an E.ON company

Elizabeth O'Donnell
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December 28, 2007

CASE 2007-00564

RE: Application of Louisville Gas and Electric Company to File Depreciation Study

Dear Ms. O'Donnell:

Please find enclosed and accept for filing the original and ten (10) copies of the Application of Louisville Gas and Electric Company to File Depreciation Study.

Should you have any questions concerning the enclosed, please contact me at your convenience.

Sincerely,

Lonnie E. Bellar

Lonnie E Bellar

Enclosures

cc: Office of the Attorney General
Boehm Kurtz & Lowry

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF LOUISVILLE GAS AND ELECTRIC COMPANY TO FILE DEPRECIATION STUDY	)))	**CASE NO. 2007-00564**

APPLICATION OF LOUISVILLE GAS AND ELECTRIC COMPANY

Louisville Gas and Electric Company ("LG&E" or "Applicant") hereby petitions the Commission for an order to approve the revised depreciation rates proposed by LG&E for accounting and ratemaking purposes concurrent with LG&E's next change in base rates pursuant to a Commission Order in a base rate proceeding filed by LG&E. LG&E files this Application pursuant to 807 KAR 5:001 and KRS 278.220, which authorizes the Commission to prescribe the accounting to be used by any public utility subject to its jurisdiction, and in compliance with the Commission's July 27, 2006 Order in Case No. 2006-00283.[1] In support of this Application, LG&E states as follows:

1. Address: The full name and mailing address of LG&E is: Louisville Gas and Electric Company, P.O. Box 32030, Louisville, Kentucky 40232-2030. LG&E is a Kentucky corporation authorized to do business in the Commonwealth of Kentucky.

2. Articles of Incorporation: A certified copy of LG&E's Articles of Incorporation is on file with the Commission in Case No. 2005-00471, *In the Matter of: Application of Louisville Gas and Electric Company and Kentucky Utilities Company for Authority to Transfer Functional Control of their Transmission System*, filed on November 18, 2005, and is incorporated by reference herein pursuant to 807 KAR 5:001, Section 8(3).

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[1] *In the Matter of Joint Petition by Application of Louisville Gas and Electric Company and Kentucky Utilities Company for Enlargement of Time to File Depreciation Studies.*

3. There are no applicable statutes, regulations, or Commission orders that require LG&E to publish or file notice of this Application prior to, or contemporaneously with, the filing hereof. In particular, the provisions of 807 KAR § 5:011 do not require the publication or filing of notice.

4. LG&E is a public utility, as defined in KRS 278.010(3)(a), engaged in the electric and gas business. LG&E generates and purchases electricity, and distributes and sells electricity at retail in Jefferson County and portions of Bullitt, Hardin, Henry, Meade, Oldham, Shelby, Spencer, and Trimble Counties. LG&E also purchases, stores, and transports natural gas, and distributes and sells natural gas at retail in Jefferson County and portions of Barren, Bullitt, Green, Hardin, Hart, Henry, Larue, Marion, Meade, Metcalfe, Nelson, Oldham, Shelby, Spencer, Trimble, and Washington Counties.

5. Copies of all orders, pleadings and other communications related to this proceeding should be directed to:

Allyson K. Sturgeon
Senior Corporate Attorney
E.ON U.S. LLC
220 West Main Street
Louisville, Kentucky 40202

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Vice-President of State Regulation and Rates
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Louisville, Kentucky 40202

Robert M. Watt III
Kendrick R. Riggs
William Duncan Crosby III
Stoll Keenon Ogden PLLC
2000 PNC Plaza
500 West Jefferson Street
Louisville, Kentucky 40202

6. On December 3, 2001, the Commission issued an Order approving LG&E's current depreciation rates in Case No. 2001-00141, *In the Matter of: Application of Louisville Gas and Electric Company for an Order Approving Revised Depreciation Rates*, which was part of a larger "Global Settlement" of several regulatory cases.

7. LG&E filed a new depreciation study as part of its 2003 rate case application (Case No. 2003-00433), filed December 29, 2003. As part of the settlement agreement in that proceeding, the depreciation rates LG&E proposed were withdrawn, and LG&E agreed to conduct a new depreciation study and file it with the Commission in its next general rate case or June 30, 2007, whichever occurred earlier. *In the Matter of: An Adjustment of the Gas and Electric Rates, Terms, and Conditions of Louisville Gas and Electric Company*, Case No. 2003-00433, Order at 34-35 (June 30, 2004). As a result of the settlement agreement approved by the Commission in that case, LG&E's depreciation rates remained the same as those established in Case No. 2001-00141. *See id.* at Appx. C at 6 (Settlement Agreement, Article III, Section 3.3).

8. Subsequently, on July 9, 2006, LG&E and Kentucky Utilities Company ("KU") (collectively, the "Companies") filed a joint application for time extension seeking authorization to file the new depreciation studies by December 31, 2007, based upon utility plant in service as of December 31, 2006. *In the Matter of: Joint Petition by Application of Louisville Gas and Electric Company and Kentucky Utilities Company for Enlargement of Time to File Depreciation Studies*, Case No. 2006-00283. On July 27, 2006, the Commission issued an Order approving the requested time extension.

9. In anticipation of the new depreciation studies, the Companies retained NewEnergy Associates, LLC to perform a life-assessment analysis of its generating assets. The goal of the analysis was to project more accurately when a generating asset will reach the end of

its effective useful economic life. A copy of the life-assessment analysis is attached hereto as Application Exhibit 1.

10. The Companies retained Gannett Fleming, Inc., under the direction of John J. Spanos, to conduct their new depreciation studies using NewEnergy Associates, LLC's life-assessment analysis of their generating assets.

11. The Companies have accepted, and LG&E's study reflects, Mr. Spanos's recommendation that the Companies use the Equal Life Group ("ELG") methodology to determine the remaining life annual accrual for each property group, which will increase LG&E's annual depreciation expense by $23.5 million on assets in service as of December 31, 2006. A detailed comparison of current to proposed depreciation rates is attached hereto as Application Exhibit 2. ELG is a reasonable methodology, as demonstrated by Commission Orders approving depreciation rates calculated using the ELG methodology in Union Light, Heat, and Power Company's electric and gas base rate proceedings.[2]

12. In order to match the proposed changes in its depreciation rates with the possible changes in its base rates, LG&E respectfully requests the Commission to issue an order in this proceeding to approve LG&E's proposed depreciation rates for accounting and ratemaking purposes concurrent with LG&E's next change in base rates pursuant to a Commission Order issued in a base rate proceeding filed by LG&E. LG&E anticipates filing a new base rate application during the 2008 calendar year, so there should not be undue delay associated with implementing new depreciation rates during LG&E's next base rate case, and the study will be sufficiently current.

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[2] *In the Matter of an Adjustment of the Gas Rates of the Union Light, Heat and Power Company*, Case No. 2005-00042, Order at 30-36 (Dec. 22, 2005) ("The new depreciation rates were calculated using the equal life group depreciation procedure, the straight-line method, and the remaining life basis."). *In the Matter of an Adjustment of Electric Rates of the Union Light, Heat and Power Company d/b/a Duke Energy Kentucky, Inc.*, Case No. 2006-00172, Order (Dec. 21, 2006).

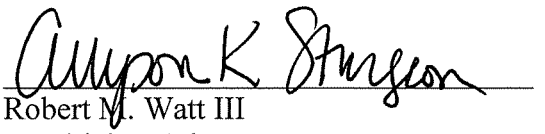
13. The following direct testimony of LG&E's witnesses supports this Application:

- The testimony of Robert M. Conroy, Manager of Rates, E.ON U.S. Services, Inc., presents an overview of the filing, briefly describes the rate impact of the new depreciation rates, and provides LG&E's recommendation on adopting the new depreciation rates for accounting and ratemaking purposes during LG&E's next base rate case, which LG&E anticipates filing in calendar year 2008.
- The testimony of Shannon L. Charnas, Director of Utility Accounting and Reporting for E.ON U.S. Services, Inc., describes the reasons LG&E elected to accept Mr. Spanos's recommendation to use the ELG methodology to calculate new depreciation rates.
- The testimony of John J. Spanos, Gannett Fleming, Inc., will explain and support the proposed depreciation rates he recommends as a result of his depreciation study for LG&E. Mr. Spanos sponsors an exhibit to his testimony, Exhibit JJS-LG&E, which is Gannett Fleming's depreciation study for LG&E.

WHEREFORE, Louisville Gas and Electric Company respectfully requests that the Commission issue an order to approve the proposed depreciation rates for accounting and ratemaking purposes concurrent with LG&E's next change in base rates pursuant to a Commission Order in a base rate proceeding filed by LG&E.

Dated: December 28, 2007

Respectfully submitted,



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Counsel for Louisville Gas and Electric Company

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing Application was sent to the following attorneys of record by U.S. mail, postage prepaid, on this 28th day of December, 2007.

Dennis Howard II
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Office of Rate Intervention
1024 Capital Center Drive, Suite 200
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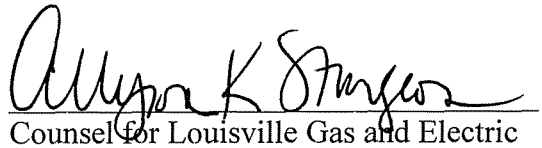
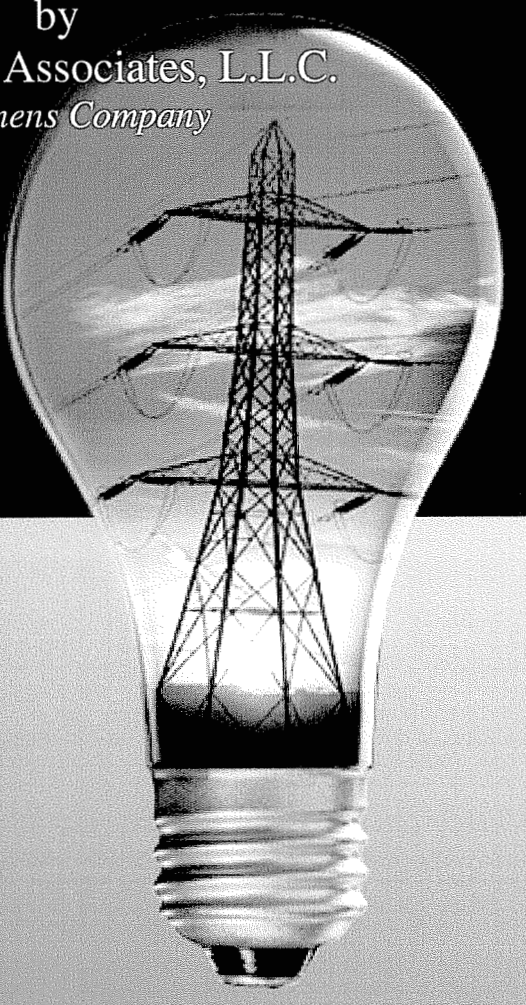


Counsel for Louisville Gas and Electric Company

An Economic Life Assessment of Generation Assets of KU and LG&E Performed for

e·on | U.S.

E.ON U.S.
by
NewEnergy Associates, L.L.C.
A Siemens Company



NewEnergy ASSOCIATES
A Siemens Company

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A Siemens Company

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Table of Contents

A. Introduction:

In order to determine the effective useful economic life of E.ON U.S.'s generating assets, NewEnergy Associates, LLC was retained by E.ON U.S. to perform a Life Assessment of its generating assets. The goal of the analysis was to allow E.ON U.S. to more accurately project when a generating asset will reach the end of its effective useful economic life. With the information supplied by NewEnergy Associates, E.ON U.S. will have a more robust method of determining the depreciation life of an asset. NewEnergy utilized its Strategist strategic planning model, together with E.ON U.S.'s data, to perform this analysis.

B. Methodology:

The analysis was conducted in two phases: an initial phase (Phase 1) to focus on a subset of the generating assets and demonstrate the effectiveness of the proposed methodology, and a second phase (Phase 2) to complete the analysis for the balance of generating assets. The specific tasks for each Phase of the analysis are shown in Appendix A.

For E.ON U.S.'s Life Assessment, units in service for less than 30 years were excluded from the evaluation. None of these units will have been in service for more than 60 years at the end of 2035 and current industry practice indicates that it is both reasonable and cost effective to retain properly operated and maintained units for a life of at least 60 years. The units excluded on the basis of this criterion were the E.W. Brown, Trimble County, Paddys Run 13 combustion turbines, and the Trimble County 1, Ghent 3 & 4, and Mill Creek 3 & 4 coal units.

Figure 1:

Retirement Candidates by Type:

	Net MW	
	Winter 2005	**Summer 2005**
Coal Steam	3,049	3,057
Hydro	56	72
CT	113	99
Total Capacity	**3,218**	**3,228**

Figure 1 shows the total MW of each capacity type of the KU and LG&E assets that were considered for the analysis. Figure 2 shows all KU and LG&E assets and shows the total capacity for those considered in the Life Assessment Analysis. These assets total 3,228 MW (summer). Highlighted assets were not considered in this assessment.

Figure 2:

Kentucky Utilities' Company / Louisville Gas and Electric Company

2006 Generator Ratings (MW)

Plant Name	Owner	In-Service Date	Net Winter 2005	Net Summer 2005	Unit Type	Fuel Type	Age as of December 31, 2006	Age as of December 31, 2035
Brown 1	KU	May 1, 1957	102	101	Steam	Coal	49.67	78.67
Brown 2	KU	June 1, 1963	169	167	Steam	Coal	43.58	72.58
Brown 3	KU	July 1, 1971	433	429	Steam	Coal	35.50	64.50
Total Brown Coal			**704**	**697**				
IAC on 11N2	KU	June 1, 2000		98	Inlet Air Cooling		6.58	35.58
Brown 5	Joint	June 8, 2001	143	117	CT	Natural Gas	5.56	34.56
Brown 6	Joint	August 11, 1999	168	154	CT	Natural Gas/Oil	7.39	36.39
Brown 7	Joint	August 8, 1999	168	154	CT	Natural Gas/Oil	7.40	36.40
Brown 8	KU	February 1, 1995	140	106	CT	Natural Gas/Oil	11.91	40.91
Brown 9	KU	August 1, 1994	140	106	CT	Natural Gas/Oil	12.42	41.42
Brown 10	KU	December 1, 1995	140	106	CT	Natural Gas/Oil	11.08	40.08
Brown 11	KU	May 1, 1996	140	106	CT	Natural Gas/Oil	10.67	39.67
Total Brown CT			**1,039**	**947**				
Cane Run 4	LGE	May 1, 1962	155	155	Steam	Coal	44.67	73.67
Cane Run 5	LGE	May 1, 1966	168	168	Steam	Coal	40.67	69.67
Cane Run 6	LGE	May 1, 1969	240	240	Steam	Coal	37.67	66.67
Total Cane Run			**563**	**563**				
Dix Dam 1	KU	November 1, 1925	8	8	Hydro	Water	81.16	110.16
Dix Dam 2	KU	November 1, 1925	8	8	Hydro	Water	81.16	110.16
Dix Dam 3	KU	November 1, 1925	8	8	Hydro	Water	81.16	110.16
Total Dix Dam			**24**	**24**				
Ghent 1	KU	February 1, 1974	468	475	Steam	Coal	32.91	61.91
Ghent 2	KU	April 1, 1977	466	484	Steam	Coal	29.75	58.75
Ghent 3	KU	May 1, 1981	495	493	Steam	Coal	25.67	54.67
Ghent 4	KU	August 1, 1984	495	493	Steam	Coal	22.41	51.41
Total Ghent			**1,924**	**1,945**				
Green River 3	KU	April 1, 1954	71	68	Steam	Coal	52.75	81.75
Green River 4	KU	July 1, 1959	102	95	Steam	Coal	47.50	76.50
Total Green River			**173**	**163**				
Haefling 1	KU	October 1, 1970	14	12	CT	Natural Gas/Oil	36.25	65.25
Haefling 2	KU	October 1, 1970	14	12	CT	Natural Gas/Oil	36.25	65.25
Haefling 3	KU	October 1, 1970	14	12	CT	Natural Gas/Oil	36.25	65.25
Total Haefling			**42**	**36**				
Mill Creek 1	LGE	August 1, 1972	303	303	Steam	Coal	34.41	63.41
Mill Creek 2	LGE	July 1, 1974	299	301	Steam	Coal	32.50	61.50
Mill Creek 3	LGE	August 1, 1978	397	391	Steam	Coal	28.42	57.42
Mill Creek 4	LGE	September 1, 1982	492	477	Steam	Coal	24.33	53.33
Total Mill Creek			**1,491**	**1,472**				
Ohio Falls 1	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 2	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 3	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 4	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 5	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 6	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 7	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Ohio Falls 8	LGE	January 1, 1928	4	6	Hydro	Water	79.00	108.00
Total Ohio Falls Hydro			**32**	**48**				
Paddys Run 13	Joint	June 27, 2001	175	158	CT	Natural Gas	5.51	34.51
Total Paddys Run CT			**175**	**158**				
Trimble County 1	LGE	December 23, 1990	386	383	Steam	Coal	16.02	45.02
Total Trimble County			**386**	**383**				
Trimble County 5	Joint	May 14, 2002	180	160	CT	Natural Gas	4.63	33.63
Trimble County 6	Joint	May 14, 2002	180	160	CT	Natural Gas	4.63	33.63
Trimble County 7	Joint	June 1, 2004	180	160	CT	Natural Gas	2.58	31.58
Trimble County 8	Joint	June 1, 2004	180	160	CT	Natural Gas	2.58	31.58
Trimble County 9	Joint	July 1, 2004	180	160	CT	Natural Gas	2.50	31.50
Trimble County 10	Joint	July 1, 2004	180	160	CT	Natural Gas	2.50	31.50
Total Trimble County CT			**1,080**	**960**				
Tyrone 1	KU	October 1, 1947	30	27	CT	Oil	59.25	88.25
Tyrone 2	KU	June 1, 1948	33	31	CT	Oil	58.58	87.58
Tyrone 3	KU	July 1, 1953	73	71	Steam	Coal	53.50	82.50
Total Tyrone			**136**	**129**				
Cane Run 11	LGE	June 1, 1968	14	14	CT	Natural Gas/Oil	38.58	67.58
Paddy's Run 11	LGE	June 1, 1968	13	12	CT	Natural Gas	38.58	67.58
Paddy's Run 12	LGE	July 1, 1968	28	23	CT	Natural Gas	38.50	67.50
Waterside 7	LGE	June 1, 1964	13	11	CT	Natural Gas	42.58	71.58
Waterside 8	LGE	February 1, 1964	13	11	CT	Natural Gas	42.91	71.91
Zorn 1	LGE	May 1, 1969	16	14	CT	Natural Gas	37.67	66.67
Total LG&E CT's			**97**	**85**				
		Total Study Capacity	**3,218**	**3,228**		**Weighted age**	**38**	**67**

	Winter MW	Summer MW
Units that will be less than 60 yrs old in 2035 were not considered in the study	4,559	4,302
Units that were removed from service prior to 2010	89	80

Phase 1 determined the effective useful economic life of 333 MW (summer net capacity) of the 3,228 MW (summer net capacity) of the life assessment candidates identified in Figure 2. The units designated by E.ON U.S. for evaluation in Phase 1 were: Green River 3 & 4 and Tyrone 3 coal fired steam units, and Haefling, Cane Run 11, Paddy's Run 11 & 12, and Zorn CTs. The CTs were "retired" at the end of 2009 and the coal fired steam units at the end of 2012 for the development of the Phase 1 Life Assessment Reference Plan.

Phase 2 determined the effective useful economic life of the remainder of the 3,228 MW of the life assessment candidates, or 2,895 MW. The effective useful economic lives determined in Phase 1 were incorporated into a newly developed Phase 2 Life Assessment Reference Plan as well as the plans that incorporate each Phase 2 life assessment candidate. All the candidate units included in Phase 2 were either coal fired steam or hydro units, so all of these units were assumed to "retire" at the end of 2012 for the purposes of developing the Phase 2 Life Assessment Reference Plan.

NewEnergy employed a *differential annual revenue requirements* methodology to determine the appropriate effective useful economic life for each unit. The first step involves assuming all the candidate units are "retired" in a specific year. For the life assessment candidates; combustion turbines (CTs) were "retired" at the end of 2009 and the coal and hydro units were "retired" at the end of 2012. These dates were chosen to correspond to the dates when equivalent replacement capacity could be installed. Then, a Reference Plan of replacement capacity was selected by Strategist's PROVIEW resource optimization module. This Reference Plan contains an appropriate mix of peaking, mid-range, and baseload capacity to meet future demand and energy requirements in a least cost method. These capacity types are represented by simple cycle combustion turbines, combined cycle combustion turbines, and coal fired steam generation, respectively.

The alternative resources available for developing the Life Assessment Reference Plans are described briefly in Figure 3. In addition to the annual maximum additions shown for each alternative, these resources were further restricted so that only one large coal unit, of any type, could be added in any one year. This restriction was adopted to limit capital outlay exposure. The only exception to this restriction was for 2013 during the Phase 2 Reference Plan optimization where a large portion of E.ON U.S.'s coal generating assets was "retired" and required more than one coal unit to replace that capacity. In that case, such a limitation would have left the system well below the required minimum reserve margin (see section F; "Results – Phase 2"). Combined Cycle and Simple Cycle Combustion Turbine generators were not limited against the other alternatives. The target minimum reserve margin constraint for the model optimization runs to develop the Life Assessment Reference Plans was set to 2% before 2010, and to 13.71%, 11.75%, and 10.63% for the years 2010, 2011, and 2012 respectively. The minimum target for 2010 through 2012 was adopted to maintain at least the same reserve margin of the base system with no retirements. The low reserve margin target before 2010 reflects an inability to build any new capacity prior to that time. After 2012, the target minimum reserve margin constraint was set to 14%. The 14% reserve margin minimum target from 2013 on reflects the desired long term minimum reserve margin for the system.

Figure 3:

Replacement Capacity Alternatives

Alternative Name	Description	Operating Life	Capacity	Capital Cost	First Year Available	Max per year	Study Period Max
LUSC	Ultra-Super Critical PC	50 years	766 MW	$1,906,270,000	2013	1	10
US_C	Ultra-Super Critical PC with Carbon Sequestration	50 years	613 MW	$2,756,233,000	2013	1	10
IGCC	Integrated Gasification Combined Cycle	50 years	611 MW	$1,758,982,000	2013	1	10
IG_C	Integrated Gasification Combined Cycle with Carbon Sequestration	50 years	488 MW	$2,146,299,000	2013	1	10
LGSC	Super Critical PC	50 years	766 MW	$1,862,896,000	2013	1	10
LG_C	Super Critical PC with Carbon Sequestration	50 years	613 MW	$2,718,858,000	2013	1	10
CCCT	Combined Cycle Combustion Turbine	40 years	552 MW	$465,368,900	2011	1	10
SCCT	Simple Cycle Combustion Turbine	30 years	181 MW	$78,687,500	2010	4	25

Capital Cost Values are shown in 2006$

Once the Reference Plan was developed, the replacement capacity was converted to "deferral capacity". The replacement resources designated as "deferrable" have their capacity adjusted to maintain the same reserve margin as the Reference Plan for all plans with Life Assessment candidate units included. Fixed O&M and capacity costs were also adjusted accordingly. In any year, the last unit added in the Reference Plan is the first one from which capacity is deferred. Due to the relatively high capital costs of the Carbon Sequestration units added in the later years, the Life Assessment candidate units were always less expensive to retain than the replacement carbon sequestration units. Since there were several years of negative PV annual revenue requirements differentials preceding the first of the carbon units, carbon sequestration units were not included in the deferrable capacity.

The basic system modeling was supplemented with specific cost data for each of the candidate units; projecting their O&M costs, capital expenditures (CapEx), property tax and insurance costs, as well as depreciation expenses out to 2035. These are discussed in more detail below. It is widely recognized that operating parameters such as EFOR, maintenance outage requirements, and heat rates increase (degrade) over the lifetime of an asset. Projections of future performance for aging generators would, ideally, be based on such data. However, no reliable source of data to project this performance degradation over the life of an asset currently exists. Thus, NewEnergy instead adopted the assumption that maintenance and capital expenditures would increase over the lifetime of the asset to hold performance at average lifetime levels. Data from OEM sources to support and model this assumption both exists and is readily available.

Fixed O&M costs and total capital costs (represented by the resource's Economic Carrying Charge) of the deferrable resources are also adjusted to reflect their computed capacities. The model is then run to determine the production costs for this adjusted system

The next step develops plans where each of the candidate units is not retired and assumes that each unit will then remain in service for at least 30 years. The Present Value (PV) of the

annual revenue requirements is extracted from the model for each plan retaining one of the candidate units. The difference between these PV annual revenue requirements and the PV annual revenue requirements of the Reference Plan is then computed. The first year the difference is negative (the retention costs more than the retirement) is determined and this indicates the earliest potential date for the end of the asset's effective useful economic life. The PV annual revenue requirements differentials are then accumulated from that year forward and the point where the sum turns negative and remains negative is the latest potential date for the end of the asset's effective useful economic life. This is shown in the example in Figure 4; the earliest year that the example unit would reach the end of its effective useful economic life in this case is 2014, with the latest economic retirement in 2018.

A possible situation, which does arise with some Phase 2 units, is that the first negative year for PV annual revenue requirements occurs relatively early, and then several years with positive PV annual revenue requirements follow before the annual PV differential values become negative again. This results in pushing the end of the asset's effective useful economic life out by several years while an accumulated positive differential sum is eliminated by the subsequent accumulation of negative differentials. It is not reasonable to wait until all the benefits accumulated during the intervening positive differential years are eliminated by retaining the unit for several years of negatives. In these cases, it is sensible to ignore the first occurrence of a negative differential, and to wait for the differential series to show stable negatives before beginning the summation.

It is possible for the methodology to indicate *no* end of effective useful economic life for a particular unit in the time frame of the study; in this case through 2035. This means that, based upon the assumptions used, the actual end of the asset's effective useful economic life is beyond 2035.

Figure 4:

Illustration of the Determination of the Effective Useful Economic Life For a Life Assessment Candidate Unit

Year	Differential Annual Revenue Requirements	Cumulative NPV of Differential Annual Revenue Requirements (2014 and beyond)
2010	$1.00	
2011	$1.50	
2012	$0.80	
2013	$0.60	
2014	($0.03)	($0.03)
2015	($0.50)	($0.53)
2016	$0.40	($0.13)
2017	$0.30	$0.17
2018	($0.50)	($0.33)
2019	($0.70)	($1.03)
2020	($1.00)	($2.03)
2021	($0.60)	($2.63)
2022	($0.20)	($2.83)
2023	$0.20	($2.63)
2024	$0.50	($2.13)
2025	($0.80)	($2.93)
2026	($0.10)	($3.03)
2027	$0.05	($2.98)
2028	$0.01	($2.97)
2029	($0.40)	($3.37)
2030	($0.10)	($3.47)
2031	($0.50)	($3.97)
2032	$0.30	($3.67)
2033	$0.50	($3.17)
2034	($0.30)	($3.47)
2035	($0.10)	($3.57)

C. Model Data and Assumptions:

E.ON U.S. provided NewEnergy with their latest Strategist database, translated from a PowerBase database. This basic data included all operating parameters and costs for the existing generation units in the KU and LG&E system. This includes EFOR, scheduled outage requirements, heat rates, variable and fixed operating and maintenance costs for all the generating assets, as well as load and fuel cost forecasts over the study horizon (2006 to 2035). A loads and resources summary report from the Strategist model reflecting only the existing system for selected years over the study horizon is shown in Figure 5.

Figure 5:

Loads and Resources 2006 - 2035

	2006	2010	2015	2020	2025	2030	2035
LOADS							
PEAK BEFORE DSM	6948.3	7434	8023	8597	9142	9735	10313
+ DSM ADJUSTMENTS	-112.3	-162.5	-167.4	-165.4	-141.9	-138.7	-138.7
FINAL PEAK	6836	7271.5	7855.6	8431.6	9000.1	9596.3	10174.3
RESOURCES							
TOTAL HYDRO	59.6	75.5	94.9	94.9	94.9	94.9	94.9
TOTAL THERMAL	7724.9	8099.2	8099.2	8099.2	8099.2	8099.2	8099.2
TOTAL CAPACITY	7784.5	8174.7	8194.1	8194.1	8194.1	8194.1	8194.1
RESERVES							
RESERVE (MW)	948.6	903.2	338.5	-237.5	-806	-1402.2	-1980.2
RESERVE MARGIN PERCENT	13.88	12.42	4.31	-2.82	-8.96	-14.61	-19.46
CAPACITY MARGIN PERCENT	12.19	11.05	4.13	-2.9	-9.84	-17.11	-24.17

Historical O&M costs and capital expenditure streams for individual units are significantly volatile with large expenditures in some years and very little expenditures in others. This creates problems in projecting the forward trajectory for these costs. Furthermore, Capital Expenditures should be amortized over the remaining life of the asset. Some of these Capital Expenditure (CapEx) outlays would also be expected to extend the life of the asset, requiring a rolling realignment of capital depreciation for every year of the asset's remaining life. Strategist is, unfortunately, unable to handle this internally so a complex spreadsheet calculation would be required to determine the proper annual revenue requirements impacts associated with CapEx. This procedure is both unwieldy and error prone; so a simplifying assumption to treat the CapEx outlays as if they were expenses for the "extended" life of the retained assets was made.

Projections of the depreciation streams were also needed. It was assumed that since the candidate resources all are retired at specific times (the end of 2009 for CTs, the end of 2012 for Hydro and Coal Steam units), that any net plant balance at that time would have to be reallocated over the assumed additional 30 year life of the resource if it is retained. The depreciation was calculated using straight line depreciation. The calculation of property tax and insurance costs were determined by E.ON U.S. experts in those areas.

All five of these cost streams (O&M, capital expenditures, depreciation, property taxes, and insurance) were then added together for each year of the "extended life" of the asset and overlaid on the Fixed O&M Cost within the Strategist model's database for each candidate unit.

Finally, the candidate units were overlaid on the Reference Plan one at a time and the Present

Value of each year's revenue requirements (equivalent to the PV Utility Cost model output from PROVIEW) was extracted from the model and the differentials with the Reference Plan calculated.

D. Results – Reference Plan

The Life Assessment Reference Plans developed for Phase 1 and Phase 2 are shown below in Figure 6. Please note that the large number of units added in 2013 for the Phase 2 Reference Plan is the result of "replacing" the large amount of capacity that the candidate units represent. For Phase 2, two units were again needed in 2018 due to capacity that had reached the end of its effective useful economic life as projected from Phase 1. These "retirements" were included in the underlying base data for Phase 2.

Figure 6:

Life Assessment Reference Plans

	Phase 1 Reference Plan		Phase 2 Reference Plan
2006			
2007			
2008			
2009			
2010	SCCT(1)		
2011			SCCT(1)
2012			
2013	LGSC(1)		LGSC(7)
2014	SCCT(1)		
2015	SCCT(1)		SCCT(1)
2016	SCCT(1)		SCCT(1)
2017			SCCT(1)
2018	LG_C(1)		SCCT(2)
2019			SCCT(1)
2020			SCCT(1)
2021			SCCT(1)
2022	LG_C(1)		LG_C(1)
2023			
2024			
2025			
2026	IG_C(1)		IG_C(1)
2027			
2028			
2029	LGSC(1)		
2030			SCCT(1)
2031			IG_C(1)
2032			
2033			
2034			SCCT(1)
2035	LG_C(1)		SCCT(1)
2036			IG_C(1)
P.V. UTILITY COST:			
PLANNING PERIOD	$ 18,235,858		$ 23,785,290
END EFFECTS PERIOD	$ 9,224,502		$ 10,936,946
STUDY PERIOD	$ 27,460,360		$ 34,722,236

E. Results – Phase 1:

The numeric results of Phase 1 are presented in Figures 7 and 8. The end of effective useful economic lives for the coal fired steam generation in Phase 1, Green River 3 & 4 and Tyrone 3, are all 2018. Note that the first year with a negative value for Green River 3 is 2016, but the positive value in 2017 offsets this, as well as the negatives in the next several years, delaying the next accumulated negative until 2021. For this reason the negative value in 2016 is ignored, resulting in a projected end of effective useful economic life for Green River 3 in 2018. None of the peaking turbines show a projected end of effective useful economic life. This is due to the fact that once sufficient new peaking capacity is added, these units generate at very low capacity factors and the overall cost of retaining this capacity is relatively low.

Figure 7:

Phase 1

Present Value Utility Cost Differentials vs. All New Build Plan

(PVUC New Build - PVUC Existing Unit)

	Coal Steam Green River 3	Coal Steam Green River 4	Coal Steam Tyrone 3	Gas CT Cane Run 11	Gas CT Haefling	Gas CT Paddy's Run 11	Gas CT Paddy's Run 12	Gas CT Zorn	All New Build
2006	$0	$0	$0	$0	$0	$0	$0	$0	$0
2007	$0	$0	$0	$0	$0	$0	$0	$0	$0
2008	$0	$0	$0	$0	$0	$0	$0	$0	$0
2009	$0	$0	$0	$0	$0	$0	$0	$0	$0
2010	$0	$0	$0	$270	$2	$290	($146)	$430	$0
2011	$0	$0	$0	$618	$1,607	$517	$1,080	$628	$0
2012	$0	$0	$0	$611	$1,542	$518	$1,042	$622	$0
2013	$2,556	$3,583	$2,728	$980	$2,472	$838	$1,615	$992	$0
2014	$711	$1,089	$782	$542	$1,367	$463	$925	$555	$0
2015	$738	$961	$853	$480	$1,275	$434	$841	$525	$0
2016	($159)	$802	$619	$480	$1,234	$414	$824	$494	$0
2017	$624	$930	$132	$454	$1,137	$391	$780	$468	$0
2018	($2)	($38)	($49)	$436	$1,078	$379	$741	$451	$0
2019	($60)	($504)	($68)	$392	$980	$339	$662	$406	$0
2020	($322)	($162)	($169)	$347	$934	$322	$619	$386	$0
2021	($265)	($181)	($140)	$344	$869	$300	$602	$359	$0
2022	($460)	($548)	($452)	$325	$819	$283	$565	$339	$0
2023	($889)	($561)	($604)	$305	$779	$266	$531	$319	$0
2024	($485)	($701)	($949)	$281	$726	$244	$495	$295	$0
2025	($511)	($725)	($651)	$244	$652	$229	$446	$276	$0
2026	($491)	($1,081)	($635)	$249	$625	$218	$437	$262	$0
2027	($507)	($767)	($649)	$227	$572	$200	$401	$240	$0
2028	($549)	($827)	($667)	$228	$545	$204	$385	$240	$0
2029	$744	$983	$658	$453	$1,159	$393	$773	$466	$0
2030	$426	$908	$606	$405	$1,083	$363	$707	$431	$0
2031	$535	$689	$221	$383	$971	$333	$652	$394	$0
2032	$459	$590	$377	$346	$891	$301	$597	$357	$0
2033	$262	$85	$174	$300	$755	$262	$513	$310	$0
2034	$237	$287	$151	$277	$706	$242	$478	$287	$0
2035	$616	$813	$550	$336	$881	$302	$579	$357	$0

Figure 8:

Phase 1

Accumulated PV Utility Cost from First Year with a Negative Differential

	Coal Steam Green River 3	Coal Steam Green River 4	Coal Steam Tyrone 3	Gas CT Cane Run 11	Gas CT Haefling	Gas CT Paddy's Run 11	Gas CT Paddy's Run 12	Gas CT Zorn	All New Build
2006									$0
2007									$0
2008									$0
2009									$0
2010							($146)		$0
2011							$933		$0
2012							$1,975		$0
2013							$3,590		$0
2014							$4,515		$0
2015							$5,357		$0
2016							$6,181		$0
2017							$6,961		$0
2018	($2)	($38)	($49)				$7,702		$0
2019	($62)	($542)	($117)				$8,364		$0
2020	($385)	($704)	($286)				$8,983		$0
2021	($650)	($885)	($426)				$9,584		$0
2022	($1,110)	($1,433)	($879)				$10,149		$0
2023	($1,999)	($1,994)	($1,483)				$10,680		$0
2024	($2,483)	($2,695)	($2,431)				$11,175		$0
2025	($2,994)	($3,420)	($3,083)				$11,622		$0
2026	($3,485)	($4,500)	($3,717)				$12,058		$0
2027	($3,992)	($5,267)	($4,366)				$12,460		$0
2028	($4,541)	($6,094)	($5,033)				$12,845		$0
2029	($3,797)	($5,111)	($4,375)				$13,618		$0
2030	($3,371)	($4,203)	($3,769)				$14,325		$0
2031	($2,836)	($3,514)	($3,548)				$14,978		$0
2032	($2,378)	($2,924)	($3,172)				$15,574		$0
2033	($2,116)	($2,839)	($2,998)				$16,087		$0
2034	($1,879)	($2,552)	($2,847)				$16,565		$0
2035	($1,263)	($1,739)	($2,297)				$17,144		$0

F. Results – Phase 2:

Phase 2, utilized the demonstrated methodology from Phase 1. In developing the Reference Plan for Phase 2, a significant capacity shortfall occurs in 2013, primarily due to the large amount of candidate unit capacity "retiring" for the Reference Plan but also due to demand growth. Multiple coal fired technology units were required to overcome this shortfall. The numbers of each alternative unit required to cover the shortfall is shown in Figure 9.

