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September 20, 2021

VIA ELECTRONIC FILING

Ms. A. Shonta Dunston
Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

RE: Duke Energy Progress, LLC's Informational Filing on Depreciation Study Docket No. E-2, Sub 1219

Dear Ms. Dunston:

Duke Energy Progress, LLC ("DEP" or "the Company") provides this update concerning its depreciation studies. DEP's depreciation studies were last approved, with modifications, in the North Carolina Utilities Commission's ("Commission") April 16, 2021 *Order Accepting Stipulations, Granting Partial Rate Increase and Requiring Customer Notice* issued in Docket No. E-2, Sub 1219. As a result of normal periodic review of the Company's depreciation for compliance with General Accepted Accounting Principles, DEP commissioned updated studies of its depreciation schedules. Based on the results of these studies, the Company has determined that it is appropriate to update certain depreciation schedules pertaining to its nuclear fleet. In accordance with N.C. Gen. Stat. § 62-35(c), DEP is hereby filing its revised depreciation study with the Commission as an informational filing.

Revised Nuclear Depreciation Study Effective April 1, 2021

The combined nuclear fleet of DEP and Duke Energy Carolinas, LLC ("DEC" and together with DEP, "Duke Energy") is comprised of 11 reactors at 6 nuclear stations across Duke Energy's North and South Carolina service territories. For DEP, the fleet consists of 4 reactors at 3 stations (Brunswick, Harris, and Robinson). The Nuclear Regulatory Commission ("NRC") oversees the design, construction, and operations of the nuclear generating facilities in the United States. As part of the NRC regulations, a nuclear license is required to operate a facility. An initial 40-year term is granted for nuclear reactor licenses, and subsequent license renewals are permitted for additional 20-year increments. All Duke Energy-operated nuclear units have received one renewed license for an additional 20 years and are therefore currently licensed to operate for a total life of 60 years. The NRC staff has defined subsequent license renewal ("SLR") to be the period of

extended operation from 60 years to 80 years.

On September 19, 2019, Duke Energy announced its intent to seek SLRs for all of its reactors. Duke Energy's nuclear fleet generates about half of its Carolinas customers' electricity and because the electricity is carbon-free, the nuclear fleet plays a crucial role in Duke Energy's efforts to lower overall carbon emissions by at least 50% by 2030 and be carbon neutral by 2050. Renewing the nuclear licenses will also provide significant value to Duke Energy customers, ensuring a source of reliable and affordable energy for decades to come, as well as continuing to support Carolinas communities through jobs, tax revenues and partnerships. The September 19, 2019 announcement noted that Duke Energy expected to submit the first SLR application for Oconee Nuclear Station in 2021, followed by its other nuclear stations. Duke Energy submitted its SLR application for Oconee Units 1, 2, and 3 ("Oconee") on June 7, 2021, and provided notice to the Commission of such filing. The NRC officially accepted the Oconee application on July 28, 2021.

Duke Energy will schedule the preparation and filing of SLR applications for the rest of its nuclear fleet over the next several years. The SLR regulatory process is well defined, predictable, and provides a pathway for successfully securing approvals of its SLR requests (while still maintaining the rigorous and thorough review of safety and environmental impacts required). Additionally, in recent years, the NRC has approved SLR applications for Florida Power & Light (December 2019), Exelon (March 2020), and Dominion (May 2021); further, several other applications have been submitted to the NRC for review. Therefore, Duke Energy management is confident, based on the NRC's track record to date, that the Oconee SLR application will ultimately be approved, and that the remaining SLR applications for the Carolinas nuclear generation fleet will be submitted and ultimately approved as well.

As mentioned previously, Duke Energy conducts periodic depreciation studies, absent regulatory activity, due to material changes in business conditions. Accordingly, Duke Energy engaged Gannett Fleming to perform depreciation studies to develop analyses and recommendations regarding the impact of the planned SLRs on the depreciable lives of the nuclear stations located in the Carolinas, based on the December 31, 2020 nuclear production plant balances. Based on this assessment and in accordance with accounting guidance that the expected lives of all of Duke Energy's nuclear units should be extended at the same time that the Oconee lives are extended, effective with the June 7, 2021 date of management approval of the Oconee SLR application, DEP has revised the nuclear plant useful lives being used in the calculation of depreciation expense to assume an additional 20 years of nuclear operation, consistent with the SLR application for Oconee.

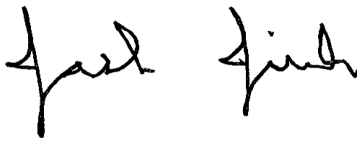
The effective date of April 1, 2021 for the revised nuclear depreciation schedules, provided as Exhibit A, is consistent with guidance from FASB Accounting Standards Codification ("ASC") 250. As outlined in ASC 250, the implementation of these new depreciation schedules is determined to be a change in an accounting estimate because the updated studies are updating the service lives of depreciable nuclear assets. Accordingly, ASC 250 instructs that the change in accounting estimate shall be effective prospectively in the period in which the new depreciation schedules are implemented, as well as future

periods, but will not require restating or retroactively adjusting prior amounts reported. As Duke Energy is required to file quarterly and annual financial reports with the Securities and Exchange Commission, the Company believes it is appropriate, in this context, to define the period for which the revised nuclear depreciation schedules are implemented as the beginning of the quarter in which the triggering event occurred. Therefore, since the triggering event occurred in June 2021, the Company is revising its nuclear depreciation schedules be implemented effective the beginning of the second quarter of 2021 (*i.e.*, April 1, 2021). Accordingly, the finalized study establishing revised depreciation schedules for DEP's nuclear units as of April 1, 2021 results in an approximate annual decrease in depreciation expense of $112.3 million on a total system basis ($69.2 million on a North Carolina retail basis) when applied to end of 2020 nuclear production plant balances

Adoption and implementation of the new depreciation schedules will not involve a change to any of the Company's customer rates at this time, or to any Commission rule, regulation, or policy, with the exception of a minor impact to the Joint Agency Asset Rider ("JAAR").[1]

Thank you for your attention to this matter. If you have any questions, please let me know.

Sincerely,



Enclosure

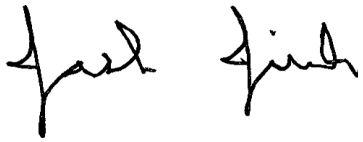
cc: Parties of Record

[1] The decrease in depreciation expense will cause a small decrease in the JAAR of approximately $0.8 million. These amounts will be captured in the tracking of over/under collections retroactive to April 1, 2021, and be trued-up in future rider proceedings.

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Progress, LLC's Informational Filing on Depreciation Study, in Docket No. E-2, Sub 1219, has been served by electronic mail, hand delivery, or by depositing a copy in the United States Mail, 1st Class Postage Prepaid, properly addressed to parties of record.

This the 20th day of September, 2021.



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ATTORNEY FOR DUKE ENERGY PROGRESS, LLC

DUKE ENERGY®
PROGRESS

CHARLOTTE, NORTH CAROLINA

2020 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION
ACCRUALS RELATED TO NUCLEAR PLANT
AS OF DECEMBER 31, 2020

Prepared by:

Gannett Fleming

*Excellence Delivered **As Promised***

DUKE ENERGY PROGRESS

Charlotte, North Carolina

2020 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO NUCLEAR PLANT AS OF DECEMBER 31, 2020

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

Gannett Fleming

Excellence Delivered ***As Promised***

June 18, 2021

Duke Energy Progress
550 S. Tryon Street
Charlotte, NC 28202

Attention: David L. Doss, Jr.
Director Asset Accounting

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the nuclear plant of Duke Energy Progress as of December 31, 2020. 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.

Respectfully submitted,

GANNETT FLEMING VALUATION
AND RATE CONSULTANTS, LLC

John J. Spanos

JOHN J. SPANOS
President

JJS:mle

067949

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EXECUTIVE SUMMARY

Pursuant to Duke Energy Progress' ("DEP" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the nuclear plant as of December 31, 2020. 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 depreciation study results in an overall decrease in depreciation expense. This is primarily related to the extension of the license date of each plant. These changes produce the most appropriate depreciation rates for the Company's nuclear plant accounts over the revised remaining life.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to nuclear plant in service as of December 31, 2020 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 $188.5 million when applied to depreciable plant balances as of December 31, 2020.

PART I. INTRODUCTION

DUKE ENERGY PROGRESS
DEPRECIATION STUDY

PART I. INTRODUCTION

SCOPE

This report sets forth the results of the depreciation study for Duke Energy Progress ("Company"), as applied to specific nuclear plant in service as of December 31, 2020. 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 current nuclear plant in service.

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 2020; the net salvage analyses of historical plant retirement data recorded through 2020; 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 study. 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 a summary 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 all accounts, the annual depreciation was calculated by the straight-line method using the average service life procedure and the remaining life basis. The calculated remaining lives and annual depreciation accrual rates were based on

attained ages of plant in service and the estimated service life and net salvage characteristics of each depreciable group.

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.

Service Life and Net Salvage Estimates

The service life and net salvage estimates used in the depreciation 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 utility property. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts. For all plants, the life span technique was used. In this technique, the date of final retirement was estimated for each unit, and the estimated survivor curves applied to each vintage were truncated at ages coinciding with the date of final retirement.

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.

The estimates of net salvage by account incorporated a review of experienced costs of removal and gross salvage related to plant retirements, and consideration of

trends exhibited by the historical data. Each component of net salvage, i.e., cost of removal and gross salvage, was stated in dollars and as a percent of retirement.

An understanding of the function of the plant and information with respect to the reasons for past retirements and the expected causes of future retirements was obtained through discussions with operating and management personnel. The supplemental information obtained in this manner was considered in the interpretation and extrapolation of the statistical analyses.

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 Iowa 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 Iowa type curves. There are four families in the Iowa 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 Iowa curves were developed at the Iowa 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, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125.

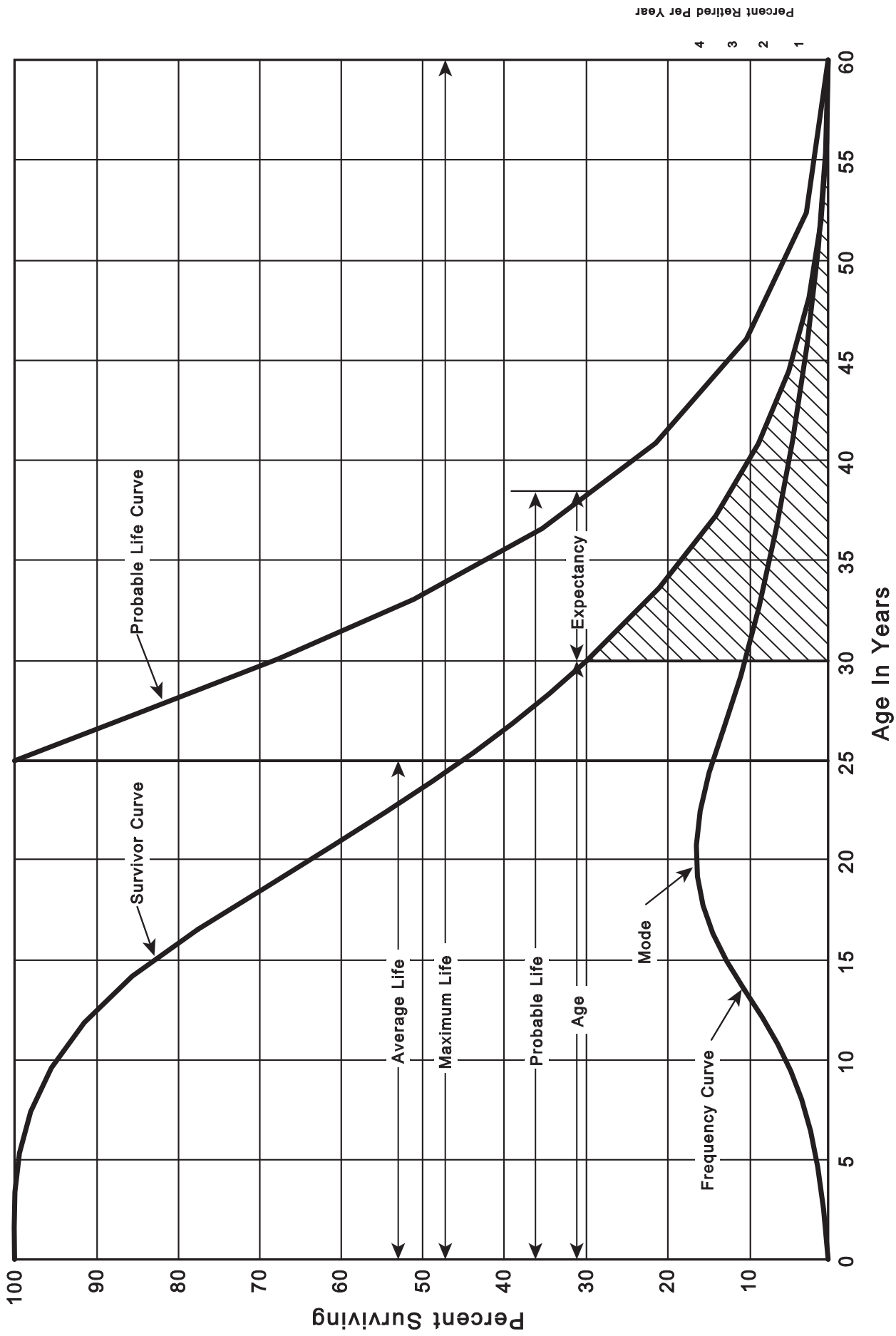


Figure 1. A Typical Survivor Curve and Derived Curves

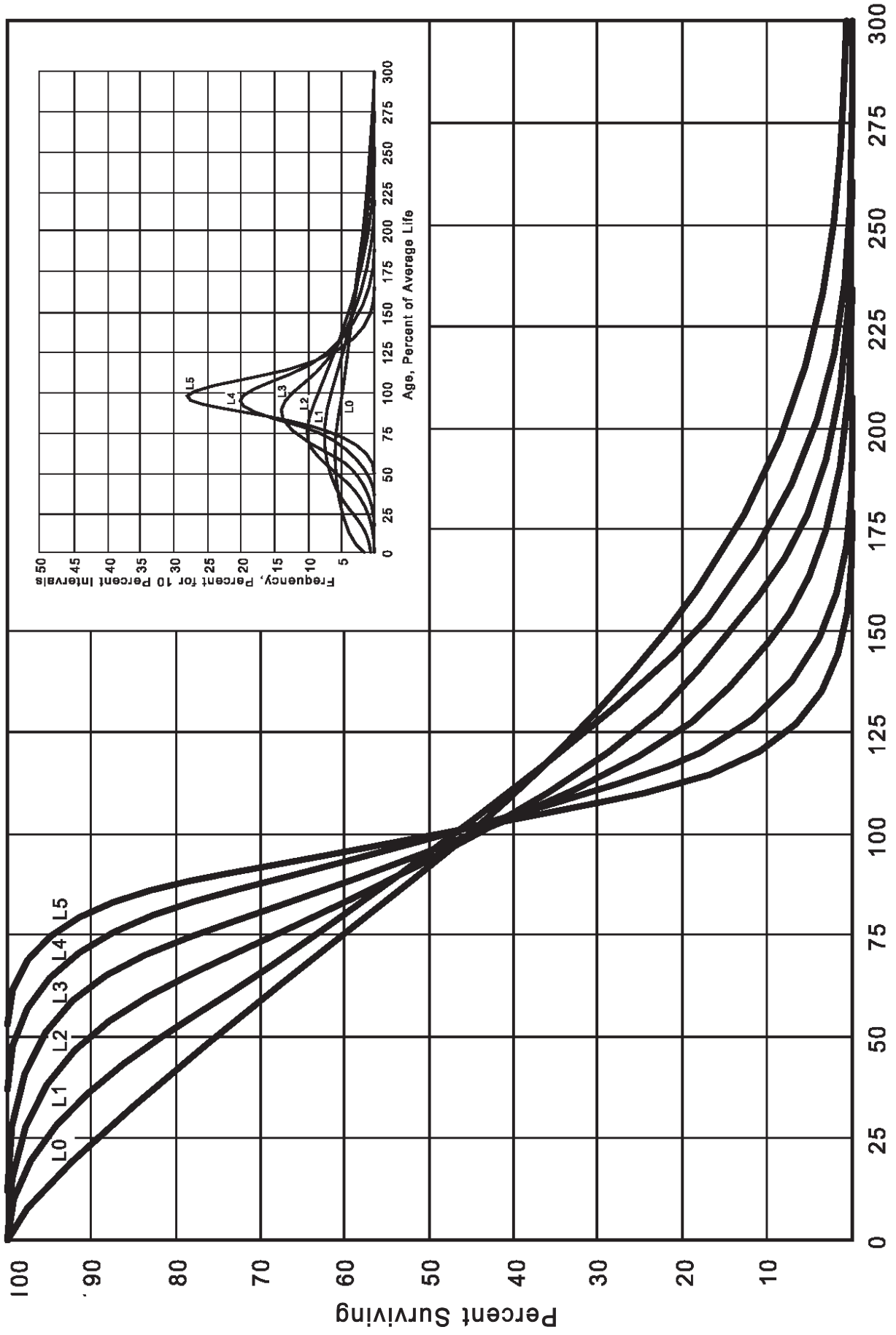


Figure 2. Left Modal or "L" Iowa Type Survivor Curves

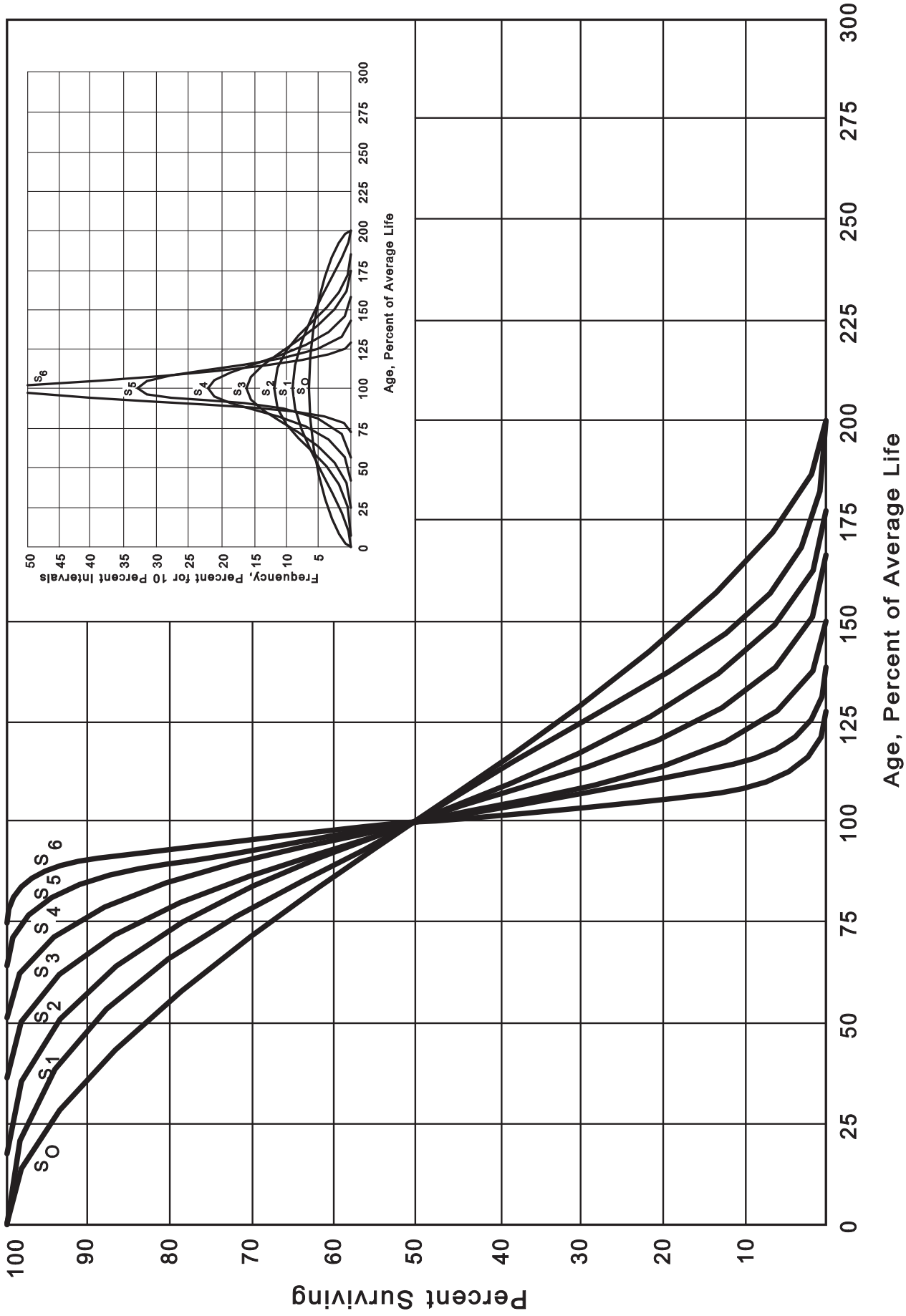


Figure 3. Symmetrical or "S" Iowa Type Survivor Curves

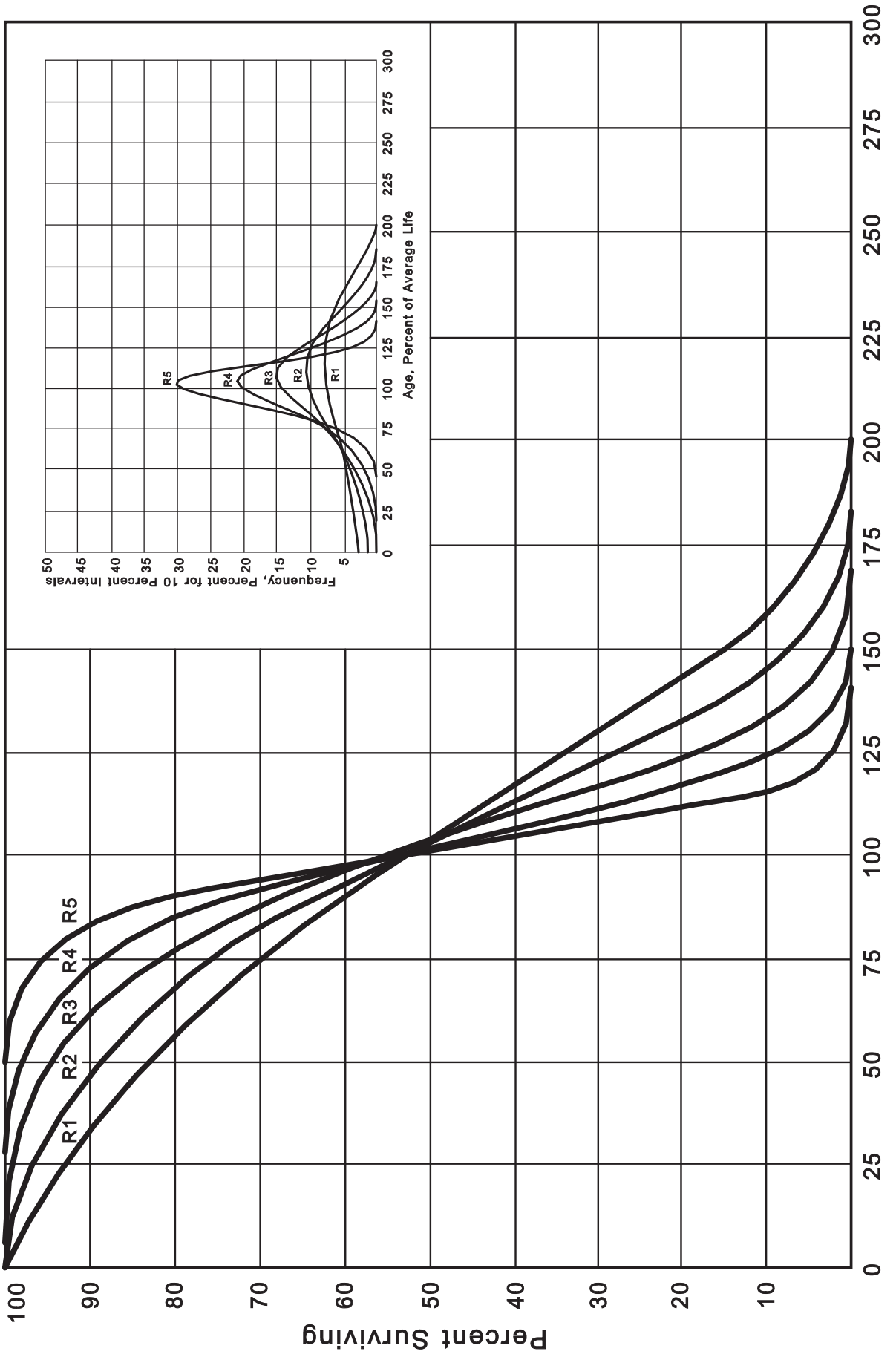


Figure 4. Right Modal or "R" Iowa Type Survivor Curves

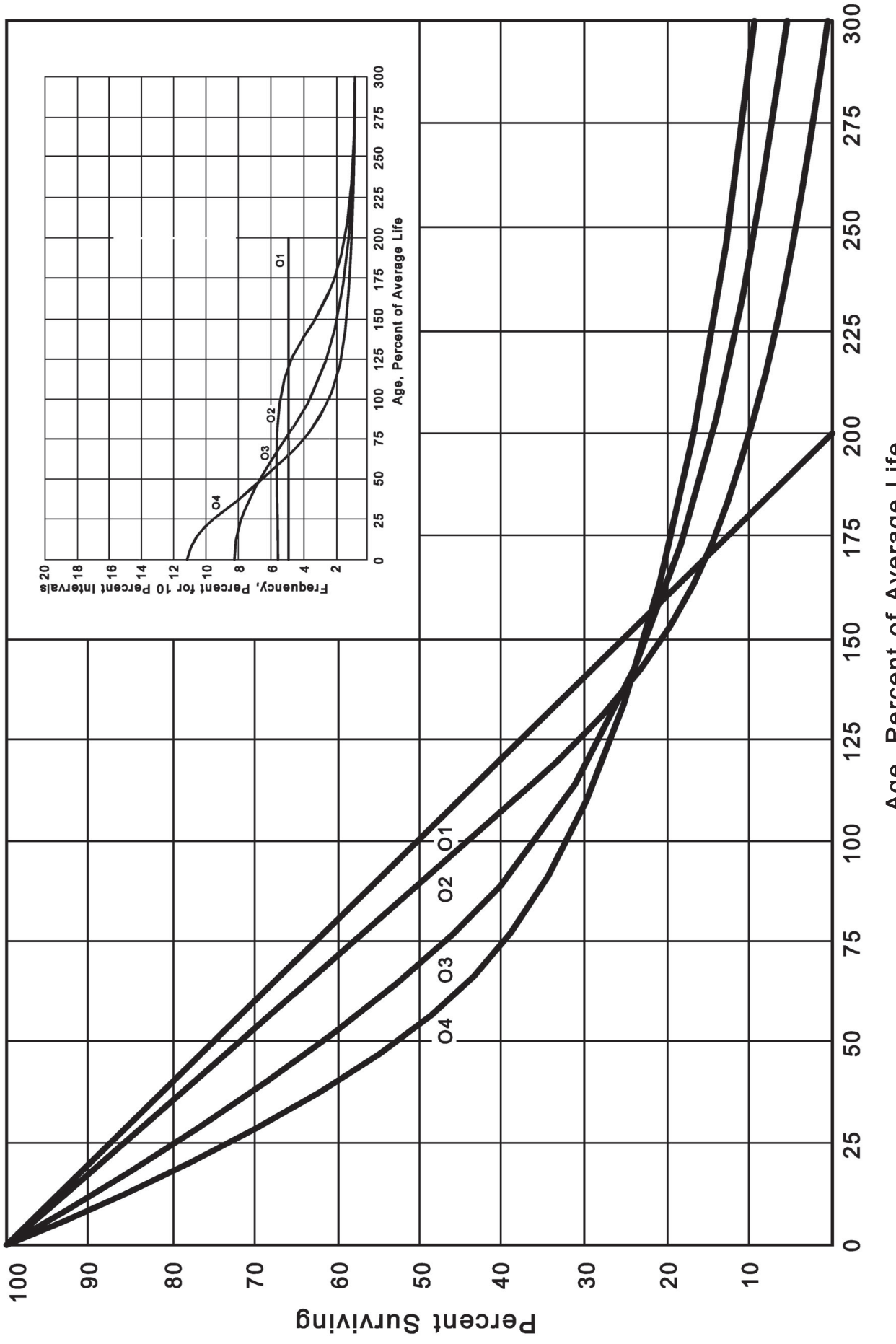


Figure 5. Origin Modal or "O" Iowa Type Survivor Curves

These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation."[1] 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,"[2] "Engineering Valuation and Depreciation,"[3] and "Depreciation Systems."[4]

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

[1]Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

[2]Winfrey, Robley, Statistical Analyses of Industrial Property Retirements. Iowa State College Engineering Experiment Station, Bulletin 125. 1935..

