIONS ECORP, MPS AND L&P JURISDICTIONS ACCOUNT 364 POLES, TOWERS AND FIXTURES ORIGINAL AND SMOOTH SURVIVOR CURVES



## ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT :	BAND 1924-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS		•	PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
	000 110 116				
0.0	232,119,116	236,485	0.0010	0.9990	100.00
0.5	209,534,594	367,975	0.0018	0.9982	99.90
1.5	203,471,128	98,038	0.0005	0.9995	99.72
2.5	194,573,342	506,020	0.0026	0.9974	99.67
3.5	183,275,207	122,140	0.0007	0.9993	99.42
4.5	175,918,822	227,404	0.0013	0.9987	99.35
5.5	169,667,514	93,068	0.0005	0.9995	99.22
6.5	159,421,417	14,476	0.0001	0.9999	99.17
7.5	153,917,538	83,977	0.0005	0.9995	99.16
8.5	147,176,409	58,231	0.0004	0.9996	99.10
9.5	141,635,454	54,662	0.0004	0.9996	99.06
10.5	137,847,045	69,093	0.0005	0.9995	99.03
11.5	132,712,758	44,611	0.0003	0.9997	98.98
12.5	124,837,231	59,129	0.0005	0.9995	98.94
13.5	119,759,175	38,539	0.0003	0.9997	98.90
14.5	115,387,309	47,368	0.0004	0.9996	98.86
15.5	110,251,180	62,367	0.0006	0.9994	98.82
16.5	107,283,223	59,662	0.0006	0.9994	98.77
17.5	101,931,366	57,032	0.0006	0.9994	98.71
18.5	97,628,517	45,176	0.0005	0.9995	98.66
19.5	94,487,625	48,814	0.0005	0.9995	98.61
20.5	90,869,262	66,062	0.0007	0.9993	98.56
21.5	86,788,884	47,786	0.0006	0.9994	98.49
22.5	81,655,601	80,433	0.0010	0.9990	98.44
23.5	75,949,751	117,307	0.0015	0.9985	98.34
24.5	70,451,711	134,630	0.0019	0.9981	98.19
25.5	65,993,462	136,052	0.0021	0.9979	98.00
26.5	61,440,841	114,991	0.0019	0.9981	97.80
27.5	57,684,096	195,014	0.0034	0.9966	97.61
28.5	52,980,511	246,063	0.0046	0.9954	97.28
29.5	48,850,406	480,483	0.0098	0.9902	96.83
30.5	44,604,763	644,535	0.0144	0.9856	95.88
31.5	44,785,129	722,819	0.0161	0.9839	94.49
32.5	40,444,397	747,828	0.0185	0.9815	92.97
33.5	36,127,344	728,309	0.0202	0.9798	91.25
34.5	32,366,904	539,174	0.0167	0.9833	89.41
35.5	28,996,649	508,743	0.0175	0.9825	87.92
36.5	29,386,957	585,767	0.0199	0.9801	86.38
37.5	27,011,212	374,263	0.0139	0.9861	84.66
38.5	24,876,338	392,334	0.0158	0.9842	83.48
		•			

## ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT	BAND 1924-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	22,955,062	410,620	0.0179	0.9821	82.17
40.5	20,709,605	419,001	0.0202	0.9798	80.70
41.5	18,200,321	488,936	0.0269	0.9731	79.06
42.5	15,888,689	470,323	0.0296	0.9704	76.94
43.5	13,984,588	577,671	0.0413	0.9587	74.66
44.5	12,171,599	307,814	0.0253	0.9747	71.58
45.5	11,662,655	337,408	0.0289	0.9711	69.77
46.5	11,092,662	440,033	0.0397	0.9603	67.75
47.5	10,483,401	316,803	0.0302	0.9698	65.06
48.5	6,301,573	239,646	0.0380	0.9620	63.10
49.5	5,815,729	235,132	0.0404	0.9596	60.70
50.5	5,404,120	231,854	0.0429	0.9571	58.24
51.5	4,984,263	188,640	0.0378	0.9622	55.74
52.5	4,584,754	267,087	0.0583	0.9417	53.63
53.5	1,621,400	154,023	0.0950	0.9050	50.51
54.5	1,313,087	116,948	0.0891	0.9109	45.71
55.5	1,053,868	158,722	0.1506	0.8494	41.64
56.5	504,253	45,586	0.0904	0.9096	35.37
57.5	346,000	16,804	0.0486	0.9514	32.17
58.5	293,572	17,250	0.0588	0.9412	30.61
59.5	207,128	13,601	0.0657	0.9343	28.81
60.5	194,955	13,638	0.0700	0.9300	26.92
61.5	179,816	20,786	0.1156	0.8844	25.04
62.5	171,788	21,817	0.1270	0.8730	22.14
63.5	146,499	5,801	0.0396	0.9604	19.33
64.5	156,461	3,809	0.0243	0.9757	18.56
65.5	146,180	1,965	0.0134	0.9866	18.11
66.5	136,999	2,158	0.0158	0.9842	17.87
67.5	128,236	1,598	0.0125	0.9875	17.59
68.5	111,951	970	0.0087	0.9913	17.37
69.5	110,537	1,278	0.0116	0.9884	17.22
70.5	109,025	1,414	0.0130	0.9870	17.02
71.5	107,429	1,118	0.0104	0.9896	16.80
72.5	105,254	999	0.0095	0.9905	16.62
73.5	85,734	1,751	0.0204	0.9796	16.47
74.5	83,617	884	0.0106	0.9894	16.13
75.5	82,296	772	0.0094	0.9906	15.96
76.5	79,488	2,428	0.0306	0.9694	15.81
77.5	70,328	5,242	0.0745	0.9255	15.33
78.5	65,043	1,658	0.0255	0.9745	14.18

### ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT	BAND 1924-2014		EXPER	RIENCE BAN	D 1960-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	63,313	2,717	0.0429	0.9571	13.82
80.5	60,567	4,159	0.0687	0.9313	13.23
81.5	16,112	625	0.0388	0.9612	12.32
82.5	15,201	419	0.0276	0.9724	11.84
83.5	14,749	865	0.0586	0.9414	11.52
84.5	13,876	3,153	0.2272	0.7728	10.84
85.5	10,723	5,324	0.4965	0.5035	8.38
86.5	5,399	565	0.1046	0.8954	4.22
87.5	4,834	893	0.1847	0.8153	3.78
88.5	3,941	1,244	0.3157	0.6843	3.08
89.5					2.11

### ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT	BAND 1924-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	205,492,677	221,041	0.0011	0.9989	100.00
0.5	184,674,675	366,614	0.0020	0.9980	99.89
1.5	178,379,471	95,793	0.0005	0.9995	99.69
2.5	171,075,280	505,680	0.0030	0.9970	99.64
3.5	161,220,801	121,399	0.0008	0.9992	99.35
4.5	153,753,145	225,986	0.0015	0.9985	99.27
5.5	149,584,873	89,076	0.0006	0.9994	99.13
6.5	140,542,837	9,822	0.0001	0.9999	99.07
7.5	136,432,359	81,087	0.0006	0.9994	99.06
8.5	131,386,465	56,975	0.0004	0.9996	99.00
9.5	125,945,862	45,649	0.0004	0.9996	98.96
10.5	123,373,589	61,665	0.0005	0.9995	98.92
11.5	119,034,124	38,513	0.0003	0.9997	98.87
12.5	112,198,522	53,227	0.0005	0.9995	98.84
13.5	107,573,261	32,783	0.0003	0.9997	98.79
14.5	104,216,680	35,910	0.0003	0.9997	98.76
15.5	99,750,473	37,293	0.0004	0.9996	98.73
16.5	97,984,148	36,655	0.0004	0.9996	98.69
17.5	93,389,460	46,354	0.0005	0.9995	98.66
18.5	88,953,748	37,985	0.0004	0.9996	98.61
19.5	86,032,164	32,643	0.0004	0.9996	98.56
20.5	84,526,449	43,403	0.0005	0.9995	98.53
21.5	80,690,770	29,793	0.0004	0.9996	98.48
22.5	75,421,061	44,213	0.0006	0.9994	98.44
23.5	71,820,421	64,355	0.0009	0.9991	98.38
24.5	66,532,834	67,270	0.0010	0.9990	98.29
25.5	62,920,397	83,267	0.0013	0.9987	98.19
26.5	58,182,598	96,143	0.0017	0.9983	98.06
27.5	54,520,563	115,127	0.0021	0.9979	97.90
28.5	50,945,896	137,417	0.0021	0.9973	97.70
20.5	•		0.0027		
29.5	47,037,065	263,795	0.0056	0.9944	97.43
30.5	43,144,871	411,554	0.0095	0.9905	96.89
31.5	43,590,790	465,835	0.0107	0.9893	95.96
32.5	39,935,351	595,470	0.0149	0.9851	94.94
33.5	35,778,434	663,119	0.0185	0.9815	93.52
34.5	32,088,188	484,051	0.0151	0.9849	91.79
35.5	28,718,340	489,761	0.0171	0.9829	90.40
36.5	29,137,234	563,203	0.0193	0.9807	88.86
37.5	26,800,391	371,996	0.0139	0.9861	87.14
38.5	24,668,390	384,767	0.0156	0.9844	85.93