Figure 9:

Capacity Additions to Cover 2013 Shortfall

Capacity Needed	
5190 MW	Includes Ghent 3 & 4, and Mill Creek 3 & 4
2895 MW	Excludes Ghent 3 & 4, and Mill Creek 3 & 4

	Max Capacity	Deration %	Summer Rating	Number to meet 5290 MW need	Number to meet 2895 MW need
LUSC	766	3.66%	737.9644	7.033	3.923
LGSC	766	3.50%	739.19	7.021	3.916
IGCC	611	10.97%	543.9733	9.541	5.322
LG_C	612.8	3.50%	591.352	8.777	4.896
CCCT	552	13.88%	475.3824	10.918	6.090
SCCT	181	18.23%	148.0037	35.068	19.560
IG_C	488.8	10.97%	435.17864	11.927	6.652
US_C	612.8	3.66%	590.37152	8.791	4.904

Note: Ghent 3 & 4, and Mill Creek 3 & 4 were initially considered as candidate units when the Phase 2 Reference Plan was developed. The Reference Plan shown for Phase 2 in Figure 2 was developed using the 5190 MW need in 2013. A Reference Plan using the 2895 MW need would have only required 4 LUSC units in 2013 to cover the reserve shortfall from "retiring" the Phase 2 candidate assets.

The final results for Phase 2 are presented in Figures 10 and 11. Most of the projected end of effective useful economic life schedules for this group of units fall in the 2026 to 2028 time frame: Ghent 1 in 2026, Ghent 2 in 2027, Mill Creek 1 and 2 in 2026, and all three Brown units in 2026. Brown 2 shows an early negative in 2015, but this should be ignored. Cane Run 4 retires in 2018, Cane Run 5 retires in 2022, and Cane Run 6 retires in 2023. Both of the hydro plants, Dix Dam and Ohio Falls, show an effective useful economic life throughout the study period.

Figure 10:
Phase 2
Present Value Utility Cost Differentials vs. All New Build Plan
(PVUC New Build - PVUC Existing Unit)

	Brown 1	Brown 2	Brown 3	Cane Run 4	Cane Run 5	Cane Run 6	Dix Dam	Ghent 1	Ghent 2	Mill Creek 1	Mill Creek 2	Ohio Falls	All New Build
2006	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2008	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2009	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2010	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2011	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2012	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2013	$6,166	$10,801	$33,006	$6,925	$9,499	$13,584	$3,066	$36,183	$40,630	$18,860	$19,578	$10,853	$0
2014	$4,981	$6,603	$30,791	$6,200	$8,619	$12,549	$2,971	$32,362	$37,562	$9,539	$18,224	$14,727	$0
2015	$2,668	($517)	$26,483	$2,979	$3,006	$9,212	$1,995	$29,656	$33,305	$13,778	$14,381	$11,769	$0
2016	$1,886	$3,517	$19,576	$66	$2,101	$1,036	$1,937	$22,755	$26,103	$7,816	$8,526	$11,618	$0
2017	$1,906	$3,527	$14,333	$65	$2,448	$3,453	$1,940	$16,888	$20,404	$5,457	$4,111	$11,611	$0
2018	$2,097	$3,893	$12,675	($1,838)	$2,878	$3,914	$1,942	$13,697	$17,454	$4,569	$6,633	$11,670	$0
2019	$2,063	$3,939	$11,906	$325	$2,800	$4,072	$1,910	$13,625	$16,298	$6,290	$6,559	$11,710	$0
2020	$2,036	$3,370	$12,128	$157	$2,585	$3,808	$1,910	$12,596	$15,884	$5,500	$6,097	$11,706	$0
2021	$1,478	$3,407	$12,156	$216	$2,696	$3,850	$1,921	$11,708	$15,528	$6,182	$6,085	$11,725	$0
2022	$840	$742	$5,231	($1,704)	($1,560)	$992	$1,753	$4,953	$8,190	$2,180	$2,425	$10,709	$0
2023	$735	$1,244	$4,634	($1,837)	$337	($1,187)	$1,786	$4,249	$7,412	$1,992	$2,130	$10,836	$0
2024	$518	$892	$3,623	($2,062)	$116	$187	$1,820	$3,195	$5,972	$1,392	$1,575	$10,892	$0
2025	$443	$804	$2,936	($3,979)	$14	$61	$1,801	$2,465	$5,416	$1,292	$72	$11,016	$0
2026	($202)	($32)	($1,187)	($2,709)	($750)	($1,067)	$1,682	($2,155)	$1,069	($1,226)	($166)	$10,469	$0
2027	($353)	($327)	($1,754)	($2,951)	($1,035)	($1,474)	$1,687	($3,070)	($73)	($740)	($599)	$10,574	$0
2028	($972)	($921)	($3,226)	($3,495)	($1,587)	($2,149)	$1,675	($4,410)	($1,680)	($1,469)	($1,446)	$10,698	$0
2029	($688)	($1,481)	($3,940)	($3,510)	($3,154)	($2,423)	$1,686	($5,255)	($2,529)	($1,850)	($1,746)	$10,674	$0
2030	($686)	($1,133)	($4,210)	($3,534)	($1,842)	($3,874)	$1,651	($5,706)	($3,007)	($1,988)	($1,939)	$10,457	$0
2031	($615)	($1,101)	($5,476)	($3,414)	($1,752)	($2,438)	$1,508	($6,844)	($4,038)	($1,955)	($1,795)	$9,508	$0
2032	($606)	($1,056)	($5,126)	($4,621)	($1,676)	($2,360)	$1,433	($6,321)	($3,695)	($1,845)	($1,801)	$9,090	$0
2033	($602)	($1,002)	($4,026)	($3,225)	($1,636)	($2,266)	$1,375	($5,346)	($2,598)	($1,690)	($2,300)	$8,723	$0
2034	($570)	($950)	($3,684)	($3,121)	($1,572)	($2,229)	$1,313	($4,729)	($2,568)	($2,115)	($1,593)	$8,316	$0
2035	($771)	($841)	($2,904)	($2,964)	($1,469)	($2,147)	$1,260	($3,645)	($1,940)	($1,347)	($1,449)	$7,968	$0

Figure 11:
Phase 2
Accumulated PV Utility Cost from First Year with a Negative Differential

	Brown 1	Brown 2	Brown 3	Cane Run 4	Cane Run 5	Cane Run 6	Dix Dam	Ghent 1	Ghent 2	Mill Creek 1	Mill Creek 2	Ohio Falls	All New Build
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018				($1,838)									
2019				($1,513)									
2020				($1,356)									
2021				($1,140)									
2022				($2,843)	($1,560)								
2023				($4,680)	($1,223)	($1,187)							
2024				($6,743)	($1,107)	($1,000)							
2025				($10,722)	($1,093)	($939)							
2026	($202)	($32)	($1,187)	($13,431)	($1,843)	($2,006)		($2,155)		($1,226)	($166)		
2027	($554)	($359)	($2,941)	($16,382)	($2,878)	($3,480)		($5,224)	($73)	($1,966)	($765)		
2028	($1,527)	($1,280)	($6,167)	($19,877)	($4,465)	($5,629)		($9,635)	($1,753)	($3,435)	($2,211)		
2029	($2,215)	($2,760)	($10,106)	($23,386)	($7,618)	($8,052)		($14,890)	($4,282)	($5,285)	($3,958)		
2030	($2,900)	($3,894)	($14,316)	($26,921)	($9,460)	($11,925)		($20,596)	($7,289)	($7,273)	($5,897)		
2031	($3,515)	($4,994)	($19,792)	($30,335)	($11,211)	($14,364)		($27,440)	($11,327)	($9,228)	($7,692)		
2032	($4,121)	($6,050)	($24,918)	($34,956)	($12,888)	($16,724)		($33,761)	($15,022)	($11,073)	($9,492)		
2033	($4,723)	($7,052)	($28,944)	($38,181)	($14,523)	($18,989)		($39,107)	($17,620)	($12,763)	($11,792)		
2034	($5,293)	($8,002)	($32,627)	($41,302)	($16,096)	($21,219)		($43,835)	($20,188)	($14,878)	($13,385)		
2035	($6,064)	($8,844)	($35,531)	($44,266)	($17,565)	($23,365)		($47,481)	($22,128)	($16,225)	($14,833)		

G. Summary

NewEnergy Associates, LLC performed a Life Assessment of E.ON U.S.'s generating assets to determine the effective useful economic lives of these assets. Figure 12 summarizes the results of this Life Assessment study and shows the projected end of useful economic life for E.ON U.S.'s coal fired steam assets. The assessment of the economics of continuing to operate E.ON U.S.'s combustion turbine assets; the Haefling units, Cane Run 11, Paddy's Run 11 & 12 and Zorn 1, indicates that these assets should continue to be economic throughout the time horizon of the study (through 2035).

Figure 12:

End of Economic Life

Unit Name	Projected End of Economic Life
Brown 1	2026
Brown 2	2026
Brown 3	2026
Cane Run 4	2018
Cane Run 5	2022
Cane Run 6	2023
Ghent 1	2026
Ghent 2	2027
Green River 3	2018
Green River 4	2018
Mill Creek 1	2026
Mill Creek 2	2026
Tyrone 3	2018

H. Appendices

Appendix A
Project Tasks by Phase

Task No. / Phase No.	Task Description	Lead	Support	Comments
Task1, Phase 1	Develop a Strategist expansion plan with 600 MW of life assessment candidate units (out of a potential of 2,995 MW of life assessment candidate units) "retired in 2010 (CTs) and 2012 (coal) This plan will be the Phase 1 Life Assessment Reference Plan. For the purposes of this study the E ON system will be modeled as an isolated system (i.e. - market sales and purchases will not be modeled).	NewEnergy	E.ON	NewEnergy will rely on E.ON data for this analysis, including all existing and new unit parameters, fuel costs, emission allowance costs, etc The cost of retiring units along with any unrecovered book costs will be incorporated into the revenue requirements of the Phase 1 Life Assessment Reference Plan. New Energy will work with E.ON to develop these costs in Task 2
Task 2, Phase 1	For each retirement candidate unit (or combination of units) develop cost data for (a) retiring the unit and (b) maintaining the unit in operation For units that remain in operation develop forecasted operating parameters (EFOR, Scheduled outage requirements) if this will change as the unit continues operation	E.ON	NewEnergy	NewEnergy will assist E.ON in developing the cost framework and will review the results to ensure completeness. Forecasted operating parameters will be E.ON's responsibility
Task 3, Phase 1	Employing the "deferral capacity" logic in Strategist to keep installed reserves constant, add each retirement unit (or combination of units) back into the system and recalculate the expansion plan's costs. Using the economic carrying charge to model the impacts of deferring investment costs, construct an economic ranking of all retirement candidates (or combination), showing the NPV of each candidate's impact vs. the Life Assessment Reference Plan and the Year-by-year cumulative NPV. Identify each life assessment candidate's retirement date using the approach described in this proposal.	NewEnergy	E.ON	The deferral capacity logic in Strategist will permit the retirement candidate to be evaluated by keeping reserves or reliability (or a combination thereof) constant It defers a rolling "slice" of new capacity, thereby incorporating the net capital and operating revenue requirements and dispatch impacts of the adjusted new capacity and the retirement candidate into the analysis
Task 4, Phase 1	Develop a draft PowerPoint presentation of results for E.ON review and incorporate E.ON comments to finalize it Present the results at E.ON's offices in Louisville Prepare and transfer Strategist data files and other data used for the study to E.ON.	NewEnergy	E.ON	
Task1, Phase 2	Develop a Strategist expansion plan for the remainder of the 2,995 MW of life assessment candidate units **not evaluated in Phase 1.** Incorporate any Phase 1 retirements into Phase 2 and develop a Phase 2 Life Assessment Reference Plan For purposes of this study, the E.ON system will be modeled as it was modeled in Phase 1 (i.e.: as an isolated system, without any market sales and purchases).	NewEnergy	E.ON	NewEnergy will rely on E.ON data for this analysis, including all existing and new unit parameters, fuel costs, emission allowance costs, etc The cost of retiring units along with any unrecovered book costs will be incorporated into the revenue requirements of the Phase 1 Life Assessment Reference Plan. New Energy will work with E.ON to develop these costs in Task 2
Task 2, Phase 2	For each retirement candidate unit (or combination of units) develop cost data for (a) retiring the unit and (b) maintaining the unit in operation For units that remain in operation develop forecasted operating parameters (EFOR, Scheduled outage requirements) if this will change as the unit continues operation.	E.ON	NewEnergy	NewEnergy will assist E.ON in developing the cost framework and will review the results to ensure completeness. Forecasted operating parameters will be E.ON's responsibility
Task 3, Phase 2	Same as Task 3, Phase 1	NewEnergy	E.ON	Same as Task 3, Phase 1
Task 4, Phase 2	Same as Task 4, Phase 1 with the addition of a written report covering all assumptions, modeling and results from both Phase 1 and Phase 2.	NewEnergy	E.ON	

Louisville Gas and Electric Company
Comparison of Current to Recommended Depreciation Rates
Plant in Service as of December 31, 2006
Electric Plant

APPLICATION EXHIBIT 2

Account No.	Description	Original Cost 12/31/2006	Current Rates Rate	Current Rates Annual Accrual	Proposed Rates Rate	Proposed Rates Annual Accrual	Increase or (Decrease)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	STEAM PRODUCTION PLANT						
311 00	Structures and Improvements						
	Cane Run Unit 1	4,233,982	0 00%	-	0 00%	-	-
	Cane Run Unit 2	2,102,942	0 00%	-	0 00%	-	-
	Cane Run Unit 3	3,532,141	0 00%	-	0 00%	-	-
	Cane Run Unit 4	3,819,018	2 94%	112,279	1 26%	48,090	(64,189)
	Cane Run Unit 4 Scrubber	760,360	0 00%	-	1 11%	8,419	8,419
	Cane Run Unit 5	6,165,918	2 87%	176,962	2 00%	123,433	(53,529)
	Cane Run Unit 5 Scrubber	1,696,435	1 77%	30,027	1 66%	28,165	(1,862)
	Cane Run Unit 6	19,346,502	3 06%	592,003	2 22%	429,786	(162,217)
	Cane Run Unit 6 Scrubber	1,894,852	2 18%	41,308	2 13%	40,312	(996)
	Mill Creek Unit 1	19,168,217	2 39%	458,120	1 71%	327,762	(130,358)
	Mill Creek Unit 1 Scrubber	1,716,996	3 90%	66,963	1 74%	29,820	(37,143)
	Mill Creek Unit 2	10,812,788	2 29%	247,613	1 50%	162,336	(85,277)
	Mill Creek Unit 2 Scrubber	1,393,404	3 99%	55,597	1 89%	26,311	(29,286)
	Mill Creek Unit 3	24,963,587	3 03%	756,397	1 58%	394,688	(361,709)
	Mill Creel Unit 3 Scrubber	362,867	4 54%	16,474	1 53%	5,567	(10,907)
	Mill Creek Unit 4	60,311,484	2 82%	1,700,784	1 92%	1,158,787	(541,997)
	Mill Creek Unit 4 Scrubber	5,307,313	5 38%	285,533	1 82%	96,858	(188,675)
	Trimble County Unit 1	160,498,044	2 41%	3,868,003	2 15%	3,452,800	(415,203)
	Trimble Conuty Unit 1 Scrubber	511,309	3 47%	17,742	2 35%	12,010	(5,732)
	Total Account 311	328,598,157		8,425,805		6,345,144	(2,080,661)
312 00	Boiler Plant Equipment						
	Cane Run Locomotive	51,549	0 00%	-	4 79%	2,470	2,470
	Cane Run Rail Cars	1,501,773	2 27%	34,090	3 59%	53,867	19,777
	Cane Run Unit 1	1,053,743	0 00%	-	0 00%	-	-
	Cane Run Unit 2	132,837	0 00%	-	0 00%	-	-
	Cane Run Unit 3	711,483	0 00%	-	0 00%	-	-
	Cane Run Unit 4	30,277,227	2 94%	890,150	6 66%	2,016,040	1,125,890
	Cane Run Unit 4 Scrubber	17,091,728	0 00%	-	5 74%	981,260	981,260
	Cane Run Unit 5	34,767,159	2 87%	997,817	6 71%	2,332,399	1,334,582
	Cane Run Unit 5 Scrubber	28,107,438	1 77%	497,502	4 62%	1,298,757	801,255
	Cane Run Unit 6	47,135,674	3 06%	1,442,352	5 78%	2,726,434	1,284,082
	Cane Run Unit 6 Scrubber	32,184,157	2 18%	701,615	4 97%	1,600,158	898,543
	Mill Creek Locomotive	613,424	2 15%	13,189	4 04%	24,762	11,573
	Mill Creek Rail Cars	3,593,112	2 17%	77,971	3 58%	128,750	50,779
	Mill Creek Unit 1	47,559,198	2 39%	1,136,665	4 72%	2,246,257	1,109,592
	Mill Creek Unit 1 Scrubber	42,349,731	3 90%	1,651,639	4 96%	2,101,740	450,101
	Mill Creek Unit 2	47,357,146	2 29%	1,084,479	5 22%	2,472,523	1,388,044
	Mill Creek Unit 2 Scrubber	34,424,938	3 99%	1,373,555	4 71%	1,621,216	247,661
	Mill Creek Unit 3	137,324,678	3 03%	4,160,938	4 48%	6,148,975	1,988,037
	Mill Creel Unit 3 Scrubber	63,097,999	4 54%	2,864,649	4 38%	2,762,215	(102,434)
	Mill Creek Unit 4	237,604,471	2 82%	6,700,446	4 45%	10,573,987	3,873,541
	Mill Creek Unit 4 Scrubber	113,648,646	5 38%	6,114,297	4 14%	4,709,202	(1,405,095)
	Trimble County Unit 1	246,928,939	2 41%	5,950,987	4 04%	9,975,426	4,024,439
	Trimble Conuty Unit 1 Scrubber	63,159,342	3 47%	2,191,629	4 10%	2,590,120	398,491
	Total Account 312	1,230,676,390		37,883,970		56,366,558	18,482,588
314 00	Turbogenerator Units						
	Cane Run Unit 1	106,009	0 00%	-	0 00%	-	-
	Cane Run Unit 2	19,999	0 00%	-	0 00%	-	-
	Cane Run Unit 3	581,178	0 00%	-	0 00%	-	-
	Cane Run Unit 4	9,122,982	2 94%	268,216	3 40%	309,780	41,564
	Cane Run Unit 5	7,375,365	2 87%	211,673	2 42%	178,552	(33,121)
	Cane Run Unit 6	14,984,950	3 06%	458,539	3 47%	519,788	61,249
	Mill Creek Unit 1	14,332,085	2 39%	342,537	2 30%	330,036	(12,501)
	Mill Creek Unit 2	16,626,880	2 29%	380,756	2 62%	434,898	54,142
	Mill Creek Unit 3	27,112,329	3 03%	821,504	2 28%	618,480	(203,024)
	Mill Creek Unit 4	42,108,819	2 82%	1,187,469	2 45%	1,032,197	(155,272)
	Trimble County Unit 1	66,954,099	2 41%	1,613,594	2 68%	1,796,816	183,222
	Total Account 314	199,324,693		5,284,287		5,220,547	(63,740)
315 00	Accessory Electric Equipment						
	Cane Run Unit 1	1,891,013	0 00%	-	0 00%	-	-
	Cane Run Unit 2	1,277,223	0 00%	-	0 00%	-	-
	Cane Run Unit 3	767,324	0 00%	-	0 00%	-	-
	Cane Run Unit 4	5,474,319	2 94%	160,945	3 40%	185,974	25,029
	Cane Run Unit 4 Scrubber	987,949	0 00%	-	1 12%	11,019	11,019
	Cane Run Unit 5	6,856,291	2 87%	196,776	3 12%	214,025	17,249
	Cane Run Unit 5 Scrubber	2,216,499	1 77%	39,232	1 67%	36,996	(2,236)
	Cane Run Unit 6	8,571,567	3 06%	262,290	2 93%	251,391	(10,899)
	Cane Run Unit 6 Scrubber	2,124,667	2 18%	46,318	1 61%	34,157	(12,161)
	Mill Creek Unit 1	14,425,286	2 39%	344,764	2 84%	410,132	65,368
	Mill Creek Unit 1 Scrubber	5,541,695	3 90%	216,126	1 80%	99,693	(116,433)
	Mill Creek Unit 2	6,428,715	2 29%	147,218	2 13%	136,760	(10,458)
	Mill Creek Unit 2 Scrubber	4,505,053	3 99%	179,752	1 83%	82,399	(97,353)
	Mill Creek Unit 3	13,482,711	3 03%	408,526	1 64%	221,163	(187,363)
	Mill Creel Unit 3 Scrubber	2,531,773	4 54%	114,942	1 62%	41,010	(73,932)
	Mill Creek Unit 4	20,755,278	2 82%	585,299	1 85%	383,791	(201,508)
	Mill Creek Unit 4 Scrubber	5,864,979	5 38%	315,536	1 81%	105,878	(209,658)
	Trimble County Unit 1	56,269,846	2 41%	1,356,103	2 28%	1,281,579	(74,524)
	Trimble Conuty Unit 1 Scrubber	2,736,920	3 47%	94,971	2 28%	62,279	(32,692)
	Total Account 315	162,709,108		4,468,798		3,558,246	(910,552)

Louisville Gas and Electric Company
Comparison of Current to Recommended Depreciation Rates
Plant in Service as of December 31, 2006
Electric Plant

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
316 00	Miscellaneous Plant Equipment						
	0112 Cane Run Unit 1	38,746	0 00%	-	0 00%	-	-
	0131 Cane Run Unit 3	11,664	0 00%	-	0 00%	-	-
	0141 Cane Run Unit 4	71,143	2 94%	2,092	6 50%	4,624	2,532
	0142 Cane Run Unit 4 Scrubber	6,464	0 00%	-	3 16%	204	204
	0151 Cane Run Unit 5	80,866	2 87%	2,321	5 53%	4,473	2,152
	0152 Cane Run Unit 5 Scrubber	47,299	1 77%	837	3 12%	1,478	641
	0161 Cane Run Unit 6	2,707,943	3 06%	82,863	4 51%	122,063	39,200
	0162 Cane Run Unit 6 Scrubber	31,569	2 18%	688	2 98%	942	254
	0211 Mill Creek Unit 1	696,198	2 39%	16,639	3 37%	23,454	6,815
	0221 Mill Creek Unit 2	112,008	2 29%	2,565	3 10%	3,474	909
	0231 Mill Creek Unit 3	318,625	3 03%	9,654	2 79%	8,883	(771)
	0241 Mill Creek Unit 4	5,198,565	2 82%	146,600	3 28%	170,528	23,928
	0242 Mill Creek Unit 4 Scrubber	53,007	5 38%	2,852	3 02%	1,602	(1,250)
	0311 Trimble County Unit 1	2,574,447	2 41%	62,044	3 16%	81,361	19,317
	Total Account 316	11,948,545		329,155		423,086	93,931
	Total Steam Production Plant	1,933,256,893		56,392,014		71,913,581	15,521,567
	HYDRAULIC PRODUCTION PLANT						
331 00	Structures and Improvements - Project 289	5,412,308	1 81%	97,963	0 08%	4,152	(93,811)
331 00	Structures and Improvements - Non-Project	65,796	1 76%	1,158	0 55%	359	(799)
332 00	Reservoirs, Dams & Waterways - Project 289	4,949,177	1 81%	89,580	3 30%	163,256	73,676
333 00	Water Wheels, Turbines and Generators - Project 289	2,674,580	1 81%	48,410	0 25%	6,624	(41,786)
334 00	Accessory Electric Equipment - Project 289	4,392,876	1 81%	79,511	2 95%	129,626	50,115
335 00	Misc Power Plant Equipment - Project 289	171,179	1 81%	3,098	2 31%	3,953	855
335 00	Misc Power Plant Equipment - Non-Project	7,814	1 76%	138	1 68%	131	(7)
336 00	Roads, Railroads and Bridges - Project 289	178,847	1 81%	3,237	0 00%	-	(3,237)
336 00	Roads, Railroads and Bridges - Non-Project	1,134	1 76%	20	0 00%	-	(20)
	Total Hydraulic Production Plant	17,853,710		323,115		308,101	(15,014)
	OTHER PRODUCTION PLANT						
341 00	Structures and Improvements						
	Cane Run GT 11	68,932	0 49%	338	2 33%	1,607	1,269
	Zorn and River Road Gas Turbine	8,241	1 24%	102	1 59%	131	29
	Paddys Run Generator 12	42,865	1 34%	574	1 58%	678	104
	Paddys Run Generator 13	2,158,698	3 43%	74,043	3 15%	67,965	(6,078)
	Brown CT 5	858,539	3 43%	29,448	3 15%	27,030	(2,418)
	Brown CT 6	105,978	3 45%	3,656	3 29%	3,484	(172)
	Brown CT 7	144,356	3 33%	4,807	3 23%	4,666	(141)
	Trimble County CT 5	1,555,655	3 43%	53,359	3 27%	50,808	(2,551)
	Trimble County CT 6	1,467,924	3 43%	50,350	3 25%	47,676	(2,674)
	Trimble County CT 7	2,083,698	3 43%	71,471	3 45%	71,971	500
	Trimble County CT 8	2,075,527	3 43%	71,191	3 45%	71,689	498
	Trimble County CT 9	2,137,402	3 43%	73,313	3 45%	73,826	513
	Trimble County CT 10	2,132,790	3 43%	73,155	3 45%	73,667	512
	Total Account 341	14,840,604		505,807		495,198	(10,609)
342 00	Fuel Holders, Producers and Accessories						
	Cane Run GT 11	118,874	0 49%	582	4 89%	5,816	5,234
	Zorn and River Road Gas Turbine	12,802	1 24%	159	1 69%	216	57
	Paddys Run Generator 11	9,238	1 26%	116	1 69%	156	40
	Paddys Run Generator 12	12,197	1 34%	163	1 96%	239	76
	Paddys Run Generator 13	2,255,338	3 43%	77,358	3 21%	72,314	(5,044)
	Brown CT 5	822,581	3 43%	28,215	3 20%	26,341	(1,874)
	Brown CT 6	363,762	3 45%	12,550	3 11%	11,331	(1,219)
	Brown CT 7	102,065	3 33%	3,399	3 11%	3,179	(220)
	Trimble County CT 5	97,997	3 43%	3,361	3 29%	3,225	(136)
	Trimble County CT 6	97,862	3 43%	3,357	3 29%	3,222	(135)
	Trimble County CT Pipeline	1,998,391	3 43%	68,545	3 32%	66,290	(2,255)
	Trimble County CT 7	338,423	3 43%	11,608	3 50%	11,833	225
	Trimble County CT 8	337,096	3 43%	11,562	3 50%	11,787	225
	Trimble County CT 9	347,147	3 43%	11,907	3 50%	12,138	231
	Trimble County CT 10	*346,397*	*3 43%*	*11,881*	3 50%	12,112	231
	Total Account 342	7,260,169		244,764		240,199	(4,565)
343 00	Prime Movers						
	Paddys Run Generator 13	19,700,979	3 43%	675,744	4 60%	905,539	229,795
	Brown CT 5	14,310,574	3 43%	490,853	4 61%	659,452	168,599
	Brown CT 6	15,937,078	3 45%	549,829	4 68%	745,907	196,078
	Brown CT 7	22,587,247	3 33%	752,155	4 60%	1,039,091	286,936
	Trimble County CT 5	12,521,829	3 43%	429,499	4 67%	584,956	155,457
	Trimble County CT 6	12,417,419	3 43%	425,917	4 67%	579,749	153,832
	Trimble County CT 7	13,328,714	3 43%	457,175	4 88%	650,517	193,342
	Trimble County CT 8	13,203,749	3 43%	452,889	4 88%	644,950	192,061
	Trimble County CT 9	13,094,378	3 43%	449,137	4 88%	639,592	190,455
	Trimble County CT 10	13,055,699	3 43%	447,810	4 88%	637,706	189,896
	Total Account 343	150,157,665		5,131,008		7,087,459	1,956,451
344 00	Generators						
	Cane Run GT 11	2,492,496	0 49%	12,213	5 73%	142,925	130,712
	Zorn and River Road Gas Turbine	1,827,581	1 24%	22,662	2 70%	49,379	26,717

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Electric Plant

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Paddys Run Generator 11	1,523,116	1 26%	19,191	2 74%	41,664	22,473
	Paddys Run Generator 12	2,991,746	1 34%	40,089	2 63%	78,674	38,585
	Paddys Run Generator 13	5,859,858	3 43%	200,993	3 00%	175,996	(24,997)
	Brown CT 5	3,219,205	3 43%	110,419	3 00%	96,684	(13,735)
	Brown CT 6	2,417,995	3 45%	83,421	2 93%	70,743	(12,678)
	Brown CT 7	2,421,079	3 33%	80,622	2 93%	70,834	(9,788)
	Trimble County CT 5	1,539,295	3 43%	52,798	3 09%	47,599	(5,199)
	Trimble County CT 6	1,537,168	3 43%	52,725	3 09%	47,531	(5,194)
	Trimble County CT 7	1,726,824	3 43%	59,230	3 29%	56,749	(2,481)
	Trimble County CT 8	1,717,277	3 43%	58,903	3 29%	56,435	(2,468)
	Trimble County CT 9	1,728,008	3 43%	59,271	3 29%	56,788	(2,483)
	Trimble County CT 10	1,722,674	3 43%	59,088	3 29%	56,613	(2,475)
	Total Account 344	32,724,322		911,624		1,048,614	136,990
345 00	Accessory Electric Equipment						
	Cane Run GT 11	113,684	0 49%	557	4 60%	5,228	4,671
	Zorn and River Road Gas Turbine	40,936	1 24%	508	4 50%	1,844	1,336
	Paddys Run Generator 11	68,109	1 26%	858	6 33%	4,311	3,453
	Paddys Run Generator 12	114,338	1 34%	1,532	5 93%	6,775	5,243
	Paddys Run Generator 13	2,778,993	3 43%	95,319	3 72%	103,379	8,060
	Brown CT 5	2,575,301	3 43%	88,333	3 72%	95,800	7,467
	Brown CT 6	942,589	3 45%	32,519	3 67%	34,598	2,079
	Brown CT 7	943,792	3 33%	31,428	3 67%	34,642	3,214
	Trimble County CT 5	685,979	3 43%	23,529	3 78%	25,924	2,395
	Trimble County CT 6	685,031	3 43%	23,497	3 78%	25,887	2,390
	Trimble County CT 7	1,841,955	3 43%	63,179	3 89%	71,579	8,400
	Trimble County CT 8	1,834,732	3 43%	62,931	3 89%	71,298	8,367
	Trimble County CT 9	1,889,431	3 43%	64,807	3 89%	73,424	8,617
	Trimble County CT 10	1,885,354	3 43%	64,668	3 89%	73,265	8,597
	Total Account 345	16,400,224		553,666		627,954	74,288
346 00	Miscellaneous Plant Equipment						
	Zorn and River Road Gas Turbine	-	1 24%	-	0 00%	-	-
	Paddys Run Generator 11	-	1 26%	-	0 00%	-	-
	Paddys Run Generator 12	1,141	1 34%	15	0 00%	-	(15)
	Paddys Run Generator 13	1,260,055	3 43%	43,220	2 83%	35,671	(7,549)
	Brown CT 5	2,370,656	3 43%	81,314	2 83%	67,109	(14,205)
	Brown CT 6	22,456	3 45%	775	2 88%	647	(128)
	Brown CT 7	23,048	3 33%	767	2 89%	665	(102)
	Trimble County CT 5	8,937	3 43%	307	3 24%	290	(17)
	Trimble County CT 7	5,205	3 43%	179	3 13%	163	(16)
	Trimble County CT 8	5,183	3 43%	178	3 13%	162	(16)
	Trimble County CT 9	5,328	3 43%	183	3 12%	166	(17)
	Trimble County CT 10	5,316	3 43%	182	3 12%	166	(16)
	Total Account 346	3,707,325		127,119		105,039	(22,080)
	Total Other Production Plant	225,090,309		7,473,988		9,604,463	2,130,475
	TRANSMISSION PLANT						
350 10	Land Rights	2,592,774	1 31%	33,965	4 30%	111,617	77,652
352 10	Structures & Improvements	3,426,228	2 02%	69,210	1 42%	48,654	(20,556)
353 10	Station Equipment - Project 289	1,108,850	2 25%	24,949	1 59%	17,631	(7,318)
353 10	Station Equipment	131,137,737	2 10%	2,753,892	1 59%	2,088,996	(664,896)
354 00	Towers & Fixtures	24,705,992	2 40%	592,944	1 58%	389,647	(203,297)
355 00	Poles & Fixtures	32,698,137	2 95%	964,595	3 69%	1,206,886	242,291
356 00	Overhead Conductors & Devices - Project 289	16,390	2 25%	369	3 14%	515	146
356 00	Overhead Conductors & Devices	36,302,922	2 91%	1,056,415	3 14%	1,141,194	84,779
357 00	Underground Conduit	1,880,752	1 98%	37,239	2 13%	40,125	2,886
358 00	Underground Conductors & Devices	5,303,989	2 47%	131,009	4 21%	223,050	92,041
	Total Transmission Plant	239,173,771		5,664,587		5,268,315	(396,272)
	DISTRIBUTION PLANT						
361 00	Substation Structures	6,416,608	2 21%	141,807	1 16%	74,470	(67,337)
362 10	Substation Equipment	85,588,876	2 57%	2,199,634	1 91%	1,634,064	(565,570)
364 00	Poles Towers & Fixtures	103,127,753	3 55%	3,661,035	3 59%	3,699,821	38,786
365 00	Overhead Conductors &Devices	173,009,057	3 82%	6,608,946	3 92%	6,781,534	172,588
366 00	Underground Conduit	61,734,266	1 49%	919,841	1 34%	828,666	(91,175)
367 00	Underground Conductors & Devices	90,008,517	3 08%	2,772,262	2 24%	2,012,085	(760,177)
368 10	Line Transformers	97,340,133	2 70%	2,628,184	2 90%	2,825,743	197,559
368 20	Line Transformer Installations	10,642,210	2 70%	287,340	2 90%	308,624	21,284
369 10	Underground Services	3,524,148	3 21%	113,125	3 29%	116,035	2,910
369 20	Overhead Services	21,039,201	4 46%	938,348	5 99%	1,259,875	321,527
370 10	Meters	25,560,632	3 37%	861,393	4 73%	1,209,375	347,982
370 20	Meter Installations	8,822,038	3 37%	297,303	4 73%	417,282	119,979
373 10	Overhead Street Lighting	23,772,668	5 93%	1,409,719	3 84%	912,711	(497,008)
373 20	Underground Streetlighting	40,882,603	4 34%	1,774,305	3 94%	1,609,793	(164,512)
373 40	Street lighting Trandformers	87,546	0 00%	-	0 00%	-	-
	Total Distribution Plant	751,556,256		24,613,242		23,690,078	(923,164)
	GENERAL PLANT						
392 20	Transportation Equip Trailers	587,518	2 60%	15,275	3 84%	22,560	7,285
394 00	Tools, Shop, and Garage Equipment	3,155,933	3 50%	110,458	4 39%	138,637	28,179