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

[4]Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. 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 2011-2020 during which there were placements during the years 2006-2020. 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 sho2n. 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 2006 were retired in 2011. 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 2011 retirements of 2006 installations and ending with the 2020 retirements of the 2015 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 2011-2020
SUMMARIZED BY AGE INTERVAL

Experience Band 2011-2020

Placement Band 2006-2020

Year Placed	Retirements, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2006	10	11	12	13	14	16	23	24	25	26	26	13½-14½
2007	11	12	13	15	16	18	20	21	22	19	44	12½-13½
2008	11	12	13	14	16	17	19	21	22	18	64	11½-12½
2009	8	9	10	11	11	13	14	15	16	17	83	10½-11½
2010	9	10	11	12	13	14	16	17	19	20	93	9½-10½
2011	4	9	10	11	12	13	14	15	16	20	105	8½-9½
2012		5	11	12	13	14	15	16	18	20	113	7½-8½
2013			6	12	13	15	16	17	19	19	124	6½-7½
2014				6	13	15	16	17	19	19	131	5½-6½
2015					7	14	16	17	19	20	143	4½-5½
2016						8	18	20	22	23	146	3½-4½
2017							9	20	22	25	150	2½-3½
2018								11	23	25	151	1½-2½
2019									11	24	153	½-1½
2020										13	80	0-½
Total	53	68	86	106	128	157	196	231	273	308	1,606	

SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2011-2020
SUMMARIZED BY AGE INTERVAL

Experience Band 2011-2020 Placement Band 2006-2020

Year Placed	Acquisitions, Transfers and Sales, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2006	-	-	-	-	-	-	60[a]	-	-	-	-	13½-14½
2007	-	-	-	-	-	-	-	-	-	-	-	12½-13½
2008	-	-	-	-	-	-	-	-	-	-	-	11½-12½
2009	-	-	-	-	-	-	-	(5)[b]	-	-	60	10½-11½
2010	-	-	-	-	-	-	-	6[a]	-	-	-	9½-10½
2011	-	-	-	-	-	-	-	-	-	-	(5)	8½-9½
2012		-	-	-	-	-	-	-	-	-	6	7½-8½
2013			-	-	-	-	-	-	-	-	-	6½-7½
2014				-	-	-	-	(12)[b]	-	-	-	5½-6½
2015					-	-	-	-	22[a]	-	-	4½-5½
2016						-	-	(19)[b]	-	-	10	3½-4½
2017							-	-	-	-	-	2½-3½
2018								-	-	(102)[c]	(121)	1½-2½
2019									-	-	-	½-1½
2020											-	0-½
Total	-	-	-	-	-	-	60	(30)	22	(102)	(50)	

[a] Transfer Affecting Exposures at Beginning of Year
[b] Transfer Affecting Exposures at End of Year
[c] 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 2011 through 2020 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 additions 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 2016 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 1½	= $742,000 - $18,000	= $724,000
Exposures at age 2½	= $724,000 - $20,000 - $19,000	= $685,000
Exposures at age 3½	= $685,000 - $22,000	= $663,000

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 2011-2020
SUMMARIZED BY AGE INTERVAL

Experience Band 2011-2020

Placement Band 2006-2020

Year Placed	Exposures, Thousands of Dollars Annual Survivors at the Beginning of the Year 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total at Beginning of Age Interval	Age Interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2006	255	245	234	222	209	195	239	216	192	167	167	13½-14½
2007	279	268	256	243	228	212	194	174	153	131	323	12½-13½
2008	307	296	284	271	257	241	224	205	184	162	531	11½-12½
2009	338	330	321	311	300	289	276	262	242	226	823	10½-11½
2010	376	367	357	346	334	321	307	297	280	261	1,097	9½-10½
2011	420[a]	416	407	397	386	374	361	347	332	316	1,503	8½-9½
2012		460[a]	455	444	432	419	405	390	374	356	1,952	7½-8½
2013			510[a]	504	492	479	464	448	431	412	2,463	6½-7½
2014				580[a]	574	561	546	530	501	482	3,057	5½-6½
2015					660[a]	653	639	623	628	609	3,789	4½-5½
2016						750[a]	742	724	685	663	4,332	3½-4½
2017							850[a]	841	821	799	4,955	2½-3½
2018								960[a]	949	926	5,719	1½-2½
2019									1,080[a]	1,069	6,579	½-1½
2020										1,220[a]	7,490	0-½
Total	1,975	2,382	2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780	

[a]Additions during the year

For the entire experience band 2011-2020, 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:

255 + 268 + 284 + 311 + 334 + 374 + 405 + 448 + 501 + 609.

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 4½ to 5½	=	143,000				
Retirement Ratio	=	143,000	÷	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 2011-2020 Placement Band 2006-2020

(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)	(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
					35.66
Total	44,780	1,606			

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 Iowa 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 Iowa 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 Iowa 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 Iowa 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

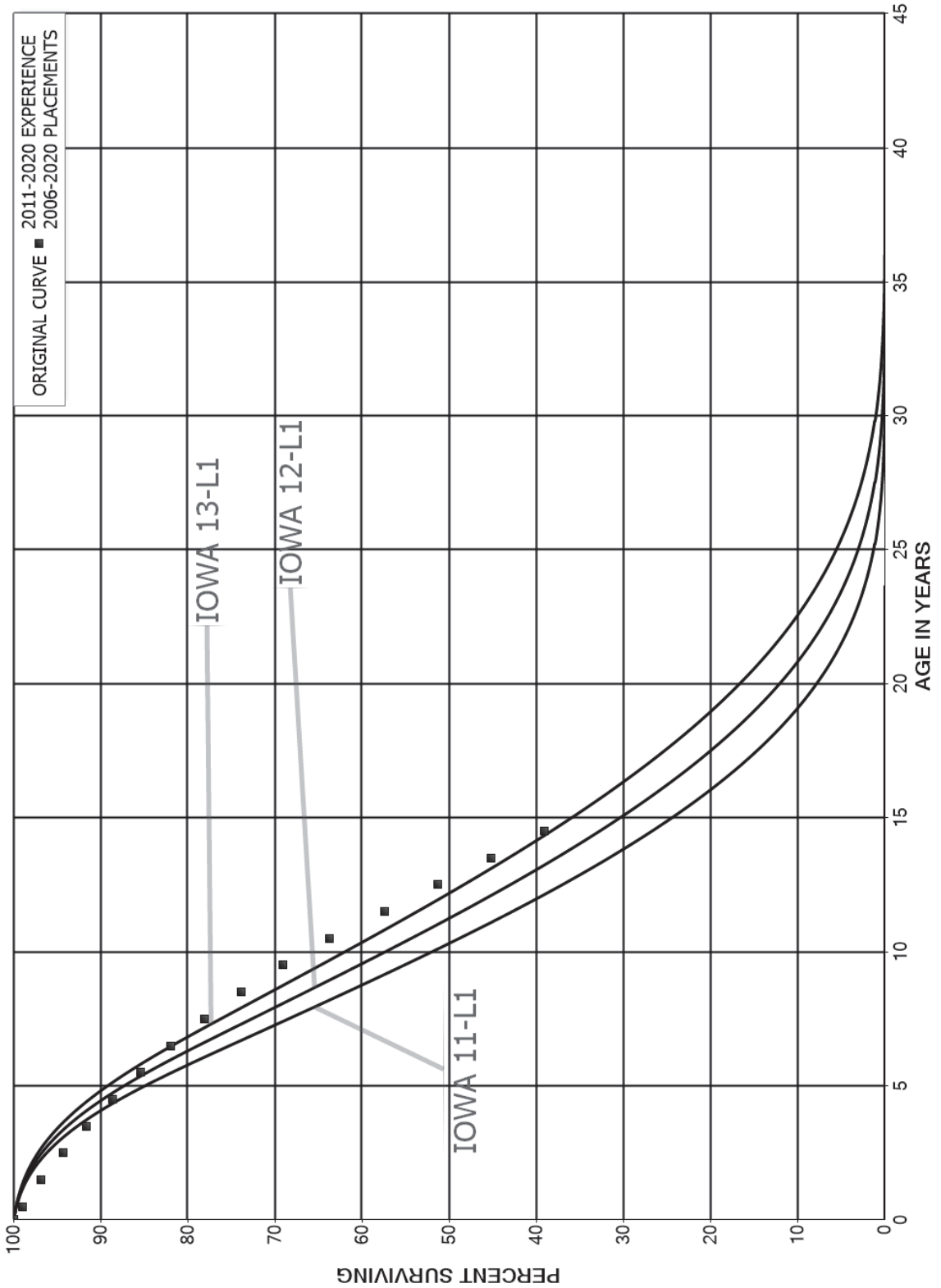


FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN S0 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

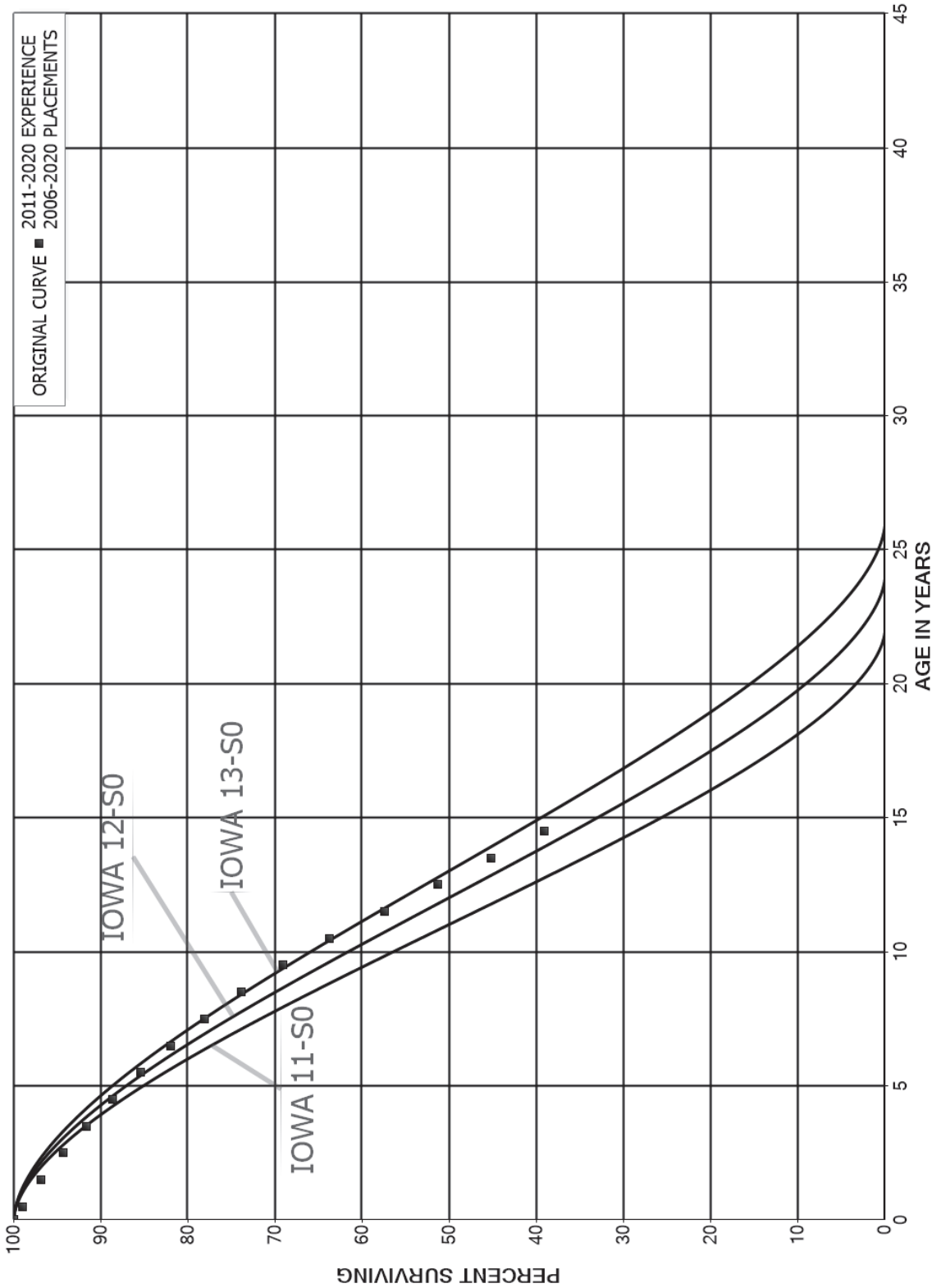


FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

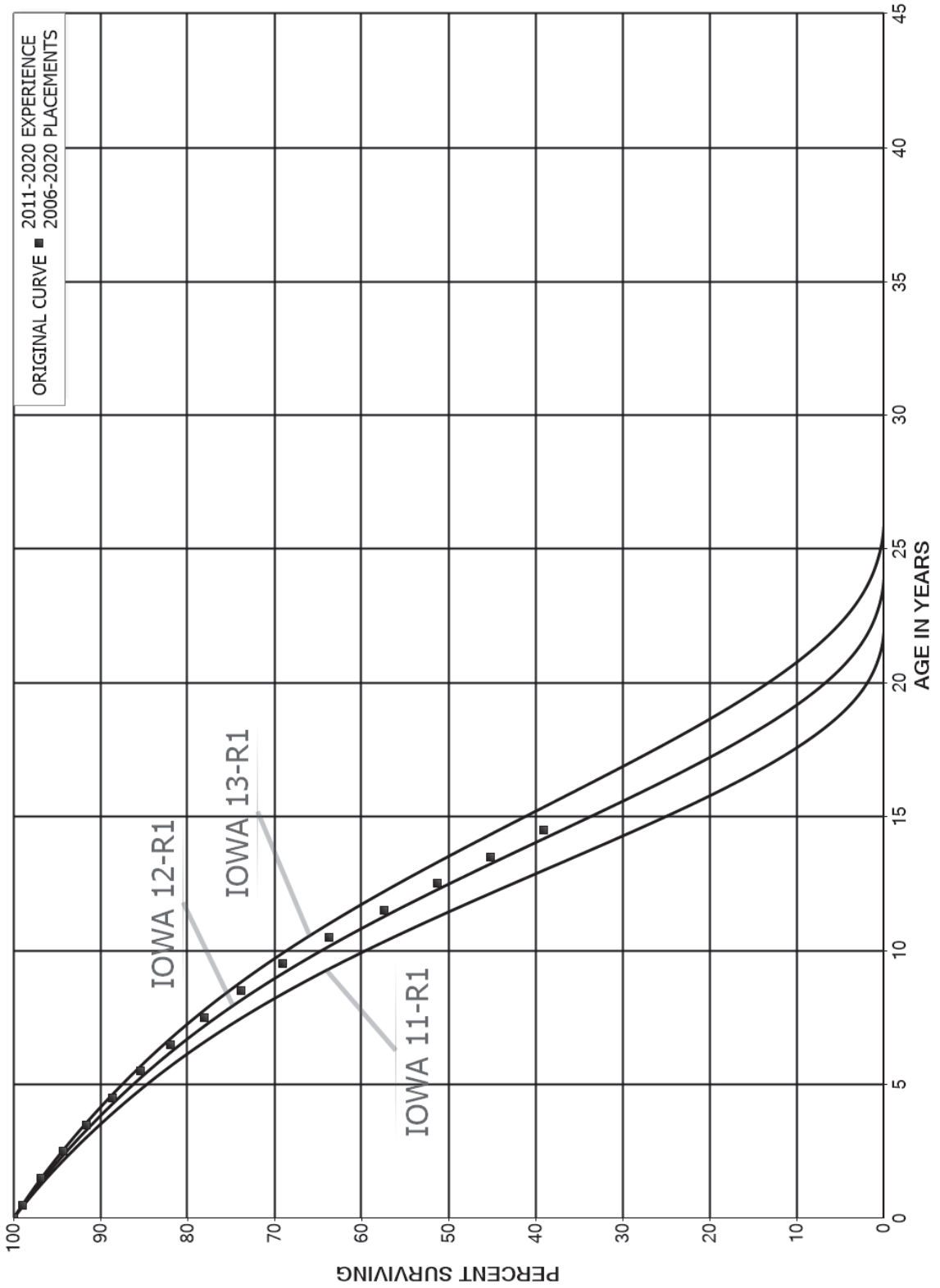
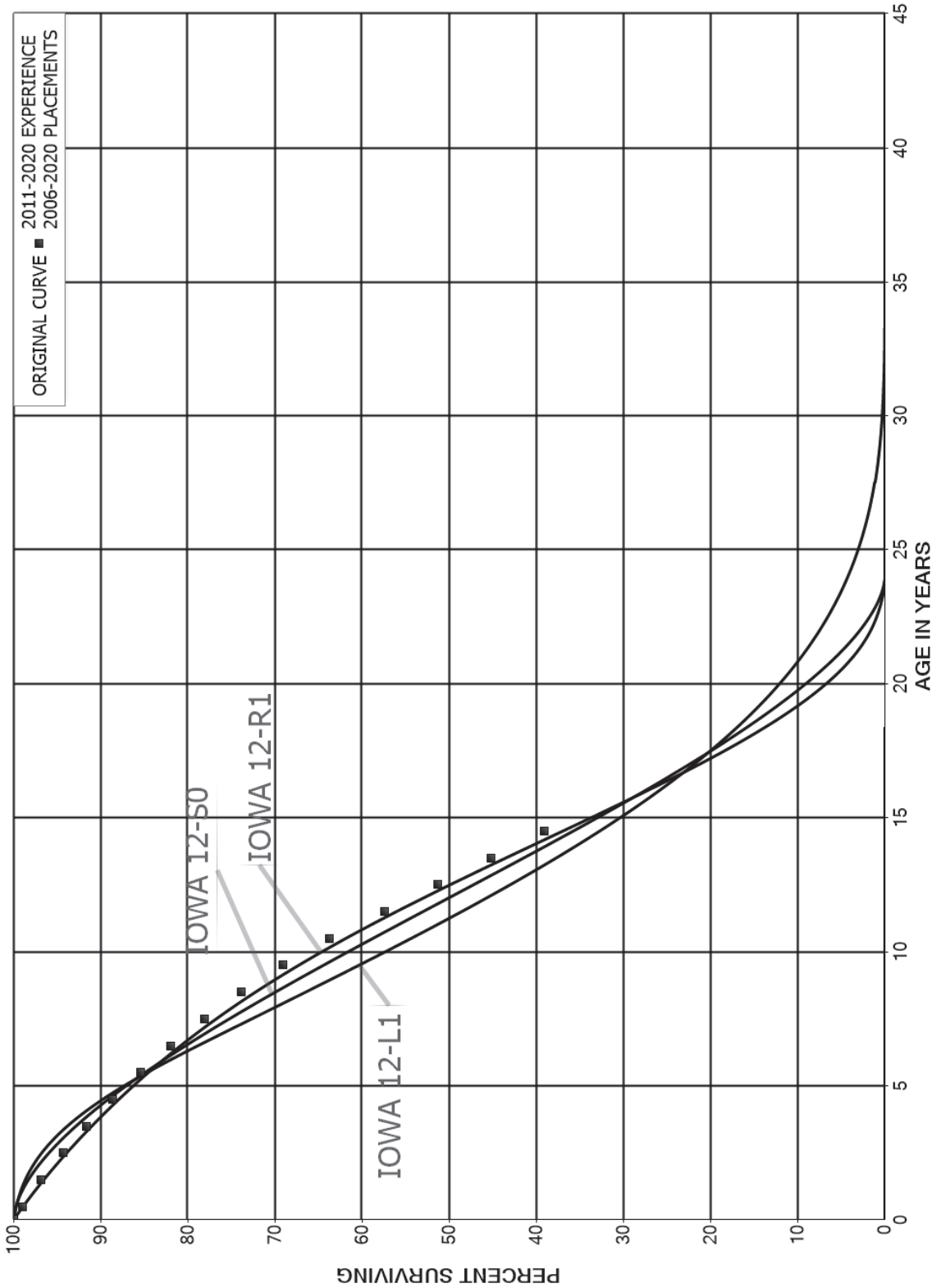


FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1, S0 AND R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



PART III. SERVICE LIFE CONSIDERATIONS

PART III. SERVICE LIFE CONSIDERATIONS

SERVICE LIFE ANALYSIS

The service life estimates were based on 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 utility companies.

For 5 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. Generally, the information external to the statistics led to minimal or 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.

NUCLEAR PRODUCTION PLANT

321.00	Structures and Improvements
322.00	Reactor Plant Equipment
323.00	Turbogenerator Units
324.00	Accessory Electric Equipment
325.00	Miscellaneous Power Plant Equipment

Account 321, Structures and Improvements, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Aged plant accounting data for the overhead conductors have been compiled for the years 1971 through 2020. 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 period 1971 through 2020 and 2001 through 2020. The Iowa 75-S1 is a reasonable fit of the original survivor curve. The 75-year average service life is within the typical average service life range of 60 to 90 years for structures. The 75-year average service life reflects the Company's plans to replace structures or components of structures consistently in the future as have been retired in the past. The previous estimate was also a 75-S1 survivor curve.

For Account 322, Reactor Plant Equipment, the survivor curve estimate is the 50-R2. The statistical analysis for this account provides a good indication of service life through age 45. The 50-R2 estimate is within the industry range and is consistent with the outlook for this account. Based on these considerations, the 50-R2 interim survivor curve is the most reasonable estimate for this account.

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.

Life Span Estimates

Inasmuch as production plant consists of large generating units, the life span technique was employed in conjunction with the use of interim survivor curves which reflect interim retirements that occur prior to the ultimate retirement of the major unit. An interim survivor curve was estimated for each plant account, inasmuch as the rate of interim retirements differs from account to account. The interim survivor curves

estimated were based on the retirement rate method of life analysis which incorporated experienced aged retirements for the period, 1971 through 2020 for nuclear.

The depreciable life span for nuclear units is approximately 80 years which is a 20 year extension from prior life spans as the Company plans to extend the license dates for each unit

A summary of the major year in service, depreciable life span and depreciable life date for each unit follows:

Depreciable Group	Major Year in Service	Depreciable Life Date	Depreciable Life Span
Nuclear Production Plant			
Brunswick Unit 1	1977	2056	79
Brunswick Unit 2	1975	2054	79
Harris Unit 1	1987	2066	79
Robinson Unit 1	1971	2050	79

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 through 2020. Cost of removal and gross 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 gross 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 gross salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and gross 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 periods 1979 through 2020 for all plant accounts were analyzed. The analyses contributed significantly toward the net salvage estimates for all plant accounts, as follows:

NUCLEAR PRODUCTION PLANT

321.00	Structures and Improvements
322.00	Reactor Plant Equipment
323.00	Turbogenerator Units
324.00	Accessory Electric Equipment
325.00	Miscellaneous Power Plant Equipment

The overall net salvage estimates for each nuclear facility, 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 and is not included in the overall weighted net salvage percent. Interim net salvage is the net salvage experienced for interim retirements that occur prior to the final retirement of the plant. 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 of negative 11 percent was utilized for most plant accounts.

The interim survivor curve estimates for each account and facility were used to calculate the percentage of plant expected to be retired as interim retirements and final retirements. These are shown on Table 1 in the Net Salvage Statistics section on page VIII-2. These percentages were used to determine the weighted net salvage estimate for each account and facility based on the interim and final net salvage estimates. The final net salvage is zero for all facilities. These calculations, as well as the estimated final net salvage and interim net salvage percents, are shown on Table 2 of the Net Salvage Statistics section on page VIII-3.

The net salvage percents for the remaining accounts were based on judgment incorporating factors such as the statistical net salvage analysis, general knowledge of the property studied, and estimates of previous studies of this and other electric utilities.

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:

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

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, 2020 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, 2020, 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:

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

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 net 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 nuclear plant in service as of December 31, 2020. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to December 31, 2020, is reasonable for a period of three to five years assuming license extension is finalized.

DESCRIPTION OF STATISTICAL SUPPORT

The service life and net salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other electric utility companies. The results of the statistical analyses of service life are presented in the section titled "Service Life Statistics".

The estimated survivor curves for each account are presented in graphical form. The charts depict the estimated smooth survivor curve and original survivor curve(s),

when applicable, related to each specific group. For groups where the original survivor curve was plotted, the calculation of the original life table is also presented.

The analyses of interim net salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and gross 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.

DESCRIPTION OF DEPRECIATION TABULATIONS

A summary of the results of the study, as applied to the original cost of nuclear plant as of December 31, 2020, is presented on page VI-4 of this report. The schedule sets forth the original cost, the book reserve, future accruals, the calculated annual depreciation rate and amount, and the composite remaining life related to nuclear plant.

The tables of the calculated annual depreciation accruals are presented in account sequence in the section titled "Detailed Depreciation Calculations." 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.