## ACCOUNT 364 POLES, TOWERS AND FIXTURES

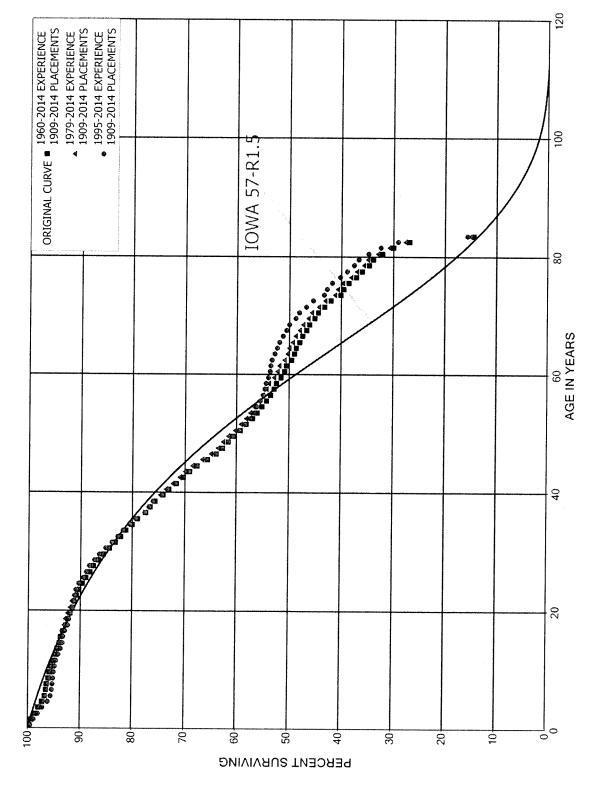
PLACEMENT	BAND 1924-2014		EXPE	RIENCE BAN	ID 1979-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	22,755,979	407,751	0.0179	0.9821	84.59
40.5	20,523,565	413,780	0.0202	0.9798	83.08
41.5	18,038,531	487,365	0.0270	0.9730	81.40
42.5	15,718,081	449,642	0.0286	0.9714	79.20
43.5	13,834,883	576,226	0.0417	0.9583	76.94
44.5	12,022,430	307,023	0.0255	0.9745	73.73
45.5	11,544,240	336,531	0.0292	0.9708	71.85
46.5	10,986,785	439,604	0.0400	0.9600	69.76
47.5	10,379,804	316,532	0.0305	0.9695	66.96
48.5	6,200,925	239,381	0.0386	0.9614	64.92
49.5	5,720,143	234,942	0.0411	0.9589	62.42
50.5	5,378,116	231,747	0.0431	0.9569	59.85
51.5	4,958,366	188,027	0.0379	0.9621	57.27
52.5	4,559,470	267,004	0.0586	0.9414	55.10
53.5	1,596,222	150,731	0.0944	0.9056	51.87
54.5	1,313,087	116,948	0.0891	0.9109	46.98
55.5	1,053,868	158,722	0.1506	0.8494	42.79
56.5	504,253	45,586	0.0904	0.9096	36.35
57.5	346,000	16,804	0.0486	0.9514	33.06
58.5	293,572	17,250	0.0588	0.9412	31.46
59.5	207,128	13,601	0.0657	0.9343	29.61
60.5	194,955	13,638	0.0700	0.9300	27.66
61.5	179,816	20,786	0.1156	0.8844	25.73
62.5	171,788	21,817	0.1270	0.8730	22.75
63.5	146,499	5,801	0.0396	0.9604	19.86
64.5	156,461	3,809	0.0243	0.9757	19.08
65.5	146,180	1,965	0.0134	0.9866	18.61
66.5	136,999	2,158	0.0158	0.9842	18.36
67.5	128,236	1,598	0.0125	0.9875	18.07
68.5	111,951	970	0.0087	0.9913	17.85
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	110,537 109,025 107,429 105,254 85,734 83,617 82,296 79,488 70,328 65,043	1,278 1,414 1,118 999 1,751 884 772 2,428 5,242 1,658	0.0116 0.0130 0.0104 0.0095 0.0204 0.0106 0.0094 0.0306 0.0745 0.0255	0.9884 0.9870 0.9896 0.9905 0.9796 0.9894 0.9906 0.9694 0.9255 0.9745	17.69 17.49 17.26 17.08 16.92 16.58 16.40 16.25 15.75 14.58