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Account No.	Description	Original Cost 12/31/2006	Current Rates Rate	Current Rates Annual Accrual	Proposed Rates Rate	Proposed Rates Annual Accrual	Increase or (Decrease)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
395.00	Laboratory Equipment	1,503,831	2.70%	40,603	30.32%	455,981	415,378
396.20	Power operated Equipment Other	51,068	2.11%	1,078	3.83%	1,957	879
	Total General Plant	5,298,350		167,414		619,135	451,721
	Total Depreciable Plant	3,172,229,289		94,634,359		111,403,673	16,769,314
	NONDEPRECIABLE PLANT						
301.00	Intangible Plant	2,240					
302.00	Francises and Consents	100					
310.10	Land	6,303,853					
330.10	Land	13					
340.10	Land	49,259					
350.10	Land	888,238					
360.10	Land	1,984,544					
	Total Nondepreciable Plant	9,228,248					
	ACCOUNTS NOT STUDIED						
392.10	Transportation Equipment - Cars & Trucks	9,303,253					
396.10	Power Operated Equipment - Hourly Rated	2,285,136					
	Total Accounts Not Studied	11,588,389					
	Total Electric Plant	3,193,045,925					

Louisville Gas and Electric Company
Comparison of Current to Recommended Depreciation Rates
Plant in Service as of December 31, 2006
Gas Plant

Account No.	Description	Original Cost 12/31/2006	Current Rates Rate	Current Rates Annual Accrual	Proposed Rates Rate	Proposed Rates Annual Accrual	Increase or (Decrease)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	UNDERGROUND STORAGE PLANT						
350.20	Rights of Way	63,678	0.00%	-	0.00%	-	-
351.20	Compressor Station Structures	1,696,319	2.45%	41,560	1.68%	28,509	(13,051)
351.30	Reg Station Structures	10,880	0.00%	-	0.00%	-	-
351.40	Other Structures	1,236,356	1.74%	21,513	1.07%	13,172	(8,341)
352.40	Well Drilling	2,622,898	1.67%	43,802	0.44%	11,504	(32,298)
352.50	Well Equipment	6,142,763	2.35%	144,355	4.05%	248,732	104,377
352.10	Storage Leaseholds & Rights	548,241	2.22%	12,171	0.00%	-	(12,171)
352.20	Reservoirs	400,511	0.69%	2,764	0.00%	-	(2,764)
352.30	Nonrecoverable Natural Gas	9,648,855	1.73%	166,925	0.92%	88,298	(78,627)
353.00	Lines	12,786,745	2.53%	323,505	2.12%	271,652	(51,853)
354.00	Compressor Station Equipment	13,961,770	1.78%	248,520	1.47%	205,495	(43,025)
355.00	Measuring & Regulating Equipment	387,809	1.54%	5,972	1.72%	6,677	705
356.00	Purification Equipment	9,934,257	3.50%	347,699	2.44%	241,956	(105,743)
357.00	Other Equipment	1,033,212	2.49%	25,727	2.81%	29,031	3,304
	Total Underground Storage Plant	60,474,294		1,384,512		1,145,026	(239,486)
	TRANSMISSION PLANT						
365.20	Rights of Way	220,659	1.68%	3,707	0.30%	655	(3,052)
367.00	Mains	12,673,432	1.68%	212,914	0.44%	56,156	(156,758)
	Total Transmission Plant	12,894,091		216,621		56,811	(159,810)
	DISTRIBUTION PLANT						
374.22	Land Rights	74,018	2.95%	2,184	0.04%	28	(2,156)
375.10	City Gate Structures	224,019	3.59%	8,042	1.23%	2,764	(5,278)
375.20	Other Distribution Structures	505,355	3.34%	16,879	7.71%	38,955	22,076
376.00	Mains	262,334,574	2.23%	5,850,061	2.16%	5,656,026	(194,035)
378.00	Measuring and Reg Equipment	7,853,390	3.03%	237,958	3.68%	288,766	50,808
379.00	Meas & Reg Equipment - City Gate	3,846,545	3.14%	120,782	2.96%	113,941	(6,841)
380.00	Services	125,366,091	4.25%	5,328,059	5.03%	6,308,119	980,060
381.00	Meters	21,171,720	3.11%	658,440	5.21%	1,103,358	444,918
382.00	Meter Installations	9,136,341	3.22%	294,190	11.17%	1,020,340	726,150
383.00	House Regulators	4,598,092	2.42%	111,274	2.59%	119,212	7,938
384.00	House Regulator Installations	4,707,359	2.28%	107,328	3.17%	149,262	41,934
385.00	Industrial Meas & Reg Station Equip	159,362	3.62%	5,769	1.07%	1,699	(4,070)
387.00	Other Equipment	51,112	2.36%	1,206	3.99%	2,038	832
	Total Distribution Plant	440,027,976		12,742,171		14,804,508	2,062,337
	GENERAL PLANT						
392.20	Trailers	474,814	4.49%	21,319	6.56%	31,171	9,852
394.00	Other Equipment	3,474,778	3.76%	130,652	4.68%	162,575	31,923
395.00	Laboratory Equipment	439,513	3.16%	13,889	36.02%	158,291	144,402
396.20	Power Operated Equipment Other	53,369	2.99%	1,596	3.25%	1,733	137
	Total General Plant	4,442,475		167,455		353,770	186,315
	Total Depreciable Plant	517,838,836		14,510,759		16,360,115	1,849,356
	NONDEPRECIABLE PLANT						
302.00	Franchises and Consents	1,187					
350.10	Land	32,864					
374.11	Land	7,587					
374.12	Land	54,457					
	Total Nondepreciable Plant	96,095					
	ACCOUNTS NOT STUDIED						
392.10	Transportation Equipment - Cars & Trucks	2,912,872					
396.10	Power Operated Equipment - Hourly Rated	2,990,887					
	Total Accounts Not Studied	5,903,759					
	Total Gas Plant	523,838,690					

Louisville Gas and Electric Company
Comparison of Current to Recommended Depreciation Rates
Plant in Service as of December 31, 2006
Common Plant

Account No.	Description	Original Cost 12/31/2006	Current Rates Rate	Current Rates Annual Accrual	Proposed Rates Rate	Proposed Rates Annual Accrual	Increase or (Decrease)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	GENERAL PLANT						
390.10	Structures and Improvements - BOC	18,259,866	2.18%	398,065	4.01%	732,221	334,156
390.10	Structures and Improvements - LG&E Building	1,482,088	8.00%	118,567	4.01%	59,432	(59,135)
390.10	Structures and Improvements - BOC (Actors)	493,943	10.00%	49,394	4.01%	19,807	(29,587)
390.10	Structures and Improvements	29,089,097	2.18%	634,142	4.01%	1,164,129	529,986
390.20	Structures and Improvements - Transportation	431,574	2.14%	9,236	29.19%	125,961	116,725
390.30	Structures and Improvements - Stores	10,929,116	2.09%	228,419	1.72%	188,048	(40,371)
390.40	Structures and Improvements - Shops	589,467	1.96%	11,554	1.46%	8,624	(2,930)
390.60	Structures and Improvements - Microwave	855,653	2.09%	17,883	2.67%	22,838	4,955
391.10	Office Furniture	12,512,975	3.43%	429,195	6.06%	758,143	328,948
391.20	Office Equipment	3,342,047	3.43%	114,632	8.89%	297,134	182,502
391.30	Computer Equipment - Non PC	19,219,231	20.00%	3,843,846	22.05%	4,237,208	393,362
391.31	Personal Computers	1,217,943	33.34%	406,062	26.19%	319,003	(87,059)
391.40	Security Equipment	2,554,508	3.43%	87,620	6.99%	178,458	90,838
392.20	Trailers	63,404	2.67%	1,693	3.50%	2,221	528
393.00	Stores Equipment	1,210,653	2.75%	33,293	5.60%	67,785	34,492
394.00	Other Equipment	3,470,364	2.97%	103,070	5.17%	179,536	76,466
395.00	Laboratory Equipment	22,282	2.59%	577	61.24%	13,645	13,068
396.20	Power Operated Equipment Other	14,147	2.51%	355	4.64%	656	301
397.00	Communications Equipment	36,367,603	3.72%	1,352,875	12.00%	4,365,671	3,012,796
397.10	Comm. Equip. - Computer	5,784,754	3.72%	215,193	0.90%	51,982	(163,211)
398.00	Miscellaneous Equipment	594,390	3.97%	23,597	34.63%	205,861	182,264
	Total Depreciable Plant	148,505,106		8,079,268		12,998,362	4,919,094
	NONDEPRECIABLE PLANT						
301.00	Organization	83,782					
302.00	Franchises and Consents	4,200					
389.10	Land	1,711,503					
389.20	Land Rights	202,095					
	Total Nondepreciable Plant	2,001,580					
	ACCOUNTS NOT STUDIED						
303.00	Miscellaneous Intangible Plant - Software	28,789,523					
392.10	Transportation Equipment - Cars & Trucks	132,669					
396.10	Power Operated Equipment - Hourly Rated	258,314					
	Total Accounts Not Studied	29,180,506					
	Total Common Plant	179,687,193					

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF LOUISVILLE GAS AND ELECTRIC COMPANY TO FILE DEPRECIATION STUDY	)))	CASE NO. 2007-____

DIRECT TESTIMONY OF SHANNON L. CHARNAS DIRECTOR OF UTILITY ACCOUNTING AND REPORTING E.ON U.S. SERVICES, INC.

Filed: December 28, 2007

Q. Please state your name and business address.

A. My name is Shannon L. Charnas. I am currently employed as the Director of Utility Accounting and Reporting for E.ON U.S. Services, Inc., which provides services to Louisville Gas and Electric Company ("LG&E") and Kentucky Utilities Company ("KU") (collectively, the "Companies"). My business address is 220 West Main Street, Louisville, Kentucky 40202. A complete statement of my education and work experience is attached to this testimony as Appendix A.

Q. Have you previously testified before this Commission?

A. Yes. I testified in the Companies' 2006 Environmental Surcharge Compliance Plan proceedings, Case Nos. 2006-00206 and 2006-00208.

Q. What is the purpose of your testimony in these proceedings?

A. The purpose of my testimony is to describe the reasons LG&E elected: (1) to choose John J. Spanos of Gannett Fleming, Inc., to conduct LG&E's new depreciation study; and (2) to accept Mr. Spanos's recommended methodology to calculate new depreciation rates.

Q. Why did LG&E choose John J. Spanos of Gannett Fleming, Inc., to conduct its new depreciation study?

A. As described in the curriculum vitae attached to Mr. Spanos's testimony, Mr. Spanos has extensive experience in the regulated utility accounting field, and particularly in the area of depreciation rates. Moreover, Mr. Spanos has presented depreciation studies to, and testified before, this Commission, such as in Union Light, Heat and Power Company's 2005 gas base rate proceeding, Case No. 2005-00042 and 2006 electric base rate proceeding, Case No. 2006-00172.

Q. What did LG&E ask Mr. Spanos to do?

A. LG&E asked Mr. Spanos, using data from NewEnergy, LLC's generation asset life assessment analysis of LG&E's assets and his extensive experience in depreciation studies, to perform an independent depreciation study to determine if LG&E's depreciation rates accurately reflect the actual depreciation of LG&E's assets; if not, Mr. Spanos would recommend depreciation rates that would account for the actual depreciation of LG&E's assets.

Q. What did Mr. Spanos find and recommend?

A. Mr. Spanos found that LG&E's depreciation rates do not accurately reflect the actual depreciation of LG&E's assets. He studied the Average Service Life ("ASL") and Equal Life Group ("ELG") methodologies for determining depreciation rates and recommended that LG&E use the ELG methodology along with the straight line remaining life method of depreciation.

Q. Why did LG&E accept Mr. Spanos's recommendation to use the ELG methodology in its new depreciation study?

A. LG&E accepted, and LG&E's depreciation study reflects, Mr. Spanos's recommendation to use the ELG methodology to determine the remaining life annual accrual for each property group. The ELG methodology better matches the actual depreciation of LG&E's assets with the depreciation expense shown on LG&E's books and in its rates. In the ELG methodology, a property group is subdivided according to service life. That is, each equal life group includes that portion of the property that has the expected service life of that particular group. The relative size of each equal life group is determined from the property's life dispersion curve. The calculated depreciation for the property group is the summation of the calculated depreciation based on the service life of each equal life

unit.

Q. What precedent is there for using the ELG methodology in conducting depreciation studies?

A. ELG is an established and accepted method recognized in the National Association of Regulatory Utility Commissioners publication, Public Utility Depreciation Practices.[1] Also, this Commission approved depreciation rates calculated using the ELG methodology in Union Light, Heat, and Power Company's electric and gas base rate proceedings.[2]

Q. Did the ELG methodology show a mismatch between LG&E's current depreciation rates and the actual depreciation of LG&E's assets?

A. Yes, the ELG methodology showed a significant mismatch between LG&E's current depreciation rates and the actual depreciation of LG&E's assets. In fact, the ELG methodology showed that LG&E's annual depreciation expense should increase by $23.5 million on assets in service as of December 31, 2006, in order to reflect more accurately the actual depreciation of its assets.

Q. How will customers benefit from LG&E's use of the ELG methodology?

A. The new depreciation rates, using the Equal Life Group methodology, provide a better distribution of the unrecovered cost of the assets over the remaining useful lives compared to current depreciation rates. Customers will benefit by better matching depreciation expense with the actual depreciation of LG&E's assets based on a recent

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[1] *See id.* at 165-186.

[2] *In the Matter of an Adjustment of the Gas Rates of the Union Light, Heat and Power Company*, Case No. 2005-00042, Order at 30-36 (Dec. 22, 2005) ("The new depreciation rates were calculated using the equal life group depreciation procedure, the straight-line method, and the remaining life basis."). *In the Matter of an Adjustment of Electric Rates of the Union Light, Heat and Power Company d/b/a Duke Energy Kentucky, Inc.*, Case No. 2006-00172, Order (Dec. 21, 2006).

generating asset life assessment analysis performed by NewEnergy Associates, LLC, thus removing generational inequities that result from depreciation mismatches. In particular, because LG&E's current depreciation rates are creating an inadequate depreciation expense as compared to actual depreciation, future customers will benefit by correcting depreciation rates because current customers, who benefit from LG&E's assets today, will bear the actual cost of the assets they use.

Q. Does this conclude your testimony?

A. Yes.

VERIFICATION

COMMONWEALTH OF KENTUCKY)
) **SS:**
COUNTY OF JEFFERSON)

The undersigned, **Shannon L. Charnas**, being duly sworn, deposes and says that she is Director, Utility Accounting and Reporting, for E.ON U.S. Services, Inc., that she has personal knowledge of the matters set forth in the foregoing testimony, and the answers contained therein are true and correct to the best of her information, knowledge and belief.

Shannon L Charnas

SHANNON L. CHARNAS

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 19th day of December 2007.

Tammy J. Elgin (SEAL)
Notary Public

My Commission Expires:
November 9, 2010

APPENDIX A

Shannon L. Charnas
Director, Utility Accounting & Reporting
E.ON U.S. Services Inc.
220 West Main Street
Louisville, KY 40202
(502) 627-4978

Professional Memberships

American Institute of Certified Public Accountants
Kentucky Society of Certified Public Accountants

Education

University of Louisville, Masters of Business Administration, 2000
University of Wisconsin Oshkosh, Bachelor of Business Administration with Majors in Accounting and Management Information Systems, 1993
Certified Public Accountant, Kentucky, 1995

Previous Positions

E.ON U.S.

2001 (Mar) - 2005 (Feb)- Manager, Finance & Budgeting - Energy Services
1999 (Sept) - 2001 (Apr) - Senior Budget Analyst
1995 (Aug) - 1999 (Sept) - Accounting Analyst, various positions

Arthur Andersen LLP

1995 – Senior Auditor
1993 – 1994 – Audit Staff

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF LOUISVILLE GAS AND ELECTRIC COMPANY TO FILE DEPRECIATION STUDY	)))	CASE NO. 2007-____

DIRECT TESTIMONY OF ROBERT M. CONROY MANAGER, RATES E.ON U.S. SERVICES, INC.

Filed: December 28, 2007

Q. Please state your name and business address.

A. My name is Robert M. Conroy. I am currently employed as Manager, Rates for E.ON U.S. Services, Inc., which provides services to Louisville Gas and Electric Company ("LG&E") and Kentucky Utilities Company ("KU") (collectively, the "Companies"). My business address is 220 West Main Street, Louisville, Kentucky 40202. A complete statement of my education and work experience is attached to this testimony as Appendix A.

Q. Have you previously testified before this Commission?

A. Yes. I have testified several times, including in the Companies' most recent fuel adjustment clause two-year review proceedings, Case Nos. 2006-00509 and 2006-00510.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is: (1) to provide an overview of LG&E's filing; (2) to provide a history of the Commission proceedings that have led up to this filing; (3) to provide a high-level understanding of what the rate impact of the new depreciation rates will be; (4) to discuss why LG&E believes the Commission should approve implementing the new depreciation rates during LG&E's next base rate case; and (5) to recommend respectfully that the Commission approve LG&E's Application as-filed.

Q. Please provide a brief overview of LG&E's filing in this proceeding.

A. LG&E's filing includes an Application requesting that the Commission issue an order to approve the proposed depreciation rates for accounting and ratemaking purposes concurrent with LG&E's next change in gas and electric base rates pursuant to a Commission Order in a base rate proceeding filed by LG&E. In support of LG&E's Application is testimony from Shannon Charnas, which describes the reasons LG&E

elected to accept the recommendation of its consultant, John J. Spanos of Gannett Fleming, Inc., for new depreciation rates. Also in support of the Application is Mr. Spanos's testimony, which provides details of the depreciation study he supervised for LG&E, and which presents the study as an exhibit to his testimony, Exhibit JJS-LG&E.

Q. Which past Commission proceedings bear upon LG&E's filing in this proceeding?

A. On December 3, 2001, the Commission issued an Order approving LG&E's current depreciation rates in Case No. 2001-00141, which was part of a larger "Global Settlement" of several regulatory cases.[1]

LG&E filed a new depreciation study as part of its 2003 rate case application (Case No. 2003-00433), filed December 29, 2003. As part of the settlement agreement in that proceeding, the depreciation rates LG&E proposed were withdrawn, and LG&E agreed to conduct a new depreciation study and file it with the Commission in its next general rate case or June 30, 2007, whichever occurred earlier.[2] As a result of the settlement agreement approved by the Commission in that case, LG&E's depreciation rates remained the same as those established in Case No. 2001-00141.[3]

Subsequently, on July 9, 2006, the Companies filed a joint application for time extension seeking authorization to file the new depreciation studies by December 31, 2007 based upon utility plant in service as of December 31, 2006.[4] On July 27, 2006, the Commission issued an Order approving the requested time extension.

LG&E submits the depreciation study contained in this filing in fulfillment of its

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[1] *In the Matter of: Application of Louisville Gas and Electric Company for an Order Approving Revised Depreciation Rates.*

[2] *In the Matter of: An Adjustment of the Gas and Electric Rates, Terms, and Conditions of Louisville Gas and Electric Company*, Case No. 2003-00433, Order at 34-35 (June 30, 2004).

[3] *See id.* at Appx. C at 6 (Settlement Agreement, Article III, Section 3.3).

[4] *In the Matter of: Joint Petition by Application of Louisville Gas and Electric Company and Kentucky Utilities Company for Enlargement of Time to File Depreciation Studies*, Case No. 2006-00283.

obligation to do so, as most recently iterated in the Commission's July 27, 2006 Order in Case No. 2006-00283.

Q. What will be the impact of the depreciation rates set out in LG&E's new depreciation study?

A. As explained at length in Mr. Spanos's testimony and more briefly in Ms. Charnas's testimony, the depreciation rates set out in LG&E's new depreciation study will result in an increase of $23.5 million in LG&E's depreciation expense for assets recorded as of December 31, 2006. A comparison of the current to proposed depreciation rates is attached to the Application as Application Exhibit 2.

Q. Why does LG&E recommend delaying implementing the new depreciation rates until LG&E's next base rate proceeding?

A. LG&E believes that it and its customers will be best served by addressing depreciation rates along with other base rate items that are affected by depreciation rates in a single and comprehensive proceeding. Therefore, LG&E respectfully requests the Commission to defer review of the depreciation rates recommended in the study and to approve revised depreciation rates for accounting and ratemaking purposes concurrent with LG&E's next change in base rates pursuant to a Commission Order in a base rate proceeding filed by LG&E. LG&E anticipates filing a new base rate application during the 2008 calendar year, so there should not be any undue delay associated with implementing new depreciation rates, and the study will still be sufficiently current.

Q. When will the new depreciation rates be used to calculate LG&E's environmental surcharge factor?

A. For environmental surcharge calculations, the new depreciation rates will be used

prospectively beginning with the first monthly surcharge filing after the date of the Order approving the implementation of new depreciation rates by the Commission.

Q. What is your recommendation to the Commission?

A. I recommend that the Commission issue an order to approve the proposed depreciation rates for accounting and ratemaking purposes concurrent with LG&E's next change in base rates pursuant to a Commission Order in a base rate proceeding filed by LG&E.

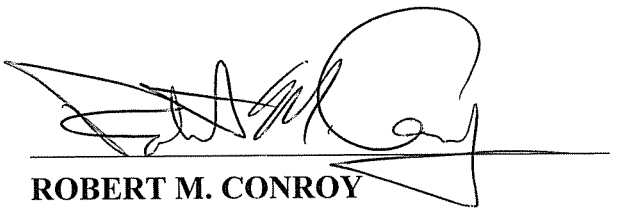
Q. Does this conclude your testimony?

A. Yes.

VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Manager, Rates for E.ON U.S. Services, Inc., that he has personal knowledge of the matters set forth in the foregoing testimony, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



ROBERT M. CONROY

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 19th day of December 2007.

Tammy J. Elgy (SEAL)
Notary Public

My Commission Expires:
November 9, 2010

APPENDIX A

Robert M. Conroy

Manager, Rates
E.ON U.S. Services Inc.
220 West Main Street
Louisville, Kentucky 40202
(502) 627-3324

Education

Masters of Business Administration

Indiana University (Southeast campus), December 1998. GPA: 3.9.

Bachelor of Science in Electrical Engineering;
Rose Hulman Institute of Technology, May 1987. GPA: 3.3

Essentials of Leadership, London Business School, 2004.

Center for Creative Leadership, Foundations in Leadership program, 1998.

Registered Professional Engineer in Kentucky, 1995.

Previous Positions

Manager, Generation Systems Planning	Feb. 2001 – April 2004
Group Leader, Generation Systems Planning	Feb. 2000 – Feb. 2001
Lead Planning Engineer	Oct. 1999 – Feb. 2000
Consulting System Planning Analyst	April 1996 – Oct. 1999
System Planning Analyst III & IV	Oct. 1992 - April 1996
System Planning Analyst II	Jan. 1991 - Oct. 1992
Electrical Engineer II	Jun. 1990 - Jan. 1991
Electrical Engineer I	Jun. 1987 - Jun. 1990

Professional/Trade Memberships

Registered Professional Engineer in Kentucky, 1995.

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF LOUISVILLE GAS AND ELECTRIC COMPANY TO FILE DEPRECIATION STUDY	)))	CASE NO. 2007-_____

DIRECT TESTIMONY OF

JOHN J. SPANOS

ON BEHALF OF

LOUISVILLE GAS AND ELECTRIC COMPANY

Filed: December 28, 2007

TABLE OF CONTENTS

I. INTRODUCTION AND PURPOSE

Q. PLEASE STATE YOUR NAME AND ADDRESS.

A. My name is John J. Spanos. My business address is 207 Senate Avenue, Camp Hill, Pennsylvania.

Q. ARE YOU ASSOCIATED WITH ANY FIRM?

A. Yes. I am associated with the firm of Gannett Fleming, Inc.

Q. HOW LONG HAVE YOU BEEN ASSOCIATED WITH GANNETT FLEMING, INC.?

A. I have been associated with the firm since college graduation in June, 1986.

Q. WHAT IS YOUR POSITION WITH THE FIRM?

A. I am a Vice President.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I have Bachelor of Science degrees in Industrial Management and Mathematics from Carnegie-Mellon University and a Master of Business Administration from York College.

Q. DO YOU BELONG TO ANY PROFESSIONAL SOCIETIES?

A. Yes. I am a member of the Society of Depreciation Professionals and the American Gas Association/Edison Electric Institute Industry Accounting Committee.

Q. DO YOU HOLD ANY SPECIAL CERTIFICATION AS A DEPRECIATION EXPERT?

A. Yes. The Society of Depreciation Professionals has established national standards for depreciation professionals. The Society administers an examination to become certified in this field. I passed the certification exam in September 1997 and was recertified in August 2003.

Q. PLEASE OUTLINE YOUR EXPERIENCE IN THE FIELD OF DEPRECIATION.

A. In June, 1986, I was employed by Gannett Fleming Valuation and Rate Consultants, Inc. as a Depreciation Analyst. During the period from June, 1986 through December, 1995, I helped prepare numerous depreciation and original cost studies for utility companies in various industries. I helped perform depreciation studies for the following telephone companies: United Telephone of Pennsylvania, United Telephone of New Jersey and Anchorage Telephone Utility. I helped perform depreciation studies for the following companies in the railroad industry: Union Pacific Railroad, Burlington Northern Railroad and Wisconsin Central Transportation Corporation.

I helped perform depreciation studies for the following organizations in the electric industry: Chugach Electric Association, The Cincinnati Gas and Electric Company (CG&E), The Union Light, Heat and Power Company (ULH&P), Northwest Territories Power Corporation and the City of Calgary - Electric System.

I helped perform depreciation studies for the following pipeline companies: TransCanada Pipelines Limited, Trans Mountain Pipe Line Company Ltd., Interprovincial Pipe Line Inc., Nova Gas Transmission Limited and Lakehead Pipeline Company.

I helped perform depreciation studies for the following gas companies: Columbia Gas of Pennsylvania, Columbia Gas of Maryland, The Peoples Natural Gas Company, T. W. Phillips Gas & Oil Company, CG&E, ULH&P, Lawrenceburg Gas Company and Penn Fuel Gas, Inc.

I helped perform depreciation studies for the following water companies: Indiana-American Water Company, Consumers Pennsylvania Water Company and The York Water

Company; and depreciation and original cost studies for Philadelphia Suburban Water Company and Pennsylvania-American Water Company.

In each of the above studies, I assembled and analyzed historical and simulated data, performed field reviews, developed preliminary estimates of service life and net salvage, calculated annual depreciation, and prepared reports for submission to state Public Utility Commissions or federal regulatory agencies. I performed these studies under the general direction of William M. Stout, P.E.

In January, 1996, I was assigned to the position of Supervisor of Depreciation Studies. In July, 1999, I was promoted to the position of Manager, Depreciation and Valuation Studies. In December, 2000, I was promoted to my present position as Vice-President of Gannett Fleming Valuation and Rate Consultants, Inc. and I became responsible for conducting all depreciation, valuation and original cost studies, including the preparation of final exhibits and responses to data requests for submission to the appropriate regulatory bodies.

Since January 1996, I have conducted depreciation studies similar to those previously listed including assignments for Pennsylvania American Water Company; Aqua Pennsylvania; Kentucky American Water Company; Virginia American Water Company; Indiana American Water Company; Hampton Water Works Company, Omaha Public Power District, Enbridge Pipe Line Company, Inc., Columbia Gas of Virginia, Inc., Virginia Natural Gas Company, National Fuel Gas Distribution Corporation - New York and Pennsylvania Divisions, The City of Bethlehem - Bureau of Water, The City of Coatesville Authority, The City of Lancaster - Bureau of Water, Peoples Energy Corporation, The York Water Company, Public Service Company of Colorado, Enbridge

Pipelines, Enbridge Gas Distribution, Inc., Reliant Energy-HLP, Massachusetts-American Water Company, St. Louis County Water Company, Missouri-American Water Company, Chugach Electric Association, Alliant Energy, Oklahoma Gas & Electric Company, Nevada Power Company, Dominion Virginia Power, NUI-Virginia Gas Companies, Pacific Gas & Electric Company, PSI Energy, NUI - Elizabethtown Gas Company, Cinergy Corporation – CG&E, Cinergy Corporation – ULH&P, Columbia Gas of Kentucky, SCANA, Inc., Idaho Power Company, El Paso Electric Company, Central Hudson Gas & Electric, Centennial Pipeline Company, CenterPoint Energy-Arkansas, CenterPoint Energy – Oklahoma, CenterPoint Energy – Entex, CenterPoint Energy - Louisiana, NSTAR – Boston Edison Company, Westar Energy, Inc., PPL Electric Utilities; PPL Gas Utilities; Wisconsin Power & Light Company; TransAlaska Pipeline; Avista Corporation; Northwest Natural Gas; Allegheny Energy Supply, Inc.; Public Service Company of North Carolina; South Jersey Gas Company, Duquesne Light Company, MidAmerican Energy Company, Laclede Gas, Duke Energy Company, Duke Energy Carolinas, Duke Energy Ohio Gas, Duke Energy Kentucky, Bonneville Power Administration, NSTAR Electric and Gas Company, EPCOR Distribution, Inc. and B. C. Gas Utility, Ltd. My additional duties include determining final life and salvage estimates, conducting field reviews and presenting recommended depreciation rates to management for their consideration.

Q. HAVE YOU SUBMITTED TESTIMONY TO ANY STATE UTILITY COMMISSION ON THE SUBJECT OF UTILITY PLANT DEPRECIATION?

A. Yes. I have submitted testimony to the Pennsylvania Public Utility Commission, the Commonwealth of Kentucky Public Service Commission, the Public Utilities Commission of Ohio, the Nevada Public Utility Commission, the Public Utilities Board of New Jersey,

the Missouri Public Service Commission, the Massachusetts Department of Telecommunications and Energy, the Alberta Energy & Utility Board, the Idaho Public Utility Commission, the Louisiana Public Service Commission, the State Corporation Commission of Kansas, the Oklahoma Corporate Commission, the Public Service Commission of South Carolina, Railroad Commission of Texas – Gas Services Division, the New York Public Service Commission, Illinois Commerce Commission, the Indiana Utility Regulatory Commission, the California Public Utilities Commission, the Federal Energy Regulatory Commission ("FERC"), the Arkansas Public Service Commission, the Public Utility Commission of Texas, the Regulatory Commission of Alaska, and the North Carolina Utilities Commission.

Q. HAVE YOU HAD ANY ADDITIONAL EDUCATION RELATING TO UTILITY PLANT DEPRECIATION?

A. Yes. I have completed the following courses conducted by Depreciation Programs, Inc.: "Techniques of Life Analysis," "Techniques of Salvage and Depreciation Analysis," "Forecasting Life and Salvage," "Modeling and Life Analysis Using Simulation" and "Managing a Depreciation Study." I have also completed the "Introduction to Public Utility Accounting" program conducted by the American Gas Association.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

A. I sponsor the depreciation study performed for Louisville Gas and Electric Company attached hereto as Exhibit JJS-LG&E.

II. DEPRECIATION STUDY

Q. PLEASE DEFINE THE CONCEPT OF DEPRECIATION.

A. Depreciation refers to 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 can be reasonably anticipated or contemplated, against which the Company is not protected by insurance. Among the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand and the requirements of public authorities.

Q. DID YOU PREPARE THE DEPRECIATION STUDY FILED BY LOUISVILLE GAS AND ELECTRIC COMPANY IN THIS PROCEEDING?

A. Yes. I prepared the depreciation study submitted by Louisville Gas and Electric Company with its filing in this proceeding. My report is entitled: "Depreciation Study - Calculated Annual Depreciation Accruals Related to Electric, Gas and Common Plant as of December 31, 2006." This report sets forth the results of my depreciation study for Louisville Gas and Electric Company.

Q. IN PREPARING THE DEPRECIATION STUDY, DID YOU FOLLOW GENERALLY ACCEPTED PRACTICES IN THE FIELD OF DEPRECIATION VALUATION?

A. Yes.

Q. ARE THE METHODS AND PROCEDURES OF THIS DEPRECIATION STUDY CONSISTENT WITH PAST PRACTICES?

A. The methods of this study are the same as those utilized in past studies of this Company as well as many others before this Commission. However, the depreciation procedure utilized in this study represents a change for this Company, but has been approved by this Commission in other proceedings.