DUKE ENERGY PROGRESS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO NUCLEAR PLANT AS OF DECEMBER 31, 2020

ACCOUNT		PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2020	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
(1)		(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
NUCLEAR PRODUCTION PLANT											
321.00	STRUCTURES AND IMPROVEMENTS										
	BRUNSWICK UNIT 1	09-2056	75-S1	*	(5)	431,043,203.12	191,330,989	261,264,374	7,959,836	1.85	32.8
	BRUNSWICK UNIT 2	12-2054	75-S1	*	(5)	383,652,637.10	234,822,180	168,013,089	5,412,831	1.41	31.0
	BRUNSWICK COMMON	09-2056	75-S1	*	(5)	80,100,295.58	5,780,822	78,324,488	2,270,196	2.83	34.5
	HARRIS UNIT 1	10-2066	75-S1	*	(7)	1,847,606,269.94	1,125,463,739	851,474,969	22,889,707	1.24	37.2
	HARRIS DISALLOWANCE	10-2066				(105,862,561.00)	(70,474,188)	(35,388,373)	(772,110)	0.73	45.8
	ROBINSON UNIT 2	07-2050	75-S1	*	(4)	387,737,961.00	208,701,620	194,545,860	6,900,699	1.78	28.2
	TOTAL STRUCTURES AND IMPROVEMENTS					3,024,277,805.74	1,695,625,162	1,518,234,407	44,661,159	1.48	34.0
322.00	REACTOR PLANT EQUIPMENT										
	BRUNSWICK UNIT 1	09-2056	50-R2	*	(5)	642,453,320.84	286,866,820	387,709,167	13,521,247	2.10	28.7
	BRUNSWICK UNIT 2	12-2054	50-R2	*	(5)	597,287,498.96	302,906,979	324,244,895	11,377,839	1.90	28.5
	BRUNSWICK COMMON	09-2056	50-R2	*	(5)	5,497,346.59	216,483	5,555,731	173,471	3.16	32.0
	HARRIS UNIT 1	10-2066	50-R2	*	(7)	1,078,265,943.68	364,258,164	789,486,396	27,490,551	2.55	28.7
	HARRIS DISALLOWANCE	10-2066				(132,409,445.00)	(88,146,820)	(44,262,625)	(965,730)	0.73	45.8
	ROBINSON UNIT 2	07-2050	50-R2	*	(4)	462,241,425.19	273,671,669	207,059,413	7,913,819	1.71	26.2
	TOTAL REACTOR PLANT EQUIPMENT					2,653,336,090.26	1,139,773,294	1,669,792,977	59,511,197	2.24	28.1
323.00	TURBOGENERATOR UNITS										
	BRUNSWICK UNIT 1	09-2056	39-S0	*	(5)	292,424,608.30	120,589,692	186,456,147	7,246,469	2.48	25.7
	BRUNSWICK UNIT 2	12-2054	39-S0	*	(5)	248,772,876.89	94,676,282	166,535,238	6,515,599	2.62	25.6
	BRUNSWICK COMMON	09-2056	39-S0	*	(5)	190,933.96	2,960	197,521	7,014	3.67	28.2
	HARRIS UNIT 1	10-2066	39-S0	*	(7)	511,604,416.03	122,641,538	424,775,187	15,153,474	2.96	28.0
	HARRIS DISALLOWANCE	10-2066				(610,466.00)	(406,396)	(204,070)	(4,452)	0.73	45.8
	ROBINSON UNIT 2	07-2050	39-S0	*	(4)	347,156,412.03	49,836,627	311,206,042	13,343,284	3.84	23.3
	TOTAL TURBOGENERATOR UNITS					1,399,538,781.21	387,340,704	1,088,966,065	42,261,388	3.02	25.8
324.00	ACCESSORY ELECTRIC EQUIPMENT										
	BRUNSWICK UNIT 1	09-2056	51-R2.5	*	(5)	192,003,684.47	67,717,093	133,886,775	4,298,176	2.24	31.1
	BRUNSWICK UNIT 2	12-2054	51-R2.5	*	(5)	214,687,986.57	92,902,067	132,520,319	4,379,940	2.04	30.3
	BRUNSWICK COMMON	09-2056	51-R2.5	*	(5)	1,399,127.56	(603,227)	2,072,311	61,752	4.41	33.6
	HARRIS UNIT 1	10-2066	51-R2.5	*	(7)	755,228,394.74	421,217,981	386,876,401	13,359,603	1.77	29.0
	HARRIS DISALLOWANCE	10-2066				(256,837,664.66)	(170,980,427)	(85,857,237)	(1,873,249)	0.73	45.8
	ROBINSON UNIT 2	07-2050	51-R2.5	*	(4)	267,495,715.39	95,453,250	182,742,294	6,519,010	2.44	28.0
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					1,173,977,244.07	505,706,737	752,240,863	26,745,232	2.28	28.1

DUKE ENERGY PROGRESS

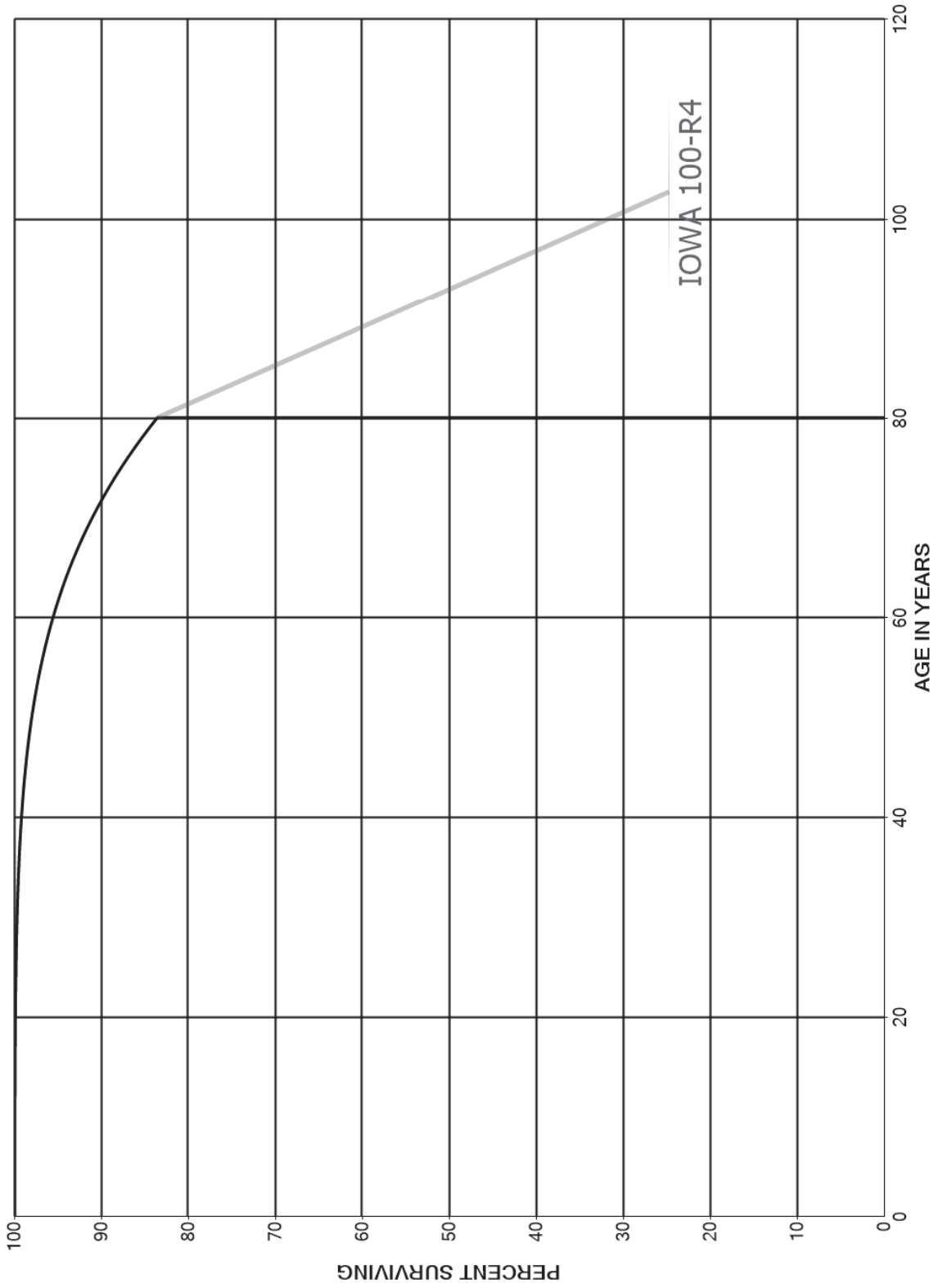
TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO NUCLEAR PLANT AS OF DECEMBER 31, 2020

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2020	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
325.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	BRUNSWICK UNIT 1	09-2056	52-R1.5	*	(5)	192,073,946.08	80,979,834	120,697,809	3,988,021	2.08	30.3
	BRUNSWICK UNIT 2	12-2054	52-R1.5	*	(5)	62,021,202.45	35,990,938	29,131,324	997,456	1.61	29.2
	BRUNSWICK COMMON	09-2056	52-R1.5	*	(5)	35,344,786.99	6,891,179	30,220,848	945,952	2.68	31.9
	HARRIS UNIT 1	10-2066	52-R1.5	*	(7)	253,262,051.05	115,085,522	155,904,873	4,624,675	1.83	33.7
	HARRIS DISALLOWANCE	10-2066				(55,577,154.00)	(36,998,489)	(18,578,665)	(405,353)	0.73	45.8
	ROBINSON UNIT 2	07-2050	52-R1.5	*	(4)	196,268,040.88	74,105,820	130,012,943	4,880,177	2.49	26.6
	TOTAL MISCELLANEOUS POWER PLANT EQUIPMENT					683,392,873.45	276,054,804	447,389,132	15,030,928	2.20	29.8
	TOTAL NUCLEAR PRODUCTION PLANT					**8,934,522,794.73**	**4,004,500,701**	**5,476,623,444**	**188,209,904**	**2.11**	**29.1**
	DEPRECIABLE LAND RIGHTS										
320.00	LAND RIGHTS										
	HARRIS UNIT 1	10-2066	100-R4	*	0	43,684,833.28	30,236,452	13,448,381	307,321	0.70	43.8
	ROBINSON UNIT 2	07-2050	100-R4	*	0	315,919.74	98,163	217,757	8,063	2.55	27.0
	TOTAL LAND RIGHTS					44,000,753.02	30,334,615	13,666,138	315,384	0.72	43.3
320.10	RIGHTS OF WAY										
	BRUNSWICK UNIT 1	09-2056	100-R4	*	0	9,724.11	8,329	1,395	41	0.42	34.0
	BRUNSWICK UNIT 2	12-2054	100-R4	*	0	51,363.07	50,150	1,213	38	0.07	31.9
	ROBINSON UNIT 2	07-2050	100-R4	*	0	707,390.18	224,692	482,699	18,025	2.55	26.8
	TOTAL RIGHTS OF WAY					768,477.36	283,171	485,307	18,104	2.36	26.8
	TOTAL ACCOUNT 320					44,769,230.38	30,617,786	14,151,445	333,488	0.74	42.4
	TOTAL DEPRECIABLE ELECTRIC PLANT					**8,979,292,025.11**	**4,035,118,487**	**5,490,774,889**	**188,543,392**		
	NONDEPRECIABLE PLANT										
320.00	LAND					17,112,449.73					
326.00	ARO - NUCLEAR					1,574,990,349.81	346,983,096				
	TOTAL NONDEPRECIABLE PLANT					**1,592,102,799.54**	**346,983,096**				
	TOTAL PLANT					**10,571,394,824.65**	**4,382,101,582**				

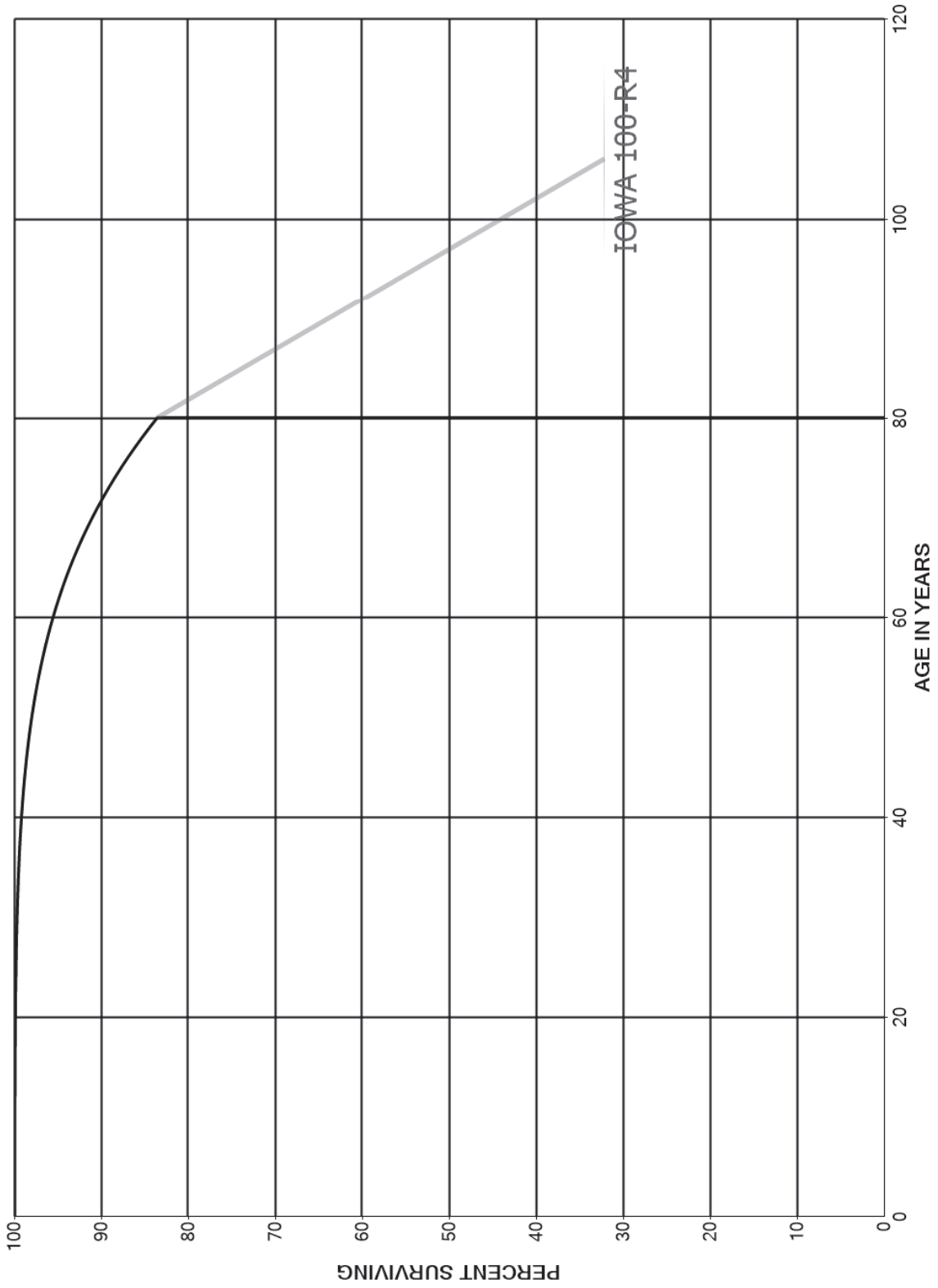
* Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retirement year.

PART VII. SERVICE LIFE STATISTICS

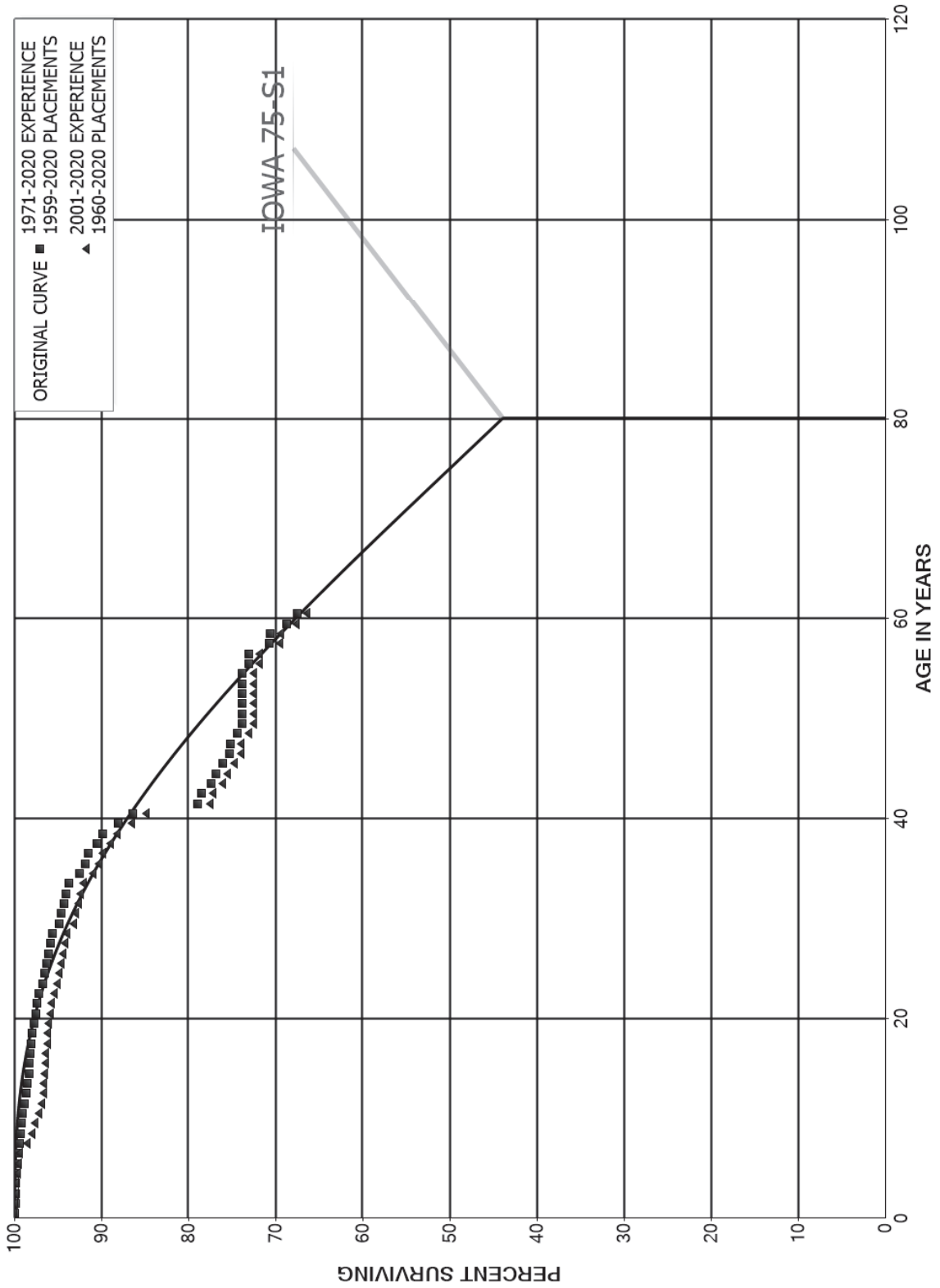
DUKE ENERGY PROGRESS
ACCOUNT 320.00 LAND RIGHTS
SMOOTH SURVIVOR CURVE



DUKE ENERGY PROGRESS
ACCOUNT 320.10 RIGHTS OF WAY
SMOOTH SURVIVOR CURVE



DUKE ENERGY PROGRESS
ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	2,899,906,003	1,294,439	0.0004	0.9996	100.00
0.5	2,816,672,257	2,845,714	0.0010	0.9990	99.96
1.5	2,663,889,704	288,493	0.0001	0.9999	99.85
2.5	2,655,292,131	1,365,567	0.0005	0.9995	99.84
3.5	2,530,347,643	2,037,848	0.0008	0.9992	99.79
4.5	2,428,862,614	1,250,285	0.0005	0.9995	99.71
5.5	2,258,609,567	653,210	0.0003	0.9997	99.66
6.5	2,224,196,004	4,380,317	0.0020	0.9980	99.63
7.5	2,166,145,053	3,870,993	0.0018	0.9982	99.44
8.5	2,093,736,190	1,323,078	0.0006	0.9994	99.26
9.5	2,041,716,908	2,161,464	0.0011	0.9989	99.20
10.5	1,974,387,907	4,940,362	0.0025	0.9975	99.09
11.5	1,948,085,412	4,567,723	0.0023	0.9977	98.84
12.5	1,910,442,030	2,188,138	0.0011	0.9989	98.61
13.5	1,897,638,109	3,259,937	0.0017	0.9983	98.50
14.5	1,889,244,005	1,514,464	0.0008	0.9992	98.33
15.5	1,872,684,949	469,935	0.0003	0.9997	98.25
16.5	1,867,375,022	3,143,042	0.0017	0.9983	98.22
17.5	1,859,740,258	1,343,539	0.0007	0.9993	98.06
18.5	1,856,699,112	4,121,216	0.0022	0.9978	97.99
19.5	1,855,268,197	4,100,742	0.0022	0.9978	97.77
20.5	1,843,623,950	2,076,826	0.0011	0.9989	97.55
21.5	1,833,240,092	4,235,927	0.0023	0.9977	97.45
22.5	1,830,251,184	8,835,543	0.0048	0.9952	97.22
23.5	1,818,758,366	4,822,699	0.0027	0.9973	96.75
24.5	1,787,444,567	3,478,431	0.0019	0.9981	96.49
25.5	1,753,154,267	3,491,323	0.0020	0.9980	96.31
26.5	1,725,568,230	4,541,785	0.0026	0.9974	96.11
27.5	2,049,674,892	5,427,510	0.0026	0.9974	95.86
28.5	2,005,107,667	16,887,184	0.0084	0.9916	95.61
29.5	1,953,562,476	4,124,475	0.0021	0.9979	94.80
30.5	1,937,922,047	6,925,237	0.0036	0.9964	94.60
31.5	1,890,999,226	4,975,590	0.0026	0.9974	94.26
32.5	1,833,354,920	6,042,348	0.0033	0.9967	94.02
33.5	333,365,690	4,169,156	0.0125	0.9875	93.71
34.5	299,643,077	2,268,361	0.0076	0.9924	92.53
35.5	291,884,256	1,172,144	0.0040	0.9960	91.83
36.5	266,728,627	2,767,035	0.0104	0.9896	91.47
37.5	241,732,597	1,939,707	0.0080	0.9920	90.52
38.5	238,766,213	4,589,297	0.0192	0.9808	89.79

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	242,545,077	4,702,773	0.0194	0.9806	88.06
40.5	225,403,212	19,414,180	0.0861	0.9139	86.36
41.5	189,661,501	932,980	0.0049	0.9951	78.92
42.5	185,983,617	2,664,599	0.0143	0.9857	78.53
43.5	126,955,818	1,013,355	0.0080	0.9920	77.41
44.5	122,897,472	1,238,836	0.0101	0.9899	76.79
45.5	17,894,739	176,673	0.0099	0.9901	76.01
46.5	17,646,137	9,717	0.0006	0.9994	75.26
47.5	17,617,068	205,107	0.0116	0.9884	75.22
48.5	17,154,450	127,381	0.0074	0.9926	74.35
49.5	2,797		0.0000	1.0000	73.79
50.5	4,226		0.0000	1.0000	73.79
51.5	4,041		0.0000	1.0000	73.79
52.5	3,587,060		0.0000	1.0000	73.79
53.5	4,925,834		0.0000	1.0000	73.79
54.5	4,925,327	46,627	0.0095	0.9905	73.79
55.5	4,878,637	2,485	0.0005	0.9995	73.10
56.5	4,876,152	155,707	0.0319	0.9681	73.06
57.5	4,719,016	9,161	0.0019	0.9981	70.72
58.5	4,709,855	121,911	0.0259	0.9741	70.59
59.5	4,587,944	81,123	0.0177	0.9823	68.76
60.5					67.54

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2020 EXPERIENCE BAND 2001-2020

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	891,480,376		0.0000	1.0000	100.00
0.5	875,668,063	1,910,388	0.0022	0.9978	100.00
1.5	784,233,049	238,705	0.0003	0.9997	99.78
2.5	783,024,273	416,125	0.0005	0.9995	99.75
3.5	655,901,436	1,082,920	0.0017	0.9983	99.70
4.5	580,302,672	804,154	0.0014	0.9986	99.53
5.5	454,426,718	616,894	0.0014	0.9986	99.40
6.5	448,928,995	4,026,243	0.0090	0.9910	99.26
7.5	426,061,178	2,553,032	0.0060	0.9940	98.37
8.5	393,655,083	931,284	0.0024	0.9976	97.78
9.5	372,908,005	1,688,302	0.0045	0.9955	97.55
10.5	318,316,745	1,281,367	0.0040	0.9960	97.11
11.5	342,568,620	711,060	0.0021	0.9979	96.72
12.5	371,223,201	181,831	0.0005	0.9995	96.52
13.5	1,543,735,715	1,562,570	0.0010	0.9990	96.47
14.5	1,576,527,300	1,411,413	0.0009	0.9991	96.37
15.5	1,569,523,527	267,892	0.0002	0.9998	96.29
16.5	1,593,600,106	3,000,476	0.0019	0.9981	96.27
17.5	1,616,691,400	1,169,258	0.0007	0.9993	96.09
18.5	1,615,905,786	1,575,309	0.0010	0.9990	96.02
19.5	1,627,382,201	4,051,356	0.0025	0.9975	95.92
20.5	1,631,581,024	2,071,730	0.0013	0.9987	95.69
21.5	1,641,487,853	4,218,684	0.0026	0.9974	95.56
22.5	1,641,427,081	6,267,079	0.0038	0.9962	95.32
23.5	1,687,270,985	4,216,043	0.0025	0.9975	94.95
24.5	1,660,155,461	3,478,431	0.0021	0.9979	94.72
25.5	1,732,838,006	3,481,936	0.0020	0.9980	94.52
26.5	1,705,295,689	4,367,697	0.0026	0.9974	94.33
27.5	2,029,584,745	5,427,510	0.0027	0.9973	94.09
28.5	1,986,045,689	16,887,184	0.0085	0.9915	93.84
29.5	1,953,562,476	4,124,475	0.0021	0.9979	93.04
30.5	1,937,922,047	6,925,237	0.0036	0.9964	92.84
31.5	1,890,999,226	4,975,590	0.0026	0.9974	92.51
32.5	1,833,354,920	6,042,348	0.0033	0.9967	92.27
33.5	333,365,690	4,169,156	0.0125	0.9875	91.96
34.5	299,643,077	2,268,361	0.0076	0.9924	90.81
35.5	291,884,256	1,172,144	0.0040	0.9960	90.12
36.5	266,728,627	2,767,035	0.0104	0.9896	89.76
37.5	241,732,597	1,939,707	0.0080	0.9920	88.83
38.5	238,766,213	4,589,297	0.0192	0.9808	88.12

DUKE ENERGY PROGRESS

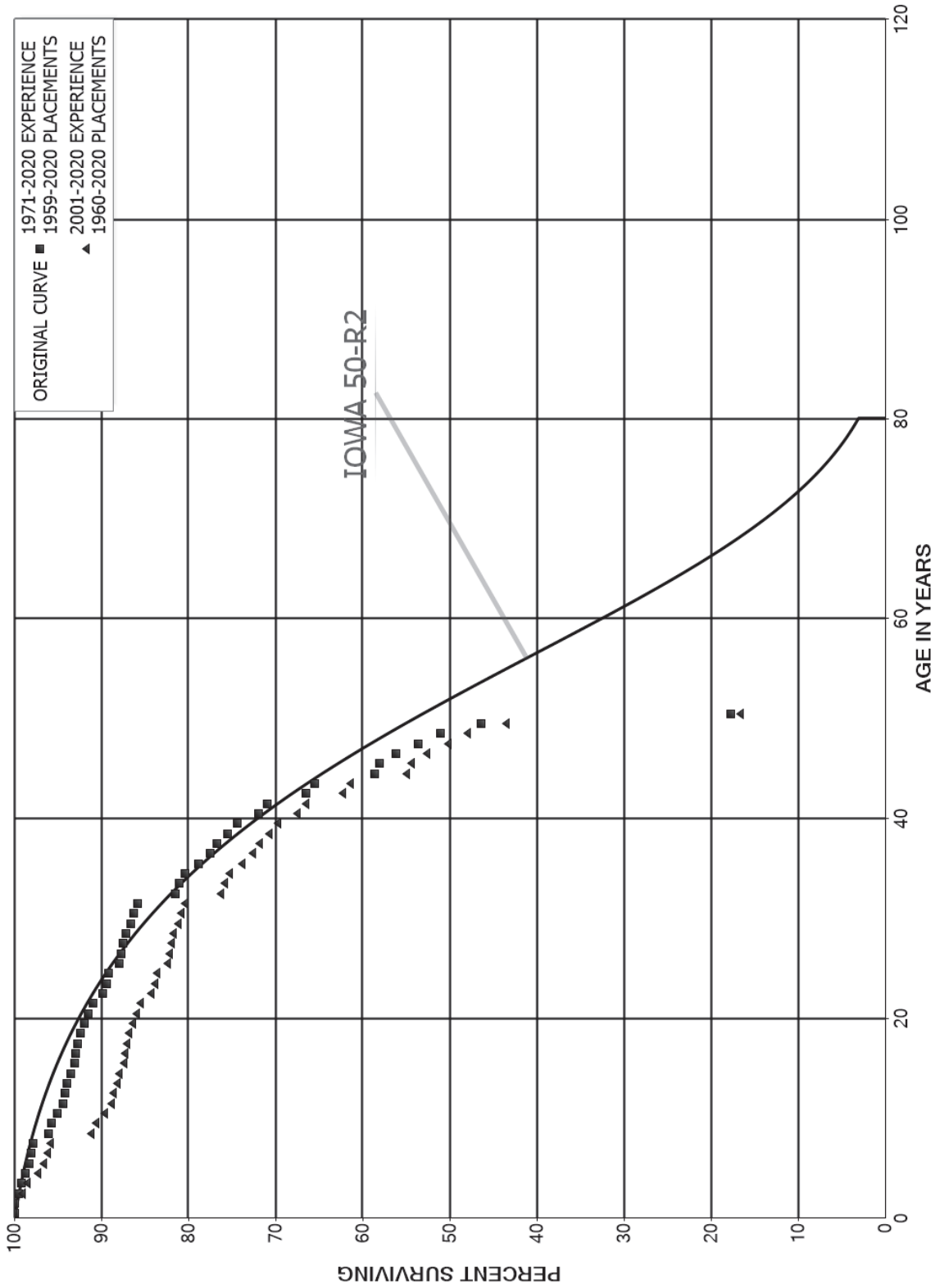
ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2020 EXPERIENCE BAND 2001-2020