## ACCOUNT 364 POLES, TOWERS AND FIXTURES

#### ORIGINAL LIFE TABLE, CONT.

#### EXPERIENCE BAND 1979-2014 PLACEMENT BAND 1924-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 2,717 63,313 0.0429 0.9571 14.20 4,159 0.0687 80.5 60,567 0.9313 13.59 81.5 16,112 0.0388 0.9612 625 12.66 82.5 15,201 0.0276 419 0.9724 12.17 83.5 14,749 865 0.0586 0.9414 11.83 84.5 13,876 3,153 0.2272 0.7728 11.14 85.5 10,723 5,324 0.4965 0.5035 8.61 86.5 5,399 565 0.1046 0.8954 4.33 87.5 4,834 893 0.1847 0.8153 3.88 88.5 3,941 1,244 0.3157 0.6843 3.16 89.5 2.17

KCP&L - GREATER MISSOURI OPERATIONS
ECORP, MPS AND L&P JURISDICTIONS
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



### ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1909-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	165,601,401	555,327	0.0034	0.9966	100.00
0.5	156,008,018	669,158	0.0043	0.9957	99.66
1.5	151,879,149	874,099	0.0058	0.9942	99.24
2.5	145,222,912	1,011,602	0.0070	0.9930	98.67
3.5	137,966,472	1,045,876	0.0076	0.9924	97.98
4.5	131,404,086	645,151	0.0049	0.9951	97.24
5.5	125,306,391	319,492	0.0025	0.9975	96.76
6.5	116,451,388	169,971	0.0015	0.9985	96.51
7.5	110,008,853	338,021	0.0031	0.9969	96.37
8.5	101,879,484	279,560	0.0027	0.9973	96.07
9.5	94,273,112	282,890	0.0030	0.9970	95.81
10.5	89,309,588	296,901	0.0033	0.9967	95.52
11.5	86,658,002	432,867	0.0050	0.9950	95.21
12.5	83,032,701	322,715	0.0039	0.9961	94.73
13.5	79,743,261	298,672	0.0037	0.9963	94.36
14.5	76,709,241	257,355	0.0034	0.9966	94.01
15.5	72,830,050	305,697	0.0042	0.9958	93.69
16.5	70,815,054	397,820	0.0056	0.9944	93.30
17.5	65,903,767	244,304	0.0037	0.9963	92.78
18.5	63,122,873	308,449	0.0049	0.9951	92.43
19.5	60,951,625	294,236	0.0048	0.9952	91.98
20.5	58,141,277	225,692	0.0039	0.9961	91.54
21.5	54,923,013	247,335	0.0045	0.9955	91.18
22.5	51,648,922	247,148	0.0048	0.9952	90.77
23.5	48,652,243	388,570	0.0080	0.9920	90.34
24.5	43,337,311	343,144	0.0079	0.9921	89.61
25.5	40,570,559	335,459	0.0083	0.9917	88.91
26.5	38,288,159	299,955	0.0078	0.9922	88.17
27.5	36,291,518	403,114	0.0111	0.9889	87.48
28.5	33,650,015	354,120	0.0105	0.9895	86.51
29.5	31,285,085	431,032	0.0138	0.9862	85.60
30.5	29,305,836	406,011	0.0139	0.9861	84.42
31.5	30,162,189	342,347	0.0114	0.9886	83.25
32.5	27,990,676	328,746	0.0117	0.9883	82.30
33.5	25,589,212	398,634	0.0156	0.9844	81.34
34.5	23,671,142	305,389	0.0129	0.9871	80.07
35.5	22,102,739	433,786	0.0196	0.9804	79.04
36.5	21,785,769	234,590	0.0108	0.9892	77.49
37.5	19,976,890	250,800	0.0126	0.9874	76.65
38.5	18,202,295	363,279	0.0200	0.9800	75.69

## ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1909-2014		EXPE	RIENCE BAN	D 1960-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	16,739,062	252,414	0.0151	0.9849	74.18
40.5	15,302,926	308,921	0.0202	0.9798	73.06
41.5	13,678,110	248,803	0.0182	0.9818	71.58
42.5	12,225,083	206,793	0.0169	0.9831	70.28
43.5	11,253,971	245,900	0.0219	0.9781	69.09
44.5	10,124,314	290,258	0.0287	0.9713	67.58
45.5	9,739,521	243,594	0.0250	0.9750	65.65
46.5	9,391,246	190,853	0.0203	0.9797	64.00
47.5	9,154,497	151,064	0.0165	0.9835	62.70
48.5	6,704,882	108,269	0.0161	0.9839	61.67
49.5	6,544,584	144,843	0.0221	0.9779	60.67
50.5	6,320,975	121,178	0.0192	0.9808	59.33
51.5	6,147,949	128,285	0.0209	0.9791	58.19
52.5	5,997,257	100,148	0.0167	0.9833	56.98
53.5	4,655,327	66,312	0.0142	0.9858	56.03
54.5	4,515,984	76,003	0.0168	0.9832	55.23
55.5	4,349,178	64,309	0.0148	0.9852	54.30
56.5	3,582,897	42,063	0.0117	0.9883	53.50
57.5	3,443,802	30,412	0.0088	0.9912	52.87
58.5	3,352,426	57,430	0.0171	0.9829	52.40
59.5	2,674,030	36,025	0.0135	0.9865	51.50
60.5	2,606,759	14,476	0.0056	0.9944	50.81
61.5	2,222,594	46,048	0.0207	0.9793	50.53
62.5	2,129,781	21,766	0.0102	0.9898	49.48
63.5	2,064,728	15,901	0.0077	0.9923	48.98
64.5	1,409,156	17,527	0.0124	0.9876	48.60
65.5	1,301,555	14,908	0.0115	0.9885	47.99
66.5	1,173,700	19,338	0.0165	0.9835	47.44
67.5	1,114,271	13,355	0.0120	0.9880	46.66
68.5	666,339	15,387	0.0231	0.9769	46.10
69.5	643,907	8,438	0.0131	0.9869	45.04
70.5	627,733	18,574	0.0296	0.9704	44.45
71.5	605,983	16,625	0.0274	0.9726	43.13
72.5	583,882	26,555	0.0455	0.9545	41.95
73.5	425,289	5,904	0.0139	0.9861	40.04
74.5	409,056	10,015	0.0245	0.9755	39.49
75.5	387,645	14,377	0.0371	0.9629	38.52
76.5	367,742	11,522	0.0313	0.9687	37.09
77.5	161,553	5,706	0.0353	0.9647	35.93
78.5	152,574	3,507	0.0230	0.9770	34.66

#### ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

#### ORIGINAL LIFE TABLE, CONT.

#### PLACEMENT BAND 1909-2014 EXPERIENCE BAND 1960-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO INTERVAL RATIO 79.5 147,871 7,913 0.0535 0.9465 33.86 80.5 139,543 9,271 0.0664 0.9336 32.05 81.5 57,472 5,943 0.1034 0.8966 29.92 82.5 36,803 17,002 0.4620 26.83 0.5380 83.5 17,537 2,239 0.1277 0.8723 14.43 84.5 8,036 599 0.0745 0.9255 12.59 85.5 3,434 625 0.1819 0.8181 11.65 86.5 1,155 108 0.0933 0.9067 9.53 87.5 1,047 11 0.0101 0.9899 8.64 1,036 88.5 179 0.1732 0.8268 8.56 89.5 1 0.0000 1.0000 7.07 90.5 0.0000 1.0000 1 7.07 1 91.5 1 1.0000 7.07