Q. PLEASE DESCRIBE THE CONTENTS OF YOUR REPORT.

A. My report is presented in three parts. Part I, Introduction, presents the scope and basis for the depreciation study. Part II, Methods Used in Study, includes descriptions of the basis of the study, the estimation of survivor curves and net salvage and the calculation of annual and accrued depreciation. Part III, Results of Study, presents a description of the results, summaries of the depreciation calculations, graphs and tables that relate to the service life and net salvage analyses, and the detailed depreciation calculations.

The table on pages III-4 through III-12 presents the estimated survivor curve, the net salvage percent, the original cost as of December 31, 2006, the book reserve and the calculated annual depreciation accrual and rate for each account or subaccount. The section beginning on page III-13 presents the results of the retirement rate analyses prepared as the historical bases for the service life estimates. The section beginning on page III-298 presents the results of the salvage analysis. The section beginning on page III-426 presents the depreciation calculations related to surviving original cost as of December 31, 2006.

Q. PLEASE EXPLAIN HOW YOU PERFORMED YOUR DEPRECIATION STUDY.

A. I used the straight line remaining life method of depreciation, with the equal life group procedure. The annual depreciation is based on a method of depreciation accounting that seeks to distribute the unrecovered cost of fixed capital assets over the estimated remaining useful life of each unit, or group of assets, in a systematic and reasonable manner.

For General Plant Accounts 394 and 395 in electric plant, 394 and 395 in gas plant and 391.1, 391.2, 391.3, 391.31, 391.4, 393, 394, 395, 397, 397.1 and 398 in common plant I used the straight line remaining life method of amortization. The account numbers

identified throughout my testimony represent those in effect as of December 31, 2006. The annual amortization is based on amortization accounting that distributes the unrecovered cost of fixed capital assets over the remaining amortization period selected for each account and vintage.

Q. HOW DID YOU DETERMINE THE RECOMMENDED ANNUAL DEPRECIATION ACCRUAL RATES?

A. I did this in two phases. In the first phase, I estimated the service life and net salvage characteristics for each depreciable group, that is, each plant account or subaccount identified as having similar characteristics. In the second phase, I calculated the composite remaining lives and annual depreciation accrual rates based on the service life and net salvage estimates determined in the first phase.

Q. PLEASE DESCRIBE THE FIRST PHASE OF THE DEPRECIATION STUDY, IN WHICH YOU ESTIMATED THE SERVICE LIFE AND NET SALVAGE CHARACTERISTICS FOR EACH DEPRECIABLE GROUP.

A. The service life and net salvage study consisted of compiling historical data from records related to Louisville Gas and Electric Company's plant; analyzing these data to obtain historical trends of survivor characteristics; obtaining supplementary information from management and operating personnel concerning practices and plans as they relate to plant operations; and interpreting the above data and the estimates used by other electric and gas utilities to form judgments of average service life and net salvage characteristics.

Q. WHAT HISTORICAL DATA DID YOU ANALYZE FOR THE PURPOSE OF ESTIMATING SERVICE LIFE CHARACTERISTICS?

A. I analyzed the Company's accounting entries that record plant transactions during the period 1901 through 2006. The transactions included additions, retirements, transfers, sales and the related balances.

Q. WHAT METHOD DID YOU USE TO ANALYZE THIS SERVICE LIFE DATA?

A. I used the retirement rate method. This is the most appropriate method when retirement data covering a long period of time is available, because this method determines the average rates of retirement actually experienced by the Company during the period of time covered by the depreciation study.

Q. PLEASE DESCRIBE HOW YOU USED THE RETIREMENT RATE METHOD TO ANALYZE LOUISVILLE GAS AND ELECTRIC COMPANY'S SERVICE LIFE DATA.

A. I applied the retirement rate analysis to each different group of property in the study. For each property group, I used the retirement rate data to form a life table which, when plotted, shows an original survivor curve for that property group. Each original survivor curve represents the average survivor pattern experienced by the several vintage groups during the experience band studied. The survivor patterns do not necessarily describe the life characteristics of the property group; therefore, interpretation of the original survivor curves is required in order to use them as valid considerations in estimating service life. The Iowa type survivor curves were used to perform these interpretations.

Q. WHAT IS AN "IOWA-TYPE SURVIVOR CURVE" AND HOW DID YOU USE SUCH CURVES TO ESTIMATE THE SERVICE LIFE CHARACTERISTICS FOR EACH PROPERTY GROUP?

A. Iowa type curves are a widely-used group of survivor curves that contain the range of survivor characteristics usually experienced by utilities and other industrial companies. The Iowa curves were developed at the Iowa State College Engineering Experiment Station through an extensive process of observing and classifying the ages at which various types of property used by utilities and other industrial companies had been retired.

Iowa type curves are used to smooth and extrapolate original survivor curves determined by the retirement rate method. The Iowa curves and truncated Iowa curves were used in this study to describe the forecasted rates of retirement based on the observed rates of retirement and the outlook for future retirements.

The estimated survivor curve designations for each depreciable property group indicate the average service life, the family within the Iowa system to which the property group belongs, and the relative height of the mode. For example, the Iowa 45-R2 indicates an average service life of forty-five years; a right-moded, or R, type curve (the mode occurs after average life for right-moded curves); and a relatively low height, 2, for the mode (possible modes for R type curves range from 1 to 5).

Q. WHAT APPROACH DID YOU USE TO ESTIMATE THE LIVES OF SIGNIFICANT FACILITIES STRUCTURES SUCH AS PRODUCTION PLANTS?

A. I used the life span technique to estimate the lives of significant facilities for which concurrent retirement of the entire facility is anticipated. In this technique, the survivor characteristics of such facilities are described by the use of interim survivor curves and estimated probable retirement dates.

The interim survivor curves describe the rate of retirement related to the replacement of elements of the facility, such as, for a building, the retirements of plumbing,

heating, doors, windows, roofs, etc., that occur during the life of the facility. The probable retirement date provides the rate of final retirement for each year of installation for the facility by truncating the interim survivor curve for each installation year at its attained age at the date of probable retirement. The use of interim survivor curves truncated at the date of probable retirement provides a consistent method for estimating the lives of the several years of installation for a particular facility inasmuch as a single concurrent retirement for all years of installation will occur when it is retired.

Q. HAS GANNETT FLEMING USED THIS APPROACH IN OTHER PROCEEDINGS?

A. Yes, we have used the life span technique in performing depreciation studies presented to and accepted by many public utility commissions across the United States and Canada.

Q. WHAT ARE THE BASES FOR THE PROBABLE RETIREMENT YEARS THAT YOU HAVE ESTIMATED FOR EACH FACILITY?

A. The bases for the probable retirement years are life spans for each facility that are based on judgment, the life assessment study and incorporate consideration of the age, use, size, nature of construction, management outlook and typical life spans experienced and used by other electric utilities for similar facilities. Most of the life spans result in probable retirement years that are many years in the future. As a result, the retirements of these facilities are not yet subject to specific management plans. Such plans would be premature. At the appropriate time, detailed studies of the economics of rehabilitation and continued use or retirement of the structure will be performed and the results incorporated in the estimation of the facility's life span.

Q. DID YOU PHYSICALLY OBSERVE LOUISVILLE GAS AND ELECTRIC COMPANY'S PLANT AND EQUIPMENT AS PART OF YOUR DEPRECIATION STUDY?

A. Yes. I made field reviews of Louisville Gas and Electric Company's property during April and May 2007 to observe representative portions of plant. Field reviews are conducted to become familiar with Company operations and obtain an understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements. This knowledge as well as information from other discussions with management was incorporated in the interpretation and extrapolation of the statistical analyses.

Q. PLEASE DESCRIBE HOW YOU ESTIMATED NET SALVAGE PERCENTAGES.

A. I estimated the net salvage percentages by incorporating the historical data for the period 1972 through 2006 and considered estimates for other electric and gas companies.

Q. PLEASE DESCRIBE THE SECOND PHASE OF THE PROCESS THAT YOU USED IN THE DEPRECIATION STUDY IN WHICH YOU CALCULATED COMPOSITE REMAINING LIVES AND ANNUAL DEPRECIATION ACCRUAL RATES.

A. After I estimated the service life and net salvage characteristics for each depreciable property group, I calculated the annual depreciation accrual rates for each group, using the straight line remaining life method, and using remaining lives weighted consistent with the equal life group procedure.

Q. CAN YOU EXPLAIN WHY YOU RECOMMEND A CHANGE TO THE USE OF EQUAL LIFE GROUP PROCEDURE?

A. Yes. I have recommended a change in the depreciation procedure from the average service life procedure to the equal life group procedure because it reflects a more appropriate matching of capital recovery to asset utilization. The equal life group procedure is a more complex calculation as the recovery of the assets is determined by vintage. This makes the rate of depreciation more consistent with the usefulness of the asset over time.

Q. PLEASE DESCRIBE THE STRAIGHT LINE REMAINING LIFE METHOD OF DEPRECIATION.

A. The straight line remaining life method of depreciation allocates the original cost of the property, less accumulated depreciation, less future net salvage, in equal amounts to each year of remaining service life.

Q. PLEASE DESCRIBE THE EQUAL LIFE GROUP PROCEDURE.

A. The equal life group procedure is a method for determining the remaining life annual accrual for each vintage property group. Under this procedure, the future book accruals (original cost less book reserve) for each vintage are divided by the composite remaining life for the surviving original cost of that vintage. The vintage composite remaining life is derived by summing the original cost less the calculated reserve for each equal life group and dividing by the sum of the whole life annual accruals.

Q. PLEASE DESCRIBE AMORTIZATION ACCOUNTING.

A. In amortization accounting, units of property are capitalized in the same manner as they are in depreciation accounting. Amortization accounting is used for accounts with a large number of units, but small asset values, therefore, depreciation accounting is difficult for these assets because periodic inventories are required to properly reflect plant in service.

Consequently, retirements are recorded when a vintage is fully amortized rather than as the units are removed from service. That is, there is no dispersion of retirement. All units are retired when the age of the vintage reaches the amortization period. Each plant account or group of assets is assigned a fixed period which represents an anticipated life which the asset will render full benefit. For example, in amortization accounting, assets that have a 15-year amortization period will be fully recovered after 15 years of service and taken off the Company's books, but not necessarily removed from service. In contrast, assets that are taken out of service before 15 years remain on the books until the amortization period for that vintage has expired.

Q. CAN YOU EXPLAIN WHY YOU RECOMMEND AMORTIZATION ACCOUNTING?

A. Amortization accounting has been implemented by almost all utility companies across the United States and Canada over the past 15-20 years, including utilities in Kentucky. I have presented this methodology in the depreciation study in order to smooth the annual depreciation accrual rate over time for the specific asset classes described in general plant as well as to improve record keeping practices for a large number of assets that have a small utility plant in service value.

Q. AMORTIZATION ACCOUNTING IS BEING IMPLEMENTED FOR WHICH PLANT ACCOUNTS?

A. Amortization accounting is only appropriate for certain Common and General Plant accounts. These accounts are 394 and 395 for electric and gas plant; and 391.1, 391.2, 391.3, 391.31, 391.4, 393, 394, 395, 397, 397.1 and 398 for common plant which represent approximately 2 percent of depreciable plant.

Q. PLEASE USE AN EXAMPLE TO ILLUSTRATE HOW THE ANNUAL DEPRECIATION ACCRUAL RATE FOR A PARTICULAR GROUP OF PROPERTY IS PRESENTED IN YOUR DEPRECIATION STUDY.

A. I will use Gas Plant Account 376, Mains, as an example because it is one of the largest depreciable mass accounts and represents 51% of depreciable gas plant.

The retirement rate method was used to analyze the survivor characteristics of this property group. Aged plant accounting data was compiled from 1934 through 2006 and analyzed in periods that best represent the overall service life of this property. The life tables for the 1934-2006 and 1977-2006 experience bands are presented on pages III-210 through III-213 of the report. The life table displays the retirement and surviving ratios of the aged plant data exposed to retirement by age interval. For example, page III-210 shows $38,795 retired at age 0.5 with $267,089,148 exposed to retirement. Consequently, the retirement ratio is 0.0001 and the surviving ratio is 0.9999. These life tables, or original survivor curve, are plotted along with the estimated smooth survivor curve, the 65-R2.5 on page III-209.

My calculation of the annual depreciation related to the original cost at December 31, 2006, of utility plant is presented on pages III-583 and III-584. The calculation is based on the 65-R2.5 survivor curve, 30% negative net salvage, the attained age, and the allocated book reserve. The tabulation sets forth the installation year, the original cost, calculated accrued depreciation, allocated book reserve, future accruals, remaining life and annual accrual. These totals are brought forward to the table on page III-10.

III. CONCLUSION

Q. WAS THE DEPRECIATION STUDY FILED BY LOUISVILLE GAS AND ELECTRIC COMPANY IN THIS PROCEEDING PREPARED BY YOU OR UNDER YOUR DIRECTION AND CONTROL?

A. Yes.

Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?

A. Yes.

VERIFICATION

COMMONWEALTH OF PENNSYLVANIA)
) **SS:**
COUNTY OF Cumberland)

The undersigned, **John J. Spanos**, being duly sworn, deposes and says that he is Vice President, Valuation and Rate Division, for Gannett Fleming, Inc., that he has personal knowledge of the matters set forth in the foregoing testimony and exhibits, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

John J. Spanos
JOHN J. SPANOS

Subscribed and sworn to before me, a Notary Public in and before said County and Commonwealth, this 11th day of December 2007.

(SEAL)
Notary Public

My Commission Expires:

February 20, 2011

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Cheryl Ann Rutter, Notary Public
East Pennsboro Twp., Cumberland County
My Commission Expires Feb. 20, 2011
Member, Pennsylvania Association of Notaries

LOUISVILLE GAS & ELECTRIC

LOUISVILLE, KENTUCKY

DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS

RELATED TO ELECTRIC, GAS AND COMMON PLANT

AS OF DECEMBER 31, 2006

Gannett Fleming
Valuation and Rate Division

Harrisburg, Pennsylvania **Calgary, Alberta** **Valley Forge, Pennsylvania**

LOUISVILLE GAS & ELECTRIC

Louisville, Kentucky

DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS

RELATED TO ELECTRIC, GAS AND COMMON PLANT

AS OF DECEMBER 31, 2006

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION

Harrisburg, Pennsylvania

Gannett Fleming

GANNETT FLEMING, INC.
P.O. Box 67100
Harrisburg, PA 17106-7100

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www.gannettfleming.com

November 27, 2007

Louisville Gas & Electric
229 West Main Street
Louisville, KY 40202-1345

ii

Attention Ms. Sara Wiseman
Manager, Property Accounting

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric, gas and common plant of Louisville Gas & Electric as of December 31, 2006. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual and accrued depreciation, the statistical support for the service life and net salvage estimates, and the detailed tabulations of annual and accrued depreciation.

Respectfully submitted,

GANNETT FLEMING, INC.

John J. Spanos

JOHN J. SPANOS
Vice President
Valuation and Rate Division

JJS:krm

CONTENTS

PART I. INTRODUCTION

PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

PART III. RESULTS OF STUDY

CONTENTS, cont.

PART III. RESULTS OF STUDY, cont.

PART I. INTRODUCTION

LOUISVILLE GAS & ELECTRIC

DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS
RELATED TO ELECTRIC, GAS AND COMMON PLANT
AS OF DECEMBER 31, 2006

PART I. INTRODUCTION

SCOPE

This report presents the results of the depreciation study prepared for the Louisville Gas & Electric ("Company") as applied to electric, gas and common plant in service as of December 31, 2006. It relates to the concepts, methods and basic judgments which underlie recommended annual depreciation accrual rates related to current electric and gas plant in service.

The service life estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through December 2006; the net salvage analyses of historical plant retirements data recorded through December 2006; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the electric and gas industries, including knowledge of service life and salvage estimates used for other electric and gas properties.

PLAN OF REPORT

Part I includes brief statements of the scope and basis of the study. Part II presents descriptions of the methods used in the service life and salvage studies and the methods and procedures used in the calculation of depreciation. Part III presents the results of the study, including summary tables, survivor curve charts and life tables resulting from the

retirement rate method of analysis; tabular results of the historical net salvage analyses; and detailed tabulations of the calculated remaining lives and annual accruals.

BASIS OF STUDY

Depreciation

For most accounts, the annual depreciation was calculated by the straight line method using the equal life group procedure and the remaining life basis. For certain General Plant accounts, the annual depreciation was based on amortization accounting. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group.

Survivor Curve Estimates

The procedure for estimating survivor curves, which define service lives and remaining lives, consisted of compiling historical service life data for the plant accounts or other depreciable groups, analyzing the historical data base through the use of accepted techniques, and forecasting the survivor characteristics for each depreciable account or group. These forecasts were based on interpretations of the historical data analyses and the probable future. The combination of the historical data and the estimated future trend yields a complete pattern of life characteristics, i.e., a survivor curve, from which the average service life and remaining service life are derived.

The historical data analyzed for life estimation purposes were compiled through December 2006 from the Company's plant accounting records. Such data included plant

additions, retirements, transfers and other activity recorded by the Company for each of its plant accounts and subaccounts.

The estimates of net salvage by account incorporated a review of experienced costs of removal and 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 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.

Calculation of Depreciation

The depreciation accrual rates were calculated using the straight line method, the remaining life basis and the equal life group depreciation procedure. The continuation of amortization accounting for certain accounts is recommended because of the disproportionate plant accounting effort required when compared to the minimal original cost of the large number of items in these accounts. An explanation of the calculation of annual and accrued amortization is presented on page II-39 of the report.

PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

DEPRECIATION

Depreciation, as defined in the Uniform System of Accounts, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of electric 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 the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, requirements of public authorities, and, in the case of natural gas companies, the exhaustion of natural resources.

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 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.

The calculation of annual depreciation based on the straight line method requires the estimation of average life and salvage. These subjects are discussed in the sections which follow.

SERVICE LIFE AND NET SALVAGE ESTIMATION

Average Service Life

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. A discussion of the general concept of survivor curves is presented. Also, the Iowa type survivor curves are reviewed.

Survivor Curves

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 and is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

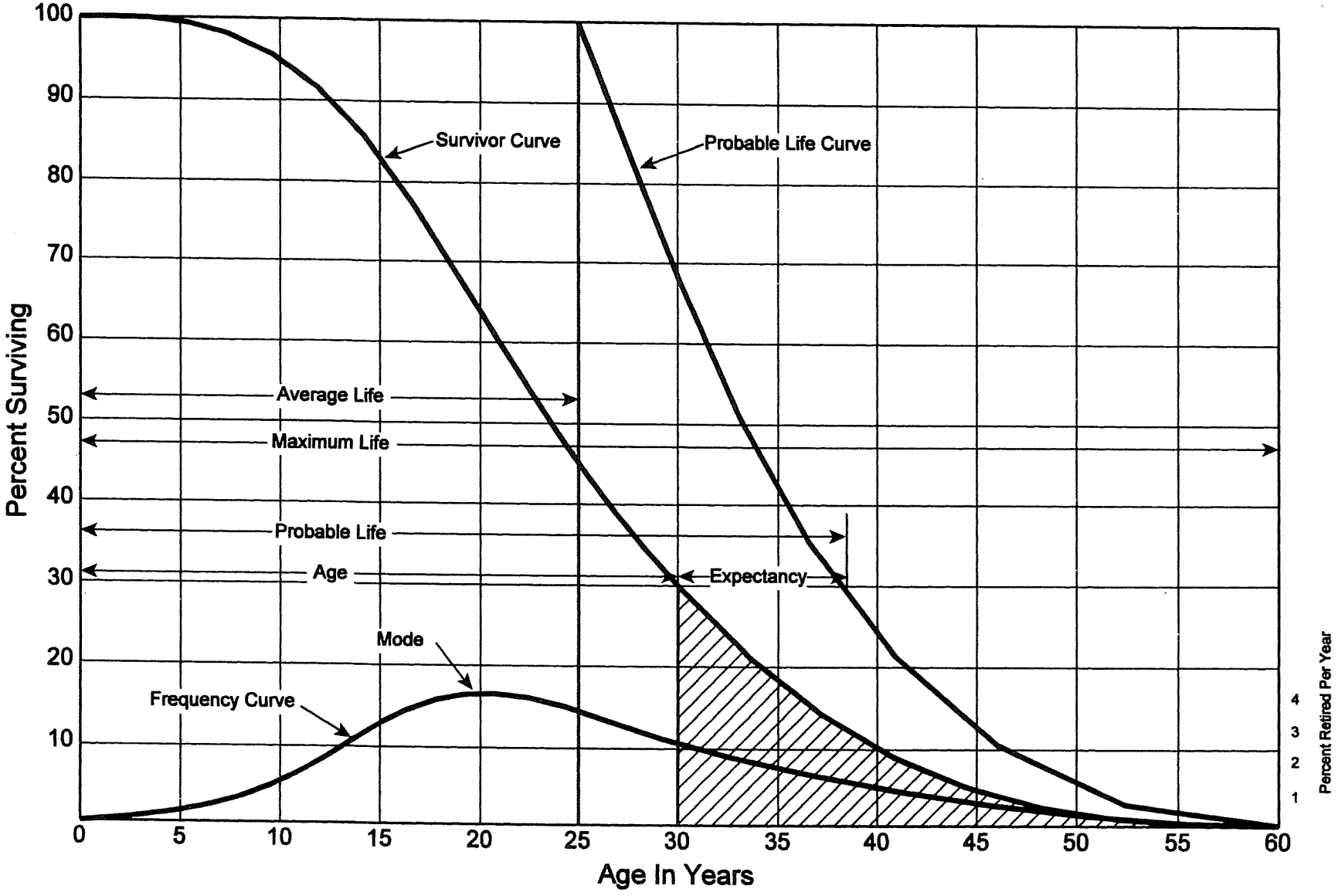

Figure 1. A Typical Survivor Curve and Derived Curves

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.[1] These type curves have also been presented in subsequent Experiment Station

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

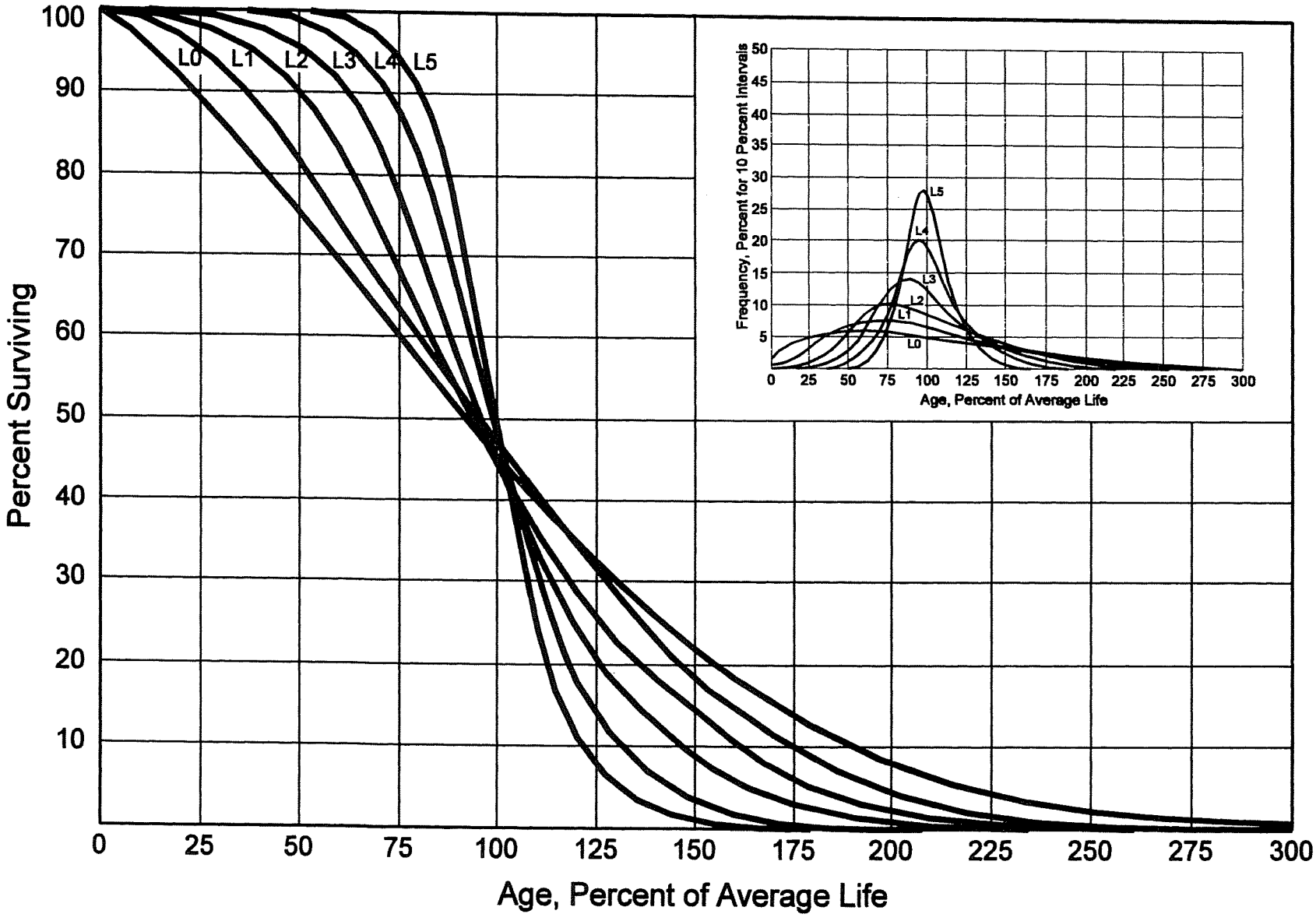

Figure 2. Left Modal or "L" Iowa Type Survivor Curves

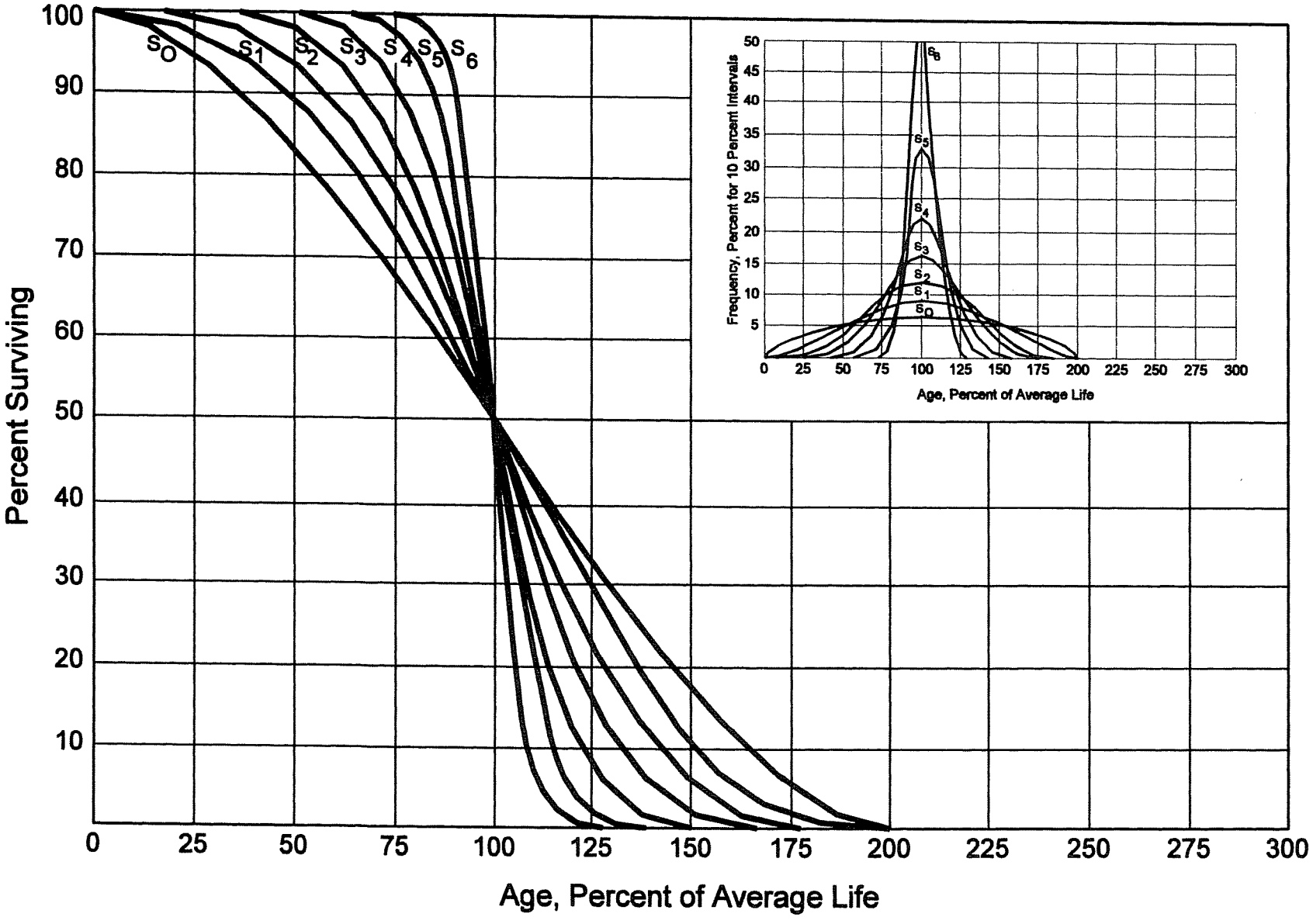

Figure 3. Symmetrical or "S" Iowa Type Survivor Curves

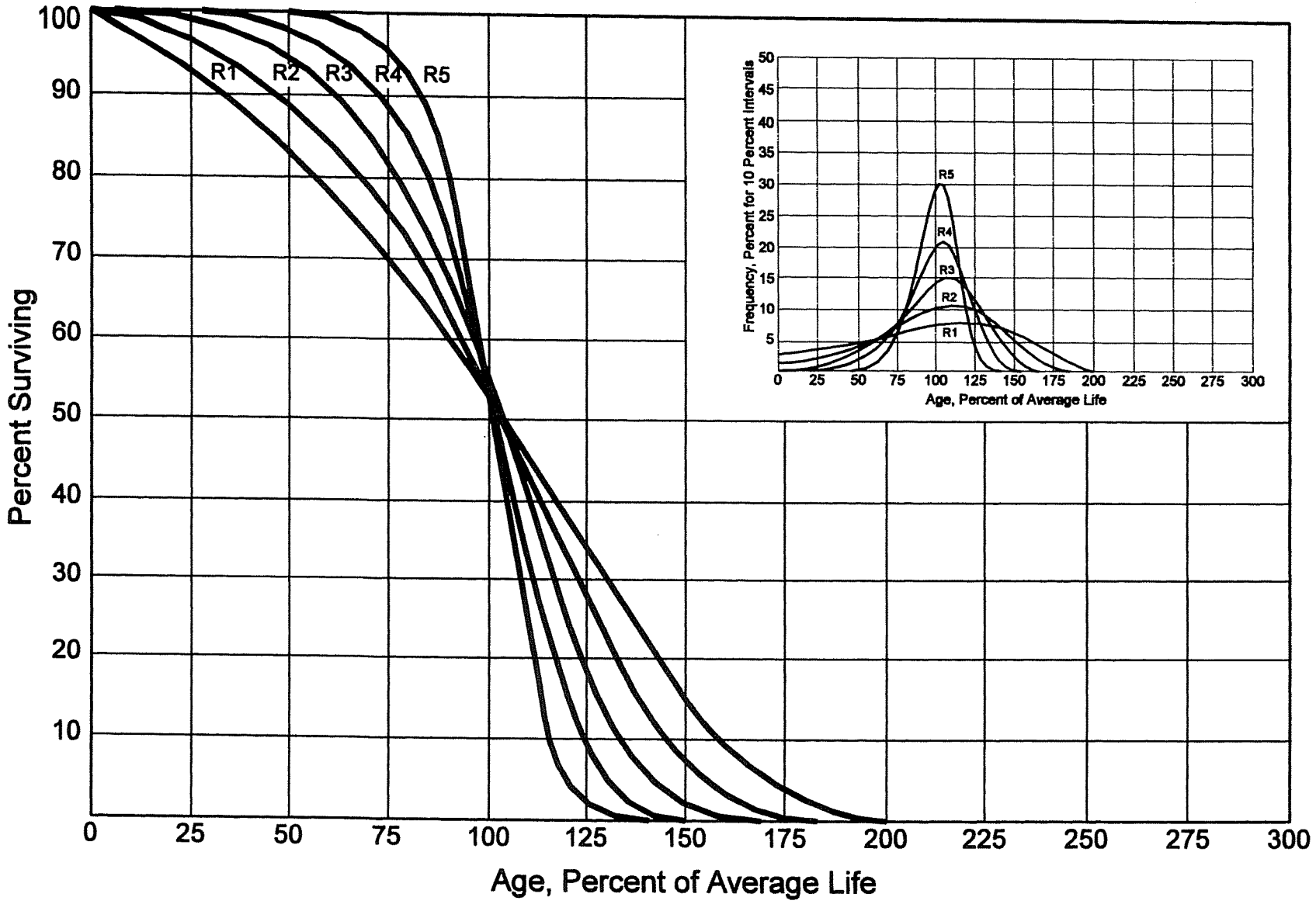

Figure 4. Right Modal or "R" Iowa Type Survivor Curves

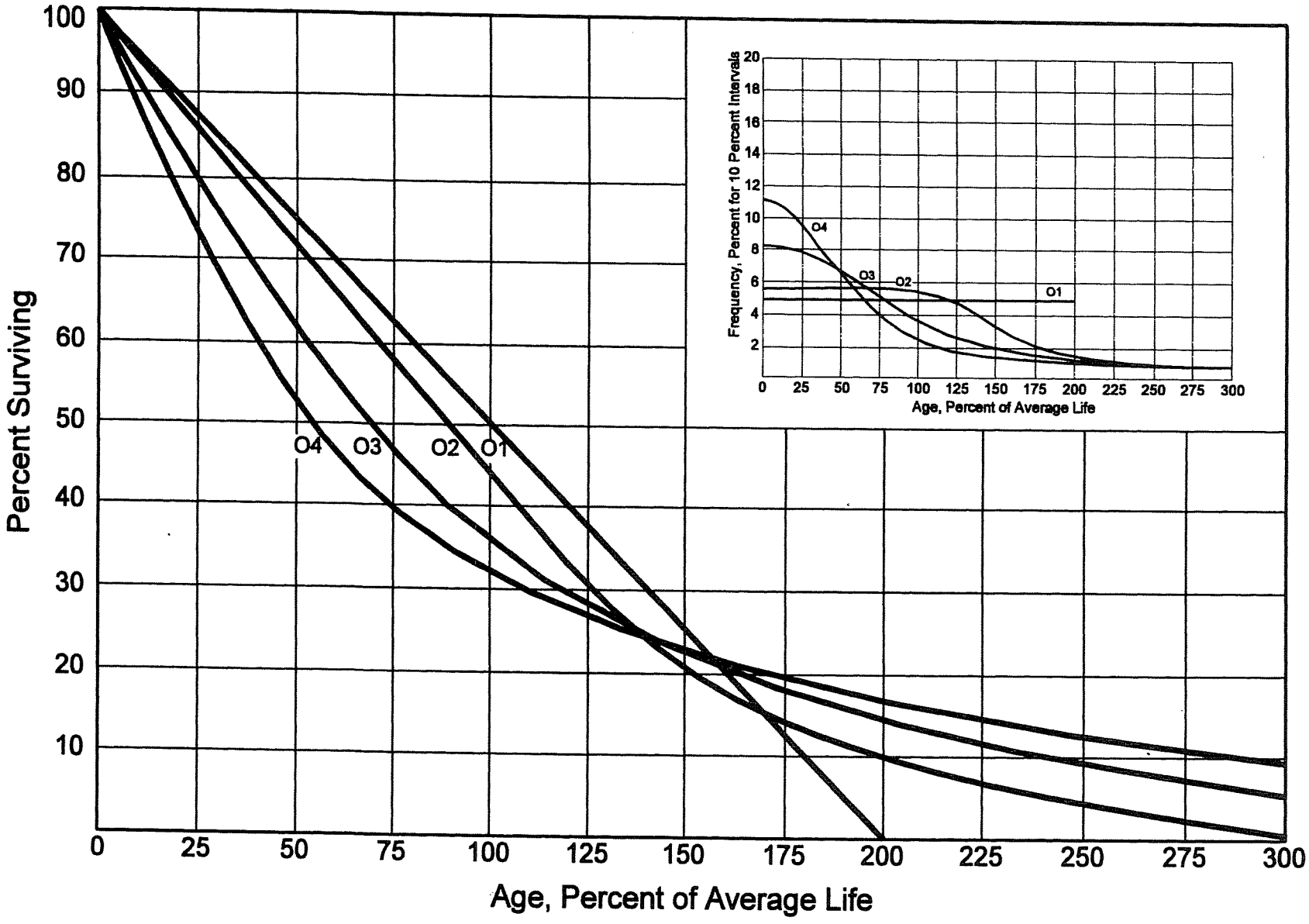

Figure 5. Origin Modal or "O" Iowa Type Survivor Curves

bulletins and in the text, "Engineering Valuation and Depreciation."[2] In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis[3] 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 or for which aged accounting experience is developed by statistically aging unaged amounts 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,"[4] "Engineering Valuation and Depreciation,"[5] and "Depreciation Systems."[6]

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

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

[3]Couch, Frank V. B., Jr. "Classification of Type O Retirement Characteristics of Industrial Property." Unpublished M.S. thesis (Engineering Valuation). Library, Iowa State College, Ames, Iowa. 1957.