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	242,545,077	4,702,773	0.0194	0.9806	86.43
40.5	225,403,212	19,414,180	0.0861	0.9139	84.75
41.5	189,661,501	932,980	0.0049	0.9951	77.45
42.5	185,983,617	2,664,599	0.0143	0.9857	77.07
43.5	126,955,818	1,013,355	0.0080	0.9920	75.96
44.5	122,897,472	1,238,836	0.0101	0.9899	75.36
45.5	17,894,739	176,673	0.0099	0.9901	74.60
46.5	17,646,137	9,717	0.0006	0.9994	73.86
47.5	17,617,068	205,107	0.0116	0.9884	73.82
48.5	17,154,450	127,381	0.0074	0.9926	72.96
49.5	2,797		0.0000	1.0000	72.42
50.5	4,226		0.0000	1.0000	72.42
51.5	4,041		0.0000	1.0000	72.42
52.5	3,587,060		0.0000	1.0000	72.42
53.5	4,925,834		0.0000	1.0000	72.42
54.5	4,925,327	46,627	0.0095	0.9905	72.42
55.5	4,878,637	2,485	0.0005	0.9995	71.73
56.5	4,876,152	155,707	0.0319	0.9681	71.70
57.5	4,719,016	9,161	0.0019	0.9981	69.41
58.5	4,709,855	121,911	0.0259	0.9741	69.27
59.5	4,587,944	81,123	0.0177	0.9823	67.48
60.5					66.29

DUKE ENERGY PROGRESS
ACCOUNT 322.00 REACTOR PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	3,019,451,114	1,044,538	0.0003	0.9997	100.00
0.5	2,869,257,476	754,774	0.0003	0.9997	99.97
1.5	2,609,325,853	10,601,992	0.0041	0.9959	99.94
2.5	2,513,978,109	8,002,016	0.0032	0.9968	99.53
3.5	2,439,615,973	13,248,709	0.0054	0.9946	99.22
4.5	2,352,140,102	9,065,720	0.0039	0.9961	98.68
5.5	2,191,852,235	4,099,727	0.0019	0.9981	98.30
6.5	2,138,599,572	7,088,258	0.0033	0.9967	98.11
7.5	2,015,574,894	35,723,389	0.0177	0.9823	97.79
8.5	1,915,592,015	5,951,088	0.0031	0.9969	96.05
9.5	1,881,002,449	13,742,331	0.0073	0.9927	95.76
10.5	1,794,740,716	13,265,017	0.0074	0.9926	95.06
11.5	1,756,704,391	2,948,511	0.0017	0.9983	94.35
12.5	1,740,583,903	5,484,221	0.0032	0.9968	94.20
13.5	1,735,106,051	7,889,465	0.0045	0.9955	93.90
14.5	1,720,071,011	6,959,695	0.0040	0.9960	93.47
15.5	1,628,902,213	3,062,275	0.0019	0.9981	93.09
16.5	1,605,416,984	2,724,290	0.0017	0.9983	92.92
17.5	1,550,953,812	5,590,940	0.0036	0.9964	92.76
18.5	1,528,713,044	7,106,080	0.0046	0.9954	92.43
19.5	1,371,609,140	7,589,012	0.0055	0.9945	92.00
20.5	1,369,398,159	7,932,406	0.0058	0.9942	91.49
21.5	1,357,078,881	16,309,770	0.0120	0.9880	90.96
22.5	1,339,730,743	7,184,616	0.0054	0.9946	89.87
23.5	1,297,003,175	2,906,701	0.0022	0.9978	89.38
24.5	1,280,219,538	17,010,487	0.0133	0.9867	89.18
25.5	1,245,065,356	3,457,280	0.0028	0.9972	88.00
26.5	1,174,909,680	3,973,904	0.0034	0.9966	87.75
27.5	1,308,366,755	3,517,620	0.0027	0.9973	87.46
28.5	1,283,299,195	8,625,000	0.0067	0.9933	87.22
29.5	1,255,806,289	5,675,982	0.0045	0.9955	86.64
30.5	1,242,472,782	5,990,274	0.0048	0.9952	86.24
31.5	1,209,939,773	61,074,902	0.0505	0.9495	85.83
32.5	1,111,518,660	6,596,383	0.0059	0.9941	81.50
33.5	523,961,552	3,884,037	0.0074	0.9926	81.01
34.5	512,661,565	10,360,876	0.0202	0.9798	80.41
35.5	447,953,782	7,278,545	0.0162	0.9838	78.79
36.5	265,060,836	2,854,720	0.0108	0.9892	77.51
37.5	250,054,049	3,977,348	0.0159	0.9841	76.67
38.5	243,801,429	3,444,575	0.0141	0.9859	75.45

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	250,860,184	8,038,773	0.0320	0.9680	74.39
40.5	237,651,022	3,322,493	0.0140	0.9860	72.00
41.5	224,131,650	14,131,499	0.0630	0.9370	71.00
42.5	206,611,826	3,257,201	0.0158	0.9842	66.52
43.5	105,799,813	11,118,089	0.1051	0.8949	65.47
44.5	91,705,618	813,159	0.0089	0.9911	58.59
45.5	10,411,330	346,478	0.0333	0.9667	58.07
46.5	9,731,376	443,856	0.0456	0.9544	56.14
47.5	9,287,520	426,661	0.0459	0.9541	53.58
48.5	8,350,582	766,197	0.0918	0.9082	51.12
49.5	4,667	2,888	0.6189	0.3811	46.43
50.5					17.69
51.5					
52.5	58,520		0.0000		
53.5	65,078		0.0000		
54.5	65,078		0.0000		
55.5	65,078		0.0000		
56.5	65,078	58,520	0.8992		
57.5	6,558		0.0000		
58.5	6,558		0.0000		
59.5	6,558	2,061	0.3143		
60.5					

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2020 EXPERIENCE BAND 2001-2020

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	1,363,682,485	1,044,538	0.0008	0.9992	100.00
0.5	1,314,358,238	427,095	0.0003	0.9997	99.92
1.5	1,074,711,669	10,221,939	0.0095	0.9905	99.89
2.5	987,753,253	5,192,890	0.0053	0.9947	98.94
3.5	966,558,332	12,450,592	0.0129	0.9871	98.42
4.5	900,074,969	6,267,079	0.0070	0.9930	97.15
5.5	785,624,462	3,230,283	0.0041	0.9959	96.48
6.5	826,544,347	3,286,497	0.0040	0.9960	96.08
7.5	730,755,402	35,124,213	0.0481	0.9519	95.70
8.5	664,824,762	4,532,825	0.0068	0.9932	91.10
9.5	665,491,690	7,190,506	0.0108	0.9892	90.48
10.5	610,758,967	5,139,981	0.0084	0.9916	89.50
11.5	616,164,561	1,965,957	0.0032	0.9968	88.75
12.5	637,249,883	3,196,748	0.0050	0.9950	88.46
13.5	1,196,413,119	2,499,249	0.0021	0.9979	88.02
14.5	1,194,526,426	6,875,928	0.0058	0.9942	87.84
15.5	1,153,458,833	2,516,421	0.0022	0.9978	87.33
16.5	1,301,650,933	2,323,453	0.0018	0.9982	87.14
17.5	1,280,333,307	4,008,386	0.0031	0.9969	86.98
18.5	1,263,797,979	6,662,454	0.0053	0.9947	86.71
19.5	1,112,007,989	5,600,098	0.0050	0.9950	86.25
20.5	1,119,340,106	5,513,914	0.0049	0.9951	85.82
21.5	1,118,828,969	16,284,051	0.0146	0.9854	85.40
22.5	1,106,263,421	5,480,262	0.0050	0.9950	84.15
23.5	1,178,505,108	2,650,427	0.0022	0.9978	83.74
24.5	1,164,815,972	17,010,487	0.0146	0.9854	83.55
25.5	1,227,363,438	3,457,280	0.0028	0.9972	82.33
26.5	1,157,638,753	3,973,904	0.0034	0.9966	82.10
27.5	1,291,150,369	3,517,620	0.0027	0.9973	81.82
28.5	1,267,368,868	8,625,000	0.0068	0.9932	81.59
29.5	1,255,806,289	5,675,982	0.0045	0.9955	81.04
30.5	1,242,472,782	5,990,274	0.0048	0.9952	80.67
31.5	1,209,939,773	61,074,902	0.0505	0.9495	80.28
32.5	1,111,518,660	6,596,383	0.0059	0.9941	76.23
33.5	523,961,552	3,884,037	0.0074	0.9926	75.78
34.5	512,661,565	10,360,876	0.0202	0.9798	75.22
35.5	447,953,782	7,278,545	0.0162	0.9838	73.70
36.5	265,060,836	2,854,720	0.0108	0.9892	72.50
37.5	250,054,049	3,977,348	0.0159	0.9841	71.72
38.5	243,801,429	3,444,575	0.0141	0.9859	70.58

DUKE ENERGY PROGRESS

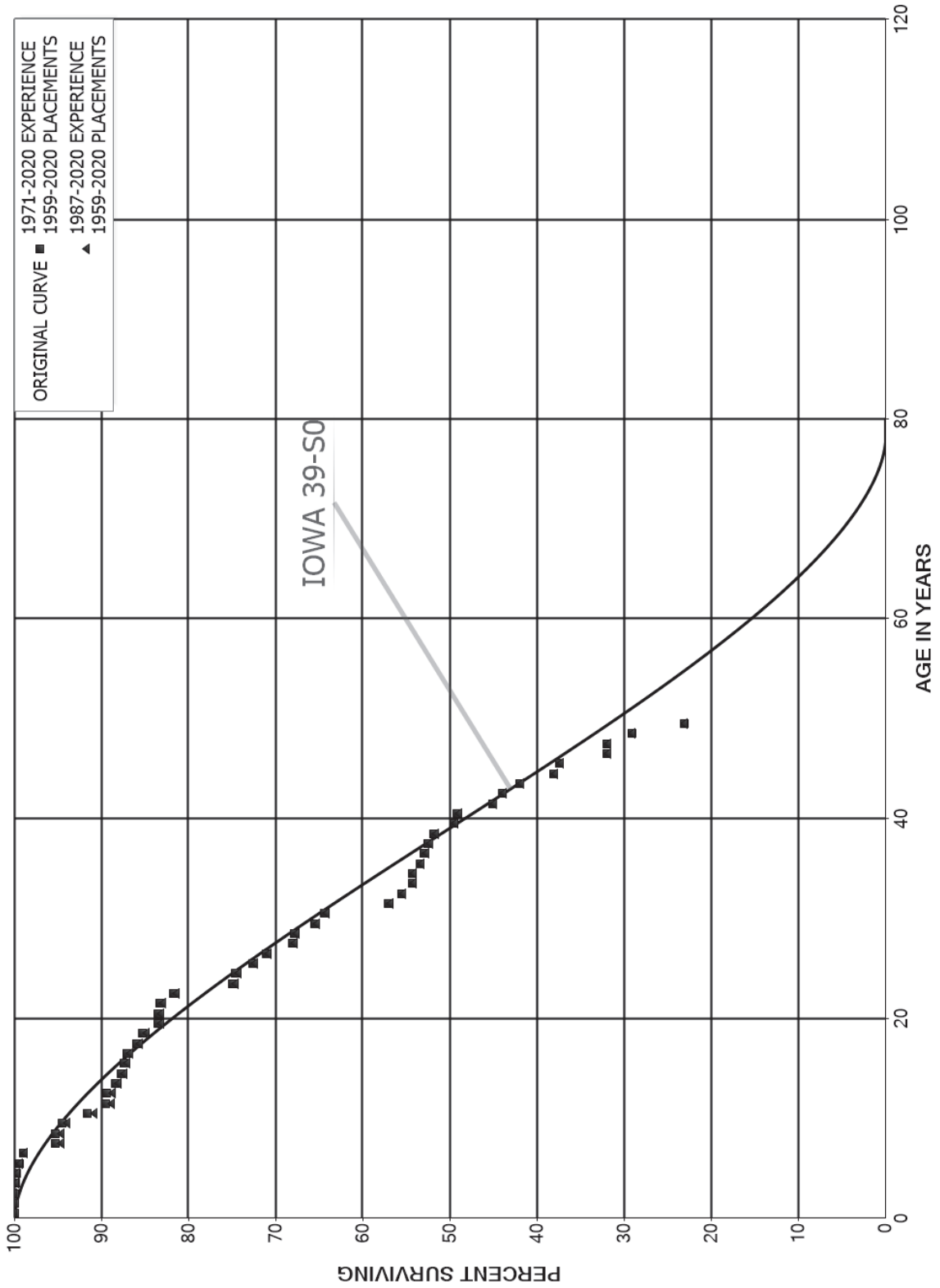
ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2020 EXPERIENCE BAND 2001-2020

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	250,860,184	8,038,773	0.0320	0.9680	69.58
40.5	237,651,022	3,322,493	0.0140	0.9860	67.35
41.5	224,131,650	14,131,499	0.0630	0.9370	66.41
42.5	206,611,826	3,257,201	0.0158	0.9842	62.22
43.5	105,799,813	11,118,089	0.1051	0.8949	61.24
44.5	91,705,618	813,159	0.0089	0.9911	54.80
45.5	10,411,330	346,478	0.0333	0.9667	54.32
46.5	9,731,376	443,856	0.0456	0.9544	52.51
47.5	9,287,520	426,661	0.0459	0.9541	50.12
48.5	8,350,582	766,197	0.0918	0.9082	47.81
49.5	4,667	2,888	0.6189	0.3811	43.43
50.5					16.55
51.5					
52.5	58,520		0.0000		
53.5	65,078		0.0000		
54.5	65,078		0.0000		
55.5	65,078		0.0000		
56.5	65,078	58,520	0.8992		
57.5	6,558		0.0000		
58.5	6,558		0.0000		
59.5	6,558	2,061	0.3143		
60.5					

DUKE ENERGY PROGRESS
ACCOUNT 323.00 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	1,559,486,179		0.0000	1.0000	100.00
0.5	1,563,577,508	112,960	0.0001	0.9999	100.00
1.5	1,464,410,345	60,935	0.0000	1.0000	99.99
2.5	1,125,886,240	2,348,399	0.0021	0.9979	99.99
3.5	1,015,820,736	995,783	0.0010	0.9990	99.78
4.5	967,714,949	3,217,269	0.0033	0.9967	99.68
5.5	920,330,172	3,910,102	0.0042	0.9958	99.35
6.5	873,787,444	32,016,659	0.0366	0.9634	98.93
7.5	825,939,925	317,331	0.0004	0.9996	95.30
8.5	699,464,091	5,934,827	0.0085	0.9915	95.27
9.5	690,319,823	20,949,045	0.0303	0.9697	94.46
10.5	578,486,289	13,329,772	0.0230	0.9770	91.59
11.5	560,686,484	823,882	0.0015	0.9985	89.48
12.5	549,537,885	5,676,630	0.0103	0.9897	89.35
13.5	542,590,859	4,004,481	0.0074	0.9926	88.43
14.5	536,080,932	2,308,402	0.0043	0.9957	87.77
15.5	516,476,643	1,746,786	0.0034	0.9966	87.40
16.5	498,846,286	6,300,133	0.0126	0.9874	87.10
17.5	479,608,234	4,251,495	0.0089	0.9911	86.00
18.5	455,412,829	9,027,116	0.0198	0.9802	85.24
19.5	430,655,596	279,205	0.0006	0.9994	83.55
20.5	423,744,569	890,195	0.0021	0.9979	83.50
21.5	422,709,668	8,266,077	0.0196	0.9804	83.32
22.5	415,458,907	34,415,532	0.0828	0.9172	81.69
23.5	378,441,450	1,785,146	0.0047	0.9953	74.92
24.5	363,597,991	9,420,871	0.0259	0.9741	74.57
25.5	326,462,841	6,844,407	0.0210	0.9790	72.64
26.5	310,068,790	13,311,479	0.0429	0.9571	71.11
27.5	331,933,684	1,016,892	0.0031	0.9969	68.06
28.5	327,841,826	11,108,368	0.0339	0.9661	67.85
29.5	315,690,863	5,666,002	0.0179	0.9821	65.55
30.5	312,468,277	35,498,009	0.1136	0.8864	64.38
31.5	275,580,567	7,294,024	0.0265	0.9735	57.06
32.5	263,463,754	5,759,473	0.0219	0.9781	55.55
33.5	125,196,542	73,522	0.0006	0.9994	54.34
34.5	119,416,925	1,889,957	0.0158	0.9842	54.31
35.5	117,727,409	1,123,958	0.0095	0.9905	53.45
36.5	98,142,739	810,990	0.0083	0.9917	52.94
37.5	84,556,970	1,155,648	0.0137	0.9863	52.50
38.5	75,672,332	3,270,696	0.0432	0.9568	51.78

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	70,344,479	554,463	0.0079	0.9921	49.54
40.5	68,819,363	5,698,416	0.0828	0.9172	49.15
41.5	60,910,028	1,526,578	0.0251	0.9749	45.08
42.5	57,909,758	2,574,370	0.0445	0.9555	43.95
43.5	34,385,086	3,253,498	0.0946	0.9054	42.00
44.5	31,131,374	534,236	0.0172	0.9828	38.03
45.5	11,173,980	1,632,588	0.1461	0.8539	37.37
46.5	9,500,338		0.0000	1.0000	31.91
47.5	9,500,338	844,084	0.0888	0.9112	31.91
48.5	8,450,812	1,754,385	0.2076	0.7924	29.08
49.5					23.04
50.5					
51.5					
52.5					
53.5	146,163		0.0000		
54.5	146,163		0.0000		
55.5	146,163		0.0000		
56.5	146,163		0.0000		
57.5	146,163		0.0000		
58.5	146,163		0.0000		
59.5	146,163		0.0000		
60.5					

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1987-2020

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	1,363,773,118		0.0000	1.0000	100.00
0.5	1,373,406,247	112,960	0.0001	0.9999	100.00
1.5	1,278,063,799	60,935	0.0000	1.0000	99.99
2.5	959,704,139	2,348,393	0.0024	0.9976	99.99
3.5	863,660,967	995,783	0.0012	0.9988	99.74
4.5	820,100,114	3,151,273	0.0038	0.9962	99.63
5.5	786,551,840	3,856,342	0.0049	0.9951	99.24
6.5	745,339,438	31,986,046	0.0429	0.9571	98.76
7.5	698,535,471	295,349	0.0004	0.9996	94.52
8.5	584,734,632	3,869,355	0.0066	0.9934	94.48
9.5	619,065,181	20,926,154	0.0338	0.9662	93.85
10.5	507,269,441	11,214,309	0.0221	0.9779	90.68
11.5	535,369,107	704,492	0.0013	0.9987	88.68
12.5	524,844,166	3,399,305	0.0065	0.9935	88.56
13.5	520,174,466	4,004,481	0.0077	0.9923	87.99
14.5	514,763,859	2,308,402	0.0045	0.9955	87.31
15.5	516,476,643	1,746,786	0.0034	0.9966	86.92
16.5	498,846,286	6,300,133	0.0126	0.9874	86.62
17.5	479,608,234	4,251,495	0.0089	0.9911	85.53
18.5	455,412,829	9,027,116	0.0198	0.9802	84.77
19.5	430,655,596	279,205	0.0006	0.9994	83.09
20.5	423,744,569	890,195	0.0021	0.9979	83.04
21.5	422,709,668	8,266,077	0.0196	0.9804	82.86
22.5	415,458,907	34,415,532	0.0828	0.9172	81.24
23.5	378,441,450	1,785,146	0.0047	0.9953	74.51
24.5	363,597,991	9,420,871	0.0259	0.9741	74.16
25.5	326,462,841	6,844,407	0.0210	0.9790	72.24
26.5	310,068,790	13,311,479	0.0429	0.9571	70.73
27.5	331,933,684	1,016,892	0.0031	0.9969	67.69
28.5	327,841,826	11,108,368	0.0339	0.9661	67.48
29.5	315,690,863	5,666,002	0.0179	0.9821	65.20
30.5	312,468,277	35,498,009	0.1136	0.8864	64.03
31.5	275,580,567	7,294,024	0.0265	0.9735	56.75
32.5	263,463,754	5,759,473	0.0219	0.9781	55.25
33.5	125,196,542	73,522	0.0006	0.9994	54.04
34.5	119,416,925	1,889,957	0.0158	0.9842	54.01
35.5	117,727,409	1,123,958	0.0095	0.9905	53.16
36.5	98,142,739	810,990	0.0083	0.9917	52.65
37.5	84,556,970	1,155,648	0.0137	0.9863	52.21
38.5	75,672,332	3,270,696	0.0432	0.9568	51.50

DUKE ENERGY PROGRESS

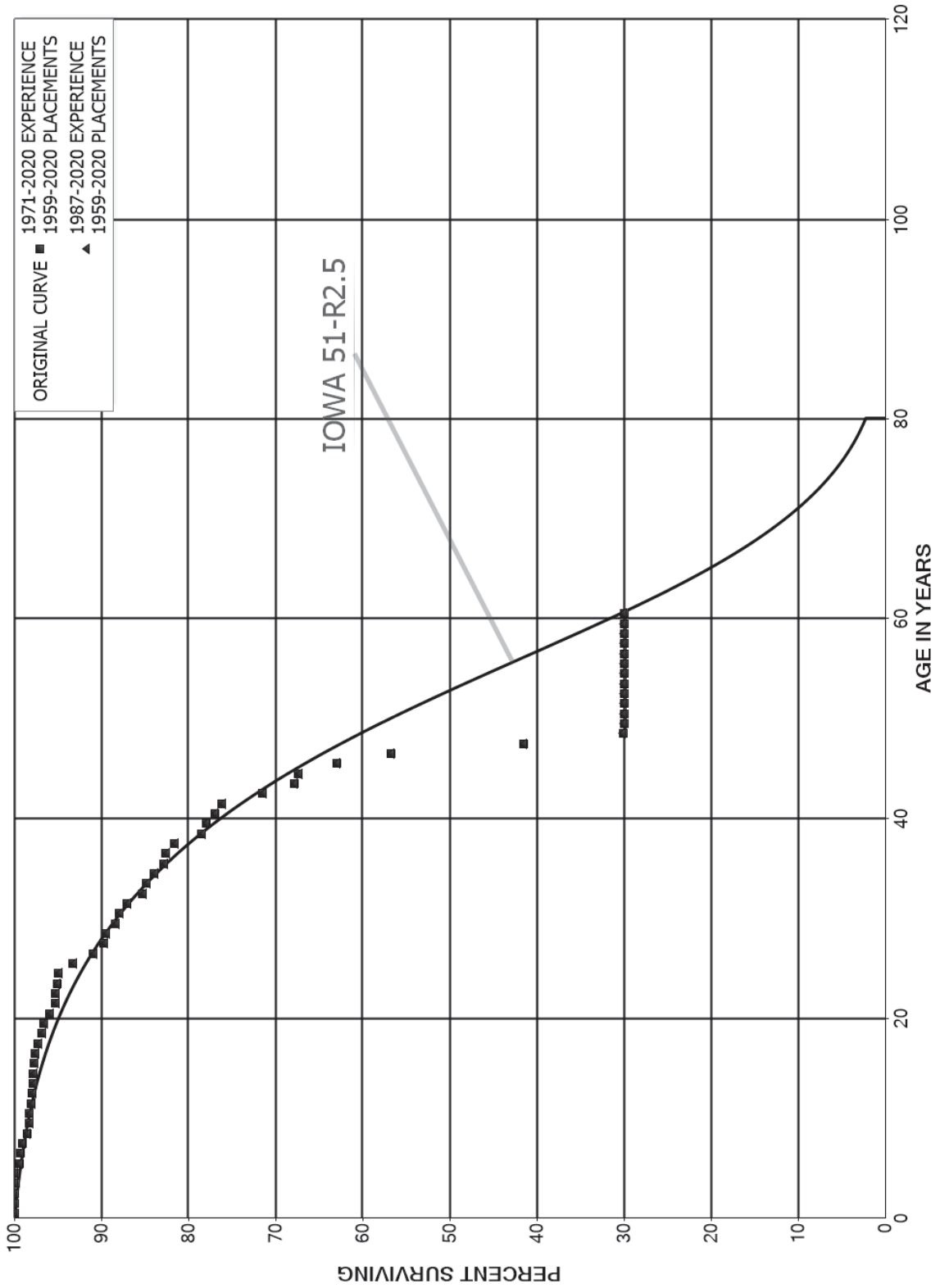
ACCOUNT 323.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1987-2020

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	70,344,479	554,463	0.0079	0.9921	49.27
40.5	68,819,363	5,698,416	0.0828	0.9172	48.88
41.5	60,910,028	1,526,578	0.0251	0.9749	44.84
42.5	57,909,758	2,574,370	0.0445	0.9555	43.71
43.5	34,385,086	3,253,498	0.0946	0.9054	41.77
44.5	31,131,374	534,236	0.0172	0.9828	37.82
45.5	11,173,980	1,632,588	0.1461	0.8539	37.17
46.5	9,500,338		0.0000	1.0000	31.74
47.5	9,500,338	844,084	0.0888	0.9112	31.74
48.5	8,450,812	1,754,385	0.2076	0.7924	28.92
49.5					22.91
50.5					
51.5					
52.5					
53.5	146,163		0.0000		
54.5	146,163		0.0000		
55.5	146,163		0.0000		
56.5	146,163		0.0000		
57.5	146,163		0.0000		
58.5	146,163		0.0000		
59.5	146,163		0.0000		
60.5					

DUKE ENERGY PROGRESS
ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	1,608,765,845		0.0000	1.0000	100.00
0.5	1,358,694,188	721,007	0.0005	0.9995	100.00
1.5	1,370,445,813	395,830	0.0003	0.9997	99.95
2.5	1,221,309,929	574,748	0.0005	0.9995	99.92
3.5	1,120,345,502	693,449	0.0006	0.9994	99.87
4.5	1,063,521,358	4,517,682	0.0042	0.9958	99.81
5.5	933,132,381	1,030,884	0.0011	0.9989	99.39
6.5	846,024,789	2,149,845	0.0025	0.9975	99.28
7.5	775,952,484	3,797,116	0.0049	0.9951	99.02
8.5	734,095,174	1,735,000	0.0024	0.9976	98.54
9.5	728,680,413	533,819	0.0007	0.9993	98.31
10.5	693,746,360	1,468,430	0.0021	0.9979	98.23
11.5	689,964,800	805,803	0.0012	0.9988	98.03
12.5	685,717,956	310,258	0.0005	0.9995	97.91
13.5	681,677,639	492,514	0.0007	0.9993	97.87
14.5	679,759,589	389,225	0.0006	0.9994	97.80
15.5	673,181,075	522,644	0.0008	0.9992	97.74
16.5	670,996,064	2,881,904	0.0043	0.9957	97.66
17.5	667,878,391	2,923,370	0.0044	0.9956	97.24
18.5	663,268,657	1,406,161	0.0021	0.9979	96.82
19.5	660,704,007	4,711,066	0.0071	0.9929	96.61
20.5	660,087,087	4,438,484	0.0067	0.9933	95.93
21.5	654,645,162	193,190	0.0003	0.9997	95.28
22.5	654,480,781	954,483	0.0015	0.9985	95.25
23.5	650,814,205	1,025,153	0.0016	0.9984	95.11
24.5	648,646,456	11,552,714	0.0178	0.9822	94.96
25.5	631,734,465	16,069,881	0.0254	0.9746	93.27
26.5	583,993,127	7,828,022	0.0134	0.9866	90.90
27.5	701,268,703	1,123,976	0.0016	0.9984	89.68
28.5	694,227,432	8,736,663	0.0126	0.9874	89.54
29.5	676,886,855	3,560,862	0.0053	0.9947	88.41
30.5	671,919,671	7,012,294	0.0104	0.9896	87.95
31.5	658,886,851	13,092,445	0.0199	0.9801	87.03
32.5	633,094,004	3,506,419	0.0055	0.9945	85.30
33.5	109,245,868	1,166,400	0.0107	0.9893	84.83
34.5	92,980,343	1,251,545	0.0135	0.9865	83.92
35.5	91,135,667	174,096	0.0019	0.9981	82.79
36.5	83,955,203	1,046,937	0.0125	0.9875	82.63
37.5	89,542,048	3,452,831	0.0386	0.9614	81.60
38.5	85,869,012	531,136	0.0062	0.9938	78.46