92.5

## ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1909-2014		EXPER	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	144,202,747	541,164	0.0038	0.9962	100.00
0.5	136,239,695	666,220	0.0049	0.9951	99.62
1.5	132,504,006	847,315	0.0064	0.9936	99.14
2.5	127,486,993	950,544	0.0075	0.9925	98.50
3.5	121,728,601	991,360	0.0081	0.9919	97.77
4.5	115,070,539	565,032	0.0049	0.9951	96.97
5.5	110,641,048	271,414	0.0025	0.9975	96.50
6.5	102,647,836	146,357	0.0014	0.9986	96.26
7.5	97,281,851	305,095	0.0031	0.9969	96.12
8.5	90,438,177	218,822	0.0024	0.9976	95.82
9.5	83,226,296	197,722	0.0024	0.9976	95.59
10.5	79,154,682	208,795	0.0026	0.9974	95.36
11.5	77,045,733	363,697	0.0047	0.9953	95.11
12.5	74,275,446	281,940	0.0038	0.9962	94.66
13.5	71,469,279	255,355	0.0036	0.9964	94.30
14.5	69,278,640	154,876	0.0022	0.9978	93.97
15.5	65,979,001	217,238	0.0033	0.9967	93.76
16.5	64,998,217	304,211	0.0047	0.9953	93.45
17.5	60,509,023	169,151	0.0028	0.9972	93.01
18.5	57,738,123	284,268	0.0049	0.9951	92.75
19.5	55,745,562	274,511	0.0049	0.9951	92.29
20.5	53,919,227	190,134	0.0035	0.9965	91.84
21.5	50,908,453	225,458	0.0044	0.9956	91.51
22.5	47,466,896	172,740	0.0036	0.9964	91.11
23.5	45,699,265	382,911	0.0084	0.9916	90.78
24.5	40,470,455	340,820	0.0084	0.9916	90.02
25.5	38,172,519	323,490	0.0085	0.9915	89.26
26.5	35,501,955	296,715	0.0084	0.9916	88.50
27.5	33,521,303	395,737	0.0118	0.9882	87.76
28.5	31,624,292	346,025	0.0109	0.9891	86.73
29.5	29,341,301	419,671	0.0143	0.9857	85.78
30.5	27,459,469	377,547	0.0137	0.9863	84.55
31.5	28,333,949	325,695	0.0115	0.9885	83.39
32.5	26,727,570	309,759	0.0116	0.9884	82.43
33.5	24,360,409	378,033	0.0155	0.9845	81.47
34.5	22,478,834	280,620	0.0125	0.9875	80.21
35.5	20,695,408	407,608	0.0197	0.9803	79.21
36.5	20,417,776	203,253	0.0100	0.9900	77.65
37.5	18,833,866	222,730	0.0118	0.9882	76.88
38.5	17,099,804	316,315	0.0185	0.9815	75.97

## ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1909-2014		EXPE	RIENCE BAN	D 1979-2014
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	15,696,200	219,895	0.0140	0.9860	74.56
40.5	14,299,372	266,400	0.0186	0.9814	73.52
41.5	13,001,669	229,974	0.0177	0.9823	72.15
42.5	11,569,389	176,936	0.0153	0.9847	70.87
43.5	10,629,410	218,120	0.0205	0.9795	69.79
44.5	9,526,239	262,707	0.0276	0.9724	68.36
45.5	9,401,995	230,011	0.0245	0.9755	66.47
46.5	9,100,784	188,808	0.0207	0.9793	64.84
47.5	8,875,140	145,552	0.0164	0.9836	63.50
48.5	6,455,839	100,821	0.0156	0.9844	62.46
49.5	6,338,860	129,778	0.0205	0.9795	61.48
50.5	6,219,353	115,527	0.0186	0.9814	60.22
51.5	6,051,978	105,339	0.0174	0.9826	59.10
52.5	5,924,232	85,905	0.0145	0.9855	58.08
53.5	4,596,545	52,609	0.0114	0.9886	57.23
54.5	4,515,512	76,003	0.0168	0.9832	56.58
55.5	4,348,706	64,309	0.0148	0.9852	55.63
56.5	3,582,638	42,063	0.0117	0.9883	54.80
57.5	3,443,543	30,412	0.0088	0.9912	54.16
58.5	3,352,167	57,430	0.0171	0.9829	53.68
59.5	2,673,771	36,025	0.0135	0.9865	52.76
60.5	2,606,500	14,476	0.0056	0.9944	52.05
61.5	2,222,335	46,048	0.0207	0.9793	51.76
62.5	2,129,522	21,766	0.0102	0.9898	50.69
63.5	2,064,469	15,901	0.0077	0.9923	50.17
64.5	1,408,897	17,527	0.0124	0.9876	49.79
65.5	1,301,520	14,908	0.0115	0.9885	49.17
66.5	1,173,665	19,338	0.0165	0.9835	48.60
67.5	1,114,236	13,355	0.0120	0.9880	47.80
68.5	666,338	15,387	0.0231	0.9769	47.23
69.5	643,907	8,438	0.0131	0.9869	46.14
70.5	627,733	18,574	0.0296	0.9704	45.53
71.5	605,983	16,625	0.0274	0.9726	44.19
72.5	583,882	26,555	0.0455	0.9545	42.97
73.5	425,289	5,904	0.0139	0.9861	41.02
74.5	409,056	10,015	0.0245	0.9755	40.45
75.5	387,645	14,377	0.0371	0.9629	39.46
76.5	367,742	11,522	0.0313	0.9687	38.00
77.5	161,553	5,706	0.0353	0.9647	36.81
78.5	152,574	3,507	0.0230	0.9770	35.51

## ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

#### ORIGINAL LIFE TABLE, CONT.

#### EXPERIENCE BAND 1979-2014 PLACEMENT BAND 1909-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 7,913 0.0535 147,871 0.9465 34.69 9,271 0.0664 80.5 139,543 0.9336 32.83 81.5 57,472 5,943 0.1034 0.8966 30.65 82.5 36,803 17,002 27.48 0.4620 0.5380 83.5 17,537 2,239 0.1277 0.8723 14.79 84.5 0.0745 8,036 599 0.9255 12.90 85.5 3,434 625 0.1819 0.8181 11.94 86.5 1,155 108 0.0933 0.9067 9.77 87.5 1,047 11 0.0101 0.9899 8.85 88.5 1,036 179 0.1732 0.8268 8.76 89.5 1 0.0000 1.0000 7.25 90.5 1 0.0000 1.0000 7.25 1 91.5 1 1.0000 7.25

92.5

## ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1909-2014		EXPE	RIENCE BAN	D 1995-2014
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5	106,118,633 99,035,635 96,725,882 93,480,599 89,127,154 86,278,135	527,961 642,695 792,465 855,638 902,427 484,110	0.0050 0.0065 0.0082 0.0092 0.0101 0.0056	0.9950 0.9935 0.9918 0.9908 0.9899	100.00 99.50 98.86 98.05 97.15 96.17
5.5 6.5 7.5 8.5 9.5	83,127,760 76,387,385 72,066,179 65,978,192 59,742,949	217,788 47,798 94,158 122,579 115,385	0.0026 0.0006 0.0013 0.0019	0.9974 0.9994 0.9987 0.9981	95.63 95.38 95.32 95.19 95.01
10.5 11.5 12.5 13.5 14.5	56,254,317 55,015,163 52,896,351 50,922,102 49,344,822	116,163 283,110 224,243 163,535 97,175	0.0021 0.0051 0.0042 0.0032 0.0020	0.9979 0.9949 0.9958 0.9968 0.9980	94.83 94.64 94.15 93.75 93.45
15.5 16.5 17.5 18.5	46,956,725 46,667,314 43,576,484 42,424,164	171,322 263,677 88,143 144,845	0.0036 0.0057 0.0020 0.0034	0.9964 0.9943 0.9980 0.9966	93.26 92.92 92.40 92.21
19.5 20.5 21.5 22.5 23.5 24.5	41,750,640 40,485,035 38,981,391 37,006,391 35,158,874 31,199,384	181,109 113,755 83,471 90,912 218,966 305,832	0.0043 0.0028 0.0021 0.0025 0.0062 0.0098	0.9957 0.9972 0.9979 0.9975 0.9938 0.9902	91.90 91.50 91.24 91.05 90.82 90.26
25.5 26.5 27.5 28.5 29.5	29,439,263 27,674,431 26,334,149 24,467,463	170,635 193,391 271,693 268,138	0.0058 0.0070 0.0103 0.0110 0.0144	0.9942 0.9930 0.9897 0.9890	89.37 88.85 88.23 87.32
30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	23,090,466 21,970,903 23,330,322 21,749,837 19,518,845 17,800,103 16,193,832 16,851,409 15,261,046 13,665,721	299,812 297,941 264,951 325,751 238,027 360,088 177,725 154,392 298,092	0.0144 0.0136 0.0128 0.0122 0.0167 0.0134 0.0222 0.0105 0.0101 0.0218	0.9856 0.9872 0.9878 0.9833 0.9866 0.9778 0.9895 0.9899 0.9782	85.12 83.96 82.89 81.88 80.51 79.44 77.67 76.85 76.07

#### ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

#### ORIGINAL LIFE TABLE, CONT.

#### PLACEMENT BAND 1909-2014 EXPERIENCE BAND 1995-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 13,177,325 208,327 0.0158 0.9842 74.41 40.5 11,861,088 250,844 0.0211 0.9789 73.24 41.5 10,750,206 207,050 0.0193 71.69 0.9807 42.5 70.31 9,404,218 153,379 0.0163 0.9837 43.5 8,537,934 0.0218 69.16 186,378 0.9782 44.5 8,182,762 235,153 0.0287 67.65 0.9713 45.5 7,950,255 196,216 0.0247 0.9753 65.71 46.5 7,770,964 164,350 0.0211 0.9789 64.09 47.5 130,727 0.0171 7,624,083 0.9829 62.73 81,846 0.0144 48.5 5,672,849 0.9856 61.65 49.5 5,548,499 60.77 111,393 0.0201 0.9799 50.5 5,369,500 103,320 0.0192 0.9808 59.55 58.40 51.5 5,216,768 87,093 0.0167 0.9833 52.5 5,116,476 71,932 0.0141 0.9859 57.42 53.5 3,951,081 33,558 0.0085 0.9915 56.62 54.5 3,848,188 46,790 0.0122 0.9878 56.14 55.5 3,712,017 36,405 0.0098 0.9902 55.45 54.91 56.5 2,980,824 14,487 0.0049 0.9951 57.5 3,112,106 12,957 0.0042 0.9958 54.64 3,051,317 28,923 0.0095 0.9905 54.42 58.5 59.5 2,402,725 14,301 0.0060 0.9940 53.90 60.5 2,358,895 0.0020 4,829 0.9980 53.58 61.5 2,044,562 8,563 0.0042 0.9958 53.47 0.0090 62.5 2,010,240 18,187 0.9910 53.25 63.5 0.9920 1,955,139 15,727 0.0080 52.76 64.5 1,314,302 13,413 0.0102 0.9898 52.34 65.5 1,236,412 14,896 0.0120 0.9880 51.80 66.5 1,145,606 14,938 0.0130 0.9870 51.18 13,001 0.0119 67.5 1,090,577 50.51 0.9881 0.0230 68.5 643,000 14,795 0.9770 49.91 69.5 623,753 8,438 0.0135 0.9865 48.76 70.5 627,691 18,540 0.0295 0.9705 48.10 71.5 605,975 16,618 0.0274 0.9726 46.68 72.5 583,881 26,555 0.0455 0.9545 45.40 73.5 0.0139 425,288 5,904 0.9861 43.34 74.5 409,055 10,015 0.0245 0.9755 42.74 75.5 387,644 14,377 0.0371 0.9629 41.69 76.5 367,741 11,522 0.0313 40.14 0.9687 77.5 161,552 5,706 0.0353 0.9647 38.89 78.5 152,573 3,507 0.0230 0.9770 37.51

#### ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

#### ORIGINAL LIFE TABLE, CONT.

#### PLACEMENT BAND 1909-2014 EXPERIENCE BAND 1995-2014 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 147,870 7,913 0.0535 0.9465 36.65 80.5 139,542 9,271 0.0664 0.9336 34.69 81.5 57,471 5,943 0.1034 0.8966 32.38 0.4620 82.5 36,802 17,002 0.5380 29.04 83.5 17,536 2,239 0.1277 15.62 0.8723 84.5 8,035 599 0.0745 0.9255 13.63 85.5 3,434 625 0.1819 0.8181 12.61 86.5 1,155 108 0.0933 0.9067 10.32 0.9899 9.35 87.5 1,047 11 0.0101 88.5 1,036 179 0.1732 0.8268 9.26 89.5 1 0.0000 1.0000 7.66 0.0000 7.66 90.5 1 1.0000 91.5 1.0000 7.66 92.5