[4]Winfrey, Robley, Supra Note 1.

[5]Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 2.

[6]Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. Iowa State University Press. 1994

property exposed to retirement at the beginnings 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 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 1997-2006 during which there were placements during the years 1992-2006. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Tables 1 and 2 on pages II-12 and II-13. In Table 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, $10,000 of the dollars invested in 1992 were retired in 1997. 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

TABLE 1. RETIREMENTS FOR EACH YEAR 1997-2006
SUMMARIZED BY AGE INTERVAL

Experience Band 1997-2006

Placement Band 1992-2006

Year Placed (1)	Retirements, Thousands of Dollars During Year 1997 (2)	1998 (3)	1999 (4)	2000 (5)	2001 (6)	2002 (7)	2003 (8)	2004 (9)	2005 (10)	2006 (11)	Total During Age Interval (12)	Age Interval (13)
1992	10	11	12	13	14	16	23	24	25	26	26	13½-14½
1993	11	12	13	15	16	18	20	21	22	19	44	12½-13½
1994	11	12	13	14	16	17	19	21	22	18	64	11½-12½
1995	8	9	10	11	11	13	14	15	16	17	83	10½-11½
1996	9	10	11	12	13	14	16	17	19	20	93	9½-10½
1997	4	9	10	11	12	13	14	15	16	20	105	8½-9½
1998		5	11	12	13	14	15	16	18	20	113	7½-8½
1999			6	12	13	15	16	17	19	19	124	6½-7½
2000				6	13	15	16	17	19	19	131	5½-6½
2001					7	14	16	17	19	20	143	4½-5½
2002						8	18	20	22	23	146	3½-4½
2003							9	20	22	25	150	2½-3½
2004								11	23	25	151	1½-2½
2005									11	24	153	½-1½
2006	—	—	—	—	—	—	—	—	—	13	80	0-½
Total	53	68	86	106	128	157	196	231	273	308	1,606	

TABLE 2. OTHER TRANSACTIONS FOR EACH YEAR 1997-2006
SUMMARIZED BY AGE INTERVAL

Experience Band 1997-2006

Placement Band 1992-2006

Year Placed (1)	Acquisitions, Transfers and Sales, Thousands of Dollars During Year 1997 (2)	1998 (3)	1999 (4)	2000 (5)	2001 (6)	2002 (7)	2003 (8)	2004 (9)	2005 (10)	2006 (11)	Total During Age Interval (12)	Age Interval (13)
1992	-	-	-	-	-	-	60[a]	-	-	-	-	13½-14½
1993	-	-	-	-	-	-	-	-	-	-	-	12½-13½
1994	-	-	-	-	-	-	-	-	-	-	-	11½-12½
1995	-	-	-	-	-	-	-	(5)[b]	-	-	60	10½-11½
1996	-	-	-	-	-	-	-	6[a]	-	-	-	9½-10½
1997		-	-	-	-	-	-	-	-	-	(5)	8½-9½
1998		-	-	-	-	-	-	-	-	-	6	7½-8½
1999			-	-	-	-	-	-	-	-	-	6½-7½
2000				-	-	-	-	(12)[b]	-	-	-	5½-6½
2001					-	-	-	-	22[a]	-	-	4½-5½
2002						-	-	(19)[b]	-	-	10	3½-4½
2003							-	-	-	-	-	2½-3½
2004								-	-	(102)[c]	(121)	1½-2½
2005									-	-	-	½-1½
2006	—	—	—	—	—	—	—	—	—	—	-	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.

interval. For example, the total of $143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Table 1 immediately above the stairstep line drawn on the table beginning with the 1997 retirements of 1992 installations and ending with the 2006 retirements of the 2001 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.

In Table 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 Table 3 on page II-15.

The surviving plant at the beginning of each year from 1997 through 2006 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 Table 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Tables 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

TABLE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 1997-2006
SUMMARIZED BY AGE INTERVAL

Experience Band 1997-2006

Placement Band 1992-2006

Year Placed (1)	Exposures, Thousands of Dollars — Annual Survivors at the Beginning of the Year: 1997 (2)	1998 (3)	1999 (4)	2000 (5)	2001 (6)	2002 (7)	2003 (8)	2004 (9)	2005 (10)	2006 (11)	Total at Beginning of Age Interval (12)	Age Interval (13)
1992	255	245	234	222	209	195	239	216	192	167	167	13½-14½
1993	279	268	256	243	228	212	194	174	153	131	323	12½-13½
1994	307	296	284	271	257	241	224	205	184	162	531	11½-12½
1995	338	330	321	311	300	289	276	262	242	226	823	10½-11½
1996	376	367	357	346	334	321	307	297	280	261	1,097	9½-10½
1997	420[a]	416	407	397	386	374	361	347	332	316	1,503	8½-9½
1998		460[a]	455	444	432	419	405	390	374	356	1,952	7½-8½
1999			510[a]	504	492	479	464	448	431	412	2,463	6½-7½
2000				580[a]	574	561	546	530	501	482	3,057	5½-6½
2001					660[a]	653	639	623	628	609	3,789	4½-5½
2002						750[a]	742	724	685	663	4,332	3½-4½
2003							850[a]	841	821	799	4,955	2½-3½
2004								960[a]	949	926	5,719	1½-2½
2005									1,080[a]	1,069	6,579	½-1½
2006										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.

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 2001 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

For the entire experience band 1997-2006 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 (Table 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 Table 4 on page II-17, is developed from the totals shown on the schedules of retirements and exposures, Tables 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

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

Experience Band 1997-2006 Placement Band 1992-2006

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at Beginning of Interval (1)	Exposures at Beginning of Age Interval (2)	Retirements During Age Interval (3)	Retirement Ratio (4)	Survivor Ratio (5)	Percent Surviving at Beginning of Age Interval (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 Table 3, Column 12, Plant Exposed to Retirement.
Column 3 from Table 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.

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 Tables 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

The original survivor curve is plotted from the original life table (column 6, Table 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 Table 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, assuming no contrary relevant factors external to the analysis of historical data.

Field Trips.

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

The plant facilities visited on April 23 through 25, 2007, and May 29 and 30, 2007 are as follows:

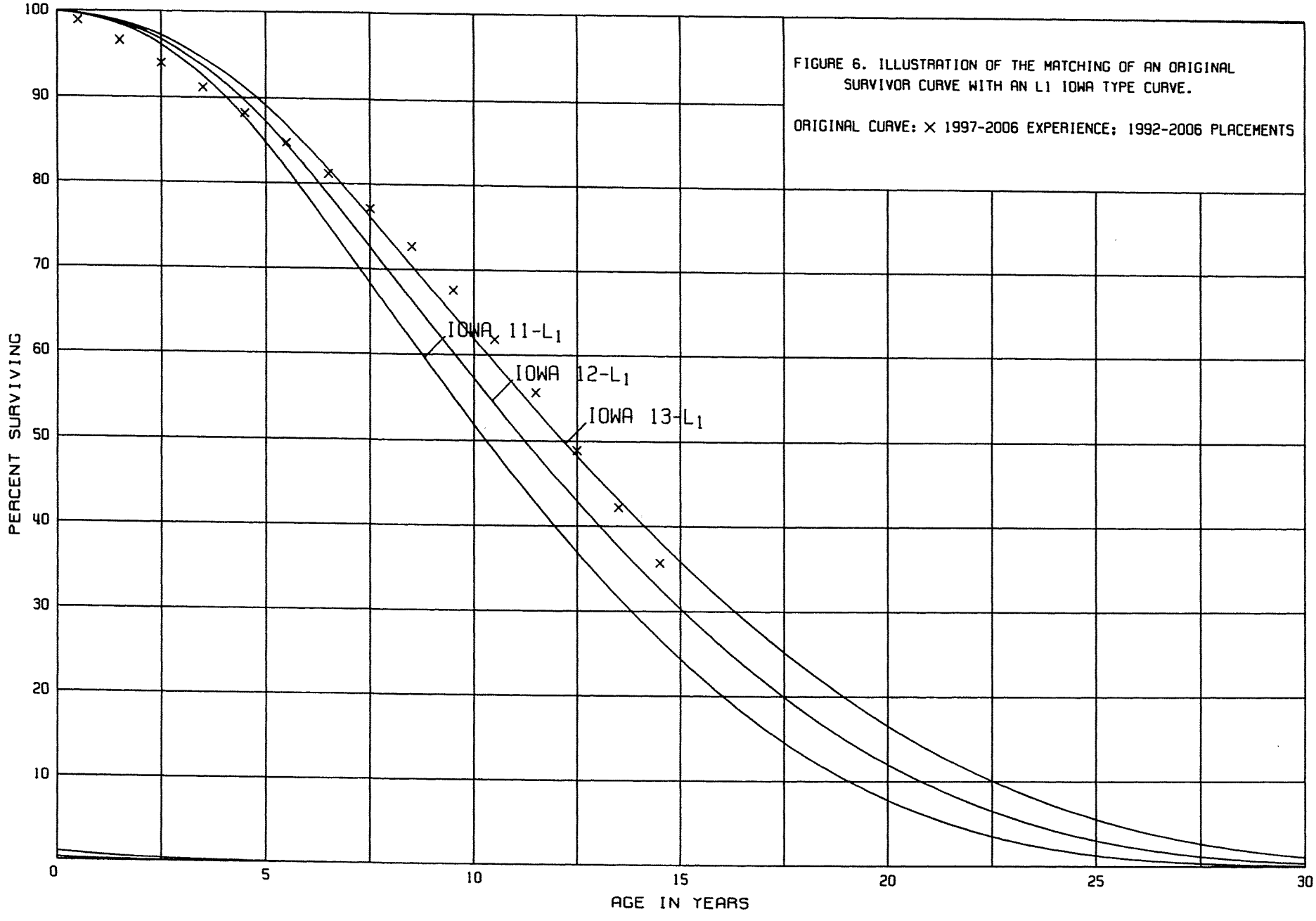


FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE.
ORIGINAL CURVE: X 1997-2006 EXPERIENCE: 1992-2006 PLACEMENTS
IOWA 11-L1
IOWA 12-L1
IOWA 13-L1
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30

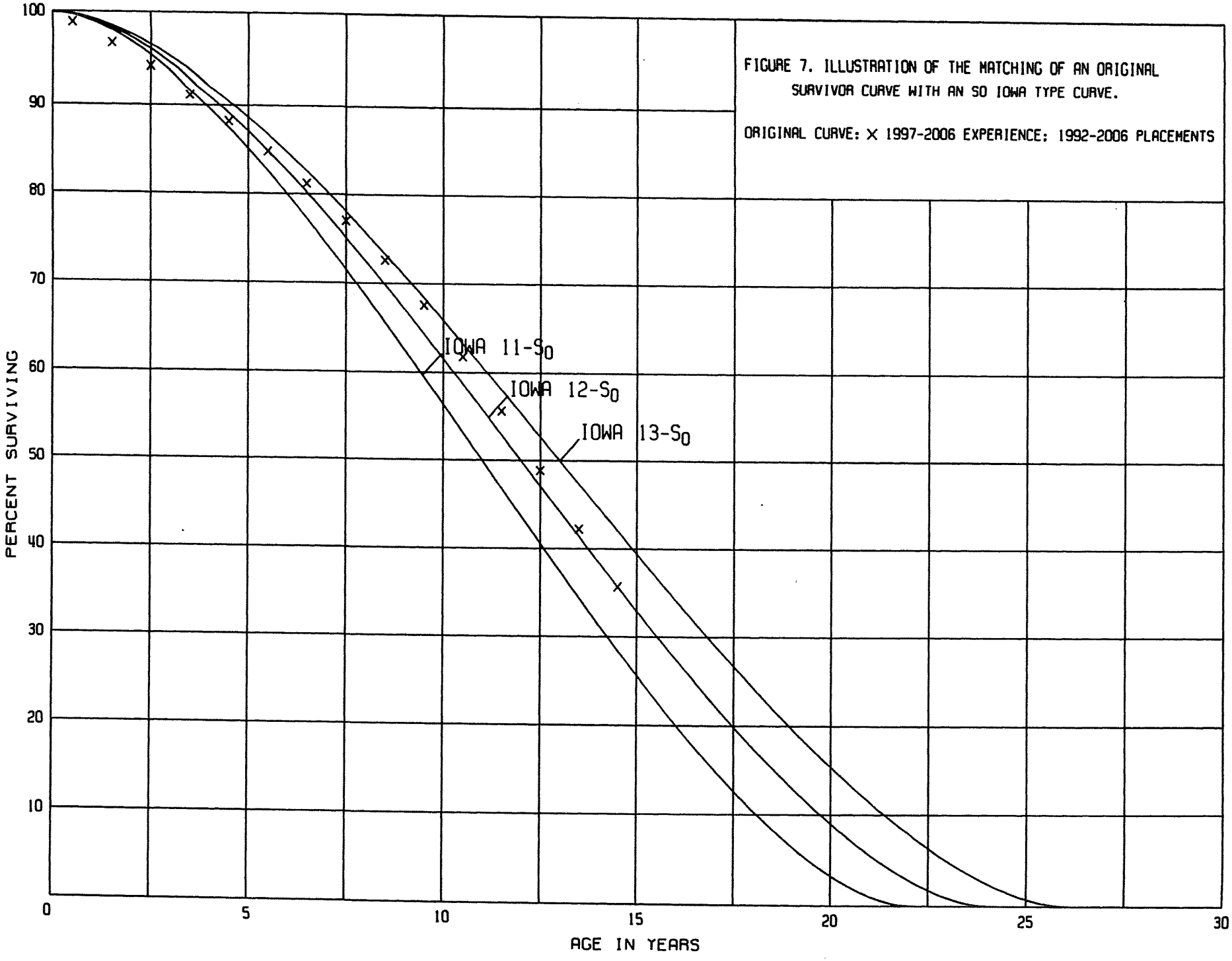


FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN SO IOWA TYPE CURVE.
ORIGINAL CURVE: X 1997-2006 EXPERIENCE: 1992-2006 PLACEMENTS
IOWA 11-S0
IOWA 12-S0
IOWA 13-S0
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30

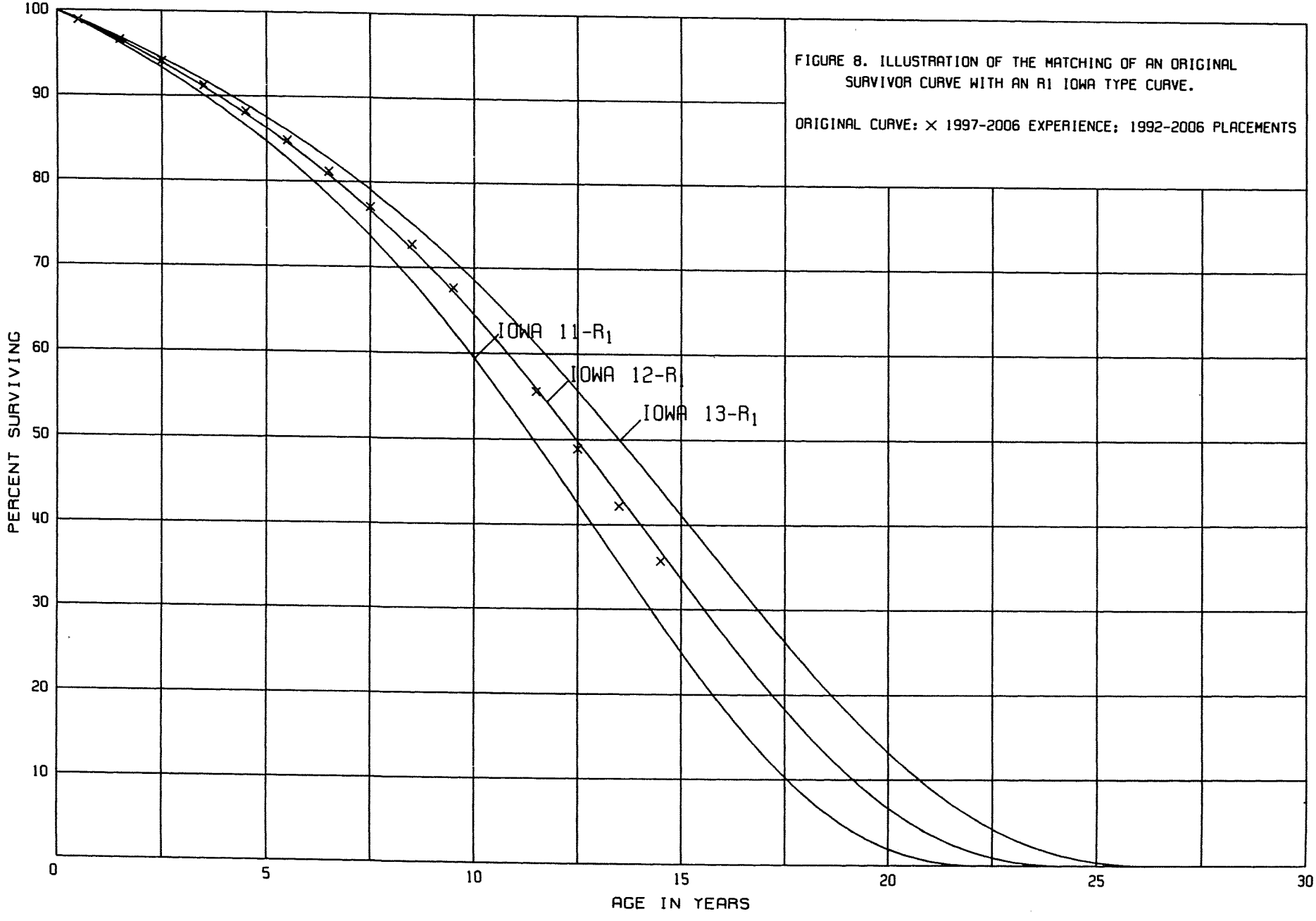
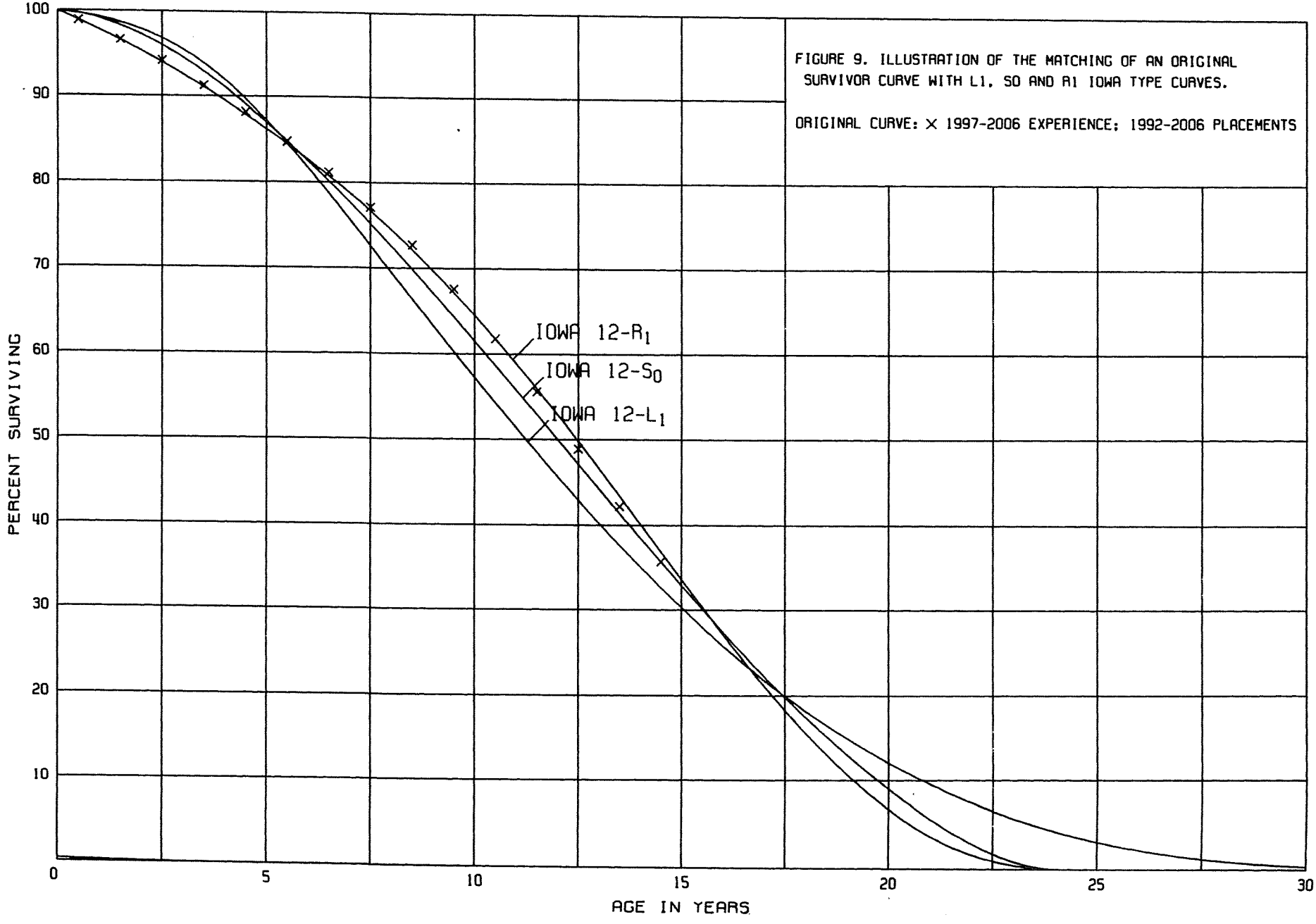


FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE.

ORIGINAL CURVE: × 1997-2006 EXPERIENCE; 1992-2006 PLACEMENTS


100
90
80
70
60
50
40
30
20
10
0
PERCENT SURVIVING
5
10
15
20
25
30
AGE IN YEARS
IOWA 12-R1
IOWA 12-S0
IOWA 12-L1
FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH L1, S0 AND R1 IOWA TYPE CURVES.
ORIGINAL CURVE: X 1997-2006 EXPERIENCE; 1992-2006 PLACEMENTS

April 23-25, 2007

Trimble County Generating Facility
Mill Creek Generating Facility
Cane Run Generating Facility
Ohio Falls Hydro Plant
Elder Park Gate Station
E. W. Brown Generating Facility

May 29 and 30, 2007

Penile City Gate Station
Blanton Lane Regulating Station
Muldraugh Compressor Station
Ashby Substation
International Substation
Cane Run Substation
South Service Center
Auburndale Operations Center
Ashbottom Substation
Okolona Substation
Fern Valley Substation
Preston Street City Gate Station
Preston and Alder Street Dist. Regulating Station

Service Life Considerations

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 and gas utility companies.

For 36 of the 93 plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses resulted in good to excellent indications of the survivor patterns experienced. These accounts represent 75 percent of depreciable plant. Generally, the information external to the statistics led to no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page III-13.

ELECTRIC PLANT

STEAM PRODUCTION PLANT

311	Structures and Improvements
312	Boiler Plant Equipment
314	Turbogenerator Units
316	Miscellaneous Power Plant Equipment

TRANSMISSION PLANT

355	Poles and Fixtures

DISTRIBUTION PLANT

362	Station Equipment
364	Poles, Towers and Fixtures
366	Underground Conduit
367	Underground Conductors and Devices
368	Line Transformers
369.1	Services - Underground
370	Meters
373.1	Street Lighting and Signal Systems - Overhead
373.2	Street Lighting and Signal Systems - Underground
373.4	Street Lighting and Signal Systems - Transformer

GENERAL PLANT

392.2	Transportation Equipment - Trailers
396.2	Power Operated Equipment - Other

GAS PLANT

PRODUCTION PLANT

352.5	Well Equipment
353	Lines
354	Compressor Station Equipment
355	Measuring and Regulating Equipment
356	Purification Equipment

TRANSMISSION PLANT

367	Mains

DISTRIBUTION PLANT

375.2	Structures and Improvements - Other
376	Mains
378	Measuring and Regulating Station Equipment - General
380	Services
381	Meters
382	Meter Installations
383	House Regulators
384	House Regulator Installations
387	Other Equipment

GENERAL PLANT

396.2	Power Operated Equipment - Other

COMMON PLANT

390.1	Structures and Improvements - G.O.
392.2	Transportation Equipment - Trailers
396.2	Power Operated Equipment - Other

Electric Plant Account 364, Poles, Towers and Fixtures and Account 368, Line Transformers, as well as Gas Plant Account 376, Mains, are used to illustrate the manner in which the study was conducted for the groups in the preceding list. Account 364 and Account 368 each represents 3 percent of the total depreciable electric plant. Aged plant accounting data have been compiled for the years 1935 through 2006 for poles and 1935 through 2006 for line transformers. 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 for Account 364, Poles, Towers and Fixtures, is based on the statistical indications for the period 1935 through 2006. The Iowa 50-R2.5 is an excellent fit of the original survivor curve. The 50-year service life is within the typical service life range of 35 to 50 years for poles. The 50-year life reflects the Company's practices of continual maintenance on its poles and steady retirements for all vintages due to load demands. The previous estimate was the Iowa 40-R4.

The survivor curve estimate for Account 368, Line Transformers, is the 45-R1.5 and is based on the statistical indication for the periods 1935 through 2006. The 45-R1.5 is an excellent fit of the significant portion of the original survivor curve as set forth on page III-

113 and consistent with management outlook for a continuation of past experience, and at the upper end of the service life range of 30 to 45 years for line transformers.

Gas Plant Account 376, represents 51 percent of the total depreciable gas plant. Aged plant accounting data have been compiled for the years 1934 through 2006.

The survivor curve estimate is based on the statistical indications for the period 1934-2006 and 1977-2006. The Iowa 65-R2.5 is an excellent fit of the original survivor curve. The 65-year service life is at the upper end, but still within, the typical service life range of 50 to 70 years for mains. The 65-year life reflects the Company's practices of the past and plans for the near future. The previous estimate was the Iowa 55-S3.

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 differ from account to account. The interim survivor curves estimated for steam, hydro and other production plant were based on the retirement rate method of life analysis which incorporated experienced aged retirements for the period 1954 through 2006 for steam, 1934 through 2006 for hydro and 1963 through 2006 for other production.

The life span estimates for power generating stations were the result of considering experienced life spans of similar generating units, type of construction, the age of surviving units, general operating characteristics of the units, major refurbishing, and discussions with management personnel concerning the probable long-term outlook for the units, observed features and conditions at the time of the field visit, and future plans from the life assessment study.

The life span estimate for most steam, base-load units is 46 to 58 years, which is within the typical range of life spans for such units. The 102-year lifespan for the hydro production facility is within the typical range. Life spans of 32 and 40 years were estimated for the majority of combustion turbines. These life span estimates are typical for combustion turbines which are used primarily as peaking units.

A summary of the year in service, life span and probable retirement year for each power production unit follows:

Depreciable Group	Major Year in Service	Probable Retirement Year	Life Span
Steam Production Plant			
Cane Run Unit 1	1954	2006	52
Cane Run Unit 2	1956	2006	50
Cane Run Unit 3	1958	2006	48
Cane Run Unit 4	1962	2018	56
Cane Run Unit 4 - SO2	1976,1988	2018	42,30
Cane Run Unit 5	1966	2022	56
Cane Run Unit 5 - SO2	1977,1987	2022	45,35
Cane Run Unit 6	1969	2023	54
Cane Run Unit 6 - SO2	1979,1986	2023	44,37
Mill Creek Unit 1	1972	2026	54
Mill Creek Unit 1 -SO2	1980	2026	46
Mill Creek Unit 2	1974	2026	52
Mill Creek Unit 2 - SO2	1981	2026	45
Mill Creek Unit 3	1978	2036	58
Mill Creek Unit 3 - SO2	1978,1985	2036	58,51
Mill Creek Unit 4	1982	2036	54
Mill Creek Unit 4 - SO2	1981,1987	2036	55,49
Trimble County Unit 1	1990	2036	46
Trimble County Unit 1 - SO2	1990	2036	46
Hydro Plant			
Ohio Falls	1934	2036	102

Other Production Plant			
Cane Run Unit 11	1970	2010	40
Zorn and River Road Gas Turbine	1970	2010	40
Paddy Run Unit 12	1970	2010	40
Paddy Run Generator 13	2001	2036	35
E.W. Brown Unit 5	2001	2036	35
E.W. Brown Unit 6	1999	2036	37
E.W. Brown Unit 7	1999	2036	37
Trimble County Unit 5	2002	2036	34
Trimble County Unit 6	2002	2036	34
Trimble County Unit 7	2004	2036	32
Trimble County Unit 8	2004	2036	32
Trimble County Unit 9	2004	2036	32
Trimble County Unit 10	2004	2036	32

The survivor curve estimates for the remaining accounts were based on judgment incorporating the statistical analyses and previous studies for this and other electric and gas utilities.

Salvage Analysis

The estimates of net salvage by account were based in part on historical data compiled through 2006. Cost of removal and salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates by account are expressed as a percent of the original cost of plant retired.

Net Salvage Considerations

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of

removal and salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

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

Statistical analyses of historical data for the period 1972 through 2006 contributed significantly toward the net salvage estimates for 46 plant accounts, representing 88 percent of the depreciable plant, as follows:

ELECTRIC PLANT

STEAM PRODUCTION

311	Structures and Improvements
312	Boiler Plant Equipment
314	Turbogenerator Units
315	Accessory Electric Equipment
316	Miscellaneous Plant Equipment

OTHER PRODUCTION

344	Generators

TRANSMISSION PLANT

352	Structures and Improvements
353.1	Station Equipment - Non System Controls/Communication
354	Towers and Fixtures
355	Poles and Fixtures
356	Overhead Conductors and Devices

DISTRIBUTION PLANT

361	Structures and Improvements
362	Station Equipment
365	Overhead Conductors and Devices
366	Underground Conduit
367	Underground Conductors and Devices
368	Line Transformers
369.1	Services - Underground
369.2	Services - Overhead
370	Meters
373.1	Street Lighting and Signal Systems - Overhead
373.2	Street Lighting and Signal Systems - Underground
373.4	Street Lighting and Signal Systems - Transformers

GENERAL PLANT
- 392.2 Transportation Equipment - Trailers
- 396.2 Power Operated Equipment - Other

GAS PLANT

PRODUCTION PLANT
- 351.2 Compressor Station Structures
- 351.4 Other Structures
- 352.4 Well Drilling
- 352.5 Well Equipment
- 353 Lines
- 354 Compressor Station Equipment
- 355 Measuring and Regulating Equipment
- 356 Purification Equipment

DISTRIBUTION PLANT
- 376 Mains
- 378 Measuring and Regulating Station Equipment - General
- 379 Measuring and Regulating Station Equipment - City Gate
- 380 Services
- 381 Meters
- 382 Meter Installations
- 383 House Regulators
- 384 House Regulator Installations
- 387 Other Equipment

GENERAL PLANT
- 392.2 Transportation Equipment - Trailers

COMMON PLANT
- 390.1 Structures and Improvements - G.O.
- 390.2 Structures and Improvements - Transportation
- 390.6 Structures and Improvements - Microwave

Electric Plant Account 365, Overhead Conductors and Devices, and Gas Plant Account 376, Mains, are used to illustrate the manner in which the study was conducted for the groups in the preceding list. Net salvage data for the period 1972 through 2006 were analyzed for Electric Plant Account 365. The data include cost of removal, gross salvage and net salvage amounts and each of these amounts is expressed as a percent of the original cost of regular retirements. Three-year moving averages for the 1972-1974 through 2004-2006 periods were computed to smooth the annual amounts.

Cost of removal was high since 1994 with a slight reduction for the years 1996 and 1997. The high removal cost since 1994 related to the locations of conductor being retired during that time and the effort required to properly remove the conductor. Cost of removal for the most recent five years averaged 81 percent.

Gross salvage has diminished drastically since 2001. The most recent five-year average of 0 percent gross salvage reflects recent trends of reduced salvage value due to the lack of copper conductor being retired. This trend is expected to continue.

The net salvage percent based on the overall period 1972 through 2006 is 42 percent negative net salvage. The range of estimates made by other electric companies for overhead conductor is negative 20 to negative 80 percent. The net salvage estimate for overhead conductor is negative 50 percent, is within the range of estimates for other electric companies and reflects the recent trend toward more negative net salvage.