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	90,897,712	1,123,103	0.0124	0.9876	77.97
40.5	88,281,026	967,011	0.0110	0.9890	77.01
41.5	85,759,831	5,265,584	0.0614	0.9386	76.16
42.5	80,138,403	4,066,169	0.0507	0.9493	71.49
43.5	49,676,284	357,617	0.0072	0.9928	67.86
44.5	49,209,348	3,198,792	0.0650	0.9350	67.37
45.5	6,502,189	649,821	0.0999	0.9001	62.99
46.5	5,669,081	1,521,500	0.2684	0.7316	56.70
47.5	4,147,581	1,137,725	0.2743	0.7257	41.48
48.5	3,009,856	10,930	0.0036	0.9964	30.10
49.5	1,127		0.0000	1.0000	29.99
50.5	1,127		0.0000	1.0000	29.99
51.5	1,340		0.0000	1.0000	29.99
52.5	213		0.0000	1.0000	29.99
53.5	50,660		0.0000	1.0000	29.99
54.5	50,660		0.0000	1.0000	29.99
55.5	50,660		0.0000	1.0000	29.99
56.5	50,660		0.0000	1.0000	29.99
57.5	50,660		0.0000	1.0000	29.99
58.5	50,447		0.0000	1.0000	29.99
59.5	50,447		0.0000	1.0000	29.99
60.5					29.99

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1987-2020

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	1,481,764,543		0.0000	1.0000	100.00
0.5	1,250,564,868	721,007	0.0006	0.9994	100.00
1.5	1,263,355,474	381,093	0.0003	0.9997	99.94
2.5	1,121,528,434	574,748	0.0005	0.9995	99.91
3.5	1,020,625,127	693,449	0.0007	0.9993	99.86
4.5	963,903,831	4,517,682	0.0047	0.9953	99.79
5.5	835,301,371	1,030,884	0.0012	0.9988	99.33
6.5	750,467,132	2,149,845	0.0029	0.9971	99.20
7.5	689,734,292	3,797,116	0.0055	0.9945	98.92
8.5	650,137,932	1,727,000	0.0027	0.9973	98.37
9.5	677,502,945	533,819	0.0008	0.9992	98.11
10.5	643,066,361	1,468,430	0.0023	0.9977	98.04
11.5	681,379,564	805,803	0.0012	0.9988	97.81
12.5	677,325,285	310,258	0.0005	0.9995	97.70
13.5	673,288,290	492,514	0.0007	0.9993	97.65
14.5	671,798,908	389,225	0.0006	0.9994	97.58
15.5	673,162,221	522,644	0.0008	0.9992	97.52
16.5	670,977,210	2,881,904	0.0043	0.9957	97.45
17.5	667,859,538	2,923,370	0.0044	0.9956	97.03
18.5	663,249,803	1,406,161	0.0021	0.9979	96.60
19.5	660,685,154	4,711,066	0.0071	0.9929	96.40
20.5	660,068,233	4,438,484	0.0067	0.9933	95.71
21.5	654,626,309	193,190	0.0003	0.9997	95.07
22.5	654,461,927	954,483	0.0015	0.9985	95.04
23.5	650,795,352	1,025,153	0.0016	0.9984	94.90
24.5	648,627,602	11,552,714	0.0178	0.9822	94.75
25.5	631,715,611	16,069,881	0.0254	0.9746	93.06
26.5	583,974,273	7,828,022	0.0134	0.9866	90.70
27.5	701,268,703	1,123,976	0.0016	0.9984	89.48
28.5	694,227,432	8,736,663	0.0126	0.9874	89.34
29.5	676,886,855	3,560,862	0.0053	0.9947	88.21
30.5	671,919,671	7,012,294	0.0104	0.9896	87.75
31.5	658,886,851	13,092,445	0.0199	0.9801	86.83
32.5	633,094,004	3,506,419	0.0055	0.9945	85.11
33.5	109,245,868	1,166,400	0.0107	0.9893	84.64
34.5	92,980,343	1,251,545	0.0135	0.9865	83.73
35.5	91,135,667	174,096	0.0019	0.9981	82.61
36.5	83,955,203	1,046,937	0.0125	0.9875	82.45
37.5	89,542,048	3,452,831	0.0386	0.9614	81.42
38.5	85,869,012	531,136	0.0062	0.9938	78.28

DUKE ENERGY PROGRESS

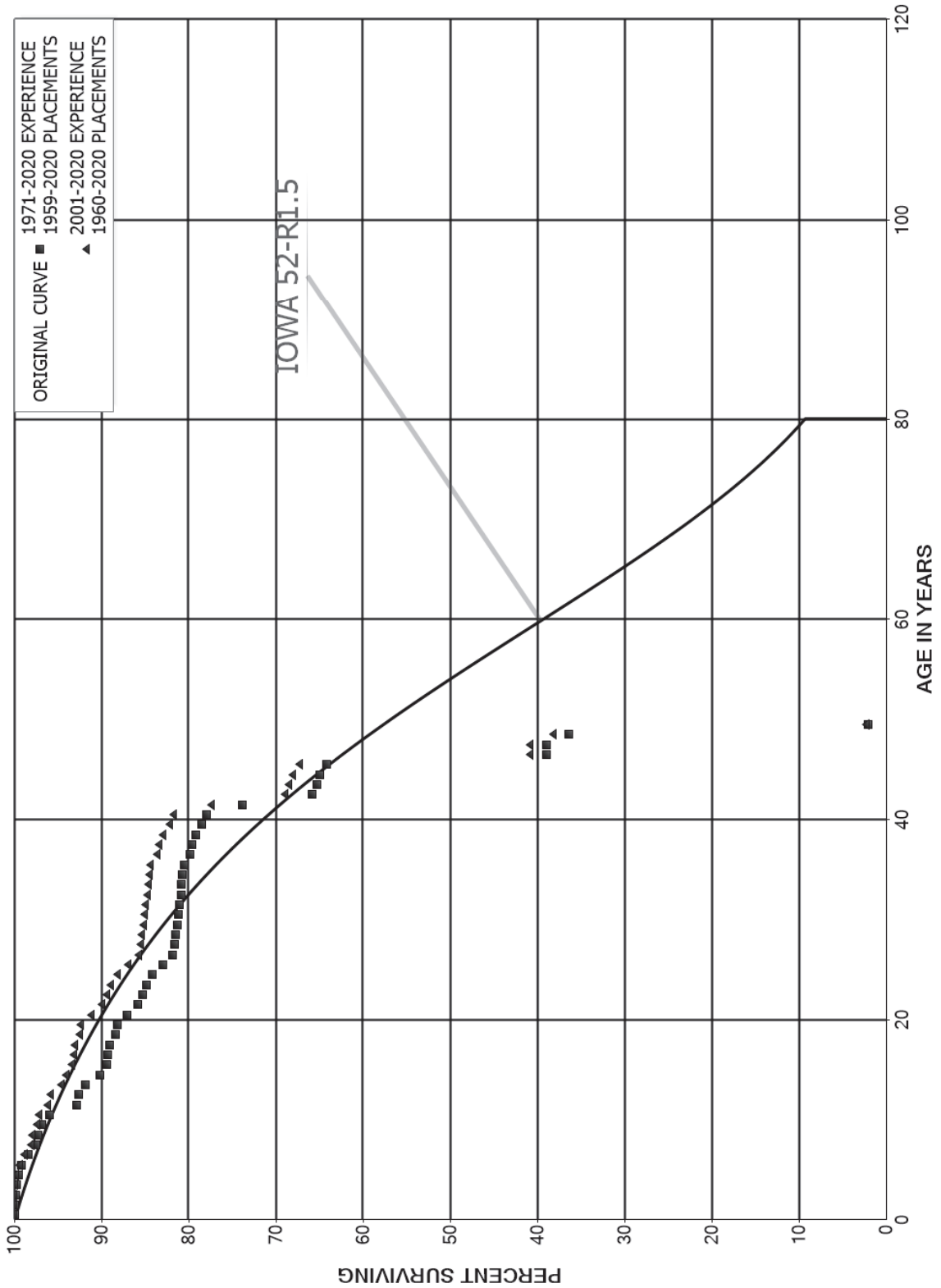
ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1987-2020

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	90,897,712	1,123,103	0.0124	0.9876	77.80
40.5	88,281,026	967,011	0.0110	0.9890	76.84
41.5	85,759,831	5,265,584	0.0614	0.9386	75.99
42.5	80,138,403	4,066,169	0.0507	0.9493	71.33
43.5	49,676,284	357,617	0.0072	0.9928	67.71
44.5	49,209,348	3,198,792	0.0650	0.9350	67.22
45.5	6,502,189	649,821	0.0999	0.9001	62.85
46.5	5,669,081	1,521,500	0.2684	0.7316	56.57
47.5	4,147,581	1,137,725	0.2743	0.7257	41.39
48.5	3,009,856	10,930	0.0036	0.9964	30.03
49.5	1,127		0.0000	1.0000	29.93
50.5	1,127		0.0000	1.0000	29.93
51.5	1,340		0.0000	1.0000	29.93
52.5	213		0.0000	1.0000	29.93
53.5	50,660		0.0000	1.0000	29.93
54.5	50,660		0.0000	1.0000	29.93
55.5	50,660		0.0000	1.0000	29.93
56.5	50,660		0.0000	1.0000	29.93
57.5	50,660		0.0000	1.0000	29.93
58.5	50,447		0.0000	1.0000	29.93
59.5	50,447		0.0000	1.0000	29.93
60.5					29.93

DUKE ENERGY PROGRESS
ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	767,989,261		0.0000	1.0000	100.00
0.5	694,394,143	239,321	0.0003	0.9997	100.00
1.5	655,675,344	715,521	0.0011	0.9989	99.97
2.5	645,911,341	711,133	0.0011	0.9989	99.86
3.5	582,589,187	1,417,143	0.0024	0.9976	99.75
4.5	548,744,560	1,995,686	0.0036	0.9964	99.50
5.5	483,189,972	3,389,199	0.0070	0.9930	99.14
6.5	466,744,945	4,357,970	0.0093	0.9907	98.45
7.5	433,064,831	1,196,327	0.0028	0.9972	97.53
8.5	364,958,900	1,705,869	0.0047	0.9953	97.26
9.5	337,226,159	2,766,357	0.0082	0.9918	96.80
10.5	326,149,137	10,665,443	0.0327	0.9673	96.01
11.5	308,524,085	1,026,674	0.0033	0.9967	92.87
12.5	286,692,193	2,182,160	0.0076	0.9924	92.56
13.5	270,241,311	5,075,138	0.0188	0.9812	91.86
14.5	257,668,648	1,975,488	0.0077	0.9923	90.13
15.5	253,534,149	545,952	0.0022	0.9978	89.44
16.5	250,265,598	528,954	0.0021	0.9979	89.25
17.5	245,611,890	1,772,315	0.0072	0.9928	89.06
18.5	241,432,898	551,433	0.0023	0.9977	88.42
19.5	238,582,434	2,996,283	0.0126	0.9874	88.21
20.5	226,366,579	3,406,148	0.0150	0.9850	87.11
21.5	219,245,155	1,202,289	0.0055	0.9945	85.80
22.5	215,541,433	1,185,654	0.0055	0.9945	85.33
23.5	208,909,700	1,751,902	0.0084	0.9916	84.86
24.5	200,868,567	2,762,762	0.0138	0.9862	84.14
25.5	188,601,202	2,547,684	0.0135	0.9865	82.99
26.5	172,761,683	608,080	0.0035	0.9965	81.87
27.5	189,715,029	256,658	0.0014	0.9986	81.58
28.5	187,476,010	435,991	0.0023	0.9977	81.47
29.5	184,979,062	163,571	0.0009	0.9991	81.28
30.5	177,209,148	189,630	0.0011	0.9989	81.21
31.5	171,150,202	590,725	0.0035	0.9965	81.12
32.5	152,587,376	104,959	0.0007	0.9993	80.84
33.5	53,805,875	63,622	0.0012	0.9988	80.78
34.5	38,086,456	71,989	0.0019	0.9981	80.69
35.5	22,272,151	206,344	0.0093	0.9907	80.54
36.5	12,766,607	34,590	0.0027	0.9973	79.79
37.5	11,993,584	63,165	0.0053	0.9947	79.57
38.5	11,158,982	93,884	0.0084	0.9916	79.15

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1959-2020 EXPERIENCE BAND 1971-2020

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	10,356,803	65,490	0.0063	0.9937	78.49
40.5	9,840,885	524,474	0.0533	0.9467	77.99
41.5	8,872,737	966,913	0.1090	0.8910	73.84
42.5	7,481,204	53,447	0.0071	0.9929	65.79
43.5	4,777,048	27,347	0.0057	0.9943	65.32
44.5	4,621,485	52,484	0.0114	0.9886	64.95
45.5	1,846,092	726,030	0.3933	0.6067	64.21
46.5	1,099,568		0.0000	1.0000	38.96
47.5	1,099,568	72,002	0.0655	0.9345	38.96
48.5	1,025,500	967,695	0.9436	0.0564	36.41
49.5					2.05
50.5					
51.5					
52.5					
53.5	77,992		0.0000		
54.5	77,992		0.0000		
55.5	77,992		0.0000		
56.5	77,992		0.0000		
57.5	77,992		0.0000		
58.5	77,992		0.0000		
59.5	77,992		0.0000		
60.5					

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2020 EXPERIENCE BAND 2001-2020

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	459,580,957		0.0000	1.0000	100.00
0.5	441,202,814	4,605	0.0000	1.0000	100.00
1.5	403,421,200	248,595	0.0006	0.9994	100.00
2.5	395,345,394	423,747	0.0011	0.9989	99.94
3.5	339,343,241	323,848	0.0010	0.9990	99.83
4.5	312,998,059	1,488,363	0.0048	0.9952	99.73
5.5	258,488,625	1,433,813	0.0055	0.9945	99.26
6.5	260,698,730	1,925,928	0.0074	0.9926	98.71
7.5	233,675,840	456,530	0.0020	0.9980	97.98
8.5	172,445,351	954,464	0.0055	0.9945	97.79
9.5	150,958,480	308,574	0.0020	0.9980	97.25
10.5	151,575,901	1,508,961	0.0100	0.9900	97.05
11.5	149,383,532	569,898	0.0038	0.9962	96.08
12.5	143,660,212	1,887,916	0.0131	0.9869	95.72
13.5	212,947,381	1,217,807	0.0057	0.9943	94.46
14.5	217,447,146	1,588,180	0.0073	0.9927	93.92
15.5	226,522,249	280,313	0.0012	0.9988	93.23
16.5	232,187,110	350,922	0.0015	0.9985	93.12
17.5	229,973,780	1,328,678	0.0058	0.9942	92.98
18.5	228,427,003	510,022	0.0022	0.9978	92.44
19.5	227,718,148	2,981,908	0.0131	0.9869	92.23
20.5	216,611,930	2,875,491	0.0133	0.9867	91.03
21.5	210,696,536	1,201,283	0.0057	0.9943	89.82
22.5	207,518,534	1,158,374	0.0056	0.9944	89.30
23.5	203,997,530	1,751,902	0.0086	0.9914	88.81
24.5	196,027,340	2,762,609	0.0141	0.9859	88.04
25.5	186,573,317	2,463,456	0.0132	0.9868	86.80
26.5	170,866,686	604,455	0.0035	0.9965	85.66
27.5	187,823,863	256,658	0.0014	0.9986	85.35
28.5	185,684,430	435,825	0.0023	0.9977	85.24
29.5	184,978,791	163,571	0.0009	0.9991	85.04
30.5	177,208,877	189,630	0.0011	0.9989	84.96
31.5	171,149,931	590,725	0.0035	0.9965	84.87
32.5	152,587,233	104,959	0.0007	0.9993	84.58
33.5	53,805,731	63,622	0.0012	0.9988	84.52
34.5	38,086,313	71,989	0.0019	0.9981	84.42
35.5	22,272,008	206,200	0.0093	0.9907	84.26
36.5	12,766,607	34,590	0.0027	0.9973	83.48
37.5	11,993,584	63,165	0.0053	0.9947	83.25
38.5	11,158,982	93,884	0.0084	0.9916	82.82

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2020 EXPERIENCE BAND 2001-2020

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	10,356,803	65,490	0.0063	0.9937	82.12
40.5	9,840,885	524,474	0.0533	0.9467	81.60
41.5	8,872,737	966,913	0.1090	0.8910	77.25
42.5	7,481,204	53,447	0.0071	0.9929	68.83
43.5	4,777,048	27,347	0.0057	0.9943	68.34
44.5	4,621,485	52,484	0.0114	0.9886	67.95
45.5	1,846,092	726,030	0.3933	0.6067	67.18
46.5	1,099,568		0.0000	1.0000	40.76
47.5	1,099,568	72,002	0.0655	0.9345	40.76
48.5	1,025,500	967,695	0.9436	0.0564	38.09
49.5					2.15
50.5					
51.5					
52.5					
53.5	77,992		0.0000		
54.5	77,992		0.0000		
55.5	77,992		0.0000		
56.5	77,992		0.0000		
57.5	77,992		0.0000		
58.5	77,992		0.0000		
59.5	77,992		0.0000		
60.5					

PART VIII. NET SALVAGE STATISTICS

DUKE ENERGY PROGRESS

TABLE 1. CALCULATION OF TERMINAL AND INTERIM RETIREMENTS AS A PERCENT OF TOTAL RETIREMENTS

LOCATION	TOTAL PROJECTED RETIREMENTS	TOTAL TERMINAL RETIREMENTS		TOTAL INTERIM RETIREMENTS	
		AMOUNT	(%)	AMOUNT	(%)
(1)	(2)	(3)	(4)=(3)/(2)	(6)	(7)=(6)/(2)
NUCLEAR PRODUCTION					
BRUNSWICK	(3,378,953,455.46)	(1,877,123,999.80)	55.55	(1,501,829,455.66)	44.45
HARRIS	(4,445,967,075.44)	(1,592,055,569.55)	35.81	(2,853,911,505.89)	64.19
ROBINSON	(1,660,899,554.49)	(1,119,235,345.08)	67.39	(541,664,209.41)	32.61
TOTAL NUCLEAR PRODUCTION	**(9,485,820,085.39)**	**(4,588,414,914.43)**	**48.37**	**(4,897,405,170.96)**	**51.63**

DUKE ENERGY PROGRESS

TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT

ACCOUNT	TERMINAL RETIREMENTS RETIREMENTS (%)	TERMINAL RETIREMENTS NET SALVAGE (%)	INTERIM RETIREMENTS RETIREMENTS (%)	INTERIM RETIREMENTS NET SALVAGE (%)	WEIGHTED AVERAGE NET SALVAGE %
(1)	(2)	(3)	(4)	(5)	(6)=(2)*(3)+(4)*(5)
NUCLEAR PRODUCTION					
BRUNSWICK	55.55	0	44.45	(11)	(5)
HARRIS	35.81	0	64.19	(11)	(7)
ROBINSON	67.39	0	32.61	(11)	(4)

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1980	4,700		0		0		0
1981							
1982	33,550	5,221	16	1,800	5	3,421-	10-
1983							
1984							
1985							
1986	22,058		0		0		0
1987	1,215,569		0		0		0
1988	2,618,216	327-	0		0	327	0
1989	41,270	2,586	6		0	2,586-	6-
1990	85,115	450	1	37,766	44	37,316	44
1991				122-		122-	
1992	1,100		0		0		0
1993		450-				450	
1994	1,237,119		0		0		0
1995	855,355		0	129,583	15	129,583	15
1996	4,121,454	107,775	3	102,389	2	5,386-	0
1997	11,116,953	1,539	0		0	1,539-	0
1998	1,853,706	20,387	1		0	20,387-	1-
1999	1,602,191		0		0		0
2000	269,621		0		0		0
2001							
2002							
2003	261,671	504,193	193		0	504,193-	193-
2004	197,826	455,097	230	87	0	455,010-	230-
2005		244,976				244,976-	
2006	1,865,178	85,830	5	106,748	6	20,918	1
2007	6,390,389	277,732	4		0	277,732-	4-
2008	8,694,098	146,754	2		0	146,754-	2-
2009	4,331,189	433,661	10	152,004	4	281,658-	7-
2010	7,416,415	746,614	10	91	0	746,524-	10-
2011	2,606,308	880,308	34	36	0	880,272-	34-
2012	7,727,894	1,373,806	18	8	0	1,373,799-	18-
2013	5,177,242	1,103,407	21	3,308	0	1,100,099-	21-
2014	5,378,382	1,056,298	20		0	1,056,298-	20-
2015	7,583,932	1,273,894	17		0	1,273,894-	17-
2016	37,887,019	1,447,415	4		0	1,447,415-	4-
2017	19,359,094	3,613,387	19	44,459	0	3,568,928-	18-
2018	11,595,569	1,384,245	12		0	1,384,245-	12-
2019	18,482,172	6,017,622	33	2,308-	0	6,019,931-	33-
2020	4,818,461	4,681,197	97	157,781	3	4,523,416-	94-
TOTAL	174,850,817	25,863,618	15	733,629	0	25,129,989-	14-

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
80-82	12,750	1,740	14	600	5	1,140-	9-
81-83	11,183	1,740	16	600	5	1,140-	10-
82-84	11,183	1,740	16	600	5	1,140-	10-
83-85							
84-86	7,353		0		0		0
85-87	412,542		0		0		0
86-88	1,285,281	109-	0		0	109	0
87-89	1,291,685	753	0		0	753-	0
88-90	914,867	903	0	12,589	1	11,686	1
89-91	42,128	1,012	2	12,548	30	11,536	27
90-92	28,738	150	1	12,548	44	12,398	43
91-93	367	150-	41-	41-	11-	109	30
92-94	412,740	150-	0		0	150	0
93-95	697,491	150-	0	43,194	6	43,345	6
94-96	2,071,309	35,925	2	77,324	4	41,399	2
95-97	5,364,587	36,438	1	77,324	1	40,886	1
96-98	5,697,371	43,234	1	34,130	1	9,104-	0
97-99	4,857,617	7,309	0		0	7,309-	0
98-00	1,241,839	6,796	1		0	6,796-	1-
99-01	623,937		0		0		0
00-02	89,874		0		0		0
01-03	87,224	168,064	193		0	168,064-	193-
02-04	153,166	319,763	209	29	0	319,734-	209-
03-05	153,166	401,422	262	29	0	401,393-	262-
04-06	687,668	261,967	38	35,612	5	226,356-	33-
05-07	2,751,856	202,846	7	35,583	1	167,263-	6-
06-08	5,649,888	170,105	3	35,583	1	134,522-	2-
07-09	6,471,892	286,049	4	50,668	1	235,381-	4-
08-10	6,813,900	442,343	6	50,698	1	391,645-	6-
09-11	4,784,637	686,861	14	50,710	1	636,151-	13-
10-12	5,916,872	1,000,243	17	45	0	1,000,198-	17-
11-13	5,170,481	1,119,174	22	1,118	0	1,118,056-	22-
12-14	6,094,506	1,177,837	19	1,105	0	1,176,732-	19-
13-15	6,046,519	1,144,533	19	1,103	0	1,143,431-	19-
14-16	16,949,778	1,259,202	7		0	1,259,202-	7-
15-17	21,610,015	2,111,565	10	14,820	0	2,096,746-	10-
16-18	22,947,228	2,148,349	9	14,820	0	2,133,529-	9-

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
17-19	16,478,945	3,671,751	22	14,050	0	3,657,701-	22-
18-20	11,632,067	4,027,688	35	51,824	0	3,975,864-	34-
FIVE-YEAR AVERAGE							
16-20	18,428,463	3,428,773	19	39,986	0	3,388,787-	18-

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1981		11,704				11,704-	
1982	3,944,095	41,747	1	6,346	0	35,401-	1-
1983	7,300,874	604,933	8	4,467,449	61	3,862,516	53
1984	60,108	3,259,024			0	3,259,024-	
1985	5,121,749	82,726	2	1,280,440	25	1,197,714	23
1986	1,641,252	230,708	14	9	0	230,700-	14-
1987	474,951	28,512	6	427,456	90	398,944	84
1988	1,966,051	56,835	3	423,610	22	366,775	19
1989	357,727	4,498	1		0	4,498-	1-
1990							
1991							
1992							
1993							
1994	398,221		0		0		0
1995	7,513,416	855,810	11	818,573	11	37,237-	0
1996	1,056,284	739,753	70	1,450,848	137	711,095	67
1997	10,416,182	164,567	2	7,011,146	67	6,846,579	66
1998	12,324,900	641,341	5		0	641,341-	5-
1999	1,354,879		0		0		0
2000	783,261	54,648	7		0	54,648-	7-
2001	81,566		0		0		0
2002	10,270,130	1,082,234	11		0	1,082,234-	11-
2003	4,201,476	3,773,133	90		0	3,773,133-	90-
2004	8,440,896	6,024,031	71	20,418	0	6,003,613-	71-
2005	2,665,650	2,782,916	104		0	2,782,916-	104-
2006	11,185,066	6,412-	0		0	6,412	0
2007	4,760,664	955,319	20		0	955,319-	20-
2008	4,202,061	1,504,395	36	16,414	0	1,487,981-	35-
2009	19,248,177	1,439,759	7	17	0	1,439,742-	7-
2010	11,635,239	1,132,995	10		0	1,132,995-	10-
2011	6,599,072	1,490,668	23	120	0	1,490,548-	23-
2012	18,207,785	1,005,630	6	15	0	1,005,615-	6-
2013	8,722,625	2,555,691	29	173,966	2	2,381,724-	27-
2014	7,162,658	3,477,981	49		0	3,477,981-	49-
2015	19,758,131	3,294,970	17	14,431-	0	3,309,401-	17-
2016	29,216,326	1,941,413	7	37,245	0	1,904,168-	7-
2017	30,533,376	2,236,617	7		0	2,236,617-	7-
2018	25,414,465	400,479	2	217,282	1	183,198-	1-
2019	85,777,991	14,527,897	17	1,001,520	1	13,526,377-	16-
2020	39,780,924	4,419,395	11	7,472,632	19	3,053,238	8
TOTAL	402,578,225	60,815,916	15	24,811,075	6	36,004,840-	9-

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
81-83	3,748,323	219,461	6	1,491,265	40	1,271,804	34
82-84	3,768,359	1,301,901	35	1,491,265	40	189,364	5
83-85	4,160,910	1,315,561	32	1,915,963	46	600,402	14
84-86	2,274,370	1,190,819	52	426,816	19	764,003-	34-
85-87	2,412,651	113,982	5	569,302	24	455,320	19
86-88	1,360,751	105,352	8	283,692	21	178,340	13
87-89	932,910	29,948	3	283,689	30	253,740	27
88-90	774,593	20,444	3	141,203	18	120,759	16
89-91	119,242	1,499	1		0	1,499-	1-
90-92							
91-93							
92-94	132,740		0		0		0
93-95	2,637,212	285,270	11	272,858	10	12,412-	0
94-96	2,989,307	531,854	18	756,474	25	224,620	8
95-97	6,328,627	586,710	9	3,093,523	49	2,506,813	40
96-98	7,932,455	515,220	6	2,820,665	36	2,305,444	29
97-99	8,031,987	268,636	3	2,337,049	29	2,068,413	26
98-00	4,821,013	231,996	5		0	231,996-	5-
99-01	739,902	18,216	2		0	18,216-	2-
00-02	3,711,652	378,961	10		0	378,961-	10-
01-03	4,851,057	1,618,456	33		0	1,618,456-	33-
02-04	7,637,501	3,626,466	47	6,806	0	3,619,660-	47-
03-05	5,102,674	4,193,360	82	6,806	0	4,186,554-	82-
04-06	7,430,537	2,933,512	39	6,806	0	2,926,706-	39-
05-07	6,203,793	1,243,941	20		0	1,243,941-	20-
06-08	6,715,930	817,767	12	5,471	0	812,296-	12-
07-09	9,403,634	1,299,824	14	5,477	0	1,294,347-	14-
08-10	11,695,159	1,359,050	12	5,477	0	1,353,573-	12-
09-11	12,494,163	1,354,474	11	46	0	1,354,428-	11-
10-12	12,147,365	1,209,764	10	45	0	1,209,719-	10-
11-13	11,176,494	1,683,996	15	58,034	1	1,625,962-	15-
12-14	11,364,356	2,346,434	21	57,994	1	2,288,440-	20-
13-15	11,881,138	3,109,547	26	53,178	0	3,056,369-	26-
14-16	18,712,372	2,904,788	16	7,605	0	2,897,183-	15-
15-17	26,502,611	2,491,000	9	7,605	0	2,483,395-	9-
16-18	28,388,055	1,526,170	5	84,842	0	1,441,327-	5-

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
17-19	47,241,944	5,721,664	12	406,267	1	5,315,397-	11-
18-20	50,324,460	6,449,257	13	2,897,145	6	3,552,112-	7-
FIVE-YEAR AVERAGE							
16-20	42,144,616	4,705,160	11	1,745,736	4	2,959,424-	7-

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1980				700		700	
1981							
1982	30,613		0		0		0
1983	549,566	797	0	47,820	9	47,023	9
1984	2,419,606	3,996	0		0	3,996-	0
1985		62				62-	
1986	4,496,431	281	0	17,672	0	17,391	0
1987	759,998	21	0	10	0	11-	0
1988	7,209,828	431	0	4,737	0	4,306	0
1989	1,709,838	3,717-	0	359	0	4,076	0
1990				10,638		10,638	
1991							
1992				2,102		2,102	
1993							
1994				22,288		22,288	
1995	268,998	1,518	1	196,676	73	195,157	73
1996	9,273,793	419	0	31,176	0	30,757	0
1997	10,776,728		0	7,807	0	7,807	0
1998	5,249,865		0		0		0
1999							
2000	716,113		0		0		0
2001							
2002	1,709,820	1,119,547	65		0	1,119,547-	65-
2003	6,662,710	4,036,193	61		0	4,036,193-	61-
2004	11,811,059	2,176,137	18		0	2,176,137-	18-
2005		7,953				7,953-	
2006	52,873	458,006	866		0	458,006-	866-
2007	2,886,072	439,668	15		0	439,668-	15-
2008	3,201,658	368,051	11		0	368,051-	11-
2009	1,424,246	217,902	15		0	217,902-	15-
2010	41,256,131	177,062	0	7	0	177,055-	0
2011	4,259,999	3,147,895	74	55-	0	3,147,950-	74-
2012	23,623,940	244,982	1	16	0	244,966-	1-
2013	2,162,637	100,420	5	1	0	100,419-	5-
2014	13,480,988	1,872,289	14		0	1,872,289-	14-
2015	3,875,417	652,575	17		0	652,575-	17-
2016	3,129,804	502,187	16		0	502,187-	16-
2017	10,563,162	4,207,091	40		0	4,207,091-	40-
2018	74,880,945	224,455	0		0	224,455-	0
2019	21,109,126	16,450,785	78		0	16,450,785-	78-
2020	15,427,852	18,028,662	117	622,952	4	17,405,710-	113-
TOTAL	284,979,816	54,435,668	19	964,904	0	53,470,764-	19-

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
80-82	10,204		0	233	2	233	2
81-83	193,393	266	0	15,940	8	15,674	8
82-84	999,928	1,598	0	15,940	2	14,342	1
83-85	989,724	1,618	0	15,940	2	14,322	1
84-86	2,305,346	1,446	0	5,891	0	4,444	0
85-87	1,752,143	121	0	5,894	0	5,773	0
86-88	4,155,419	244	0	7,473	0	7,229	0
87-89	3,226,555	1,088-	0	1,702	0	2,790	0
88-90	2,973,222	1,095-	0	5,245	0	6,340	0
89-91	569,946	1,239-	0	3,666	1	4,905	1
90-92				4,247		4,247	
91-93				701		701	
92-94				8,130		8,130	
93-95	89,666	506	1	72,988	81	72,482	81
94-96	3,180,930	646	0	83,380	3	82,734	3
95-97	6,773,173	646	0	78,553	1	77,907	1
96-98	8,433,462	140	0	12,994	0	12,854	0
97-99	5,342,198		0	2,602	0	2,602	0
98-00	1,988,659		0		0		0
99-01	238,704		0		0		0
00-02	808,644	373,182	46		0	373,182-	46-
01-03	2,790,843	1,718,580	62		0	1,718,580-	62-
02-04	6,727,863	2,443,959	36		0	2,443,959-	36-
03-05	6,157,923	2,073,428	34		0	2,073,428-	34-
04-06	3,954,644	880,699	22		0	880,699-	22-
05-07	979,648	301,876	31		0	301,876-	31-
06-08	2,046,868	421,908	21		0	421,908-	21-
07-09	2,503,992	341,874	14		0	341,874-	14-
08-10	15,294,012	254,338	2	2	0	254,336-	2-
09-11	15,646,792	1,180,953	8	16-	0	1,180,969-	8-
10-12	23,046,690	1,189,980	5	11-	0	1,189,991-	5-
11-13	10,015,525	1,164,432	12	13-	0	1,164,445-	12-
12-14	13,089,188	739,230	6	5	0	739,225-	6-
13-15	6,506,347	875,095	13		0	875,094-	13-
14-16	6,828,736	1,009,017	15		0	1,009,017-	15-
15-17	5,856,128	1,787,284	31		0	1,787,284-	31-
16-18	29,524,637	1,644,578	6		0	1,644,578-	6-

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
17-19	35,517,744	6,960,777	20		0	6,960,777-	20-
18-20	37,139,308	11,567,968	31	207,651	1	11,360,317-	31-
FIVE-YEAR AVERAGE							
16-20	25,022,178	7,882,636	32	124,590	0	7,758,046-	31-

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1980	8,000		0		0		0
1981							
1982							
1983							
1984							
1985							
1986	1		0	8,797		8,797	
1987	143,209		0	16,000	11	16,000	11
1988	24,732	150	1		0	150-	1-
1989		1,342-				1,342	
1990		19,097				19,097-	
1991	170,149	16,778	10		0	16,778-	10-
1992	60,415		0	27,600	46	27,600	46
1993		19,097-				19,097	
1994	291,097		0		0		0
1995	6,730,433	158,470	2	235,632	4	77,162	1
1996	368,540	21,689	6	68,351	19	46,662	13
1997	829,858		0	392,016	47	392,016	47
1998	2,110,838		0		0		0
1999							
2000	6,414,911		0		0		0
2001							
2002	616,749		0		0		0
2003	37,362		0		0		0
2004	98	303,584			0	303,584-	
2005	251,935	77,918	31		0	77,918-	31-
2006	11,349		0		0		0
2007	284,089	78,081	27		0	78,081-	27-
2008	3,133,134	2,118	0	264,215	8	262,098	8
2009	47,786		0	28,500	60	28,500	60
2010	1,590,395	124,230	8		0	124,230-	8-
2011	3,093,810	606,251	20		0	606,251-	20-
2012	13,550,753	22,854	0	14	0	22,840-	0
2013	20,531,329	32,948	0		0	32,948-	0
2014	10,359,327	154,314	1		0	154,314-	1-
2015	7,416,282	763,376	10		0	763,376-	10-
2016	15,952,227	832,335	5		0	832,335-	5-
2017	17,311,028	699,173	4		0	699,173-	4-
2018	14,791,269	596,601	4	169,782	1	426,819-	3-
2019	5,490,620	6,719,948	122	74,509	1	6,645,439-	121-
2020	4,441,810	1,398,856	31	1,446,850	33	47,994	1
TOTAL	136,063,534	12,608,331	9	2,732,266	2	9,876,065-	7-

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
80-82	2,667		0		0		0
81-83							
82-84							
83-85							
84-86			0	2,932		2,932	
85-87	47,736		0	8,266	17	8,266	17
86-88	55,980	50	0	8,266	15	8,216	15
87-89	55,980	397-	1-	5,333	10	5,731	10
88-90	8,244	5,968	72		0	5,968-	72-
89-91	56,716	11,511	20		0	11,511-	20-
90-92	76,854	11,959	16	9,200	12	2,759-	4-
91-93	76,854	773-	1-	9,200	12	9,973	13
92-94	117,171	6,366-	5-	9,200	8	15,566	13
93-95	2,340,510	46,458	2	78,544	3	32,086	1
94-96	2,463,357	60,053	2	101,328	4	41,275	2
95-97	2,642,944	60,053	2	232,000	9	171,947	7
96-98	1,103,079	7,230	1	153,456	14	146,226	13
97-99	980,232		0	130,672	13	130,672	13
98-00	2,841,916		0		0		0
99-01	2,138,304		0		0		0
00-02	2,343,887		0		0		0
01-03	218,037		0		0		0
02-04	218,070	101,195	46		0	101,195-	46-
03-05	96,465	127,167	132		0	127,167-	132-
04-06	87,794	127,167	145		0	127,167-	145-
05-07	182,458	52,000	28		0	52,000-	28-
06-08	1,142,857	26,733	2	88,072	8	61,339	5
07-09	1,155,003	26,733	2	97,572	8	70,839	6
08-10	1,590,438	42,116	3	97,572	6	55,456	3
09-11	1,577,330	243,494	15	9,500	1	233,994-	15-
10-12	6,078,319	251,112	4	5	0	251,107-	4-
11-13	12,391,964	220,684	2	5	0	220,680-	2-
12-14	14,813,803	70,039	0	5	0	70,034-	0
13-15	12,768,979	316,879	2		0	316,879-	2-
14-16	11,242,612	583,342	5		0	583,342-	5-
15-17	13,559,845	764,961	6		0	764,961-	6-
16-18	16,018,174	709,370	4	56,594	0	652,775-	4-

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
17-19	12,530,972	2,671,907	21	81,430	1	2,590,477-	21-
18-20	8,241,233	2,905,135	35	563,714	7	2,341,421-	28-
FIVE-YEAR AVERAGE							
16-20	11,597,391	2,049,383	18	338,228	3	1,711,154-	15-

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1980				700		700	
1981	1,199		0		0		0
1982	34,000		0		0		0
1983	159,552	797	0	47,820	30	47,023	29
1984	86,256	3,996	5		0	3,996-	5-
1985		62				62-	
1986	151,809	281	0	17,672	12	17,391	11
1987	133,643	21	0	10	0	11-	0
1988	66,848	431	1	4,737	7	4,306	6
1989	8,561	3,717-	43-	359	4	4,076	48
1990	17,597		0	10,638	60	10,638	60
1991							
1992				2,102		2,102	
1993							
1994	2,331,993		0	22,288	1	22,288	1
1995	453,456	1,518	0	196,676	43	195,157	43
1996	92,090	419	0	31,176	34	30,757	33
1997	25,892		0	7,807	30	7,807	30
1998	21,413,066		0		0		0
1999	168,231		0		0		0
2000	1,052,286		0		0		0
2001							
2002	2,023,976		0	939	0	939	0
2003	1,943,330	3,784	0		0	3,784-	0
2004	1,848,612		0		0		0
2005	270,580		0	16,245	6	16,245	6
2006	1,916,356		0		0		0
2007	1,073,805	209,675	20		0	209,675-	20-
2008	5,163,425	89,504	2		0	89,504-	2-
2009	1,120,784	5,159	0	27,052-	2-	32,211-	3-
2010	2,881,733	120,098	4	2	0	120,096-	4-
2011	3,955,333	2,296	0		0	2,296-	0
2012	5,351,896	25,149	0		0	25,149-	0
2013	3,479,805	66,806	2		0	66,806-	2-
2014	330,547	62,688	19		0	62,688-	19-
2015	1,073,887	10,513	1		0	10,513-	1-
2016	2,095,904	4,380	0		0	4,380-	0
2017	600,884	304,119	51		0	304,119-	51-
2018	1,900,273	144,495	8		0	144,495-	8-
2019	729,070	393,020	54	104,132	14	288,887-	40-
2020	581,139	3,144,869	541	29,895	5	3,114,974-	536-
TOTAL	64,537,821	4,590,364	7	466,147	1	4,124,217-	6-

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
80-82	11,733		0	233	2	233	2
81-83	64,917	266	0	15,940	25	15,674	24
82-84	93,269	1,598	2	15,940	17	14,342	15
83-85	81,936	1,618	2	15,940	19	14,322	17
84-86	79,355	1,446	2	5,891	7	4,444	6
85-87	95,151	121	0	5,894	6	5,773	6
86-88	117,434	244	0	7,473	6	7,229	6
87-89	69,684	1,088-	2-	1,702	2	2,790	4
88-90	31,002	1,095-	4-	5,245	17	6,340	20
89-91	8,719	1,239-	14-	3,666	42	4,905	56
90-92	5,866		0	4,247	72	4,247	72
91-93				701		701	
92-94	777,331		0	8,130	1	8,130	1
93-95	928,483	506	0	72,988	8	72,482	8
94-96	959,180	646	0	83,380	9	82,734	9
95-97	190,479	646	0	78,553	41	77,907	41
96-98	7,177,016	140	0	12,994	0	12,854	0
97-99	7,202,397		0	2,602	0	2,602	0
98-00	7,544,528		0		0		0
99-01	406,839		0		0		0
00-02	1,025,421		0	313	0	313	0
01-03	1,322,435	1,261	0	313	0	948-	0
02-04	1,938,640	1,261	0	313	0	948-	0
03-05	1,354,174	1,261	0	5,415	0	4,154	0
04-06	1,345,183		0	5,415	0	5,415	0
05-07	1,086,914	69,892	6	5,415	0	64,477-	6-
06-08	2,717,862	99,726	4		0	99,726-	4-
07-09	2,452,671	101,446	4	9,017-	0	110,463-	5-
08-10	3,055,314	71,587	2	9,017-	0	80,604-	3-
09-11	2,652,617	42,518	2	9,017-	0	51,534-	2-
10-12	4,062,988	49,181	1	1	0	49,181-	1-
11-13	4,262,345	31,417	1		0	31,417-	1-
12-14	3,054,083	51,548	2		0	51,548-	2-
13-15	1,628,080	46,669	3		0	46,669-	3-
14-16	1,166,779	25,860	2		0	25,860-	2-
15-17	1,256,892	106,337	8		0	106,337-	8-
16-18	1,532,354	150,998	10		0	150,998-	10-

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
17-19	1,076,742	280,545	26	34,711	3	245,834-	23-
18-20	1,070,161	1,227,461	115	44,676	4	1,182,786-	111-
FIVE-YEAR AVERAGE							
16-20	1,181,454	798,176	68	26,805	2	771,371-	65-

PART IX. DETAILED DEPRECIATION CALCULATIONS

DUKE ENERGY PROGRESS

ACCOUNT 320.00 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. 0						
1987	43,684,833.28	18,874,469	30,236,452	13,448,381	43.76	307,321
	43,684,833.28	18,874,469	30,236,452	13,448,381		307,321
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. 0						
1960	282,916.51	194,378	90,000	192,916	26.76	7,209
1987	33,003.23	17,630	8,163	24,840	29.08	854
	315,919.74	212,008	98,163	217,757		8,063
	44,000,753.02	19,086,477	30,334,615	13,666,138		315,384
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					43.3	0.72

DUKE ENERGY PROGRESS

ACCOUNT 320.10 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. 0						
1982	8,612.27	4,529	7,388	1,225	34.45	36
1983	1,111.84	577	941	171	34.54	5
	9,724.11	5,106	8,329	1,395		41
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. 0						
1975	51,363.07	29,910	50,150	1,213	32.24	38
	51,363.07	29,910	50,150	1,213		38
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. 0						
1960	701,249.08	481,793	223,076	478,173	26.76	17,869
1982	5,301.46	3,022	1,399	3,902	28.85	135
1984	794.22	442	205	590	28.95	20
1985	38.77	21	10	29	28.99	1
1986	6.54	4	2	5	29.04	
1987	0.02		0			
1989	0.09		0			
	707,390.18	485,282	224,692	482,699		18,025
	768,477.36	520,298	283,171	485,307		18,104

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.8 2.36

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
1977	55,032,325.01	33,018,322	44,391,459	13,392,482	27.85	480,879
1978	442,733.55	262,842	353,378	111,492	28.04	3,976
1979	3,981,785.80	2,338,154	3,143,529	1,037,346	28.23	36,746
1980	3,411,489.23	1,981,454	2,663,964	918,099	28.41	32,316
1981	8,384,428.62	4,814,188	6,472,432	2,331,218	28.59	81,540
1982	264,020.86	149,730	201,304	75,918	28.78	2,638
1983	10,981,845.78	6,150,948	8,269,638	3,261,300	28.96	112,614
1984	1,509,964.06	834,730	1,122,252	463,210	29.14	15,896
1985	576,081.30	314,141	422,347	182,539	29.32	6,226
1986	5,137,989.10	2,762,129	3,713,542	1,681,346	29.50	56,995
1987	16,053,503.38	8,505,459	11,435,158	5,421,020	29.67	182,710
1988	6,698,262.52	3,493,449	4,696,765	2,336,411	29.85	78,272
1989	2,417,045.35	1,239,991	1,667,105	870,793	30.03	28,997
1990	4,647,236.45	2,344,110	3,151,537	1,728,061	30.20	57,221
1991	11,266,831.40	5,580,766	7,503,057	4,327,116	30.38	142,433
1992	19,104,461.93	9,287,634	12,486,753	7,572,932	30.55	247,886
1993	3,793,769.32	1,808,330	2,431,208	1,552,250	30.72	50,529
1994	15,370,689.64	7,174,208	9,645,359	6,493,865	30.89	210,225
1995	14,406,019.41	6,576,319	8,841,527	6,284,793	31.06	202,344
1996	16,219,895.47	7,232,168	9,723,283	7,307,607	31.23	233,993
1997	1,297,370.44	564,212	758,554	603,685	31.40	19,226
1999	1,986.83	818	1,100	986	31.73	31
2000	2,325,382.52	929,244	1,249,321	1,192,330	31.90	37,377
2001	378,397.53	146,419	196,853	200,464	32.06	6,253
2002	2,026,435.07	757,737	1,018,739	1,109,018	32.22	34,420
2003	642,491.27	231,440	311,159	363,456	32.38	11,225
2004	335,440.42	116,100	156,091	196,122	32.54	6,027
2005	4,866,747.78	1,613,152	2,168,801	2,941,284	32.69	89,975
2006	2,591,160.23	819,099	1,101,237	1,619,481	32.85	49,299
2007	3,373,805.51	1,012,693	1,361,514	2,180,981	33.00	66,090
2008	8,907,168.45	2,526,585	3,396,865	5,955,661	33.15	179,658
2009	786,400.42	209,345	281,454	544,267	33.30	16,344
2010	22,167,285.72	5,505,389	7,401,716	15,873,934	33.44	474,699
2011	7,039,926.14	1,614,913	2,171,169	5,220,754	33.59	155,426
2012	20,067,537.30	4,209,126	5,658,956	15,411,958	33.73	456,921
2013	4,522,237.31	856,317	1,151,275	3,597,074	33.86	106,234
2014	11,533,092.88	1,933,442	2,599,415	9,510,333	34.00	279,716
2015	6,073,620.04	880,897	1,184,321	5,192,980	34.13	152,153
2016	32,916,640.72	4,005,791	5,385,583	29,176,890	34.25	851,880
2017	70,051,657.42	6,780,230	9,115,675	64,438,565	34.37	1,874,849

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2018	18,083,577.88	1,278,446	1,718,806	17,268,951	34.49	500,694
2019	9,820,918.93	428,462	576,045	9,735,919	34.60	281,385
2020	1,533,544.13	22,865	30,741	1,579,481	34.70	45,518
	431,043,203.12	142,311,794	191,330,989	261,264,374		7,959,836
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
1975	103,060,761.30	64,057,159	93,300,971	14,912,828	26.56	561,477
1976	3,029,280.86	1,865,443	2,717,068	463,677	26.73	17,347
1977	1,304,731.98	795,678	1,158,926	211,042	26.90	7,845
1978	1,292,109.17	780,165	1,136,331	220,383	27.07	8,141
1979	10,919,085.50	6,524,296	9,502,812	1,962,228	27.24	72,035
1980	6,004,931.28	3,549,248	5,169,575	1,135,603	27.41	41,430
1981	1,838,322.28	1,074,351	1,564,821	365,417	27.58	13,249
1982	1,075,803.68	621,491	905,218	224,376	27.74	8,089
1983	22,449,034.33	12,811,338	18,660,058	4,911,428	27.91	175,974
1984	10,160,242.04	5,724,158	8,337,390	2,330,864	28.08	83,008
1985	5,351,960.80	2,975,950	4,334,551	1,285,008	28.24	45,503
1986	11,941,996.03	6,550,047	9,540,319	2,998,777	28.40	105,591
1987	1,136,750.72	614,328	894,785	298,803	28.57	10,459
1988	32,497,261.54	17,298,211	25,195,309	8,926,816	28.73	310,714
1989	1,622,589.07	850,241	1,238,399	465,320	28.89	16,107
1990	849,954.64	438,016	637,982	254,470	29.05	8,760
1991	236,102.92	119,561	174,144	73,764	29.21	2,525
1992	5,027,508.03	2,499,815	3,641,048	1,637,836	29.36	55,785
1993	520.25	254	370	176	29.52	6
1994	5,381,134.04	2,570,328	3,743,752	1,906,439	29.68	64,233
1995	8,182,641.18	3,825,315	5,571,674	3,020,099	29.83	101,244
1996	1,431,243.63	653,886	952,403	550,403	29.99	18,353
1998	2,791,897.73	1,213,315	1,767,226	1,164,267	30.29	38,437
1999	971,515.05	410,760	598,283	421,808	30.44	13,857
2000	395,425.06	162,292	236,383	178,814	30.59	5,846
2003	2,268,016.70	840,974	1,224,901	1,156,516	31.03	37,271
2005	1,770,849.71	604,581	880,588	978,804	31.32	31,252
2006	355,374.15	115,820	168,695	204,448	31.46	6,499
2007	3,090,120.36	957,749	1,394,987	1,849,639	31.59	58,551

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
2008	1,162,114.47	340,271	495,614	724,606	31.73	22,837
2009	7,088,071.05	1,951,119	2,841,857	4,600,617	31.86	144,401
2010	1,061,190.78	272,780	397,311	716,939	31.99	22,411
2011	872,232.04	207,347	302,006	613,837	32.12	19,111
2012	10,407,806.59	2,262,465	3,295,341	7,632,856	32.25	236,678
2013	3,168,383.64	622,412	906,560	2,420,243	32.37	74,768
2014	7,240,166.62	1,260,821	1,836,420	5,765,755	32.49	177,462
2015	68,226,445.40	10,290,049	14,987,733	56,650,035	32.61	1,737,198
2016	16,809,163.53	2,125,544	3,095,912	14,553,710	32.72	444,796
2017	8,362,728.96	843,753	1,228,949	7,551,917	32.83	230,031
2018	1,661,014.13	123,061	179,242	1,564,823	32.93	47,520
2019	8,068,939.53	368,040	536,060	7,936,326	33.03	240,276
2020	3,087,216.33	48,202	70,208	3,171,370	33.12	95,754
	383,652,637.10	161,220,634	234,822,180	168,013,089		5,412,831
BRUNSWICK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2012	213,311.54	44,742	49,695	174,282	33.73	5,167
2013	3,036,102.16	574,907	638,549	2,549,359	33.86	75,291
2014	678,931.16	113,818	126,418	586,460	34.00	17,249
2015	15,514,626.04	2,250,187	2,499,280	13,791,077	34.13	404,075
2016	3,558,735.48	433,080	481,021	3,255,651	34.25	95,056
2017	3,413,322.58	330,372	366,944	3,217,045	34.37	93,600
2018	2,482,113.85	175,477	194,902	2,411,317	34.49	69,914
2019	18,060,375.87	787,929	875,152	18,088,243	34.60	522,782
2020	33,142,776.90	494,159	548,862	34,251,054	34.70	987,062
	80,100,295.58	5,204,671	5,780,822	78,324,488		2,270,196
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1985	108,285.59	54,785	77,478	38,388	34.73	1,105
1987	1,472,089,533.16	720,577,375	1,019,052,695	556,083,105	35.27	15,766,462

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1988	13,281,513.27	6,387,943	9,033,937	5,177,282	35.54	145,675
1989	11,553,414.73	5,454,800	7,714,270	4,647,883	35.81	129,793
1990	6,766,833.36	3,133,187	4,431,006	2,809,506	36.09	77,847
1991	7,793,459.05	3,537,404	5,002,656	3,336,345	36.35	91,784
1992	7,224,935.93	3,209,779	4,539,324	3,191,358	36.62	87,148
1993	1,456,774.27	632,930	895,100	663,648	36.89	17,990
1994	3,903,126.62	1,656,172	2,342,186	1,834,159	37.16	49,358
1995	5,243,762.32	2,171,726	3,071,292	2,539,534	37.42	67,866
1996	3,229,361.37	1,302,761	1,842,387	1,613,030	37.69	42,797
1997	4,264,452.23	1,673,513	2,366,710	2,196,254	37.95	57,872
1998	2,615,250.51	997,041	1,410,032	1,388,286	38.21	36,333
1999	2,985,612.66	1,102,906	1,559,748	1,634,857	38.48	42,486
2000	9,316,928.29	3,329,883	4,709,177	5,259,936	38.74	135,775
2001	1,316,022.79	454,296	642,473	765,671	38.99	19,638
2002	4,219,409.83	1,402,648	1,983,648	2,531,120	39.25	64,487
2003	3,354,769.46	1,070,958	1,514,567	2,075,036	39.51	52,519
2004	489,604.26	149,651	211,639	312,238	39.76	7,853
2005	4,525,569.61	1,320,415	1,867,353	2,975,006	40.01	74,357
2006	4,582,270.74	1,270,424	1,796,655	3,106,375	40.26	77,158
2007	3,009,554.31	789,148	1,116,026	2,104,197	40.51	51,943
2008	5,609,715.58	1,384,753	1,958,341	4,044,055	40.75	99,241
2009	12,068,486.23	2,786,686	3,940,978	8,972,302	40.99	218,890
2010	20,550,142.55	4,405,427	6,230,229	15,758,423	41.23	382,208
2011	24,797,510.68	4,885,849	6,909,650	19,623,686	41.47	473,202
2012	28,501,101.10	5,112,989	7,230,875	23,265,303	41.70	557,921
2013	7,618,745.62	1,227,129	1,735,427	6,416,631	41.93	153,032
2014	9,026,936.35	1,281,919	1,812,912	7,845,910	42.15	186,143
2015	40,727,527.88	4,982,761	7,046,705	36,531,750	42.37	862,208
2016	32,295,179.24	3,289,716	4,652,372	29,903,470	42.58	702,289
2017	31,432,358.44	2,536,236	3,586,788	30,045,836	42.79	702,170
2018	10,361,507.63	607,003	858,434	10,228,379	42.99	237,925
2019	42,802,738.03	1,537,470	2,174,316	43,624,614	43.18	1,010,297
2020	8,483,876.25	103,486	146,352	8,931,396	43.37	205,935
	1,847,606,269.94	795,821,169	1,125,463,739	851,474,969		22,889,707

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
1960	4,506,820.61	3,204,519	4,687,093			
1963	1,428.66	999	1,486			
1965	63.00	44	66			
1966	507.00	348	527			
1967	1,607.00	1,096	1,671			
1968	435.00	295	452			
1969	185.00	125	192			
1971	17,024,272.00	11,299,663	17,545,614	159,629	23.48	6,799
1972	257,573.62	169,689	263,486	4,391	23.62	186
1973	19,859.00	12,987	20,166	488	23.75	21
1974	73,535.25	47,705	74,074	2,402	23.89	101
1975	703,571.03	452,616	702,802	28,912	24.03	1,203
1976	15,894.50	10,140	15,745	785	24.16	32
1977	26,143.20	16,529	25,665	1,523	24.30	63
1978	1,010,298.95	632,990	982,879	67,832	24.43	2,777
1979	1,433,420.71	889,654	1,381,415	109,342	24.56	4,452
1980	3,034,224.27	1,864,798	2,895,575	260,018	24.69	10,531
1981	738,571.43	449,124	697,380	70,735	24.83	2,849
1982	223,174.43	134,259	208,471	23,630	24.96	947
1983	394,255.14	234,600	364,276	45,749	25.08	1,824
1984	12,657,202.12	7,443,822	11,558,436	1,605,054	25.21	63,667
1985	2,574,160.74	1,495,470	2,322,099	355,028	25.34	14,011
1986	14,611,067.70	8,380,476	13,012,831	2,182,680	25.47	85,696
1987	6,924,649.94	3,919,562	6,086,122	1,115,514	25.59	43,592
1988	575,643.55	321,234	498,798	99,871	25.72	3,883
1989	30,555,260.43	16,804,244	26,092,883	5,684,588	25.84	219,992
1990	2,066,871.00	1,119,011	1,737,551	411,995	25.97	15,864
1991	16,689,198.33	8,891,004	13,805,556	3,551,211	26.09	136,114
1992	11,822,961.50	6,192,205	9,614,981	2,680,899	26.21	102,285
1993	7,195,827.36	3,700,895	5,746,585	1,737,075	26.33	65,973
1994	8,595,192.76	4,337,292	6,734,754	2,204,246	26.45	83,336
1995	5,607,180.28	2,772,396	4,304,853	1,526,614	26.57	57,456
1996	8,601,181.81	4,162,573	6,463,458	2,481,771	26.69	92,985
1997	1,641,768.69	776,458	1,205,649	501,790	26.81	18,717
1998	285,522.25	131,819	204,683	92,260	26.92	3,427
1999	5,769,158.75	2,595,148	4,029,630	1,970,295	27.04	72,866
2000	1,512,803.72	661,957	1,027,857	545,458	27.15	20,091
2001	1,202,310.82	510,415	792,550	457,854	27.27	16,790
2002	602,714.94	247,796	384,767	242,057	27.38	8,841
2003	421,716.43	167,526	260,127	178,458	27.49	6,492
2004	5,154,807.44	1,971,990	3,062,018	2,298,981	27.60	83,296