Net salvage data for the period 1972 through 2006 were analyzed for Gas Plant Account 376.

Cost of removal was consistent during the most recent 35-year period, 1972-2006. The practices for applying labor costs to removing pipe versus installing new pipe has not changed. Cost of removal for the most recent five years averaged 65 percent.

Gross salvage has varied slightly, however, the amounts have been minimal. The most recent five-year average of 1 percent gross salvage reflects recent trends of the minimal salvage value for pipe.

The net salvage percent based on the overall period 1972 through 2006 is 25 percent negative net salvage. The range of estimates made by other gas companies for mains is negative 15 to negative 75 percent. Given the overall statistical indication and the

most recent five-year period trend to negative 64 percent, the statistical indication of negative 30 percent was selected for the Company's mains.

The net salvage percents for the remaining accounts were based on judgment incorporating estimates of previous studies of this and other electric and gas utilities.

CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

After the survivor curve and salvage are estimated, the annual depreciation accrual rate can be calculated. In the average service life procedure, the annual accrual rate is computed by the following equation:

$$\textit{Annual Accrual Rate, Percent} = \frac{(100\% \quad \textit{Net Salvage, Percent})}{\textit{Average Service Life}}.$$

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which will not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as a basis for straight line depreciation accounting.

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 the estimated survivor curve. The accrued depreciation ratios are calculated as follows:

$$\textit{Ratio} = (1 - \frac{\textit{Average Remaining Life Expectancy}}{\textit{Average Service Life}}) (1 - \textit{Net Salvage, Percent}).$$

The application of these procedures is described for a single unit of property and a group of property units. Salvage is omitted from the description for ease of application.

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:

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

The accrued depreciation is:

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

Group Depreciation Procedures

When more than a single item of property is under consideration, a group procedure for depreciation is appropriate because normally all of 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.

Average Service Life Procedure. In the average service life procedure, the rate of annual depreciation is based on the average service life of the group, and this rate is applied to the surviving balances of the group's cost. The accrued depreciation is based on the average service life of the group and the average remaining life of each vintage within the group derived from the area under the survivor curve between the attained age of the vintage and the maximum age.

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 excess cost recouped subsequent to average life. The recovery of cost is complete at the end of the life cycle, but the distribution of capital cost to annual expense does not match the consumption of service value of plant.

Equal Life Group Procedure. In the equal life group procedure, also known as the unit summation procedure, the property group is subdivided according to service life. That is, each equal life group includes that portion of the property which experiences the life of that specific group. The relative size of each equal life group is determined from the property's life dispersion curve. The calculated depreciation for the property group is the summation of the calculated depreciation based on the service life of each equal life unit.

This procedure eliminates the need to base annual depreciation expense on average lives, inasmuch as each group has a single life. The full cost of short-lived items is accrued during their lives, leaving no deferral of accruals required to be added to the annual cost associated with long-lived items. The depreciation expense for the property group is the summation of the depreciation expense based on the service life of each equal life group.

The table on the following page presents an illustration of calculation of equal life group depreciation using the Iowa 25-R2 survivor curve, positive net salvage of 20 percent and a December 31, 2006 calculation date.

In the table, each equal life group is defined by the age interval shown in columns 1 and 2. These are the ages at which the first and last retirement of each group occur, and the group's equal life, shown in column 3, is the midpoint of the interval. For purposes of the calculation, the computer is programmed to divide each vintage into equal life groups arranged so that the midpoint of each one-year age interval coincides with the calculation date, e.g., December 31 in this case. This enables the calculation of annual accruals for a twelve-month period centered on the date of calculation.

The retirement during the age interval, shown in column 4, is the size of each equal life group, and is derived from the Iowa 25-R2 survivor curve. It is the difference between the percents surviving at the beginning and end of the age interval.

DETAILED COMPUTATION OF ANNUAL AND ACCRUED FACTORS USING THE EQUAL LIFE GROUP PROCEDURE

INPUT PARAMETERS:
CALCULATION DATE.. 12-31-2006
SURVIVOR CURVE.... 25-R2
NET SALVAGE, PCT.. +20

AGE INTERVAL BEG (1)	AGE INTERVAL END (2)	LIFE (3)	RETIREMENTS DURING INTERVAL (4)	GROUP ANNUAL ACCRUAL (5)=(4)/(3)	YEAR INST (6)	SUMMATION OF ANNUAL ACCRUALS (7)	AVERAGE PERCENT SURVIVING (8)	ANNUAL FACTOR (9)	ACCRUED FACTOR (10)
0.000	1.000	0.500	0.39930	0.31944000000	2006	4.59475122839	99.804382	0.0460	0.0230
1.000	2.000	1.500	0.45598	0.24318933333	2005	4.15371656172	99.372710	0.0418	0.0627
2.000	3.000	2.500	0.51874	0.16599680000	2004	3.94912349506	98.885350	0.0399	0.0998
3.000	4.000	3.500	0.58802	0.13440457143	2003	3.79892280934	98.331970	0.0386	0.1351
4.000	5.000	4.500	0.66427	0.11809244444	2002	3.67267430141	97.705825	0.0376	0.1692
5.000	6.000	5.500	0.74796	0.10879418182	2001	3.55923098828	96.999710	0.0367	0.2019
6.000	7.000	6.500	0.83958	0.10333292308	2000	3.45316743583	96.205940	0.0359	0.2334
7.000	8.000	7.500	0.93964	0.10022826667	1999	3.35138684095	95.316330	0.0352	0.2640
8.000	9.000	8.500	1.04867	0.09869835294	1998	3.25192353115	94.322175	0.0345	0.2933
9.000	10.000	9.500	1.16720	0.09829052632	1997	3.15342909152	93.214240	0.0338	0.3211
10.000	11.000	10.500	1.29581	0.09872838095	1996	3.05491963788	91.982735	0.0332	0.3486
11.000	12.000	11.500	1.43501	0.09982678261	1995	2.95564205610	90.617325	0.0326	0.3749
12.000	13.000	12.500	1.58528	0.10145792000	1994	2.85499970480	89.107180	0.0320	0.4000
13.000	14.000	13.500	1.74701	0.10352651852	1993	2.75250748554	87.441035	0.0315	0.4253
14.000	15.000	14.500	1.92046	0.10595641379	1992	2.64776601938	85.607300	0.0309	0.4481
15.000	16.000	15.500	2.10561	0.10867664516	1991	2.54044948991	83.594265	0.0304	0.4712
16.000	17.000	16.500	2.30208	0.11161600000	1990	2.43030316733	81.390420	0.0299	0.4934
17.000	18.000	17.500	2.50906	0.11469988571	1989	2.31714522447	78.984850	0.0293	0.5128
18.000	19.000	18.500	2.72509	0.11784172973	1988	2.20087441675	76.367775	0.0288	0.5328
19.000	20.000	19.500	2.94791	0.12093989744	1987	2.08148360317	73.531275	0.0283	0.5519
20.000	21.000	20.500	3.17433	0.12387629268	1986	1.95907550811	70.470155	0.0278	0.5699
21.000	22.000	21.500	3.40003	0.12651274419	1985	1.83388098967	67.182975	0.0273	0.5870
22.000	23.000	22.500	3.61954	0.12869475556	1984	1.70627723980	63.673190	0.0268	0.6030
23.000	24.000	23.500	3.82617	0.13025259574	1983	1.57680356415	59.950335	0.0263	0.6181
24.000	25.000	24.500	4.01215	0.13100897959	1982	1.44617277648	56.031175	0.0258	0.6321
25.000	26.000	25.500	4.16878	0.13078525490	1981	1.31527565924	51.940710	0.0253	0.6452
26.000	27.000	26.500	4.28695	0.12941735849	1980	1.18517435254	47.712845	0.0248	0.6572
27.000	28.000	27.500	4.35777	0.12677149091	1979	1.05707992784	43.390485	0.0244	0.6710
28.000	29.000	28.500	4.37319	0.12275621053	1978	0.93231607712	39.025005	0.0239	0.6812
29.000	30.000	29.500	4.32710	0.11734508475	1977	0.81226542948	34.674860	0.0234	0.6903
30.000	31.000	30.500	4.21621	0.11058911475	1976	0.69829832973	30.403205	0.0230	0.7015
31.000	32.000	31.500	4.04061	0.10261866667	1975	0.59169443902	26.274795	0.0225	0.7088
32.000	33.000	32.500	3.80482	0.09365710769	1974	0.49355655184	22.352080	0.0221	0.7183
33.000	34.000	33.500	3.51726	0.08399426866	1973	0.40473086367	18.691040	0.0217	0.7270
34.000	35.000	34.500	3.19002	0.07397147826	1972	0.32574799021	15.337400	0.0212	0.7314
35.000	36.000	35.500	2.83741	0.06394163380	1971	0.25679143418	12.323685	0.0208	0.7384
36.000	37.000	36.500	2.47426	0.05423035616	1970	0.19770543920	9.667850	0.0204	0.7446
37.000	38.000	37.500	2.11380	0.04509440000	1969	0.14804306112	7.373820	0.0201	0.7538
38.000	39.000	38.500	1.76601	0.03669631169	1968	0.10714770527	5.433915	0.0197	0.7585
39.000	40.000	39.500	1.43675	0.02909873418	1967	0.07425018234	3.832535	0.0194	0.7663
40.000	41.000	40.500	1.12846	0.02229056790	1966	0.04855553130	2.549930	0.0190	0.7695
41.000	42.000	41.500	0.84214	0.01623402410	1965	0.02929323530	1.564630	0.0187	0.7761
42.000	43.000	42.500	0.58057	0.01092837647	1964	0.01571203501	0.853275	0.0184	0.7820
43.000	44.000	43.500	0.35101	0.00645535632	1963	0.00702016862	0.387485	0.0181	0.7874
44.000	45.000	44.500	0.16637	0.00299092135	1962	0.00229702978	0.128795	0.0178	0.7921
45.000	46.000	45.500	0.04433	0.00077942857	1961	0.00041185482	0.023445	0.0176	0.8000
46.000	46.500	46.250	0.00128	0.00002214054	1960	0.00000553514	0.000320	0.0000	0.8000
	TOTAL		100.00000						

NOTE: In the application of the annual and accrued factors, zero percent net salvage is used in the above computations and the adjustment is made when the factors are applied to the surviving costs.

Each equal life group's annual accrual, shown in column 5, equals the group's size (column 4) divided by its life (column 3) and multiplied by the quantity one minus the net salvage percent with the exception of 2006 installations. For 2006 installations, the group annual accrual is equal to the retirements during the interval multiplied by one minus the net salvage percent.

Columns 6 through 10 show the derivation of the annual factor and accrued factor for each vintage based on the information developed in the first five columns. The year installed is shown in column 6. For all vintages other than 2006, the summation of annual accruals for each year installed, shown in column 7, is calculated by adding one-half of the group annual accrual (column 5) for that vintage's current age interval plus the group annual accruals for all succeeding age intervals. For example, the figure 4.15371656172 for 2005 equals one-half of 0.24318933333 plus all of the succeeding figures in column 5. Only one-half of the annual accrual for the vintage's current age interval group is included in the summation because the equal life group for that interval has reached the year during which it is expected to be retired.

The summation of annual accruals (column 7) for installations during 2006 are calculated on the basis of an in-service date at the midpoint of the year, i.e., June 30. Inasmuch as the overall calculation is centered on December 31, 2006, the first figure in column 7, for vintage 2006, equals all of the group annual accrual for the first equal life group plus the accruals for all of the subsequent equal life groups.

The average percent surviving, derived from the Iowa 25-R2 survivor curve, is shown in column 8 for each age interval. The annual factor, shown in column 9, is the result of dividing the summation of annual accruals (column 7) by the average percent surviving (column 8).

The accrued factor, shown in column 10, equals the annual factor multiplied by the age of the group at December 31, 2006.

REMAINING LIFE ANNUAL ACCRUAL RATES

The annual depreciation accrual rates are calculated as of December 31, 2006, and based on the straight line remaining life method using the equal life group procedure. For the purpose of calculating the composite remaining life accrual rates as of December 31, 2006, the book reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account as of December 31, 2006. The remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the composite remaining life for the surviving original cost of that vintage. The composite remaining life is derived by compositing the individual equal life group remaining lives in accordance with the following equation:

$$Composite\ Remaining\ Life = \frac{\Sigma(\frac{Book\ Cost}{Life}\ x\ Remaining\ Life)}{\Sigma\frac{Book\ Cost}{Life}}$$

The book costs and lives of the several equal life groups which are summed in the foregoing equation are defined by the estimated future survivor curve.

Inasmuch as book cost divided by life equals the whole life annual accrual, the foregoing equation reduces to the following form:

$$Composite\ Remaining\ Life = \frac{\Sigma\ Whole\ Life\ Future\ Accruals}{\Sigma\ Whole\ Life\ Annual\ Accruals}$$

or

$$Composite\ Remaining\ Life = \frac{\Sigma\ Book\ Cost\ -\ Calc.\ Reserve}{\Sigma\ Whole\ Life\ Annual\ Accrual}.$$

The composite remaining life calculations were made using computer software that utilizes detailed ELG calculations of whole life future accruals and annual accruals in order to derive the vintage composite remaining lives. The annual accrual rate for each account is equal to the sum of the remaining life annual accruals divided by the total original cost. The composite remaining life is calculated by dividing the sum of the future book accruals by the sum of the remaining life annual accruals.

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

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

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

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

Account		Amortization Period, Years
ELECTRIC PLANT		
394	Tools, Shop and Garage Equipment	25
395	Laboratory Equipment	15
GAS PLANT		
394	Tools, Shop and Garage Equipment	25
395	Laboratory Equipment	15
COMMON PLANT		
391.1	Office Furniture and Equipment - Office Furniture	20
391.2	Office Furniture and Equipment - Office Equipment	15
391.3	Office Furniture and Equipment - Computer Equipment	5
391.31	Office Furniture and Equipment - Personal Computers	4
391.4	Office Furniture and Equipment - Security Equipment	10
393	Stores Equipment	25
394	Tools, Shop and Garage Equipment	25
395	Laboratory Equipment	15
397	Communication Equipment	15
397.1	Communication Equipment - Computer	15
398	Miscellaneous Equipment	10

For the purpose of calculating annual amortization amounts as of December 31, 2006, the book or ratemaking book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortization (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

III-1

PART III. RESULTS OF STUDY

PART III. RESULTS OF STUDY

QUALIFICATION OF RESULTS

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

The annual depreciation accrual rates are applicable specifically to the electric, gas and common plant in service as of December 31, 2006. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to December 31, 2006, is reasonable for a period of three to five years.

DESCRIPTION OF STATISTICAL SUPPORT

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

DESCRIPTION OF DEPRECIATION TABULATIONS

Summary tables of the results of the study, as applied to the original cost of electric, gas and common plant at December 31, 2006, is presented on pages III-4 through III-12 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 electric, gas and common plant.

The tables of the calculated annual depreciation accruals are presented in account sequence in the section titled "Depreciation Calculations." The tables indicate the estimated survivor curve and 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.

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT (1)	SURVIVOR CURVE (2)	NET SALVAGE PERCENT (3)	ORIGINAL COST (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)	CALCULATED ANNUAL ACCRUAL AMOUNT (7)	CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4)	COMPOSITE REMAINING LIFE (9)=(6)/(7)
	DEPRECIABLE PLANT								
	STEAM PRODUCTION PLANT								
311.00	STRUCTURES AND IMPROVEMENTS								
	CANE RUN UNIT 1	100-S1.5 *	(10)	4,233,981.48	4,657,380	0	0	-	-
	CANE RUN UNIT 2	100-S1.5 *	(10)	2,102,942.00	2,313,236	0	0	-	-
	CANE RUN UNIT 3	100-S1.5 *	(10)	3,532,140.00	3,885,354	0	0	-	-
	CANE RUN UNIT 4	100-S1.5 *	(10)	3,819,018.36	3,652,193	548,727	48,090	1.26	11.4
	CANE RUN-SO2 UNIT 4	100-S1.5 *	(10)	760,360.00	740,943	95,453	8,419	1.11	11.3
	CANE RUN UNIT 5	100-S1.5 *	(10)	6,165,918.13	4,902,105	1,880,404	123,433	2.00	15.2
	CANE RUN-SO2 UNIT 5	100-S1.5 *	(10)	1,696,435.00	1,439,174	426,905	28,165	1.66	15.2
	CANE RUN UNIT 6	100-S1.5 *	(10)	19,346,501.56	14,289,215	6,991,936	429,786	2.22	16.3
	CANE RUN-SO2 UNIT 6	100-S1.5 *	(10)	1,894,852.32	1,428,902	655,435	40,312	2.13	16.3
	MILL CREEK UNIT 1	100-S1.5 *	(10)	19,168,217.08	14,873,144	6,211,894	327,762	1.71	19.0
	MILL CREEK-SO2 UNIT 1	100-S1.5 *	(10)	1,716,995.50	1,323,045	565,650	29,820	1.74	19.0
	MILL CREEK UNIT 2	100-S1.5 *	(10)	10,812,787.99	8,830,804	3,063,264	162,336	1.50	18.9
	MILL CREEK-SO2 UNIT 2	100-S1.5 *	(10)	1,393,404.00	1,032,477	500,268	26,311	1.89	19.0
	MILL CREEK UNIT 3	100-S1.5 *	(10)	24,963,587.02	16,492,690	10,967,256	394,688	1.58	27.8
	MILL CREEK-SO2 UNIT 3	100-S1.5 *	(10)	362,867.00	244,888	154,266	5,567	1.53	27.7
	MILL CREEK UNIT 4	100-S1.5 *	(10)	60,311,484.02	33,672,363	32,670,270	1,158,787	1.92	28.2
	MILL CREEK-SO2 UNIT 4	100-S1.5 *	(10)	5,307,313.20	3,112,165	2,725,880	96,858	1.82	28.1
	TRIMBLE COUNTY - UNIT 1	100-S1.5 *	(10)	160,498,043.70	77,938,729	98,609,119	3,452,800	2.15	28.6
	TRIMBLE COUNTY - SO2 UNIT 1	100-S1.5 *	(10)	511,308.94	218,077	344,362	12,010	2.35	28.7
	TOTAL ACCOUNT 311 - STRUCTURES AND IMPROVEMENTS			328,598,157.30	195,046,884	166,411,089	6,345,144	1.93	26.2
312.00	BOILER PLANT EQUIPMENT								
	CANE RUN LOCOMOTIVE	25-R2	20	51,549.42	33,262	7,978	2,470	4.79	3.2
	CANE RUN LOCOMOTIVE - RAILCARS	25-R2	20	1,501,772.81	531,310	670,108	53,867	3.59	12.4
	CANE RUN UNIT 1	45-R1.5 *	(30)	1,053,742.00	1,369,865	0	0	-	-
	CANE RUN UNIT 2	45-R1.5 *	(30)	132,837.00	172,688	0	0	-	-
	CANE RUN UNIT 3	45-R1.5 *	(30)	711,484.00	924,929	0	0	-	-
	CANE RUN UNIT 4	45-R1.5 *	(30)	30,277,226.79	18,288,583	21,071,814	2,016,040	6.66	10.5
	CANE RUN-SO2 UNIT 4	45-R1.5 *	(30)	17,091,727.81	11,881,513	10,337,734	981,260	5.74	10.5
	CANE RUN UNIT 5	45-R1.5 *	(30)	34,767,159.48	13,504,758	31,692,551	2,332,399	6.71	13.6
	CANE RUN-SO2 UNIT 5	45-R1.5 *	(30)	28,107,437.90	19,098,338	17,441,331	1,298,757	4.62	13.4
	CANE RUN UNIT 6	45-R1.5 *	(30)	47,135,674.34	22,778,252	38,498,125	2,726,434	5.78	14.1
	CANE RUN-SO2 UNIT 6	45-R1.5 *	(30)	32,184,156.61	19,086,684	22,750,722	1,600,158	4.97	14.2
	MILL CREEK-LOCOMOTIVE	25-R2	20	613,424.43	364,410	126,329	24,762	4.04	5.1
	MILL CREEK-LOCOMOTIVE RAILCARS	25-R2	20	3,593,111.63	1,332,957	1,541,532	128,750	3.58	12.0
	MILL CREEK UNIT 1	45-R1.5 *	(30)	47,559,197.98	26,339,437	35,487,522	2,246,257	4.72	15.8
	MILL CREEK-SO2 UNIT 1	45-R1.5 *	(30)	42,349,730.64	20,691,298	34,363,352	2,101,740	4.96	16.3
	MILL CREEK UNIT 2	45-R1.5 *	(30)	47,357,145.83	21,853,684	39,710,608	2,472,523	5.22	16.1
	MILL CREEK-SO2 UNIT 2	45-R1.5 *	(30)	34,424,938.00	18,284,740	26,467,678	1,621,216	4.71	16.3
	MILL CREEK UNIT 3	45-R1.5 *	(30)	137,324,677.88	48,484,795	130,037,286	6,148,975	4.48	21.1
	MILL CREEK-SO2 UNIT 3	45-R1.5 *	(30)	63,097,998.79	21,582,229	60,445,168	2,762,215	4.38	21.9
	MILL CREEK UNIT 4	45-R1.5 *	(30)	237,604,471.44	82,876,873	226,008,940	10,573,987	4.45	21.4
	MILL CREEK-SO2 UNIT 4	45-R1.5 *	(30)	113,648,645.53	44,103,121	103,640,119	4,709,202	4.14	22.0
	TRIMBLE COUNTY - UNIT 1	45-R1.5 *	(30)	246,928,938.61	102,820,597	218,187,022	9,975,426	4.04	21.9
	TRIMBLE COUNTY - SO2 UNIT 1	45-R1.5 *	(30)	63,159,341.63	26,413,284	55,693,861	2,590,120	4.10	21.5
	TOTAL ACCOUNT 312 - BOILER PLANT EQUIPMENT			1,230,676,390.55	522,819,607	1,074,179,780	56,366,558	4.58	19.1

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
314.00	TURBOGENERATOR UNITS								
	CANE RUN UNIT 1	50-S1.5 *	(10)	106,008.99	116,610	0	0	-	-
	CANE RUN UNIT 2	50-S1.5 *	(10)	19,999.00	21,999	0	0	-	-
	CANE RUN UNIT 3	50-S1.5 *	(10)	581,177.00	639,295	0	0	-	-
	CANE RUN UNIT 4	50-S1.5 *	(10)	9,122,982.05	6,696,016	3,339,265	309,780	3.40	10.8
	CANE RUN UNIT 5	50-S1.5 *	(10)	7,375,364.74	5,731,823	2,381,080	178,552	2.42	13.3
	CANE RUN UNIT 6	50-S1.5 *	(10)	14,984,949.73	8,626,498	7,856,948	519,788	3.47	15.1
	MILL CREEK UNIT 1	50-S1.5 *	(10)	14,332,084.36	10,582,040	5,183,252	330,036	2.30	15.7
	MILL CREEK UNIT 2	50-S1.5 *	(10)	16,626,879.81	11,208,486	7,081,084	434,898	2.62	16.3
	MILL CREEK UNIT 3	50-S1.5 *	(10)	27,112,329.06	16,947,408	12,876,153	618,480	2.28	20.8
	MILL CREEK UNIT 4	50-S1.5 *	(10)	42,108,819.15	23,847,796	22,471,905	1,032,197	2.45	21.8
	TRIMBLE COUNTY - UNIT 1	50-S1.5 *	(10)	66,954,098.52	32,201,487	41,448,022	1,796,816	2.68	23.1
	TOTAL ACCOUNT 314 - TURBOGENERATOR UNITS			199,324,692.41	116,619,458	102,637,709	5,220,547	2.62	19.7
315.00	ACCESSORY ELECTRIC EQUIPMENT								
	CANE RUN UNIT 1	50-S2 *	(5)	1,891,012.00	1,985,563	0	0	-	-
	CANE RUN UNIT 2	50-S2 *	(5)	1,277,223.00	1,341,084	0	0	-	-
	CANE RUN UNIT 3	50-S2 *	(5)	767,325.00	805,691	0	0	-	-
	CANE RUN UNIT 4	50-S2 *	(5)	5,474,319.06	3,637,429	2,110,606	185,974	3.40	11.3
	CANE RUN-SO2 UNIT 4	50-S2 *	(5)	987,949.00	925,415	111,931	11,019	1.12	10.2
	CANE RUN UNIT 5	50-S2 *	(5)	6,856,291.05	3,999,065	3,200,040	214,025	3.12	15.0
	CANE RUN-SO2 UNIT 5	50-S2 *	(5)	2,216,498.98	1,831,913	495,413	36,996	1.67	13.4
	CANE RUN UNIT 6	50-S2 *	(5)	8,571,566.71	5,058,977	3,941,167	251,391	2.93	15.7
	CANE RUN-SO2 UNIT 6	50-S2 *	(5)	2,124,667.00	1,756,831	474,070	34,157	1.61	13.9
	MILL CREEK UNIT 1	50-S2 *	(5)	14,425,285.62	7,663,999	7,482,552	410,132	2.84	18.2
	MILL CREEK-SO2 UNIT 1	50-S2 *	(5)	5,541,695.00	4,219,198	1,599,582	99,693	1.80	16.0
	MILL CREEK UNIT 2	50-S2 *	(5)	6,428,715.51	4,407,033	2,343,119	136,760	2.13	17.1
	MILL CREEK-SO2 UNIT 2	50-S2 *	(5)	4,505,053.40	3,408,426	1,321,880	82,399	1.83	16.0
	MILL CREEK UNIT 3	50-S2 *	(5)	13,482,711.00	9,859,013	4,297,834	221,163	1.64	19.4
	MILL CREEK-SO2 UNIT 3	50-S2 *	(5)	2,531,773.00	1,869,107	789,255	41,010	1.62	19.2
	MILL CREEK UNIT 4	50-S2 *	(5)	20,755,277.95	13,839,245	7,953,796	383,791	1.85	20.7
	MILL CREEK-SO2 UNIT 4	50-S2 *	(5)	5,864,978.52	4,000,224	2,158,003	105,878	1.81	20.4
	TRIMBLE COUNTY - UNIT 1	50-S2 *	(5)	56,269,846.00	28,932,620	30,150,719	1,281,579	2.28	23.5
	TRIMBLE COUNTY - SO2 UNIT 1	50-S2 *	(5)	2,736,920.00	1,409,344	1,464,422	62,279	2.28	23.5
	TOTAL ACCOUNT 315 - ACCESSORY ELECTRIC EQUIPMENT			162,709,107.80	100,950,177	69,894,389	3,558,246	2.19	19.6
316.00	MISCELLANEOUS PLANT EQUIPMENT								
	CANE RUN UNIT 1	40-S2 *	(5)	38,746.00	40,683	0	0	-	-
	CANE RUN UNIT 3	40-S2 *	(5)	11,665.00	12,248	0	0	-	-
	CANE RUN UNIT 4	40-S2 *	(5)	71,143.38	22,270	52,430	4,624	6.50	11.3
	CANE RUN-SO2 UNIT 4	40-S2 *	(5)	6,464.00	4,941	1,846	204	3.16	9.0
	CANE RUN UNIT 5	40-S2 *	(5)	80,865.51	16,978	67,930	4,473	5.53	15.2
	CANE RUN-SO2 UNIT 5	40-S2 *	(5)	47,299.00	32,551	17,112	1,478	3.12	11.6
	CANE RUN UNIT 6	40-S2 *	(5)	2,707,943.48	981,898	1,861,444	122,063	4.51	15.2
	CANE RUN-SO2 UNIT 6	40-S2 *	(5)	31,569.00	22,215	10,933	942	2.98	11.6
	MILL CREEK UNIT 1	40-S2 *	(5)	696,198.16	393,771	337,237	23,454	3.37	14.4
	MILL CREEK UNIT 2	40-S2 *	(5)	112,007.80	70,170	47,439	3,474	3.10	13.7
	MILL CREEK UNIT 3	40-S2 *	(5)	318,625.00	205,205	129,352	8,883	2.79	14.6
	MILL CREEK UNIT 4	40-S2 *	(5)	5,198,564.77	1,641,175	3,817,319	170,528	3.28	22.4
	MILL CREEK-SO2 UNIT 4	40-S2 *	(5)	53,006.66	26,501	29,156	1,602	3.02	18.2
	TRIMBLE COUNTY - UNIT 1	40-S2 *	(5)	2,574,446.81	1,009,526	1,693,644	81,361	3.16	20.8
	TOTAL ACCOUNT 316 - MISCELLANEOUS PLANT EQUIPMENT			11,948,544.57	4,480,132	8,065,842	423,086	3.54	19.1
	TOTAL STEAM PRODUCTION PLANT			**1,933,256,892.63**	**939,916,258**	**1,421,188,809**	**71,913,581**		

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT (1)	SURVIVOR CURVE (2)		NET SALVAGE PERCENT (3)	ORIGINAL COST (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)	CALCULATED ANNUAL ACCRUAL AMOUNT (7)	CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4)	COMPOSITE REMAINING LIFE (9)=(6)/(7)
	HYDROELECTRIC PRODUCTION PLANT									
331.00	STRUCTURES AND IMPROVEMENTS									
	OHIO FALLS - NON-PROJECT	100-S2.5	*	(5)	65,796.14	58,523	10,563	359	0.55	29.4
	OHIO FALLS - PROJECT 289	100-S2.5	*	(5)	5,412,307.69	5,560,595	122,330	4,152	0.08	29.5
	TOTAL ACCOUNT 331 - STRUCTURES AND IMPROVEMENTS				5,478,103.83	5,619,118	132,893	4,511	0.08	29.5
332.00	RESERVOIRS, DAMS & WATERWAY									
	OHIO FALLS - PROJECT 289	100-S2.5	*	(5)	4,949,177.35	398,171	4,798,465	163,256	3.30	29.4
	TOTAL ACCOUNT 332 - RESERVOIRS, DAMS & WATERWAY				4,949,177.35	398,171	4,798,465	163,256	3.30	29.4
333.00	WATER WHEELS, TURBINES & GENERATORS									
	OHIO FALLS - PROJECT 289	100-S2.5	*	(10)	2,674,579.62	2,747,041	194,997	6,624	0.25	29.4
	TOTAL ACCOUNT 333 - WATER WHEELS, TURBINES & GENERATORS				2,674,579.62	2,747,041	194,997	6,624	0.25	29.4
334.00	ACCESSORY ELECTRIC EQUIPMENT									
	OHIO FALLS - PROJECT 289	80-S4	*	(5)	4,392,875.71	859,630	3,752,888	129,626	2.95	29.0
	TOTAL ACCOUNT 334 - ACCESSORY ELECTRIC EQUIPMENT				4,392,875.71	859,630	3,752,888	129,626	2.95	29.0
335.00	MISCELLANEOUS PLANT EQUIPMENT									
	OHIO FALLS - NON-PROJECT	80-S3	*	(10)	7,813.67	5,368	3,227	131	1.68	24.6
	OHIO FALLS - PROJECT 289	80-S3	*	(10)	171,179.25	80,887	107,409	3,953	2.31	27.2
	TOTAL ACCOUNT 335 - MISCELLANEOUS PLANT EQUIPMENT				178,992.92	86,255	110,636	4,084	2.28	27.1
336.00	ROADS, RAILROADS & BRIDGES									
	OHIO FALLS - NON-PROJECT	80-S4	*	0	1,133.98	1,134	0	0	-	-
	OHIO FALLS - PROJECT 289	80-S4	*	0	178,846.99	219,873	(41,027)	0	-	-
	TOTAL ACCOUTN 336 - ROADS, RAILROADS & BRIDGES				179,980.97	221,007	(41,027)	0		
	TOTAL HYDROELECTRIC PRODUCTION PLANT				**17,853,710.40**	**9,931,222**	**8,948,852**	**308,101**		
	OTHER PRODUCTION PLANT									
341.00	STRUCTURES AND IMPROVEMENTS									
	CANE RUN GT 11	55-R3	*	(5)	68,931.71	66,903	5,475	1,607	2.33	3.4
	ZORN AND RIVER ROAD GAS TURBINE	55-R3	*	(5)	8,241.14	8,217	436	131	1.59	3.3
	PADDY'S RUN-GENERATOR 12	55-R3	*	(5)	42,864.53	42,742	2,266	678	1.58	3.3
	PADDY'S RUN-GENERATOR 13	55-R3	*	(5)	2,158,698.12	390,108	1,876,525	67,965	3.15	27.6
	BROWN COMBUSTION TURBINE #5	55-R3	*	(5)	858,538.64	155,165	746,301	27,030	3.15	27.6
	E W BROWN # 6	55-R3	*	(5)	105,977.86	15,205	96,072	3,484	3.29	27.6
	E W BROWN # 7	55-R3	*	(5)	144,356.29	22,970	128,605	4,666	3.23	27.6