DUKE ENERGY PROGRESS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-S1						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
2005	4,848,682.05	1,782,116	2,767,190	2,275,439	27.70	82,146
2006	693,462.42	243,773	378,520	342,681	27.81	12,322
2007	1,521,786.46	509,742	791,505	791,153	27.91	28,347
2008	3,802,984.81	1,206,544	1,873,468	2,081,636	28.02	74,291
2009	2,834,792.97	847,249	1,315,571	1,632,614	28.12	58,059
2010	21,662,804.63	6,054,078	9,400,503	13,128,814	28.22	465,231
2011	21,829,064.42	5,663,525	8,794,070	13,908,157	28.31	491,281
2012	11,752,474.21	2,796,891	4,342,888	7,879,685	28.41	277,356
2013	15,670,869.94	3,377,373	5,244,235	11,053,470	28.50	387,841
2014	12,393,164.33	2,375,551	3,688,650	9,200,241	28.59	321,799
2015	29,433,549.25	4,912,130	7,627,337	22,983,554	28.67	801,659
2016	29,518,175.12	4,146,808	6,438,979	24,259,923	28.75	843,823
2017	27,125,525.05	3,054,074	4,742,230	23,468,316	28.83	814,024
2018	3,850,922.35	317,593	493,144	3,511,815	28.91	121,474
2019	24,362,827.23	1,246,851	1,936,055	23,401,286	28.98	807,498
2020	1,903,835.40	33,521	52,050	1,927,939	29.04	66,389
	387,737,961.00	134,593,292	208,701,620	194,545,860		6,900,699
	3,130,140,366.74	1,239,151,560	1,766,099,351	1,553,622,780		45,433,269
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					34.2	1.45

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
1977	92,681,548.72	64,201,065	80,094,066	17,221,561	16.97	1,014,824
1978	462,504.84	315,276	393,323	92,307	17.48	5,281
1979	3,749,545.39	2,514,222	3,136,619	800,404	17.99	44,492
1980	2,958,770.09	1,950,764	2,433,676	673,032	18.50	36,380
1981	3,999,411.24	2,591,858	3,233,474	965,908	19.01	50,811
1982	78,720.67	50,114	62,520	20,137	19.52	1,032
1983	25,888,368.61	16,181,098	20,186,736	6,996,051	20.03	349,279
1984	12,677,871.42	7,775,801	9,700,704	3,611,061	20.54	175,806
1985	37,551,249.34	22,594,681	28,188,004	11,240,808	21.04	534,259
1986	674,764.91	398,065	496,606	211,897	21.54	9,837
1987	2,208,271.58	1,275,972	1,591,839	726,846	22.04	32,978
1988	8,782,557.01	4,969,474	6,199,669	3,022,015	22.53	134,133
1989	11,531,449.95	6,382,381	7,962,342	4,145,680	23.02	180,090
1990	799,498.01	432,631	539,729	299,744	23.50	12,755
1991	15,252,718.09	8,064,051	10,060,310	5,955,044	23.97	248,437
1992	4,488,424.25	2,317,212	2,890,839	1,822,007	24.43	74,581
1993	117,999.31	59,423	74,133	49,766	24.88	2,000
1994	38,200,856.28	18,739,411	23,378,360	16,732,539	25.33	660,582
1995	13,598,602.67	6,494,020	8,101,617	6,176,915	25.76	239,787
1996	508,247.98	236,022	294,449	239,211	26.18	9,137
1997	9,037,389.67	4,075,827	5,084,800	4,404,459	26.59	165,643
1998	2,058,952.90	900,561	1,123,495	1,038,405	26.99	38,474
1999	1,091,359.21	462,221	576,644	569,283	27.38	20,792
2000	4,910,126.24	2,009,459	2,506,901	2,648,731	27.76	95,415
2001	1,028,340.12	406,075	506,599	573,158	28.12	20,383
2002	14,535,357.98	5,526,263	6,894,292	8,367,834	28.47	293,918
2003	4,287,982.15	1,565,703	1,953,293	2,549,088	28.81	88,479
2004	14,980,892.51	5,238,541	6,535,344	9,194,593	29.14	315,532
2005	25,070,104.16	8,374,330	10,447,399	15,876,210	29.45	539,090
2006	4,783,800.66	1,518,902	1,894,907	3,128,084	29.76	105,110
2007	589,269.68	177,304	221,196	397,537	30.05	13,229
2008	10,814,866.76	3,066,469	3,825,575	7,530,035	30.33	248,270
2009	4,269,587.28	1,134,709	1,415,607	3,067,460	30.60	100,244
2010	34,806,721.41	8,602,446	10,731,985	25,815,072	30.86	836,522
2011	844,701.03	192,607	240,287	646,649	31.11	20,786
2012	1,223,539.09	254,978	318,098	966,618	31.34	30,843
2013	4,229,519.17	793,695	990,175	3,450,821	31.57	109,307
2014	25,819,400.51	4,286,150	5,347,188	21,763,182	31.79	684,592
2015	16,784,402.10	2,410,383	3,007,074	14,616,548	32.00	456,767
2016	37,699,354.72	4,528,842	5,649,959	33,934,364	32.20	1,053,862
2017	13,092,165.19	1,253,568	1,563,889	12,182,884	32.39	376,131

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2018	45,748,975.86	3,206,912	4,000,784	44,035,640	32.57	1,352,031
2019	39,102,426.70	1,683,770	2,100,588	38,956,960	32.74	1,189,889
2020	49,432,705.38	730,813	911,726	50,992,615	32.91	1,549,457
	642,453,320.84	229,944,069	286,866,820	387,709,167		13,521,247
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
1975	79,841,452.53	57,127,517	78,423,207	5,410,318	15.89	340,486
1976	2,899,035.27	2,043,581	2,805,376	238,611	16.38	14,567
1977	1,572,475.73	1,092,004	1,499,075	152,024	16.86	9,017
1978	119,313.04	81,580	111,991	13,288	17.35	766
1979	6,001,455.05	4,038,208	5,543,550	757,978	17.84	42,488
1980	262,320.31	173,646	238,377	37,060	18.33	2,022
1981	387,406.43	252,263	346,300	60,477	18.81	3,215
1982	1,313,623.95	840,645	1,154,016	225,289	19.30	11,673
1983	7,141,394.88	4,489,031	6,162,428	1,336,037	19.79	67,511
1984	54,325,749.18	33,536,154	46,037,582	11,004,455	20.27	542,894
1985	12,235,548.40	7,412,393	10,175,545	2,671,781	20.75	128,761
1986	5,578,380.14	3,315,524	4,551,467	1,305,832	21.22	61,538
1987	291,623.79	169,910	233,248	72,957	21.69	3,364
1988	16,083,290.83	9,181,372	12,603,955	4,283,501	22.15	193,386
1989	8,717,799.28	4,874,156	6,691,118	2,462,571	22.60	108,963
1990	13,972,447.27	7,642,013	10,490,762	4,180,308	23.05	181,358
1991	17,826.54	9,537	13,092	5,626	23.48	240
1992	5,213,398.28	2,724,936	3,740,723	1,733,345	23.91	72,495
1993	168,621.99	86,039	118,112	58,941	24.33	2,423
1994	25,060,824.96	12,468,562	17,116,526	9,197,340	24.74	371,760
1995	1,034,969.08	501,933	689,041	397,677	25.13	15,825
1996	14,540,548.37	6,861,401	9,419,157	5,848,418	25.52	229,170
1997	18,224,559.97	8,361,000	11,477,769	7,658,019	25.89	295,791
1998	1,416,783.11	630,752	865,880	621,742	26.26	23,676
1999	242,912.80	104,834	143,913	111,145	26.61	4,177
2000	212,197.80	88,626	121,664	101,144	26.95	3,753
2001	1,316,654.79	530,958	728,886	653,602	27.28	23,959
2002	1,397,672.37	543,348	745,894	721,662	27.59	26,157
2003	12,516,989.88	4,676,354	6,419,580	6,723,259	27.90	240,977

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
2004	634,380.38	227,380	312,141	353,958	28.19	12,556
2005	9,966,508.80	3,413,106	4,685,425	5,779,409	28.47	203,000
2006	2,687,310.84	875,820	1,202,303	1,619,373	28.75	56,326
2007	3,564,160.73	1,101,491	1,512,099	2,230,270	29.01	76,879
2008	1,791,256.53	522,322	717,030	1,163,789	29.26	39,774
2009	10,025,953.00	2,746,560	3,770,408	6,756,843	29.49	229,123
2010	16,713,759.31	4,264,516	5,854,219	11,695,228	29.72	393,514
2011	32,445,986.53	7,643,220	10,492,419	23,575,867	29.94	787,437
2012	7,627,857.17	1,642,777	2,255,163	5,754,087	30.15	190,849
2013	44,243,486.56	8,595,226	11,799,308	34,656,353	30.35	1,141,890
2014	4,783,826.25	823,423	1,130,374	3,892,643	30.55	127,419
2015	47,614,033.83	7,104,252	9,752,537	40,242,199	30.73	1,309,541
2016	4,094,408.69	511,037	701,539	3,597,590	30.91	116,389
2017	24,889,599.61	2,481,692	3,406,804	22,727,276	31.07	731,486
2018	22,798,434.52	1,668,743	2,290,808	21,647,548	31.23	693,165
2019	70,502,094.14	3,160,961	4,339,287	69,687,912	31.39	2,220,067
2020	797,166.05	12,296	16,880	820,145	31.53	26,012
	597,287,498.96	220,653,099	302,906,979	324,244,895		11,377,839
BRUNSWICK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2012	2,624,990.25	547,031	167,881	2,588,359	31.34	82,590
2015	110,859.48	15,920	4,886	111,517	32.00	3,485
2016	288,087.39	34,608	10,621	291,871	32.20	9,064
2017	305,293.60	29,232	8,971	311,587	32.39	9,620
2018	408,941.12	28,666	8,797	420,591	32.57	12,913
2019	846,436.70	36,448	11,186	877,573	32.74	26,804
2020	912,738.05	13,494	4,141	954,234	32.91	28,995
	5,497,346.59	705,399	216,483	5,555,731		173,471

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1987	575,209,157.82	330,386,335	272,147,925	343,325,874	23.10	14,862,592
1988	11,369,331.99	6,374,314	5,250,690	6,914,495	23.72	291,505
1989	1,756,703.43	960,607	791,277	1,088,395	24.34	44,716
1990	2,060,122.84	1,097,515	904,052	1,300,279	24.97	52,074
1991	2,778,497.67	1,441,009	1,186,997	1,785,995	25.59	69,793
1992	3,768,566.11	1,901,139	1,566,018	2,466,347	26.21	94,099
1993	554,646.36	271,798	223,887	369,584	26.83	13,775
1994	1,069,705.68	508,573	418,925	725,660	27.45	26,436
1995	4,116,792.31	1,897,308	1,562,863	2,842,105	28.06	101,287
1997	12,137,905.14	5,234,246	4,311,586	8,675,972	29.27	296,412
1998	385,309.77	160,373	132,103	280,178	29.86	9,383
1999	1,471,093.57	589,867	485,889	1,088,181	30.45	35,737
2000	4,021,461.14	1,550,530	1,277,212	3,025,751	31.03	97,511
2001	149,384,396.85	55,298,698	45,550,994	114,290,311	31.59	3,617,927
2002	1,514,419.75	536,881	442,243	1,178,186	32.15	36,647
2003	2,506,281.38	848,309	698,774	1,982,947	32.70	60,641
2004	2,718,541.19	876,433	721,941	2,186,898	33.23	65,811
2005	8,951,788.48	2,739,043	2,256,222	7,322,192	33.76	216,890
2006	567,817.02	164,279	135,321	472,243	34.27	13,780
2007	16,765,796.73	4,569,525	3,764,038	14,175,364	34.76	407,807
2008	487,854.59	124,498	102,552	419,452	35.25	11,899
2009	11,257,782.07	2,675,740	2,204,078	9,841,749	35.72	275,525
2010	7,087,062.34	1,558,945	1,284,144	6,299,013	36.17	174,150
2011	595,829.19	120,131	98,955	538,582	36.61	14,711
2012	38,226,515.42	6,986,534	5,754,992	35,147,379	37.04	948,903
2013	3,479,016.63	569,215	468,877	3,253,670	37.45	86,880
2014	1,132,926.72	162,997	134,265	1,077,967	37.85	28,480
2015	34,086,169.67	4,218,375	3,474,787	32,997,415	38.23	863,129
2016	21,807,445.15	2,240,061	1,845,197	21,488,769	38.61	556,560
2017	3,681,223.95	298,963	246,264	3,692,646	38.96	94,780
2018	14,275,173.39	844,524	695,657	14,578,779	39.30	370,961
2019	137,340,286.92	4,980,275	4,102,384	142,851,723	39.63	3,604,636
2020	1,700,322.41	20,704	17,054	1,802,291	39.95	45,114
	1,078,265,943.68	442,207,744	364,258,164	789,486,396		27,490,551

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
1960	4,496.98	3,791	4,677			
1970	1,778.68	1,353	1,850			
1971	7,579,717.33	5,697,922	7,882,906			
1972	510,277.29	379,002	530,688			
1974	333,475.65	241,466	346,815			
1975	639,676.09	457,175	665,263			
1976	77,071.87	54,347	80,155			
1977	3,305,454.16	2,298,978	3,437,672			
1978	2,806,685.52	1,924,699	2,918,953			
1979	445,877.57	301,423	462,283	1,430	17.24	83
1980	1,949,299.92	1,298,143	1,990,921	36,351	17.67	2,057
1981	298,188.31	195,602	299,989	10,127	18.09	560
1982	1,339,877.91	865,249	1,327,005	66,468	18.51	3,591
1983	115,992.25	73,718	113,059	7,573	18.92	400
1984	108,989,514.05	68,159,078	104,533,428	8,815,667	19.32	456,297
1985	6,483,869.95	3,987,269	6,115,149	628,076	19.72	31,850
1986	2,201,084.14	1,330,487	2,040,526	248,602	20.11	12,362
1987	4,311,463.55	2,560,633	3,927,162	556,760	20.49	27,172
1988	1,364,289.94	795,329	1,219,771	199,091	20.87	9,540
1989	11,627,795.03	6,651,099	10,200,581	1,892,326	21.24	89,093
1990	2,902,456.84	1,628,692	2,497,874	520,682	21.59	24,117
1991	10,432,253.21	5,737,022	8,798,690	2,050,854	21.94	93,476
1992	9,227,568.68	4,968,677	7,620,303	1,976,368	22.28	88,706
1993	4,466,043.44	2,353,787	3,609,929	1,034,756	22.60	45,786
1994	11,290,766.59	5,816,949	8,921,271	2,821,126	22.92	123,086
1995	3,602,980.19	1,813,596	2,781,455	965,644	23.22	41,587
1996	2,074,142.89	1,018,522	1,562,075	595,034	23.52	25,299
1997	377,629.11	180,736	277,189	115,545	23.80	4,855
1998	137,404.80	63,995	98,147	44,754	24.08	1,859
1999	1,983,379.34	897,838	1,376,986	685,729	24.34	28,173
2000	33,102.86	14,541	22,301	12,126	24.59	493
2001	2,289,110.25	973,339	1,492,779	887,895	24.84	35,745
2002	1,825,801.89	750,362	1,150,807	748,027	25.07	29,838
2003	2,553,321.15	1,011,622	1,551,493	1,103,961	25.30	43,635
2004	3,244,088.10	1,236,078	1,895,734	1,478,118	25.51	57,943
2005	40,776,248.88	14,884,962	22,828,597	19,578,702	25.72	761,225
2006	1,119,678.60	390,643	599,117	565,349	25.91	21,820
2007	11,892,487.78	3,946,318	6,052,343	6,315,844	26.10	241,986
2008	2,061,499.92	647,454	992,980	1,150,980	26.28	43,797
2009	3,549,124.43	1,048,897	1,608,660	2,082,429	26.45	78,731
2010	17,851,039.53	4,928,101	7,558,073	11,007,008	26.62	413,486

DUKE ENERGY PROGRESS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
2011	4,543,517.33	1,163,028	1,783,699	2,941,559	26.77	109,883
2012	10,099,908.21	2,371,467	3,637,044	6,866,860	26.92	255,084
2013	52,236,332.92	11,098,215	17,020,982	37,304,804	27.07	1,378,087
2014	4,233,966.25	801,185	1,228,752	3,174,573	27.20	116,712
2015	36,085,648.43	5,931,095	9,096,333	28,432,741	27.33	1,040,349
2016	18,094,766.81	2,501,551	3,836,550	14,982,008	27.46	545,594
2017	17,917,148.40	1,980,590	3,037,568	15,596,266	27.58	565,492
2018	15,220,158.87	1,238,300	1,899,142	13,929,824	27.69	503,063
2019	6,330,933.36	317,818	487,427	6,096,743	27.80	219,307
2020	9,403,029.94	162,041	248,517	9,530,634	27.90	341,600
	462,241,425.19	179,154,184	273,671,669	207,059,413		7,913,819
	2,785,745,535.26	1,072,664,495	1,227,920,115	1,714,055,602		60,476,927
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					28.3	2.17

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 39-S0						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
1977	20,926,216.03	14,349,818	19,859,623	2,112,904	13.53	156,164
1978	31,030.32	20,919	28,951	3,631	13.96	260
1979	2,175,760.04	1,441,024	1,994,325	290,224	14.40	20,154
1980	725,640.22	472,003	653,235	108,687	14.84	7,324
1981	3,477,630.74	2,221,434	3,074,383	577,129	15.27	37,795
1983	16,609,135.25	10,221,170	14,145,725	3,293,867	16.13	204,208
1985	26,824.87	15,896	21,999	6,167	16.96	364
1986	4,406,045.98	2,560,036	3,542,996	1,083,352	17.37	62,369
1989	51,528.26	28,184	39,006	15,099	18.56	814
1990	15,910.57	8,519	11,790	4,916	18.95	259
1992	3,112,208.50	1,595,284	2,207,815	1,060,004	19.70	53,807
1993	1,388,332.64	695,653	962,758	494,991	20.07	24,663
1994	29,655.24	14,515	20,088	11,050	20.43	541
1995	26,601,483.16	12,706,065	17,584,729	10,346,828	20.79	497,683
1996	2,058,802.91	959,122	1,327,390	834,353	21.14	39,468
1997	1,769,752.87	802,909	1,111,197	747,044	21.49	34,762
2000	1,497,236.53	623,101	862,349	709,749	22.51	31,530
2002	21,372,494.54	8,327,002	11,524,266	10,916,853	23.17	471,163
2004	15,279,372.95	5,520,033	7,639,524	8,403,818	23.83	352,657
2005	15,020,660.35	5,206,236	7,205,240	8,566,453	24.15	354,719
2006	1,672,554.69	553,970	766,674	989,508	24.48	40,421
2007	5,531,085.41	1,743,628	2,413,117	3,394,522	24.80	136,876
2009	704,380.11	198,250	274,371	465,228	25.45	18,280
2010	3,092,170.42	815,234	1,128,254	2,118,525	25.77	82,209
2011	493,370.20	120,599	166,905	351,134	26.10	13,453
2012	884,642.91	198,863	275,219	653,656	26.43	24,732
2013	3,864,234.91	788,037	1,090,614	2,966,832	26.76	110,868
2014	32,428,579.46	5,900,185	8,165,640	25,884,368	27.10	955,143
2015	2,265,488.57	359,050	496,912	1,881,851	27.45	68,556
2016	9,171,709.98	1,227,189	1,698,385	7,931,911	27.80	285,321
2017	3,258,117.21	350,073	484,488	2,936,535	28.16	104,280
2018	86,648,553.98	6,896,358	9,544,307	81,436,674	28.53	2,854,423
2019	2,871,052.30	142,078	196,631	2,817,974	28.91	97,474
2020	2,962,946.18	51,146	70,784	3,040,309	29.31	103,729
	292,424,608.30	87,133,583	120,589,692	186,456,147		7,246,469

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 39-S0						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
1975	19,416,749.15	13,764,271	18,953,685	1,433,902	12.67	113,173
1977	24,086.39	16,517	22,744	2,546	13.53	188
1978	1,442,662.76	972,575	1,339,256	175,540	13.96	12,574
1979	24,409.93	16,174	22,272	3,358	14.39	233
1980	233,019.25	151,735	208,942	35,728	14.81	2,412
1981	2,382,817.52	1,524,418	2,099,155	402,803	15.23	26,448
1983	883,933.56	545,481	751,139	176,992	16.05	11,028
1984	14,504,221.07	8,789,210	12,102,923	3,126,509	16.45	190,061
1985	25,885.53	15,394	21,198	5,982	16.85	355
1986	68,686.86	40,084	55,196	16,925	17.24	982
1987	171,788.78	98,358	135,441	44,937	17.62	2,550
1988	3,404,183.09	1,912,371	2,633,374	941,018	17.99	52,308
1989	3.00	2	3			
1990	1.26	1	1			
1991	0.52			1	19.07	
1994	10,634,663.34	5,266,184	7,251,644	3,914,753	20.10	194,764
1995	1,970,326.27	953,054	1,312,375	756,468	20.43	37,027
1996	11,358,469.65	5,362,464	7,384,223	4,542,170	20.76	218,794
1997	161,861.50	74,494	102,580	67,375	21.08	3,196
2000	6,539,670.98	2,767,124	3,810,387	3,056,268	22.03	138,732
2001	10,858,416.86	4,453,591	6,132,687	5,268,651	22.34	235,839
2003	12,676,015.02	4,853,025	6,682,715	6,627,100	22.95	288,763
2005	2,211,480.90	782,509	1,077,531	1,244,524	23.55	52,846
2006	2,123,934.47	719,084	990,193	1,239,938	23.85	51,989
2008	3,664,011.76	1,120,693	1,543,217	2,303,995	24.45	94,233
2009	761,672.70	219,629	302,434	497,323	24.75	20,094
2010	1,316,946.09	355,848	490,010	892,783	25.05	35,640
2011	5,131,674.68	1,288,871	1,774,802	3,613,456	25.35	142,543
2012	130,878.13	30,208	41,597	95,825	25.66	3,734
2013	7,757,198.29	1,624,532	2,237,014	5,908,044	25.97	227,495
2014	140,077.30	26,216	36,100	110,981	26.28	4,223
2015	29,013,100.27	4,730,717	6,514,295	23,949,460	26.60	900,356
2016	9,177,214.30	1,265,506	1,742,628	7,893,447	26.92	293,219
2017	10,418,418.65	1,159,242	1,596,300	9,343,039	27.25	342,864
2018	169,926.51	13,946	19,204	159,219	27.60	5,769
2019	71,826,452.61	3,695,471	5,088,740	70,329,035	27.95	2,516,245
2020	8,148,017.94	145,442	200,277	8,355,142	28.33	294,922
	248,772,876.89	68,754,441	94,676,282	166,535,238		6,515,599

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 39-S0						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2017	190,933.96	20,515	2,960	197,521	28.16	7,014
	190,933.96	20,515	2,960	197,521		7,014
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 39-S0						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1987	118,191,817.04	67,999,097	65,111,320	61,353,925	18.03	3,402,880
1988	1,175,393.79	661,082	633,007	624,664	18.50	33,766
1989	3,276,837.23	1,799,846	1,723,410	1,782,805	18.98	93,931
1990	654,625.22	350,946	336,042	364,407	19.46	18,726
1991	1,050,454.94	549,169	525,847	598,140	19.94	29,997
1992	947,667.82	482,950	462,440	551,564	20.42	27,011
1993	50,235.81	24,924	23,866	29,887	20.90	1,430
2000	325,826.76	130,274	124,742	223,893	24.22	9,244
2001	12,103,707.08	4,664,938	4,466,828	8,484,139	24.69	343,627
2002	97,260.44	36,086	34,554	69,515	25.15	2,764
2003	85,709.22	30,522	29,226	62,483	25.62	2,439
2004	85,687.30	29,220	27,979	63,706	26.08	2,443
2006	302,898.39	93,879	89,892	234,209	27.00	8,674
2007	187,580.97	55,081	52,742	147,970	27.47	5,387
2008	1,095,977.09	303,669	290,773	881,923	27.93	31,576
2009	4,841,584.36	1,257,151	1,203,762	3,976,733	28.40	140,026
2010	78,641,193.96	19,017,855	18,210,207	65,935,871	28.87	2,283,889
2012	51,235,220.74	10,485,196	10,039,912	44,781,774	29.81	1,502,240
2013	5,223,092.49	964,779	923,807	4,664,902	30.29	154,008
2014	6,985,119.13	1,145,253	1,096,617	6,377,461	30.78	207,195
2015	1,500,032.09	213,582	204,512	1,400,523	31.27	44,788
2016	48,147,651.94	5,759,196	5,514,615	46,003,372	31.78	1,447,557
2017	435,690.71	41,794	40,019	426,170	32.29	13,198
2018	164,335,739.06	11,559,672	11,068,757	164,770,484	32.83	5,018,900
2019	9,146,972.02	402,159	385,080	9,402,180	33.37	281,755
2020	1,480,440.43	22,541	21,584	1,562,488	33.95	46,023
	511,604,416.03	128,080,861	122,641,538	424,775,187		15,153,474

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 39-S0						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
1960	146,163.00	126,362	87,878	64,131	6.58	9,746
1971	6,696,426.85	5,001,818	3,478,516	3,485,768	10.99	317,176
1972	205,441.32	151,151	105,118	108,541	11.41	9,513
1974	41,054.08	29,296	20,374	22,322	12.24	1,824
1975	6,409.47	4,503	3,132	3,534	12.65	279
1976	213.22	147	102	120	13.06	9
1979	10,748.95	7,092	4,932	6,247	14.23	439
1980	11,993.37	7,790	5,418	7,056	14.60	483
1981	5,841.60	3,735	2,598	3,478	14.96	232
1982	7,728,990.50	4,863,483	3,382,311	4,655,839	15.32	303,906
1983	146,458.14	90,729	63,098	89,219	15.66	5,697
1984	4,186,055.24	2,551,759	1,774,622	2,578,876	16.00	161,180
1985	292,615.04	175,474	122,033	182,286	16.33	11,163
1986	1,447,331.65	853,538	593,593	911,632	16.66	54,720
1987	15,319,793.22	8,886,081	6,179,828	9,752,757	16.97	574,706
1988	243,211.86	138,672	96,439	156,501	17.28	9,057
1989	1,923,114.66	1,077,661	749,460	1,250,580	17.58	71,137
1990	28.56	16	11	19	17.88	1
1991	5,534.38	2,990	2,079	3,676	18.17	202
1992	21.70	12	8	14	18.45	1
1997	949,229.19	452,413	314,631	672,568	19.80	33,968
1999	609,836.13	276,416	192,234	441,996	20.31	21,762
2001	500,925.38	214,626	149,262	371,701	20.81	17,862
2002	908,142.61	377,410	262,470	681,998	21.05	32,399
2003	204,917.54	82,396	57,302	155,812	21.29	7,319
2004	518,509.87	201,000	139,786	399,465	21.54	18,545
2005	63,746.54	23,778	16,536	49,760	21.78	2,285
2006	23,621.26	8,455	5,880	18,686	22.01	849
2007	517,837.91	176,973	123,076	415,475	22.25	18,673
2008	10,014,868.00	3,252,020	2,261,618	8,153,844	22.49	362,554
2009	335,245.44	102,920	71,576	277,080	22.73	12,190
2010	11,274,283.39	3,250,475	2,260,544	9,464,711	22.97	412,047
2011	1,144,373.20	307,332	213,734	976,414	23.21	42,069
2012	64,169,849.39	15,892,664	11,052,558	55,684,085	23.45	2,374,588
2013	3,120,756.91	703,611	489,326	2,756,261	23.70	116,298
2014	97,803.55	19,720	13,714	88,001	23.95	3,674
2015	4,709,547.30	831,717	578,418	4,319,511	24.20	178,492
2016	524,689.93	78,501	54,594	491,084	24.46	20,077
2017	99,394,469.23	12,006,454	8,349,892	95,020,356	24.73	3,842,311