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

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	ACCOUNT (1)	SURVIVOR CURVE (2)		NET SALVAGE PERCENT (3)	ORIGINAL COST (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)	CALCULATED ANNUAL ACCRUAL AMOUNT (7)	CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4)	COMPOSITE REMAINING LIFE (9)=(6)/(7)
341.00	STRUCTURES AND IMPROVEMENTS, cont.									
	TRIMBLE COUNTY #5	55-R3	*	(5)	1,555,655.08	228,038	1,405,400	50,808	3.27	27.7
	TRIMBLE COUNTY #6	55-R3	*	(5)	1,467,923.89	223,033	1,318,287	47,676	3.25	27.7
	TRIMBLE COUNTY #7	55-R3	*	(5)	2,083,698.13	187,091	2,000,792	71,971	3.45	27.8
	TRIMBLE COUNTY #8	55-R3	*	(5)	2,075,526.50	186,357	1,992,946	71,689	3.45	27.8
	TRIMBLE COUNTY #9	55-R3	*	(5)	2,137,402.33	191,913	2,052,359	73,826	3.45	27.8
	TRIMBLE COUNTY #10	55-R3	*	(5)	2,132,789.69	191,499	2,047,930	73,667	3.45	27.8
	TOTAL ACCOUNT 341 - STRUCTURES AND IMPROVEMENTS				14,840,603.91	1,909,241	13,673,394	495,198	3.34	27.6
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES									
	CANE RUN GT 11	50-R3	*	(5)	118,873.81	104,677	20,140	5,816	4.89	3.5
	ZORN AND RIVER ROAD GAS TURBINE	50-R3	*	(5)	12,801.77	12,720	722	216	1.69	3.3
	PADDY'S RUN-GENERATOR 11	50-R3	*	(5)	9,237.57	9,179	520	156	1.69	3.3
	PADDY'S RUN-GENERATOR 12	50-R3	*	(5)	12,197.11	12,000	807	239	1.96	3.4
	PADDY'S RUN-GENERATOR 13	50-R3	*	(5)	2,255,338.17	410,223	1,957,883	72,314	3.21	27.1
	BROWN COMBUSTION TURBINE #5	50-R3	*	(5)	822,580.92	150,646	713,064	26,341	3.20	27.1
	E W BROWN # 6	50-R3	*	(5)	363,762.04	76,691	305,259	11,331	3.11	26.9
	E W BROWN # 7	50-R3	*	(5)	102,065.03	21,519	85,649	3,179	3.11	26.9
	TRIMBLE COUNTY #5	50-R3	*	(5)	97,996.90	15,022	87,875	3,225	3.29	27.2
	TRIMBLE COUNTY #6	50-R3	*	(5)	97,861.58	15,007	87,748	3,222	3.29	27.2
	TRIMBLE COUNTY CT PIPELINE	50-R3	*	(5)	1,998,390.62	291,168	1,807,142	66,290	3.32	27.3
	TRIMBLE COUNTY #7	50-R3	*	(5)	338,423.07	30,646	324,698	11,833	3.50	27.4
	TRIMBLE COUNTY #8	50-R3	*	(5)	337,096.18	30,526	323,425	11,787	3.50	27.4
	TRIMBLE COUNTY #9	50-R3	*	(5)	347,146.53	31,436	333,068	12,138	3.50	27.4
	TRIMBLE COUNTY #10	50-R3	*	(5)	346,397.46	31,368	332,349	12,112	3.50	27.4
	TOTAL ACCOUNT 342 - FUEL HOLDERS, PRODUCERS AND ACCESSORIES				7,260,168.76	1,242,828	6,380,349	240,199	3.31	26.6
343.00	PRIME MOVERS									
	PADDY'S RUN-GENERATOR 13	30-R2	*	(5)	19,700,979.24	3,360,331	17,325,697	905,539	4.60	19.1
	BROWN COMBUSTION TURBINE #5	30-R2	*	(5)	14,310,573.52	2,411,742	12,614,360	659,452	4.61	19.1
	E W BROWN # 6	30-R2	*	(5)	15,937,077.55	2,705,722	14,028,210	745,907	4.68	18.8
	E W BROWN # 7	30-R2	*	(5)	22,587,247.07	4,531,555	19,185,054	1,039,091	4.60	18.5
	TRIMBLE COUNTY #5	30-R2	*	(5)	12,521,829.34	1,783,062	11,364,859	584,956	4.67	19.4
	TRIMBLE COUNTY #6	30-R2	*	(5)	12,417,418.76	1,775,849	11,262,441	579,749	4.67	19.4
	TRIMBLE COUNTY #7	30-R2	*	(5)	13,328,713.85	1,137,798	12,857,352	650,517	4.88	19.8
	TRIMBLE COUNTY #8	30-R2	*	(5)	13,203,748.83	1,123,917	12,740,019	644,950	4.88	19.8
	TRIMBLE COUNTY #9	30-R2	*	(5)	13,094,377.92	1,114,773	12,634,324	639,592	4.88	19.8
	TRIMBLE COUNTY #10	30-R2	*	(5)	13,055,699.41	1,111,447	12,597,037	637,706	4.88	19.8
	TOTAL ACCOUNT 343 - PRIME MOVERS				150,157,665.49	21,056,196	136,609,353	7,087,459	4.72	19.3
344.00	GENERATORS									
	CANE RUN GT 11	60-S3	*	(5)	2,492,497.42	2,116,814	500,308	142,925	5.73	3.5
	ZORN AND RIVER ROAD GAS TURBINE	60-S3	*	(5)	1,827,580.88	1,745,880	173,080	49,379	2.70	3.5
	PADDY'S RUN-GENERATOR 11	60-S3	*	(5)	1,523,115.56	1,453,449	145,822	41,664	2.74	3.5
	PADDY'S RUN-GENERATOR 12	60-S3	*	(5)	2,991,745.77	2,866,000	275,334	78,674	2.63	3.5
	PADDY'S RUN-GENERATOR 13	60-S3	*	(5)	5,859,857.43	1,010,223	5,142,627	175,996	3.00	29.2
	BROWN COMBUSTION TURBINE #5	60-S3	*	(5)	3,219,204.90	555,053	2,825,112	96,684	3.00	29.2
	E W BROWN # 6	60-S3	*	(5)	2,417,994.54	480,971	2,057,923	70,743	2.93	29.1
	E W BROWN # 7	60-S3	*	(5)	2,421,079.26	481,585	2,060,548	70,834	2.93	29.1
	TRIMBLE COUNTY #5	60-S3	*	(5)	1,539,295.24	222,522	1,393,738	47,599	3.09	29.3
	TRIMBLE COUNTY #6	60-S3	*	(5)	1,537,167.60	222,292	1,391,734	47,531	3.09	29.3

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
344.00	GENERATORS, cont.									
	TRIMBLE COUNTY #7	60-S3	*	(5)	1,726,823.88	147,585	1,665,580	56,749	3.29	29.3
	TRIMBLE COUNTY #8	60-S3	*	(5)	1,717,276.72	146,770	1,656,371	56,435	3.29	29.4
	TRIMBLE COUNTY #9	60-S3	*	(5)	1,728,008.37	147,687	1,666,722	56,788	3.29	29.3
	TRIMBLE COUNTY #10	60-S3	*	(5)	1,722,674.29	147,230	1,661,578	56,613	3.29	29.3
	TOTAL ACCOUNT 344 - GENERATORS				32,724,321.86	11,744,061	22,616,477	1,048,614	3.20	21.6
345.00	ACCESSORY ELECTRIC EQUIPMENT									
	CANE RUN GT 11	35-S1.5	*	0	113,683.82	97,707	15,976	5,228	4.60	3.1
	ZORN AND RIVER ROAD GAS TURBINE	35-S1.5	*	0	40,936.08	35,364	5,572	1,844	4.50	3.0
	PADDY'S RUN-GENERATOR 11	35-S1.5	*	0	68,109.35	54,130	13,979	4,311	6.33	3.2
	PADDY'S RUN-GENERATOR 12	35-S1.5	*	0	114,337.63	92,540	21,797	6,775	5.93	3.2
	PADDY'S RUN-GENERATOR 13	35-S1.5	*	0	2,778,992.60	523,169	2,255,824	103,379	3.72	21.8
	BROWN COMBUSTION TURBINE #5	35-S1.5	*	0	2,575,301.42	484,889	2,090,412	95,800	3.72	21.8
	E W BROWN # 6	35-S1.5	*	0	942,589.47	206,351	736,238	34,598	3.67	21.3
	E W BROWN # 7	35-S1.5	*	0	943,792.03	206,613	737,179	34,642	3.67	21.3
	TRIMBLE COUNTY #5	35-S1.5	*	0	685,978.69	107,399	578,580	25,924	3.78	22.3
	TRIMBLE COUNTY #6	35-S1.5	*	0	685,031.13	107,290	577,742	25,887	3.78	22.3
	TRIMBLE COUNTY #7	35-S1.5	*	0	1,841,955.15	166,293	1,675,662	71,579	3.89	23.4
	TRIMBLE COUNTY #8	35-S1.5	*	0	1,834,731.90	165,641	1,669,091	71,298	3.89	23.4
	TRIMBLE COUNTY #9	35-S1.5	*	0	1,889,431.09	170,579	1,718,852	73,424	3.89	23.4
	TRIMBLE COUNTY #10	35-S1.5	*	0	1,885,353.63	170,211	1,715,143	73,265	3.89	23.4
	TOTAL ACCOUNT 345 - ACCESSORY ELECTRIC EQUIPMENT				16,400,223.99	2,588,176	13,812,047	627,954	3.83	22.0
346.00	MISCELLANEOUS PLANT EQUIPMENT									
	PADDY'S RUN-GENERATOR 12	50-S3	*	0	1,140.74	1,141	0	0	0.00	-
	PADDY'S RUN-GENERATOR 13	50-S3	*	0	1,260,054.85	238,779	1,021,276	35,671	2.83	28.6
	BROWN COMBUSTION TURBINE #5	50-S3	*	0	2,370,656.38	449,314	1,921,342	67,109	2.83	28.6
	E W BROWN # 6	50-S3	*	0	22,455.77	3,860	18,596	647	2.88	28.7
	E W BROWN # 7	50-S3	*	0	23,047.78	3,937	19,110	665	2.89	28.7
	TRIMBLE COUNTY #5	50-S3	*	0	8,937.45	516	8,421	290	3.24	29.0
	TRIMBLE COUNTY #7	50-S3	*	0	5,204.51	486	4,719	163	3.13	29.0
	TRIMBLE COUNTY #8	50-S3	*	0	5,182.59	483	4,700	162	3.13	29.0
	TRIMBLE COUNTY #9	50-S3	*	0	5,328.44	498	4,830	166	3.12	29.1
	TRIMBLE COUNTY #10	50-S3	*	0	5,316.29	496	4,820	166	3.12	29.0
	TOTAL ACCOUNT 346 - MISCELLANEOUS PLANT EQUIPMENT				3,707,324.80	699,510	3,007,814	105,039	2.83	28.6
	TOTAL OTHER PRODUCTION PLANT				**225,090,308.81**	**39,240,012**	**196,099,434**	**9,604,463**		
	TRANSMISSION PLANT									
350.10	LAND AND LAND RIGHTS	50-R3		0	2,592,773.81	1,167,041	1,425,733	111,617	4.30	12.8
352.10	STRUCTURES AND IMPROVEMENTS	60-R2.5		(10)	3,426,227.89	1,812,349	1,956,505	48,654	1.42	40.2
353.10	STATION EQUIPMENT	55-R2.5		(10)	132,246,587.81	73,308,244	72,163,005	2,106,627	1.59	34.3
354.00	TOWERS AND FIXTURES	65-R3		(40)	24,705,991.57	20,296,034	14,292,355	389,647	1.58	36.7
355.00	POLES AND FIXTURES	50-R2		(50)	32,698,136.55	13,553,263	35,493,941	1,206,886	3.69	29.4
356.00	OVERHEAD CONDUCTORS AND DEVICES	50-R2		(40)	36,319,311.94	19,821,363	31,025,673	1,141,709	3.14	27.2
357.00	UNDERGROUND CONDUIT	50-R3		0	1,880,752.49	445,471	1,435,282	40,125	2.13	35.8
358.00	UNDERGROUND CONDUCTORS AND DEVICES	30-R3		0	5,303,988.77	1,567,760	3,736,229	223,050	4.21	16.8
	TOTAL TRANSMISSION PLANT				**239,173,770.83**	**131,971,525**	**161,528,723**	**5,268,315**		

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT (1)	SURVIVOR CURVE (2)	NET SALVAGE PERCENT (3)	ORIGINAL COST (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)	CALCULATED ANNUAL ACCRUAL AMOUNT (7)	CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4)	COMPOSITE REMAINING LIFE (9)=(6)/(7)
	DISTRIBUTION PLANT								
361.00	STRUCTURES AND IMPROVMENTS	60-R3	(20)	6,416,608.23	4,796,994	2,902,939	74,470	1.16	39.0
362.00	STATION EQUIPMENT	55-R1.5	(15)	85,588,876.42	46,104,182	52,323,031	1,634,064	1.91	32.0
364.00	POLES, TOWERS, AND FIXTURES	50-R2.5	(60)	103,127,752.92	57,472,587	107,531,817	3,699,821	3.59	29.1
365.00	OVERHEAD CONDUCTORS AND DEVICES	45-R1.5	(50)	173,009,057.04	80,947,114	178,566,479	6,781,534	3.92	26.3
366.00	UNDERGOUND CONDUIT	70-R4	(10)	61,734,265.50	22,506,113	45,401,580	828,666	1.34	54.8
367.00	UNDERGROUND CONDUCTORS AND DEVICES	50-R2	(15)	90,008,517.11	39,454,568	64,055,231	2,012,085	2.24	31.8
368.00	LINE TRANSFORMERS	45-R1.5	(20)	107,982,342.81	50,507,529	79,071,282	3,134,367	2.90	25.2
369.10	SERVICES - UNDERGROUND	45-R1.5	(35)	3,524,148.10	1,645,420	3,112,179	116,035	3.29	26.8
369.20	SERVICES - OVERHEAD	45-S1.5	(100)	21,039,200.67	15,017,775	27,060,626	1,259,875	5.99	21.5
370.00	METERS	30-R2	(5)	34,382,670.04	14,743,379	21,358,427	1,626,657	4.73	13.1
373.10	STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD	30-L1	(20)	23,772,667.59	14,545,574	13,981,630	912,711	3.84	15.3
373.20	STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND	35-R1.5	(20)	40,882,602.84	15,306,457	33,752,667	1,609,793	3.94	21.0
373.40	STREET LIGHTING AND SIGNAL SYSTEMS - TRANSFORMERS	26-R0.5	0	87,546.43	89,351	(1,806)	0	-	-
	TOTAL DISTRIBUTION PLANT			**751,556,255.70**	**363,137,043**	**629,116,082**	**23,690,078**		
	GENERAL PLANT								
392.20	TRANSPORTATION EQUIPMENT - TRAILERS	30-S4	5	587,518.21	198,471	359,673	22,560	3.84	15.9
394.00	*TOOLS, SHOP AND GARAGE EQUIPMENT*	25-SQ	0	3,155,932.55	960,829	2,195,103	138,637	4.39	15.8
395.00	LABORATORY EQUIPMENT	15-SQ	0	1,503,831.33	805,480	698,351	455,981	30.32	1.5
396.20	POWER OPERATED EQUIPMENT - OTHER	30-R1.5	0	51,067.69	21,151	29,917	1,957	3.83	15.3
	TOTAL GENERAL PLANT			**5,298,349.78**	**1,985,931**	**3,283,044**	**619,135**		
	TOTAL DEPRECIABLE PLANT			**3,172,229,288.15**	**1,486,181,991**	**2,420,164,944**	**111,403,673**		
	NONDEPRECIABLE PLANT								
301.00	ORGANIZATION			2,240.29					
302.00	FRANCHISE AND CONSENTS			100.00	100				
310.10	LAND			6,303,853.30					
330.10	LAND			13.00					
340.10	LAND			49,258.87					
350.10	LAND			888,237.78					
360.10	LAND			1,984,544.32					
	TOTAL NONDEPRECIABLE PLANT			**9,228,247.56**	**100**				
	ACCOUNTS NOT STUDIED								
392.10	TRANSPORTATION EQUIPMENT - CARS AND TRUCKS			9,303,252.82	9,145,641				
396.10	POWER OPERATED EQUIPMENT - HOURLY RATED			2,285,136.20	2,231,071				
	TOTAL ACCOUNTS NOT STUDIED			**11,588,389.02**	**11,376,712**				
	TOTAL ELECTRIC PLANT			**3,193,045,924.73**	**1,497,558,803**	**2,420,164,944**	**111,403,673**		

* LIFE SPAN PROCEDURE IS USED. CURVE SHOWN IS INTERIM SURVIVOR CURVE

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

TABLE 2. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
	DEPRECIABLE PLANT								
	PRODUCTION PLANT								
350.20	RIGHTS OF WAY	55-R4	0	63,678.14	70,451	(6,773)	0	-	-
351.20	COMPRESSOR STATION STRUCTURES	50-R2.5	(5)	1,696,319.20	743,281	1,037,855	28,509	1.68	36.4
351.30	MEASURING AND REGULATING STATION STRUCTURES	55-R2.5	(5)	10,879.61	14,474	(3,050)	0	-	-
351.40	OTHER STRUCTURES	50-R3	(5)	1,236,356.49	807,089	491,085	13,172	1.07	37.3
352.10	STORAGE LEASEHOLDS AND RIGHTS	65-R4	0	548,241.14	569,590	(21,349)	0	-	-
352.20	RESERVOIRS	55-R4	0	400,511.40	446,270	(45,759)	0	-	-
352.30	NONRECOVERABLE NATURAL GAS	50-SQ	0	9,648,855.00	7,165,705	2,483,150	88,298	0.92	28.1
352.40	WELL DRILLING	55-R2.5	(20)	2,622,897.61	2,710,350	437,125	11,504	0.44	38.0
352.50	WELL EQUIPMENT	50-R2.5	(20)	6,142,762.54	728,355	6,642,963	248,732	4.05	26.7
353.00	LINES	45-S1	(10)	12,786,744.73	6,643,582	7,421,838	271,652	2.12	27.3
354.00	COMPRESSOR STATION EQUIPMENT	50-R3	(5)	13,961,769.92	6,978,446	7,681,418	205,495	1.47	37.4
355.00	MEASURING AND REGULATING EQUIPMENT	40-R1	(5)	387,809.47	252,799	154,402	6,677	1.72	23.1
356.00	PURIFICATION EQUIPMENT	45-R2	(15)	9,934,256.85	4,093,652	7,330,742	241,956	2.44	30.3
357.00	OTHER EQUIPMENT	40-R2	0	1,033,211.58	269,736	763,476	29,031	2.81	26.3
	TOTAL PRODUCTION PLANT			**60,474,293.68**	**31,493,780**	**34,367,123**	**1,145,026**	**1.89**	**30.0**
	TRANSMISSION PLANT								
365.20	RIGHTS OF WAY	65-S3	0	220,659.05	199,377	21,282	655	0.30	32.5
367.00	MAINS	65-R2.5	(10)	12,673,432.30	11,578,244	2,362,536	56,156	0.44	42.1
	TOTAL TRANSMISSION PLANT			**12,894,091.35**	**11,777,621**	**2,383,818**	**56,811**	**0.44**	**42.0**
	DISTRIBUTION PLANT								
374.22	OTHER DISTRIBUTION LAND RIGHTS	65-S3	0	74,018.23	72,775	1,242	28	0.04	44.4
375.10	STRUCTURES & IMPROVEMENTS - CITY GATE STATION	55-R3	(5)	224,018.51	112,776	122,443	2,764	1.23	44.3
375.20	STRUCTURES & IMPROVEMENTS - OTHER DISTRIBUTION	30-L1	(5)	505,354.95	96,486	434,139	38,955	7.71	11.1
376.00	MAINS	65-R2.5	(30)	262,334,573.57	92,672,522	248,362,426	5,656,026	2.16	43.9
378.00	MEASURING AND REGULATING STATION EQUIP - GENERAL	41-S0	(10)	7,853,390.14	1,861,536	6,777,193	288,766	3.68	23.5
379.00	MEASURING AND REGULATING STATION EQUIP - CITY GATE	45-S1	(15)	3,846,544.97	1,301,803	3,121,721	113,941	2.96	27.4
380.00	SERVICES	42-S0	(55)	125,366,090.71	47,057,089	147,260,348	6,308,119	5.03	23.3
381.00	METERS	31-R1.5	0	21,171,719.50	3,872,688	17,299,033	1,103,358	5.21	15.7
382.00	METER INSTALLATIONS	20-L0	0	9,136,341.11	(817,817)	9,954,158	1,020,340	11.17	9.8
383.00	HOUSE REGULATORS	45-R3	(5)	4,598,091.61	1,202,930	3,625,064	119,212	2.59	30.4
384.00	HOUSE REGULATOR INSTALLATIONS	45-R2	(5)	4,707,358.65	513,259	4,429,471	149,262	3.17	29.7
385.00	MEASURING AND REGULATING STATION EQUIPMENT	40-S2.5	0	159,361.88	114,537	44,825	1,699	1.07	26.4
387.00	OTHER EQUIPMENT	40-S2	0	51,112.34	10,802	40,311	2,038	3.99	19.8
	TOTAL DISTRIBUTION PLANT			**440,027,976.17**	**148,071,386**	**441,472,374**	**14,804,508**	**3.36**	**29.8**

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

TABLE 2. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

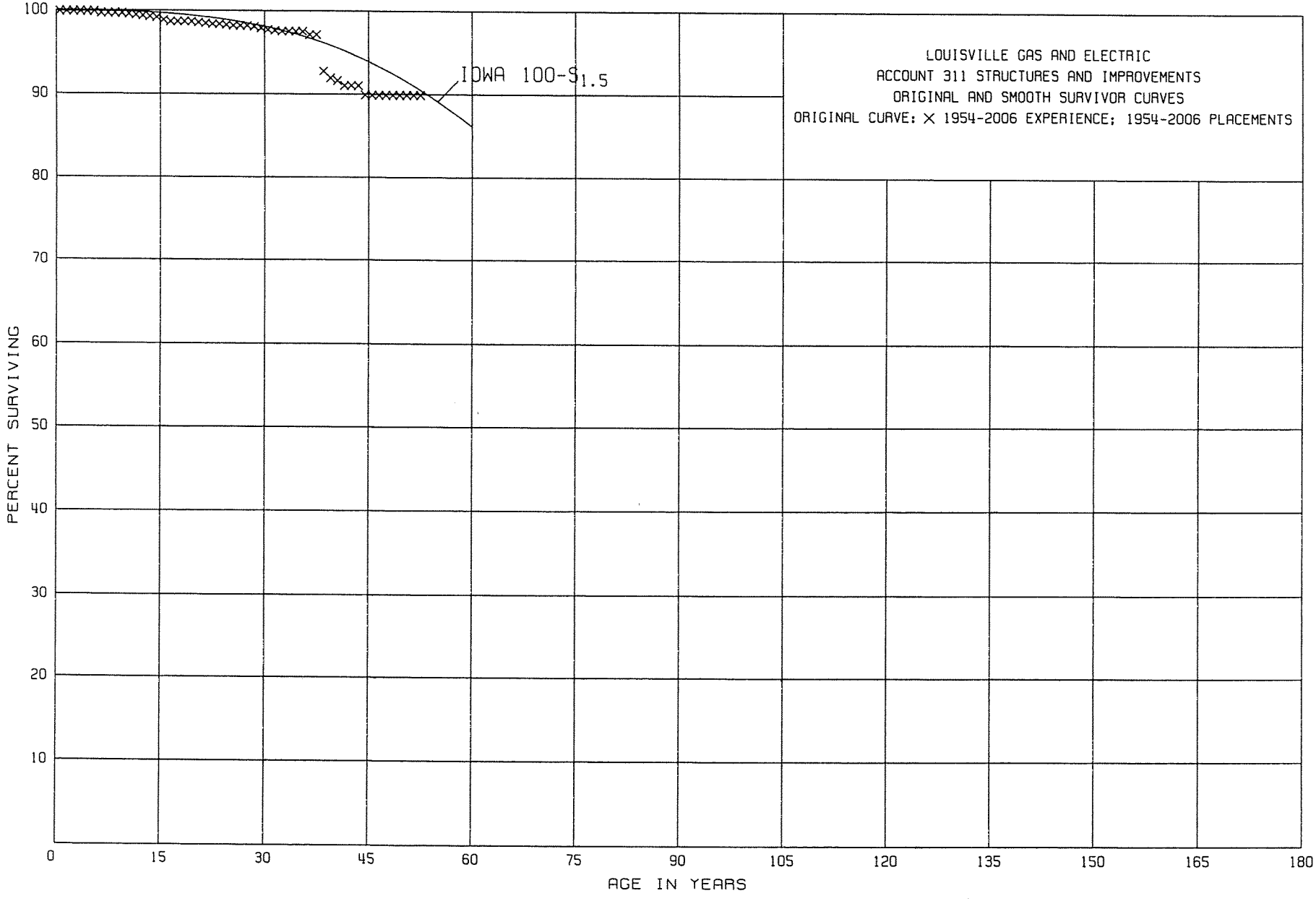
	ACCOUNT (1)	SURVIVOR CURVE (2)	NET SALVAGE PERCENT (3)	ORIGINAL COST (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)	CALCULATED ANNUAL ACCRUAL AMOUNT (7)	CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4)	COMPOSITE REMAINING LIFE (9)=(6)/(7)
	GENERAL PLANT								
392.20	TRANSPORTATION EQUIPMENT - TRAILERS	20-L1	5	474,814.36	131,916	319,157	31,171	6.56	10.2
394.00	TOOLS, SHOP, AND GARAGE EQUIPMENT	25-SQ	0	3,474,777.85	1,139,401	2,335,377	162,575	4.68	14.4
395.00	LABORATORY EQUIPMENT	15-SQ	0	439,513.20	258,930	180,583	158,291	36.02	1.1
396.20	POWER OPERATED EQUIPMENT - OTHER	25-R1.5	5	53,369.30	32,879	17,822	1,733	3.25	10.3
	TOTAL GENERAL PLANT			**4,442,474.71**	**1,563,126**	**2,852,939**	**353,770**	**7.96**	**8.1**
	TOTAL DEPRECIABLE PLANT			**517,838,835.91**	**192,905,913**	**481,076,254**	**16,360,115**	**3.16**	**29.4**
	NONDEPRECIABLE PLANT								
302.00	FRANCHISE AND CONSENTS			1,187.49	800				
350.10	LAND			32,864.07					
374.11	LAND			7,586.67					
374.12	LAND			54,457.06					
	TOTAL NONDEPRECIABLE PLANT			**96,095.29**	**800**				
	ACCOUNTS NOT STUDIED								
392.10	TRANSPORTATION EQUIPMENT - CARS AND TRUCKS			2,912,871.76	2,888,074				
396.10	POWER OPERATED EQUIPMENT - HOURLY RATED			2,990,887.40	2,337,592				
	TOTAL ACCOUNTS NOT STUDIED			**5,903,759.16**	**5,225,666**				
	TOTAL GAS PLANT			**523,838,690.36**	**198,132,379**	**481,076,254**	**16,360,115**		

LOUISVILLE GAS AND ELECTRIC
COMMON PLANT

TABLE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES AS OF DECEMBER 31, 2006

	ACCOUNT (1)	SURVIVOR CURVE (2)	NET SALVAGE PERCENT (3)	ORIGINAL COST (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)	CALCULATED ANNUAL ACCRUAL AMOUNT (7)	CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4)	COMPOSITE REMAINING LIFE (9)=(6)/(7)
	DEPRECIABLE PLANT								
	STRUCTURES AND IMPROVEMENTS								
390.10	GENERAL OFFICE	35-R2	(10)	49,324,994.87	14,956,690	39,300,806	1,975,588	4.01	19.9
390.20	TRANSPORTATION	25-R2.5	(5)	431,573.62	(751,201)	1,204,355	125,961	29.19	9.6
390.30	STORES	45-R3	(5)	10,929,115.62	6,757,968	4,717,604	188,048	1.72	25.1
390.40	SHOPS	45-R4	(5)	589,466.55	301,465	317,476	8,624	1.46	36.8
390.60	MICROWAVE	45-R3	(5)	855,652.76	141,684	756,754	22,838	2.67	33.1
	OFFICE FURNITURE AND EQUIPMENT								
391.10	FURNITURE	20-SQ	0	12,512,975.03	7,559,547	4,953,428	758,143	6.06	6.5
391.20	EQUIPMENT	15-SQ	0	3,342,047.27	2,433,715	908,331	297,134	8.89	3.1
391.30	COMPUTER EQUIPMENT	5-SQ	0	19,219,230.99	9,693,676	9,525,555	4,237,208	22.05	2.2
391.31	PERSONAL COMPUTER	4-SQ	0	1,217,943.37	271,695	946,249	319,003	26.19	3.0
391.40	SECURITY EQUIPMENT	10-SQ	0	2,554,508.44	1,702,665	851,844	178,458	6.99	4.8
392.20	TRANSPORTATION EQUIPMENT - TRAILERS	27-O1	5	63,404.28	27,626	32,608	2,221	3.50	14.7
393.00	STORES EQUIPMENT	25-SQ	0	1,210,653.40	414,144	796,509	67,785	5.60	11.8
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT	25-SQ	0	3,470,364.28	672,910	2,797,454	179,536	5.17	15.6
395.00	LABORATORY EQUIPMENT	15-SQ	0	22,281.50	8,637	13,645	13,645	61.24	1.0
396.20	POWER OPERATED EQUIPMENT - OTHER	25-S1.5	10	14,147.08	6,945	5,787	656	4.64	8.8
397.00	COMMUNICATION EQUIPMENT	15-SQ	0	36,367,603.46	12,740,088	23,627,517	4,365,671	12.00	5.4
397.10	COMMUNICATION EQUIPMENT - COMPUTER	15-SQ	0	5,784,754.49	5,155,519	629,236	51,982	0.90	12.1
398.00	MISCELLANEOUS EQUIPMENT	10-SQ	0	594,390.05	(154,835)	749,225	205,861	34.63	3.6
	TOTAL DEPRECIABLE PLANT			**148,505,107.06**	**61,938,938**	**92,134,383**	**12,998,362**	**8.75**	**7.1**
	NONDEPRECIABLE PLANT								
301.00	ORGANIZATION			83,782.29					
302.00	FRANCHISES AND CONSENTS			4,200.00	4,200				
389.10	LAND			1,711,503.17					
389.20	LAND RIGHTS			202,094.94	109,529				
	TOTAL NONDEPRECIABLE PLANT			**2,001,580.40**	**113,729**				
	ACCOUNTS NOT STUDIED								
303.00	MISCELLANEOUS INTANGIBLE PLANT			28,789,522.78	15,372,458				
392.10	TRANSPORTATION EQUIPMENT - CARS AND TRUCKS			132,669.00	132,103				
396.10	POWER OPERATED EQUIPMENT - TRMS			258,314.21	258,314				
	TOTAL ACCOUNTS NOT STUDIED			**29,180,505.99**	**15,762,875**				
	TOTAL COMMON PLANT			**179,687,193.45**	**77,815,542**	**92,134,383**	**12,998,362**		

SERVICE LIFE STATISTICS


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 311 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1954-2006 EXPERIENCE; 1954-2006 PLACEMENTS
IOWA 100-S1.5
PERCENT SURVIVING
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180
AGE IN YEARS

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1954-2006 EXPERIENCE BAND 1954-2006

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	335,427,406		0.0000	1.0000	100.00
0.5	334,193,845	2,378	0.0000	1.0000	100.00
1.5	331,296,307	20,310	0.0001	0.9999	100.00
2.5	328,955,414	6,033	0.0000	1.0000	99.99
3.5	324,993,188	303,634	0.0009	0.9991	99.99
4.5	324,252,656	136,120	0.0004	0.9996	99.90
5.5	321,691,214	542,984	0.0017	0.9983	99.86
6.5	320,888,141	25,433	0.0001	0.9999	99.69
7.5	320,503,227	45,356	0.0001	0.9999	99.68
8.5	317,681,745	53,873	0.0002	0.9998	99.67
9.5	313,709,406	147,516	0.0005	0.9995	99.65
10.5	312,941,156	298,750	0.0010	0.9990	99.60
11.5	310,838,239	362,476	0.0012	0.9988	99.50
12.5	310,133,950	254,291	0.0008	0.9992	99.38
13.5	309,451,672	439,246	0.0014	0.9986	99.30
14.5	306,891,175	889,090	0.0029	0.9971	99.16
15.5	302,045,871	543,377	0.0018	0.9982	98.87
16.5	148,735,644	16,965	0.0001	0.9999	98.69
17.5	148,099,594	19,917	0.0001	0.9999	98.68
18.5	147,492,384	13,466	0.0001	0.9999	98.67
19.5	144,677,421	87,258	0.0006	0.9994	98.66
20.5	140,719,721	199,057	0.0014	0.9986	98.60
21.5	136,337,178	82,268	0.0006	0.9994	98.46
22.5	132,806,799	48,229	0.0004	0.9996	98.40
23.5	121,540,197	112,293	0.0009	0.9991	98.36
24.5	91,419,674	36,679	0.0004	0.9996	98.27
25.5	82,411,536	24,212	0.0003	0.9997	98.23
26.5	77,432,623	15,844	0.0002	0.9998	98.20
27.5	76,187,570	87,098	0.0011	0.9989	98.18
28.5	55,019,954	81,614	0.0015	0.9985	98.07
29.5	53,297,045	139,213	0.0026	0.9974	97.92
30.5	52,379,967	35,384	0.0007	0.9993	97.67
31.5	51,603,714	29,969	0.0006	0.9994	97.60
32.5	40,808,242	24,744	0.0006	0.9994	97.54
33.5	39,000,323	7,601	0.0002	0.9998	97.48
34.5	24,382,209	2,674	0.0001	0.9999	97.46
35.5	24,300,215	80,572	0.0033	0.9967	97.45
36.5	24,060,266		0.0000	1.0000	97.13
37.5	18,670,986	845,247	0.0453	0.9547	97.13
38.5	17,801,109	163,302	0.0092	0.9908	92.73

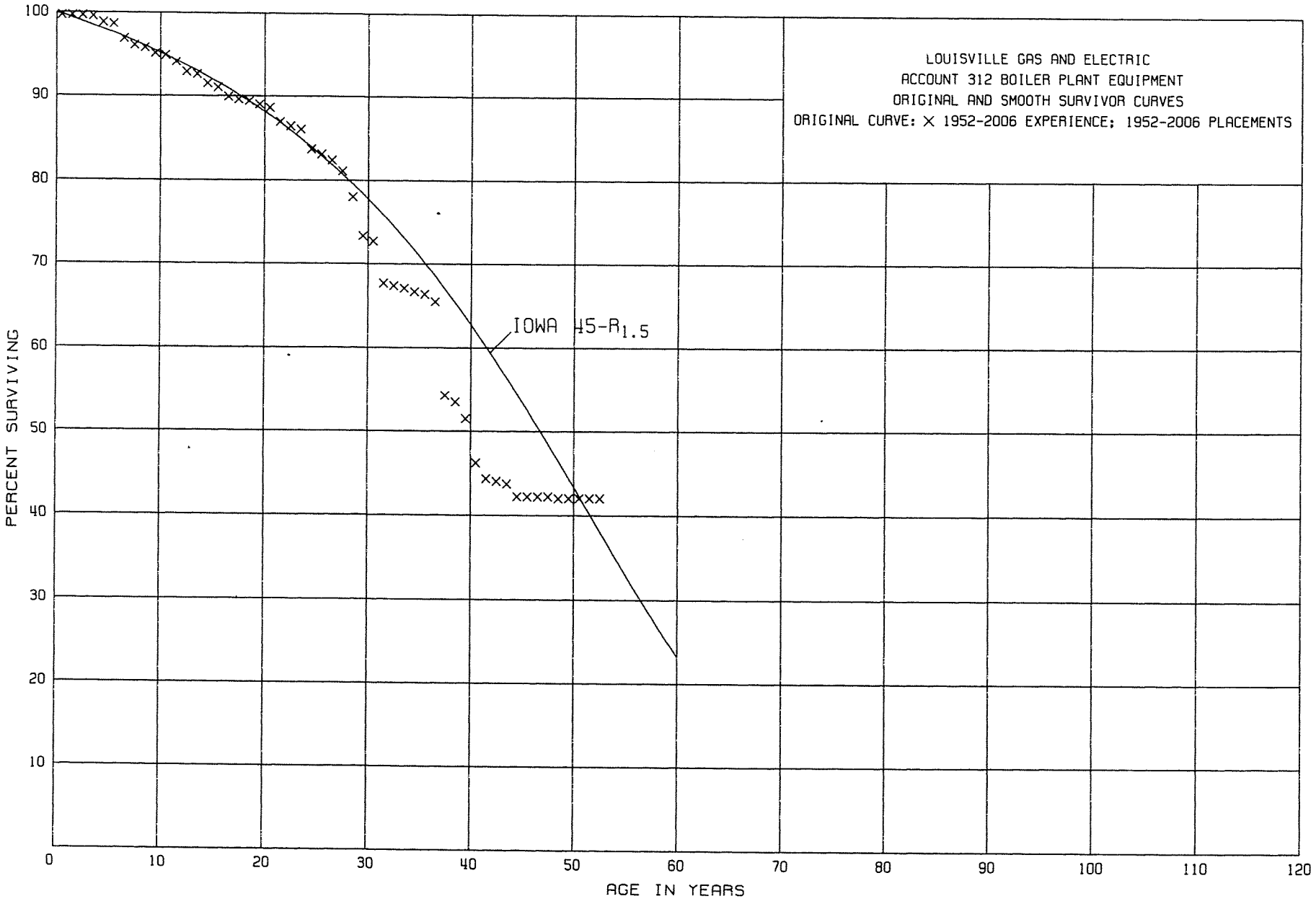
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2006 EXPERIENCE BAND 1954-2006