DUKE ENERGY PROGRESS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 39-S0						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
2018	99,771,266.91	8,950,520	6,224,642	97,537,476	25.00	3,901,499
2019	7,841,018.11	439,291	305,505	7,849,154	25.29	310,366
2020	2,044,027.43	39,944	27,779	2,098,009	25.59	81,986
	347,156,412.03	71,660,945	49,836,627	311,206,042		13,343,284
	1,400,149,247.21	355,650,345	387,747,100	1,089,170,135		42,265,840
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					25.8	3.02

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
1975	11,603.74	8,627	10,975	1,209	14.87	81
1977	26,309,127.41	18,966,487	24,129,381	3,495,203	15.95	219,135
1978	175,818.76	124,730	158,683	25,927	16.50	1,571
1979	498,330.38	347,630	442,259	80,988	17.06	4,747
1980	764,006.91	523,745	666,314	135,893	17.63	7,708
1981	930,779.20	626,764	797,376	179,942	18.20	9,887
1982	11,948.82	7,897	10,047	2,500	18.78	133
1983	57,336.65	37,174	47,293	12,910	19.36	667
1984	162.25	103	131	39	19.94	2
1985	54.27	34	43	14	20.51	1
1986	441.12	269	342	121	21.09	6
1987	470,018.22	280,566	356,939	136,580	21.67	6,303
1988	6,795,922.54	3,966,817	5,046,630	2,089,089	22.24	93,934
1989	536,414.73	306,040	389,348	173,888	22.80	7,627
1990	48,930.03	27,262	34,683	16,694	23.36	715
1991	52.98	29	37	19	23.91	1
1992	485,438.01	257,281	327,316	182,394	24.45	7,460
1993	533,207.87	275,265	350,195	209,673	24.98	8,394
1994	9,826,949.35	4,938,646	6,283,002	4,035,295	25.49	158,309
1995	1,202,714.68	587,529	747,461	515,389	26.00	19,823
1996	449,886.81	213,512	271,632	200,749	26.48	7,581
1997	64,952.82	29,894	38,031	30,169	26.96	1,119
2000	374,689.55	156,008	198,475	194,949	28.29	6,891
2002	290,529.42	112,184	142,722	162,334	29.09	5,580
2004	991,123.91	351,282	446,905	593,775	29.83	19,905
2005	4,005,831.61	1,355,087	1,723,957	2,482,166	30.17	82,273
2006	164,309.47	52,825	67,205	105,320	30.50	3,453
2007	116,179.94	35,348	44,970	77,019	30.81	2,500
2008	2,526,722.31	724,179	921,309	1,731,750	31.11	55,665
2009	665,536.78	178,638	227,265	471,548	31.39	15,022
2010	1,418,634.32	354,010	450,376	1,039,190	31.66	32,823
2011	2,022,185.58	465,490	592,202	1,531,093	31.91	47,982
2012	9,618,020.61	2,020,289	2,570,235	7,528,687	32.15	234,174
2013	21,557,507.76	4,075,501	5,184,899	17,450,484	32.38	538,928
2014	35,141,620.53	5,881,653	7,482,706	29,415,995	32.59	902,608
2015	2,355,290.36	340,663	433,395	2,039,660	32.80	62,185
2016	23,535,715.79	2,849,599	3,625,292	21,087,209	32.99	639,200
2017	15,809,818.31	1,522,746	1,937,255	14,663,054	33.17	442,058

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2018	11,086,062.02	781,651	994,425	10,645,940	33.34	319,314
2019	9,815,080.30	424,703	540,312	9,765,522	33.50	291,508
2020	1,334,728.35	19,705	25,069	1,376,396	33.65	40,903
	192,003,684.47	53,227,862	67,717,093	133,886,775		4,298,176
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
1975	39,348,998.39	29,286,751	39,614,715	1,701,733	14.82	114,827
1976	109,319.10	80,172	108,445	6,340	15.34	413
1977	5,845.64	4,222	5,711	427	15.87	27
1979	518,172.26	362,254	490,003	54,078	16.96	3,189
1980	310,614.80	213,485	288,770	37,375	17.51	2,134
1981	7,651.63	5,168	6,990	1,044	18.06	58
1982	203,024.39	134,652	182,137	31,039	18.62	1,667
1983	52,978.44	34,495	46,660	8,968	19.17	468
1984	2,919,692.18	1,864,606	2,522,159	543,518	19.73	27,548
1985	106,516.95	66,705	90,228	21,614	20.28	1,066
1986	193,361.68	118,651	160,493	42,537	20.83	2,042
1987	8,561.31	5,143	6,957	2,033	21.38	95
1988	2,287,530.52	1,344,900	1,819,179	582,728	21.92	26,584
1989	258,982.19	148,923	201,441	70,491	22.45	3,140
1990	45,466.13	25,555	34,567	13,172	22.97	573
1991	795.39	436	590	245	23.49	10
1992	1,391,311.60	745,062	1,007,808	453,069	23.99	18,886
1993	25.64	13	18	9	24.48	
1994	22,224,395.31	11,306,106	15,293,201	8,042,414	24.95	322,341
1995	1,232,500.26	610,193	825,377	468,748	25.41	18,447
1996	615,282.00	296,096	400,514	245,532	25.86	9,495
1997	493,047.53	230,439	311,703	205,997	26.29	7,836
2000	1,483,603.71	629,267	851,178	706,606	27.49	25,704
2003	154,598.99	58,546	79,192	83,137	28.54	2,913
2005	1,040,266.75	360,584	487,744	604,536	29.16	20,732
2007	2,106,735.00	658,445	890,645	1,321,426	29.73	44,448
2009	2,230.30	617	835	1,507	30.23	50
2010	25,941.04	6,674	9,028	18,211	30.47	598
2011	1,787,782.28	424,935	574,788	1,302,383	30.69	42,437

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
2013	9,923,533.88	1,941,088	2,625,612	7,794,098	31.10	250,614
2014	35,277,687.56	6,119,268	8,277,226	28,764,346	31.28	919,576
2015	61,829,039.58	9,284,279	12,558,377	52,362,114	31.46	1,664,403
2016	54,949.85	6,905	9,340	48,357	31.63	1,529
2017	19,924,824.60	2,000,472	2,705,938	18,215,128	31.78	573,163
2018	584,739.17	43,089	58,284	555,692	31.93	17,403
2019	4,546,055.94	206,495	279,315	4,494,043	32.07	140,132
2020	3,611,924.58	56,850	76,898	3,715,623	32.20	115,392
	214,687,986.57	68,681,541	92,902,067	132,520,319		4,379,940
BRUNSWICK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2017	36,143.30	3,481	53,751-	91,701	33.17	2,765
2018	26,450.51	1,865	28,798-	56,571	33.34	1,697
2019	490,705.08	21,233	327,864-	843,104	33.50	25,167
2020	845,828.67	12,487	192,815-	1,080,935	33.65	32,123
	1,399,127.56	39,066	603,227-	2,072,311		61,752
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1987	516,024,804.32	308,401,450	374,049,171	178,097,369	22.47	7,926,007
1988	2,901,349.63	1,691,674	2,051,771	1,052,673	23.15	45,472
1989	863,591.44	490,658	595,102	328,941	23.84	13,798
1990	1,478,889.04	818,154	992,310	590,101	24.53	24,056
1991	895,313.61	481,828	584,392	373,593	25.22	14,813
1992	956,026.98	499,966	606,391	416,558	25.91	16,077
1993	264,467.48	134,223	162,794	120,186	26.61	4,517
1994	2,484,381.04	1,222,360	1,482,557	1,175,731	27.30	43,067
1995	2,249,907.40	1,071,751	1,299,889	1,107,512	27.99	39,568
1996	258,546.97	119,121	144,478	132,168	28.67	4,610
1997	1,988,588.89	884,501	1,072,780	1,055,010	29.35	35,946
1998	291,981.79	125,156	151,797	160,623	30.03	5,349

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1999	1,101,493.53	454,456	551,194	627,405	30.69	20,443
2001	2,546,081.33	967,238	1,173,129	1,551,178	31.99	48,489
2002	17,572.06	6,380	7,738	11,064	32.63	339
2003	689,842.26	238,889	289,740	448,391	33.25	13,485
2004	414,443.09	136,606	165,685	277,770	33.85	8,206
2005	1,374,609.55	429,101	520,441	950,391	34.45	27,588
2006	1,622,595.31	478,664	580,555	1,155,622	35.02	32,999
2007	1,614,080.06	447,673	542,967	1,184,099	35.58	33,280
2008	681,435.57	176,779	214,409	514,727	36.12	14,250
2009	1,143,777.35	276,013	334,766	889,075	36.64	24,265
2010	13,479,872.55	3,006,427	3,646,389	10,777,075	37.14	290,174
2011	870,374.35	177,850	215,708	715,593	37.62	19,022
2012	25,628,140.48	4,740,186	5,749,203	21,672,907	38.09	568,992
2013	25,694,581.03	4,247,425	5,151,551	22,341,651	38.53	579,851
2014	16,626,008.19	2,419,061	2,933,993	14,855,836	38.95	381,408
2015	44,703,729.25	5,572,543	6,758,740	41,074,251	39.36	1,043,553
2016	36,206,827.34	3,742,023	4,538,567	34,202,738	39.75	860,446
2017	44,087,471.47	3,605,950	4,373,529	42,800,066	40.11	1,067,067
2018	1,377,261.87	81,877	99,306	1,374,364	40.46	33,968
2019	3,692,609.67	133,823	162,309	3,788,783	40.79	92,885
2020	997,739.84	12,064	14,632	1,052,950	41.11	25,613
	755,228,394.74	347,291,870	421,217,981	386,876,401		13,359,603
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
1960	50,447.00	43,649	52,465			
1962	213.00	182	222			
1968	1,127.00	909	1,172			
1971	2,997,799.07	2,339,655	3,117,711			
1974	183,286.97	137,766	190,618			
1975	148,891.40	110,404	154,847			
1977	80,977.94	58,369	84,217			
1978	180,024.67	127,856	187,226			
1979	537,681.88	376,083	559,189			
1980	418,960.73	288,429	435,719			
1981	110,041.02	74,547	114,443			

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
1982	26,816.32	17,867	27,889			
1983	38,436.98	25,173	39,974			
1984	4,141,629.42	2,665,440	4,307,295			
1985	739,899.56	467,753	769,496			
1986	15,181,324.87	9,420,729	15,788,578			
1987	4,147,861.09	2,525,888	4,313,776			
1988	730,378.10	436,166	758,970	623	20.80	30
1989	4,397,614.16	2,573,473	4,478,088	95,431	21.24	4,493
1990	13,426.89	7,698	13,395	569	21.66	26
1991	7,703,990.09	4,324,398	7,524,864	487,285	22.07	22,079
1992	3,129,200.04	1,718,469	2,990,300	264,068	22.46	11,757
1993	253,667.04	136,210	237,018	26,795	22.84	1,173
1994	2,507,903.87	1,314,986	2,288,201	320,019	23.21	13,788
1995	1,011,154.87	517,524	900,541	151,060	23.56	6,412
1996	214,447.52	106,972	186,141	36,884	23.90	1,543
1997	393,091.58	190,962	332,292	76,523	24.22	3,159
1998	288,295.60	136,206	237,011	62,816	24.53	2,561
1999	113,214.18	51,953	90,403	27,340	24.82	1,102
2000	45,500.50	20,240	35,220	12,101	25.10	482
2001	53,955.63	23,228	40,419	15,695	25.37	619
2002	1,675,078.39	696,589	1,212,131	529,950	25.62	20,685
2004	287,518.32	110,742	192,702	106,317	26.08	4,077
2005	30,785.93	11,358	19,764	12,253	26.30	466
2006	32,445.42	11,427	19,884	13,859	26.50	523
2007	499,932.95	167,454	291,386	228,544	26.69	8,563
2008	302,456.94	95,792	166,687	147,868	26.88	5,501
2009	740,857.26	220,723	384,079	386,413	27.05	14,285
2010	19,801,728.15	5,514,195	9,595,224	10,998,573	27.21	404,211
2011	698,949.98	180,382	313,882	413,026	27.36	15,096
2012	3,245,032.53	767,640	1,335,767	2,039,067	27.51	74,121
2013	4,717,880.63	1,010,661	1,758,646	3,147,949	27.64	113,891
2014	21,466.00	4,091	7,119	15,206	27.77	548
2015	17,274,474.87	2,854,351	4,966,842	12,998,611	27.90	465,900
2016	1,006,225.46	140,112	243,808	802,666	28.01	28,656
2017	21,573,464.62	2,401,144	4,178,219	18,258,184	28.12	649,295

DUKE ENERGY PROGRESS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 51-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
2018	143,116,097.74	11,710,790	20,377,889	128,462,852	28.22	4,552,192
2019	883,790.07	44,781	77,923	841,218	28.31	29,715
2020	1,746,271.14	30,801	53,597	1,762,525	28.40	62,061
	267,495,715.39	56,212,217	95,453,250	182,742,294		6,519,010
	1,430,814,908.73	525,452,556	676,687,164	838,098,100		28,618,481
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					29.3	2.00

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
1977	2,408,361.02	1,542,226	2,290,322	238,457	20.01	11,917
1978	61,812.43	38,995	57,911	6,993	20.43	342
1979	63,520.42	39,467	58,611	8,085	20.85	388
1980	108,952.07	66,632	98,954	15,446	21.27	726
1981	608,870.46	366,346	544,052	95,262	21.69	4,392
1982	394,552.52	233,401	346,618	67,662	22.11	3,060
1983	772,057.64	449,009	666,812	143,848	22.52	6,388
1984	7,390,874.43	4,223,530	6,272,262	1,488,156	22.92	64,928
1985	14,840,323.28	8,329,228	12,369,534	3,212,806	23.32	137,770
1986	1,648,768.67	908,105	1,348,605	382,602	23.72	16,130
1987	8,616,110.66	4,654,638	6,912,490	2,134,427	24.11	88,529
1988	2,643,580.46	1,400,232	2,079,450	696,309	24.49	28,432
1989	62,805.07	32,584	48,390	17,556	24.87	706
1990	3,380,297.17	1,716,944	2,549,792	999,520	25.24	39,601
1991	1,008,373.62	501,073	744,131	314,661	25.60	12,291
1992	785,412.77	381,515	566,579	258,105	25.95	9,946
1993	539,053.55	255,739	379,792	186,214	26.29	7,083
1994	7,536,458.64	3,488,016	5,179,968	2,733,314	26.63	102,640
1995	2,993,553.89	1,350,804	2,006,046	1,137,185	26.95	42,196
1996	6,336,765.95	2,783,203	4,133,267	2,520,337	27.27	92,422
1997	482,407.32	205,969	305,880	200,648	27.58	7,275
1998	452,597.10	187,572	278,559	196,668	27.88	7,054
1999	44,738.29	17,975	26,694	20,281	28.17	720
2000	7,876,919.93	3,062,665	4,548,289	3,722,477	28.45	130,843
2001	1,471,263.74	552,492	820,492	724,334	28.72	25,221
2002	361,324.49	130,753	194,178	185,213	28.98	6,391
2003	2,055,335.37	715,260	1,062,215	1,095,887	29.23	37,492
2004	370,449.04	123,623	183,590	205,382	29.47	6,969
2005	202,825.70	64,648	96,007	116,960	29.71	3,937
2006	2,147,979.37	651,962	968,213	1,287,165	29.93	43,006
2007	4,399,164.33	1,265,732	1,879,708	2,739,415	30.15	90,860
2008	3,846,243.51	1,043,684	1,549,950	2,488,606	30.36	81,970
2009	1,341,208.20	341,421	507,036	901,233	30.56	29,491
2010	6,257,254.63	1,483,730	2,203,451	4,366,666	30.75	142,005
2011	2,268,668.75	496,787	737,766	1,644,336	30.93	53,163
2012	8,456,649.21	1,691,364	2,511,804	6,367,678	31.11	204,683
2013	5,005,984.92	903,187	1,341,301	3,914,983	31.28	125,159
2014	3,936,739.95	628,552	933,447	3,200,130	31.45	101,753
2015	28,762,945.00	3,982,618	5,914,489	24,286,603	31.60	768,563
2016	7,260,551.38	841,338	1,249,451	6,374,128	31.76	200,697
2017	25,309,364.11	2,339,914	3,474,949	23,099,883	31.90	724,134

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2018	12,427,123.10	842,018	1,250,460	11,798,019	32.04	368,228
2019	4,414,322.97	183,965	273,202	4,361,837	32.18	135,545
2020	721,380.95	10,180	15,118	742,332	32.31	22,975
	192,073,946.08	54,529,096	80,979,834	120,697,809		3,988,021
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
1975	2,722,909.25	1,805,379	2,859,055			
1976	128,216.45	83,863	134,627			
1977	176,680.03	113,922	185,514			
1978	205,350.79	130,505	215,618			
1979	165,111.23	103,379	172,089	1,278	20.52	62
1980	260,442.39	160,636	267,401	6,064	20.91	290
1981	240,534.21	146,028	243,084	9,477	21.31	445
1982	221,178.11	132,127	219,944	12,293	21.70	566
1983	199,909.44	117,488	195,575	14,330	22.08	649
1984	38,718.93	22,371	37,240	3,415	22.46	152
1985	323,509.08	183,712	305,814	33,870	22.83	1,484
1986	13,400,467.02	7,473,119	12,440,047	1,630,443	23.20	70,278
1987	338,302.59	185,221	308,326	46,892	23.56	1,990
1988	7,813,637.68	4,197,658	6,987,586	1,216,733	23.91	50,888
1989	625,747.46	329,529	548,547	108,488	24.26	4,472
1990	50,766.28	26,195	43,605	9,699	24.60	394
1991	17,389.24	8,786	14,626	3,633	24.93	146
1992	2,023.79	1,000	1,665	460	25.25	18
1993	13.57	7	12	3	25.57	
1994	144,109.96	67,974	113,152	38,163	25.87	1,475
1995	1,159,366.50	533,400	887,919	329,416	26.17	12,588
1996	100,818.10	45,191	75,227	30,632	26.46	1,158
2001	934.54	360	599	382	27.77	14
2003	127,455.58	45,538	75,804	58,024	28.23	2,055
2006	189,052.83	59,131	98,432	100,074	28.85	3,469
2007	1,922,582.89	570,872	950,296	1,068,416	29.04	36,791
2008	3,954,454.97	1,108,092	1,844,573	2,307,604	29.23	78,946
2009	47,322.61	12,448	20,721	28,967	29.41	985
2010	355,144.48	87,140	145,057	227,845	29.58	7,703

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRUNSWICK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2054						
NET SALVAGE PERCENT.. -5						
2011	2,240,270.19	508,399	846,301	1,505,983	29.74	50,638
2012	1,518,229.74	314,891	524,180	1,069,961	29.90	35,785
2013	6,610,886.04	1,239,115	2,062,679	4,878,751	30.05	162,354
2014	1,068,548.28	177,351	295,225	826,750	30.20	27,376
2015	8,807,395.21	1,267,776	2,110,390	7,137,375	30.34	235,246
2016	81,554.59	9,849	16,395	69,237	30.47	2,272
2017	2,872,649.94	276,653	460,527	2,555,755	30.60	83,521
2019	3,889,518.46	170,058	283,085	3,800,909	30.84	123,246
	62,021,202.45	21,715,163	35,990,938	29,131,324		997,456
BRUNSWICK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2056						
NET SALVAGE PERCENT.. -5						
2011	1,701,138.80	372,511	819,153	967,043	30.93	31,266
2012	6,534,189.28	1,306,864	2,873,797	3,987,102	31.11	128,161
2013	1,453,300.55	262,207	576,594	949,372	31.28	30,351
2014	19,492.42	3,112	6,843	13,624	31.45	433
2016	3,452,698.39	400,092	879,803	2,745,530	31.76	86,446
2017	839,312.45	77,597	170,636	710,642	31.90	22,277
2019	14,881,691.01	620,187	1,363,793	14,261,983	32.18	443,194
2020	6,462,964.09	91,205	200,560	6,585,552	32.31	203,824
	35,344,786.99	3,133,775	6,891,179	30,220,848		945,952
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1977	11,858.64	7,579	10,618	2,071	20.89	99
1981	9,978.43	5,932	8,310	2,367	22.99	103
1982	5,060.82	2,951	4,134	1,281	23.52	54
1983	34,368.72	19,634	27,506	9,269	24.06	385
1984	1,016,922.99	569,069	797,227	290,880	24.59	11,829
1985	1,082.35	593	831	327	25.12	13
1986	16,972.39	9,096	12,743	5,418	25.65	211
1987	82,713,852.17	43,337,666	60,713,147	27,790,675	26.18	1,061,523

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HARRIS UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 10-2066						
NET SALVAGE PERCENT.. -7						
1988	6,070,354.38	3,106,172	4,351,537	2,143,742	26.71	80,260
1989	5,232,277.01	2,614,013	3,662,056	1,936,480	27.23	71,116
1990	4,265,831.52	2,078,418	2,911,723	1,652,716	27.75	59,557
1991	3,958,416.58	1,879,760	2,633,417	1,602,089	28.26	56,691
1992	2,970,200.44	1,373,263	1,923,849	1,254,266	28.77	43,596
1993	697,750.21	313,629	439,373	307,220	29.28	10,492
1994	4,037,670.03	1,762,988	2,469,827	1,850,480	29.78	62,138
1995	5,902,066.61	2,501,139	3,503,927	2,811,284	30.27	92,874
1996	599,105.95	246,090	344,755	296,288	30.75	9,635
1997	4,108,455.48	1,632,604	2,287,168	2,108,879	31.23	67,527
1998	889,966.50	341,882	478,954	473,311	31.69	14,936
1999	2,935,527.76	1,088,079	1,524,325	1,616,689	32.15	50,286
2000	2,679,765.40	956,175	1,339,537	1,527,812	32.60	46,865
2001	924,749.05	317,069	444,192	545,289	33.04	16,504
2002	2,536,993.66	834,816	1,169,521	1,545,062	33.46	46,176
2003	1,524,185.26	479,511	671,763	959,116	33.88	28,309
2004	1,830,887.12	549,278	769,501	1,189,548	34.29	34,691
2005	2,077,221.38	592,663	830,281	1,392,346	34.68	40,148
2006	5,478,255.36	1,479,501	2,072,681	3,789,052	35.07	108,043
2007	5,047,281.21	1,285,395	1,800,752	3,599,839	35.44	101,576
2008	9,775,569.62	2,337,046	3,274,044	7,185,816	35.80	200,721
2009	4,344,556.17	969,016	1,357,526	3,291,149	36.15	91,041
2010	2,026,159.16	418,552	586,363	1,581,627	36.49	43,344
2011	7,360,273.38	1,395,616	1,955,164	5,920,329	36.82	160,791
2012	6,236,802.06	1,073,546	1,503,966	5,169,413	37.14	139,187
2013	7,963,181.05	1,228,671	1,721,285	6,799,319	37.45	181,557
2014	3,294,093.35	447,529	626,958	2,897,722	37.75	76,761
2015	15,344,653.53	1,791,781	2,510,164	13,908,615	38.04	365,631
2016	14,662,992.72	1,425,696	1,997,304	13,692,098	38.32	357,309
2017	7,310,933.07	564,408	790,698	7,032,001	38.58	182,271
2018	10,774,759.66	604,696	847,138	10,681,855	38.84	275,022
2019	13,967,743.04	477,359	668,748	14,276,737	39.10	365,134
2020	2,623,276.82	30,343	42,508	2,764,398	39.34	70,269
	253,262,051.05	82,149,224	115,085,522	155,904,873		4,624,675

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
1960	77,991.84	61,076	81,112			
1971	57,804.86	40,582	60,117			
1972	2,065.07	1,434	2,148			
1974	20,494.25	13,900	21,314			
1977	53,808.46	35,174	55,487	474	18.74	25
1978	157,457.15	101,589	160,257	3,498	19.08	183
1979	215,041.93	136,946	216,033	7,610	19.41	392
1980	81,033.56	50,903	80,300	3,975	19.74	201
1981	371,010.45	229,786	362,489	23,362	20.07	1,164
1982	172,152.99	105,146	165,869	13,170	20.38	646
1983	380,926.26	229,212	361,584	34,580	20.70	1,671
1984	910,187.32	539,578	851,188	95,406	21.00	4,543
1985	627,725.89	366,286	577,819	75,016	21.31	3,520
1986	666,584.82	382,839	603,931	89,317	21.60	4,135
1987	7,177,540.90	4,054,047	6,395,291	1,069,352	21.89	48,851
1988	1,573,209.54	873,452	1,377,877	258,261	22.17	11,649
1989	156,013.44	85,115	134,270	27,984	22.44	1,247
1990	1,620,019.45	867,784	1,368,936	315,884	22.70	13,916
1991	399,957.75	210,174	331,551	84,405	22.96	3,676
1992	968,039.91	498,679	786,670	220,092	23.21	9,483
1993	1,699,777.80	857,881	1,353,314	414,455	23.45	17,674
1994	5,011,839.68	2,475,536	3,905,177	1,307,136	23.68	55,200
1995	873,038.29	421,529	664,965	242,995	23.91	10,163
1996	1,155,962.54	544,994	859,732	342,469	24.13	14,193
1997	2,082,207.18	957,431	1,510,355	655,141	24.34	26,916
1998	2,096,559.40	939,238	1,481,655	698,767	24.54	28,475
1999	1,024,426.35	446,234	703,938	361,466	24.74	14,611
2000	1,370,009.30	579,627	914,366	510,444	24.92	20,483
2001	1,869,868.25	766,508	1,209,172	735,491	25.10	29,302
2002	953,219.43	377,704	595,831	395,517	25.28	15,645
2003	1,735,715.32	663,914	1,047,329	757,814	25.44	29,788
2004	910,538.42	334,940	528,370	418,590	25.60	16,351
2005	642,002.66	226,612	357,482	310,201	25.75	12,047
2006	2,385,919.69	804,232	1,268,682	1,212,674	25.90	46,821
2007	3,439,169.58	1,103,602	1,740,941	1,835,796	26.04	70,499
2008	3,971,798.01	1,207,477	1,904,804	2,225,866	26.17	85,054
2009	2,020,079.72	577,911	911,659	1,189,224	26.30	45,218
2010	136,048.73	36,427	57,464	84,027	26.42	3,180
2011	13,301,768.91	3,301,723	5,208,494	8,625,346	26.54	324,994
2012	45,468,971.96	10,363,579	16,348,626	30,939,105	26.65	1,160,942
2013	9,823,811.91	2,026,189	3,196,329	7,020,436	26.76	262,348

DUKE ENERGY PROGRESS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROBINSON UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 52-R1.5						
PROBABLE RETIREMENT YEAR.. 7-2050						
NET SALVAGE PERCENT.. -4						
2014	7,458,285.71	1,369,198	2,159,920	5,596,697	26.87	208,288
2015	11,466,908.11	1,830,339	2,887,374	9,038,210	26.97	335,121
2016	12,842,137.90	1,727,442	2,725,053	10,630,770	27.06	392,859
2017	32,825,976.09	3,538,850	5,582,563	28,556,452	27.15	1,051,803
2018	1,420,938.96	112,754	177,870	1,299,906	27.24	47,720
2019	9,392,811.44	459,804	725,344	9,043,180	27.33	330,888
2020	3,199,183.70	53,733	84,764	3,242,387	27.41	118,292
	196,268,040.88	46,989,110	74,105,820	130,012,943		4,880,177
	738,970,027.45	208,516,368	313,053,293	465,967,797		15,436,281
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					30.2	2.09