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	16,946,749	46,626	0.0028	0.9972	91.88
40.5	12,831,286	88,290	0.0069	0.9931	91.62
41.5	12,735,795		0.0000	1.0000	90.99
42.5	12,722,135	4,662	0.0004	0.9996	90.99
43.5	12,695,863	153,971	0.0121	0.9879	90.95
44.5	9,451,169		0.0000	1.0000	89.85
45.5	9,451,169		0.0000	1.0000	89.85
46.5	9,450,910		0.0000	1.0000	89.85
47.5	9,448,743		0.0000	1.0000	89.85
48.5	6,060,276		0.0000	1.0000	89.85
49.5	6,059,981		0.0000	1.0000	89.85
50.5	3,998,884		0.0000	1.0000	89.85
51.5	3,998,884		0.0000	1.0000	89.85
52.5					89.85


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 312 BOILER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: × 1952-2006 EXPERIENCE: 1952-2006 PLACEMENTS
IOWA 45-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1952-2006 EXPERIENCE BAND 1952-2006

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	1,363,385,899	3,830,503	0.0028	0.9972	100.00
0.5	1,325,234,654	381,101	0.0003	0.9997	99.72
1.5	1,301,870,480	4,680	0.0000	1.0000	99.69
2.5	1,102,042,496	635,504	0.0006	0.9994	99.69
3.5	1,059,088,565	7,708,351	0.0073	0.9927	99.63
4.5	1,012,750,973	1,622,658	0.0016	0.9984	98.90
5.5	962,274,878	18,154,634	0.0189	0.9811	98.74
6.5	934,060,398	7,056,946	0.0076	0.9924	96.87
7.5	876,943,302	3,271,010	0.0037	0.9963	96.13
8.5	829,928,143	6,071,863	0.0073	0.9927	95.77
9.5	802,198,728	1,265,049	0.0016	0.9984	95.07
10.5	756,253,676	6,497,776	0.0086	0.9914	94.92
11.5	740,689,546	9,296,219	0.0126	0.9874	94.10
12.5	723,939,504	2,773,344	0.0038	0.9962	92.91
13.5	710,965,351	8,223,869	0.0116	0.9884	92.56
14.5	699,703,996	3,765,415	0.0054	0.9946	91.49
15.5	690,614,284	8,481,678	0.0123	0.9877	91.00
16.5	446,816,412	1,380,294	0.0031	0.9969	89.88
17.5	440,985,821	1,124,420	0.0025	0.9975	89.60
18.5	420,112,437	1,807,788	0.0043	0.9957	89.38
19.5	389,891,215	1,965,243	0.0050	0.9950	89.00
20.5	367,345,366	6,907,868	0.0188	0.9812	88.56
21.5	334,211,477	1,995,873	0.0060	0.9940	86.90
22.5	331,684,444	1,490,280	0.0045	0.9955	86.38
23.5	322,938,291	8,538,208	0.0264	0.9736	85.99
24.5	223,108,282	1,778,067	0.0080	0.9920	83.72
25.5	191,505,020	1,505,672	0.0079	0.9921	83.05
26.5	165,268,897	2,690,706	0.0163	0.9837	82.39
27.5	151,484,549	5,648,171	0.0373	0.9627	81.05
28.5	97,965,115	5,889,588	0.0601	0.9399	78.03
29.5	86,054,311	753,520	0.0088	0.9912	73.34
30.5	83,238,816	5,755,947	0.0691	0.9309	72.69
31.5	77,362,225	318,825	0.0041	0.9959	67.67
32.5	58,427,997	224,338	0.0038	0.9962	67.39
33.5	57,758,621	354,942	0.0061	0.9939	67.13
34.5	34,628,428	155,358	0.0045	0.9955	66.72
35.5	34,470,353	466,097	0.0135	0.9865	66.42
36.5	33,950,880	5,804,097	0.1710	0.8290	65.52
37.5	17,231,143	267,918	0.0155	0.9845	54.32
38.5	16,858,962	616,925	0.0366	0.9634	53.48

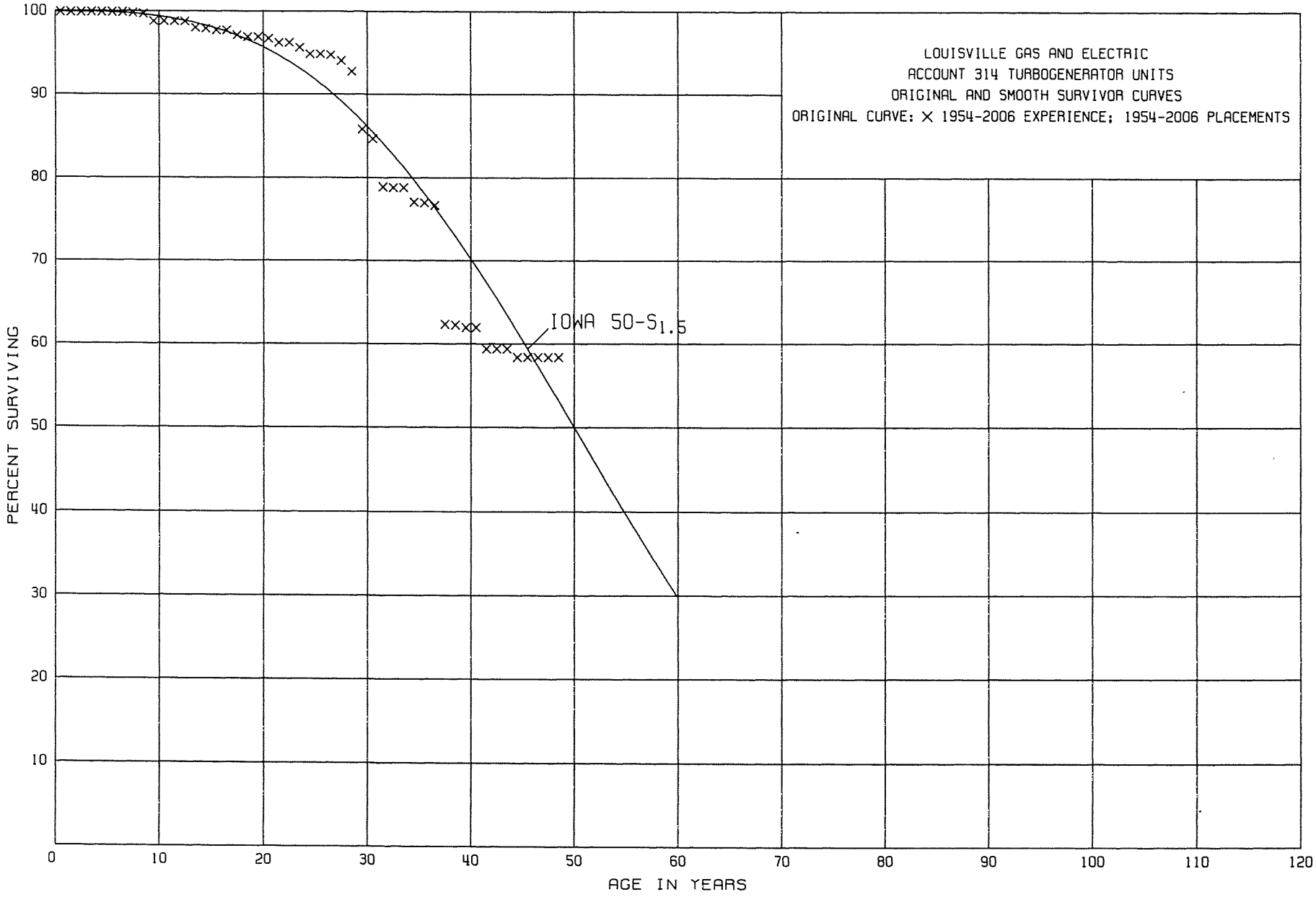
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1952-2006 EXPERIENCE BAND 1952-2006

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	15,778,385	1,619,993	0.1027	0.8973	51.52
40.5	8,475,137	355,844	0.0420	0.9580	46.23
41.5	8,110,288	48,636	0.0060	0.9940	44.29
42.5	8,061,652	57,022	0.0071	0.9929	44.02
43.5	8,004,630	284,984	0.0356	0.9644	43.71
44.5	1,522,265		0.0000	1.0000	42.15
45.5	1,506,509		0.0000	1.0000	42.15
46.5	1,506,509		0.0000	1.0000	42.15
47.5	1,506,509	5,133	0.0034	0.9966	42.15
48.5	987,136		0.0000	1.0000	42.01
49.5	987,136		0.0000	1.0000	42.01
50.5	866,488		0.0000	1.0000	42.01
51.5	866,488		0.0000	1.0000	42.01
52.5					42.01


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 314 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1954-2006 EXPERIENCE; 1954-2006 PLACEMENTS
IOWA 50-S1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1954-2006 EXPERIENCE BAND 1954-2006

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	223,525,820		0.0000	1.0000	100.00
0.5	219,888,610		0.0000	1.0000	100.00
1.5	216,953,720	103,896	0.0005	0.9995	100.00
2.5	213,343,600	11,334	0.0001	0.9999	99.95
3.5	205,617,032	515	0.0000	1.0000	99.94
4.5	204,945,551	40,189	0.0002	0.9998	99.94
5.5	204,143,449	65,432	0.0003	0.9997	99.92
6.5	203,265,431	239,951	0.0012	0.9988	99.89
7.5	201,661,022	124,078	0.0006	0.9994	99.77
8.5	201,297,599	1,860,566	0.0092	0.9908	99.71
9.5	197,941,309	9,300	0.0000	1.0000	98.79
10.5	192,200,683	12,000	0.0001	0.9999	98.79
11.5	190,270,067	26,735	0.0001	0.9999	98.78
12.5	189,066,298	1,488,159	0.0079	0.9921	98.77
13.5	187,506,511	192,904	0.0010	0.9990	97.99
14.5	187,279,912	286,664	0.0015	0.9985	97.89
15.5	180,876,637	126,000	0.0007	0.9993	97.74
16.5	117,225,961	666,536	0.0057	0.9943	97.67
17.5	116,559,426	196,093	0.0017	0.9983	97.11
18.5	116,276,625	44,569	0.0004	0.9996	96.94
19.5	116,229,487	190,646	0.0016	0.9984	96.90
20.5	115,966,015	643,390	0.0055	0.9945	96.74
21.5	115,225,074	34,631	0.0003	0.9997	96.21
22.5	115,186,323	675,473	0.0059	0.9941	96.18
23.5	114,014,156	973,789	0.0085	0.9915	95.61
24.5	80,471,589	41,052	0.0005	0.9995	94.80
25.5	80,383,216	74,875	0.0009	0.9991	94.75
26.5	80,308,341	560,694	0.0070	0.9930	94.66
27.5	70,952,499	995,524	0.0140	0.9860	94.00
28.5	56,173,171	4,199,600	0.0748	0.9252	92.68
29.5	51,940,856	613,504	0.0118	0.9882	85.75
30.5	51,327,352	3,546,210	0.0691	0.9309	84.74
31.5	47,752,159	57,135	0.0012	0.9988	78.88
32.5	35,295,952	241	0.0000	1.0000	78.79
33.5	35,264,006	736,677	0.0209	0.9791	78.79
34.5	23,217,212	49,728	0.0021	0.9979	77.14
35.5	23,110,144	80,657	0.0035	0.9965	76.98
36.5	23,023,006	4,314,548	0.1874	0.8126	76.71
37.5	11,913,111	28,726	0.0024	0.9976	62.33
38.5	11,884,386	50,446	0.0042	0.9958	62.18

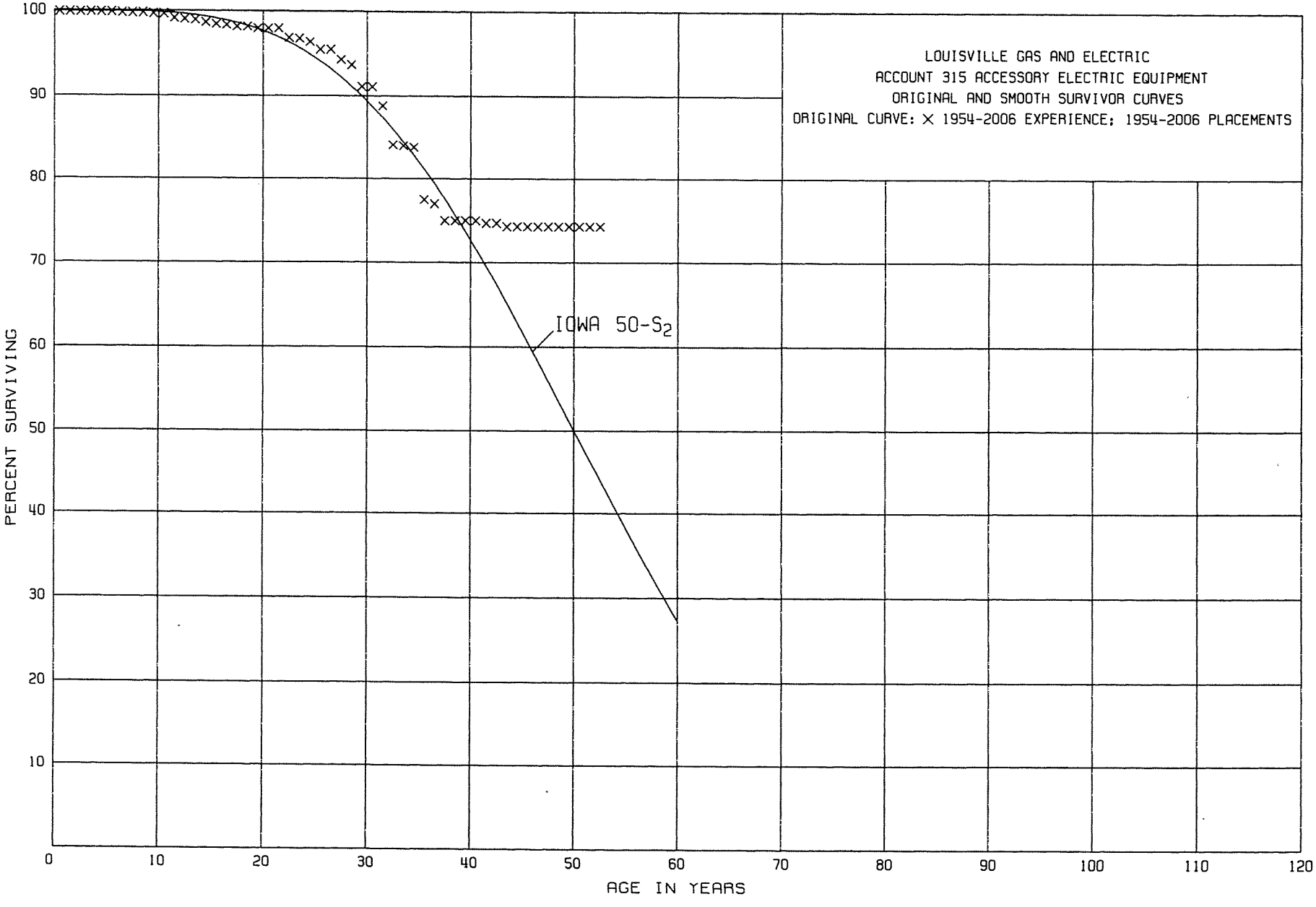
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2006 EXPERIENCE BAND 1954-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	11,833,284		0.0000	1.0000	61.92
40.5	6,446,488	261,350	0.0405	0.9595	61.92
41.5	6,185,138	3,009	0.0005	0.9995	59.41
42.5	6,180,433		0.0000	1.0000	59.38
43.5	6,167,076	97,844	0.0159	0.9841	59.38
44.5	686,900		0.0000	1.0000	58.44
45.5	686,900		0.0000	1.0000	58.44
46.5	686,900		0.0000	1.0000	58.44
47.5	686,900		0.0000	1.0000	58.44
48.5	119,080		0.0000	1.0000	58.44
49.5	119,080		0.0000	1.0000	58.44
50.5	105,161		0.0000	1.0000	58.44
51.5	105,161		0.0000	1.0000	58.44
52.5					58.44


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1954-2006 EXPERIENCE: 1954-2006 PLACEMENTS
IOWA 50-S2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1954-2006 EXPERIENCE BAND 1954-2006

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	169,560,152		0.0000	1.0000	100.00
0.5	169,557,543	298	0.0000	1.0000	100.00
1.5	169,258,583	2,203	0.0000	1.0000	100.00
2.5	169,123,752	45,233	0.0003	0.9997	100.00
3.5	168,693,109	115,776	0.0007	0.9993	99.97
4.5	169,412,083	35,225	0.0002	0.9998	99.90
5.5	169,135,505	110,294	0.0007	0.9993	99.88
6.5	161,253,425	1,425	0.0000	1.0000	99.81
7.5	161,189,082	76,726	0.0005	0.9995	99.81
8.5	156,991,122	155,507	0.0010	0.9990	99.76
9.5	144,403,626	5,110	0.0000	1.0000	99.66
10.5	144,334,063	627,299	0.0043	0.9957	99.66
11.5	143,662,910	135,527	0.0009	0.9991	99.23
12.5	143,198,925	209,300	0.0015	0.9985	99.14
13.5	141,796,612	353,274	0.0025	0.9975	98.99
14.5	140,404,962	353,967	0.0025	0.9975	98.74
15.5	138,924,477	101,393	0.0007	0.9993	98.49
16.5	80,995,746	151,663	0.0019	0.9981	98.42
17.5	80,706,764	31,390	0.0004	0.9996	98.23
18.5	79,594,856	146,090	0.0018	0.9982	98.19
19.5	78,435,616	9,538	0.0001	0.9999	98.01
20.5	78,248,100	38,856	0.0005	0.9995	98.00
21.5	78,081,503	871,641	0.0112	0.9888	97.95
22.5	76,492,142	15,755	0.0002	0.9998	96.85
23.5	74,353,538	301,180	0.0041	0.9959	96.83
24.5	52,743,255	491,836	0.0093	0.9907	96.43
25.5	45,183,032	13,042	0.0003	0.9997	95.53
26.5	38,359,966	479,074	0.0125	0.9875	95.50
27.5	36,133,360	251,456	0.0070	0.9930	94.31
28.5	22,474,635	601,345	0.0268	0.9732	93.65
29.5	20,710,210	6,412	0.0003	0.9997	91.14
30.5	19,738,815	494,406	0.0250	0.9750	91.11
31.5	19,009,714	1,021,013	0.0537	0.9463	88.83
32.5	14,222,887	16,212	0.0011	0.9989	84.06
33.5	13,969,927	27,599	0.0020	0.9980	83.97
34.5	9,369,074	707,968	0.0756	0.9244	83.80
35.5	8,649,969	48,221	0.0056	0.9944	77.46
36.5	8,601,748	223,097	0.0259	0.9741	77.03
37.5	6,520,821		0.0000	1.0000	75.03
38.5	6,494,433		0.0000	1.0000	75.03

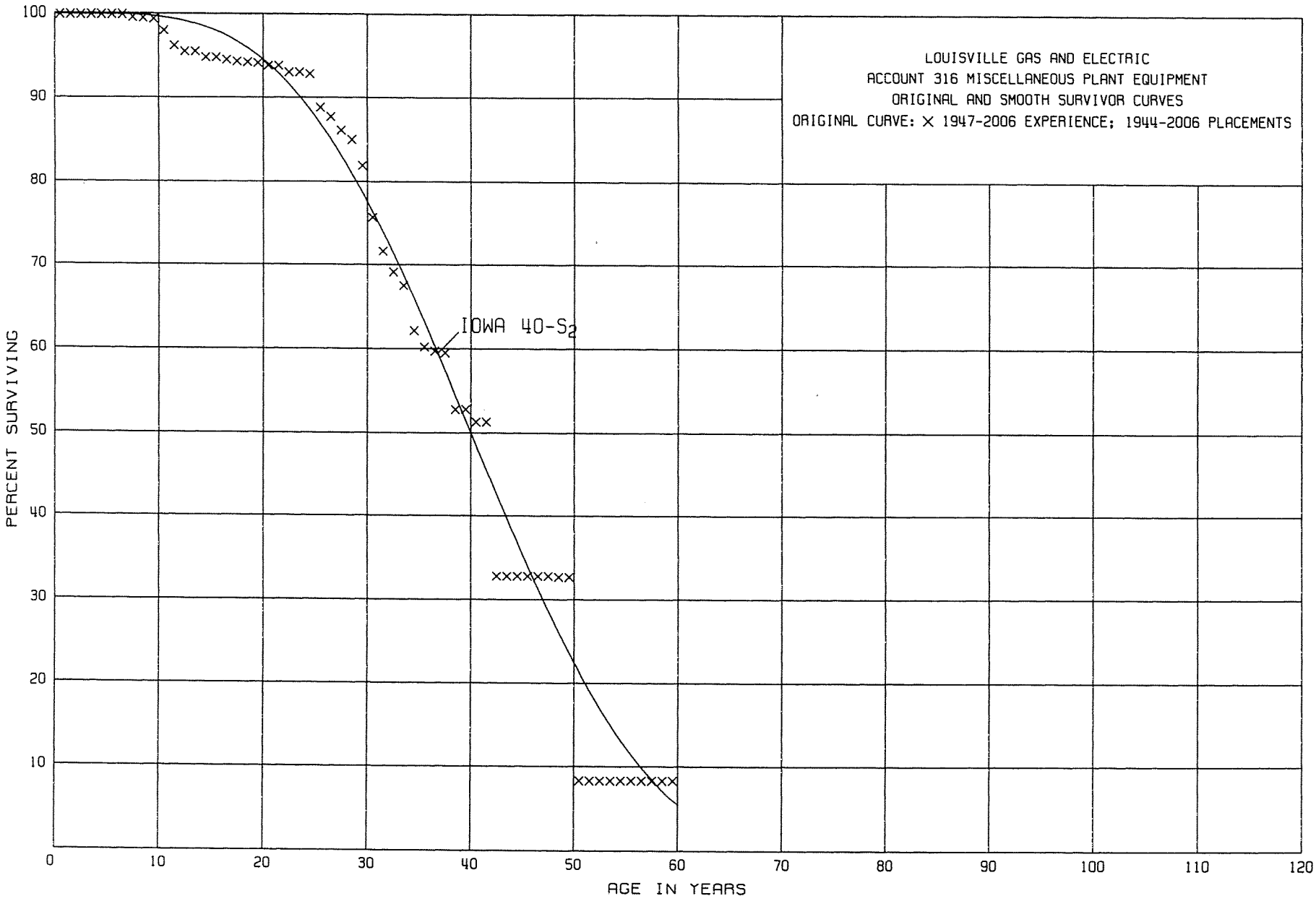
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2006 EXPERIENCE BAND 1954-2006

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	6,373,898		0.0000	1.0000	75.03
40.5	5,079,601	21,026	0.0041	0.9959	75.03
41.5	5,049,095		0.0000	1.0000	74.72
42.5	5,021,235	28,081	0.0056	0.9944	74.72
43.5	4,991,498		0.0000	1.0000	74.30
44.5	3,791,845		0.0000	1.0000	74.30
45.5	3,791,117		0.0000	1.0000	74.30
46.5	3,790,320		0.0000	1.0000	74.30
47.5	3,790,320		0.0000	1.0000	74.30
48.5	3,057,333		0.0000	1.0000	74.30
49.5	3,056,818		0.0000	1.0000	74.30
50.5	1,784,909		0.0000	1.0000	74.30
51.5	1,783,488		0.0000	1.0000	74.30
52.5					74.30


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 316 MISCELLANEOUS PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1947-2006 EXPERIENCE; 1944-2006 PLACEMENTS
IOWA 40-S2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 316 MISCELLANEOUS PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1944-2006 EXPERIENCE BAND 1947-2006

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	13,331,737	3,967	0.0003	0.9997	100.00
0.5	13,288,087	677	0.0001	0.9999	99.97
1.5	12,501,819	2,120	0.0002	0.9998	99.96
2.5	11,498,000	4,972	0.0004	0.9996	99.94
3.5	10,481,762	678	0.0001	0.9999	99.90
4.5	10,120,934	2,071	0.0002	0.9998	99.89
5.5	9,761,142	1,257	0.0001	0.9999	99.87
6.5	9,582,404	27,653	0.0029	0.9971	99.86
7.5	8,912,895	2,926	0.0003	0.9997	99.57
8.5	8,647,621	14,785	0.0017	0.9983	99.54
9.5	8,173,607	115,833	0.0142	0.9858	99.37
10.5	7,385,322	135,629	0.0184	0.9816	97.96
11.5	6,747,834	43,483	0.0064	0.9936	96.16
12.5	6,511,576	5,166	0.0008	0.9992	95.54
13.5	6,502,431	44,523	0.0068	0.9932	95.46
14.5	6,305,245		0.0000	1.0000	94.81
15.5	5,037,482	18,555	0.0037	0.9963	94.81
16.5	3,072,276	6,300	0.0021	0.9979	94.46
17.5	2,970,566	2,730	0.0009	0.9991	94.26
18.5	2,722,780	1,595	0.0006	0.9994	94.18
19.5	2,565,145	9,507	0.0037	0.9963	94.12
20.5	2,348,911		0.0000	1.0000	93.77
21.5	2,241,737	18,936	0.0084	0.9916	93.77
22.5	2,066,619		0.0000	1.0000	92.98
23.5	2,036,474	3,673	0.0018	0.9982	92.98
24.5	1,996,516	85,434	0.0428	0.9572	92.81
25.5	1,760,055	22,195	0.0126	0.9874	88.84
26.5	1,667,433	31,595	0.0189	0.9811	87.72
27.5	1,576,480	20,267	0.0129	0.9871	86.06
28.5	1,267,826	45,158	0.0356	0.9644	84.95
29.5	1,171,064	88,373	0.0755	0.9245	81.93
30.5	1,054,652	57,294	0.0543	0.9457	75.74
31.5	983,829	34,139	0.0347	0.9653	71.63
32.5	891,004	20,761	0.0233	0.9767	69.14
33.5	769,872	62,222	0.0808	0.9192	67.53
34.5	345,161	10,430	0.0302	0.9698	62.07
35.5	347,620	2,805	0.0081	0.9919	60.20
36.5	343,617	1,346	0.0039	0.9961	59.71
37.5	322,290	36,035	0.1118	0.8882	59.48
38.5	284,656		0.0000	1.0000	52.83

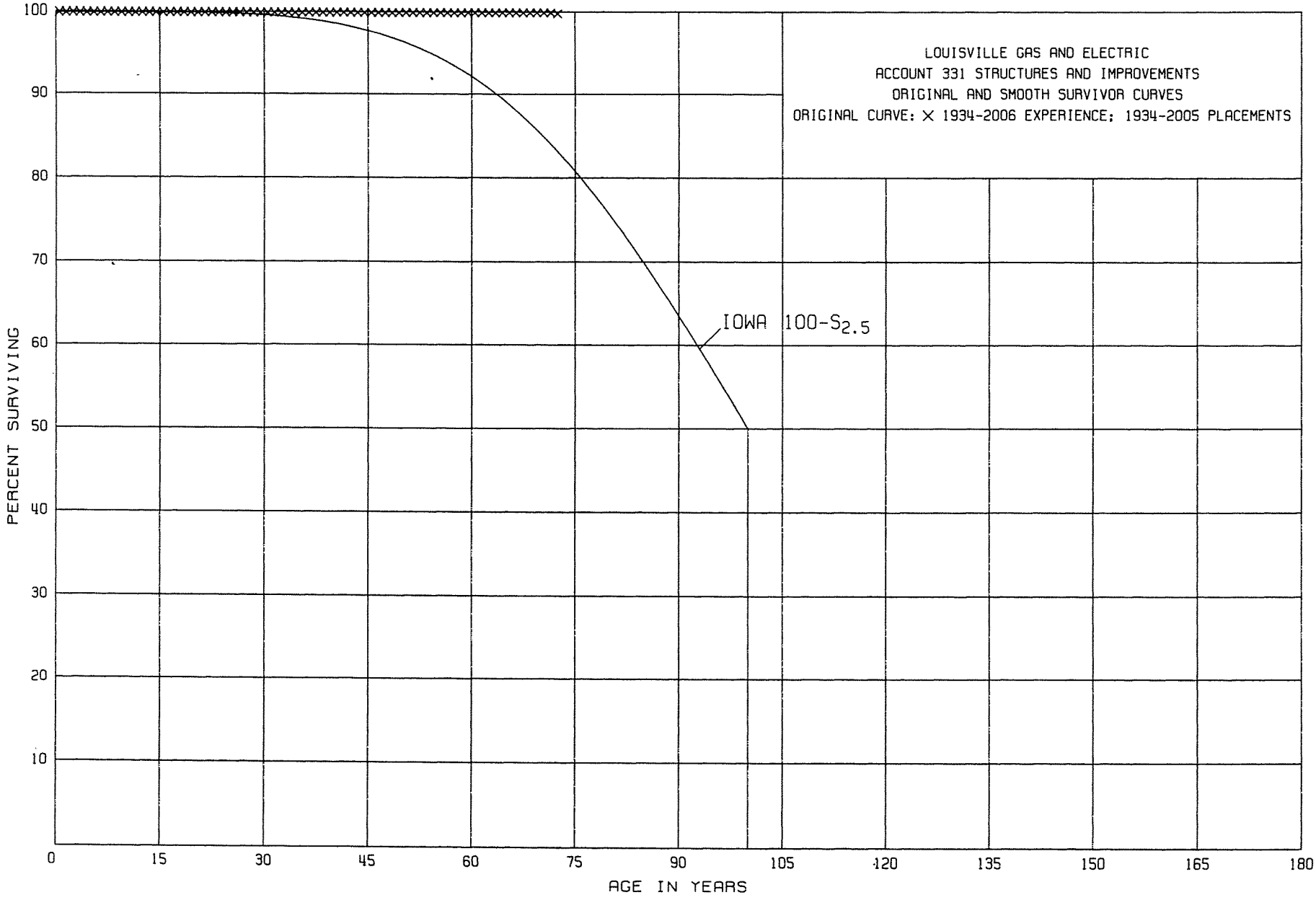
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 316 MISCELLANEOUS PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1944-2006 EXPERIENCE BAND 1947-2006

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	274,722	7,988	0.0291	0.9709	52.83
40.5	258,824	2	0.0000	1.0000	51.29
41.5	250,809	90,306	0.3601	0.6399	51.29
42.5	158,779		0.0000	1.0000	32.82
43.5	158,456		0.0000	1.0000	32.82
44.5	158,456		0.0000	1.0000	32.82
45.5	154,938		0.0000	1.0000	32.82
46.5	152,050		0.0000	1.0000	32.82
47.5	152,050	485	0.0032	0.9968	32.82
48.5	151,565	199	0.0013	0.9987	32.71
49.5	151,164	112,893	0.7468	0.2532	32.67
50.5	37,215		0.0000	1.0000	8.27
51.5	29,807		0.0000	1.0000	8.27
52.5	29,105		0.0000	1.0000	8.27
53.5	28,983		0.0000	1.0000	8.27
54.5	28,983		0.0000	1.0000	8.27
55.5	28,872		0.0000	1.0000	8.27
56.5	20,132		0.0000	1.0000	8.27
57.5	3,224		0.0000	1.0000	8.27
58.5	1,635		0.0000	1.0000	8.27
59.5	277		0.0000	1.0000	8.27
60.5	277		0.0000	1.0000	8.27
61.5	277		0.0000	1.0000	8.27
62.5					8.27


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 331 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2005 PLACEMENTS
IOWA 100-S2.5
PERCENT SURVIVING
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180
AGE IN YEARS

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	5,485,754		0.0000	1.0000	100.00
0.5	5,485,754		0.0000	1.0000	100.00
1.5	5,060,945		0.0000	1.0000	100.00
2.5	5,060,945		0.0000	1.0000	100.00
3.5	5,060,945		0.0000	1.0000	100.00
4.5	5,045,457		0.0000	1.0000	100.00
5.5	5,045,457		0.0000	1.0000	100.00
6.5	5,045,457		0.0000	1.0000	100.00
7.5	5,045,457		0.0000	1.0000	100.00
8.5	4,832,028		0.0000	1.0000	100.00
9.5	4,818,063		0.0000	1.0000	100.00
10.5	4,818,063		0.0000	1.0000	100.00
11.5	4,708,744		0.0000	1.0000	100.00
12.5	4,695,181		0.0000	1.0000	100.00
13.5	4,682,503		0.0000	1.0000	100.00
14.5	4,516,252		0.0000	1.0000	100.00
15.5	4,516,252		0.0000	1.0000	100.00
16.5	4,513,885		0.0000	1.0000	100.00
17.5	4,512,466		0.0000	1.0000	100.00
18.5	4,504,852		0.0000	1.0000	100.00
19.5	4,504,852		0.0000	1.0000	100.00
20.5	4,501,362		0.0000	1.0000	100.00
21.5	4,501,362		0.0000	1.0000	100.00
22.5	4,490,884		0.0000	1.0000	100.00
23.5	4,475,280		0.0000	1.0000	100.00
24.5	4,475,280		0.0000	1.0000	100.00
25.5	4,475,273		0.0000	1.0000	100.00
26.5	4,314,646		0.0000	1.0000	100.00
27.5	4,310,058		0.0000	1.0000	100.00
28.5	4,305,701		0.0000	1.0000	100.00
29.5	4,305,701		0.0000	1.0000	100.00
30.5	4,305,701		0.0000	1.0000	100.00
31.5	4,305,568		0.0000	1.0000	100.00
32.5	4,282,483		0.0000	1.0000	100.00
33.5	4,282,483		0.0000	1.0000	100.00
34.5	4,282,483		0.0000	1.0000	100.00
35.5	4,282,483		0.0000	1.0000	100.00
36.5	4,281,993		0.0000	1.0000	100.00
37.5	4,281,993		0.0000	1.0000	100.00
38.5	4,281,993		0.0000	1.0000	100.00

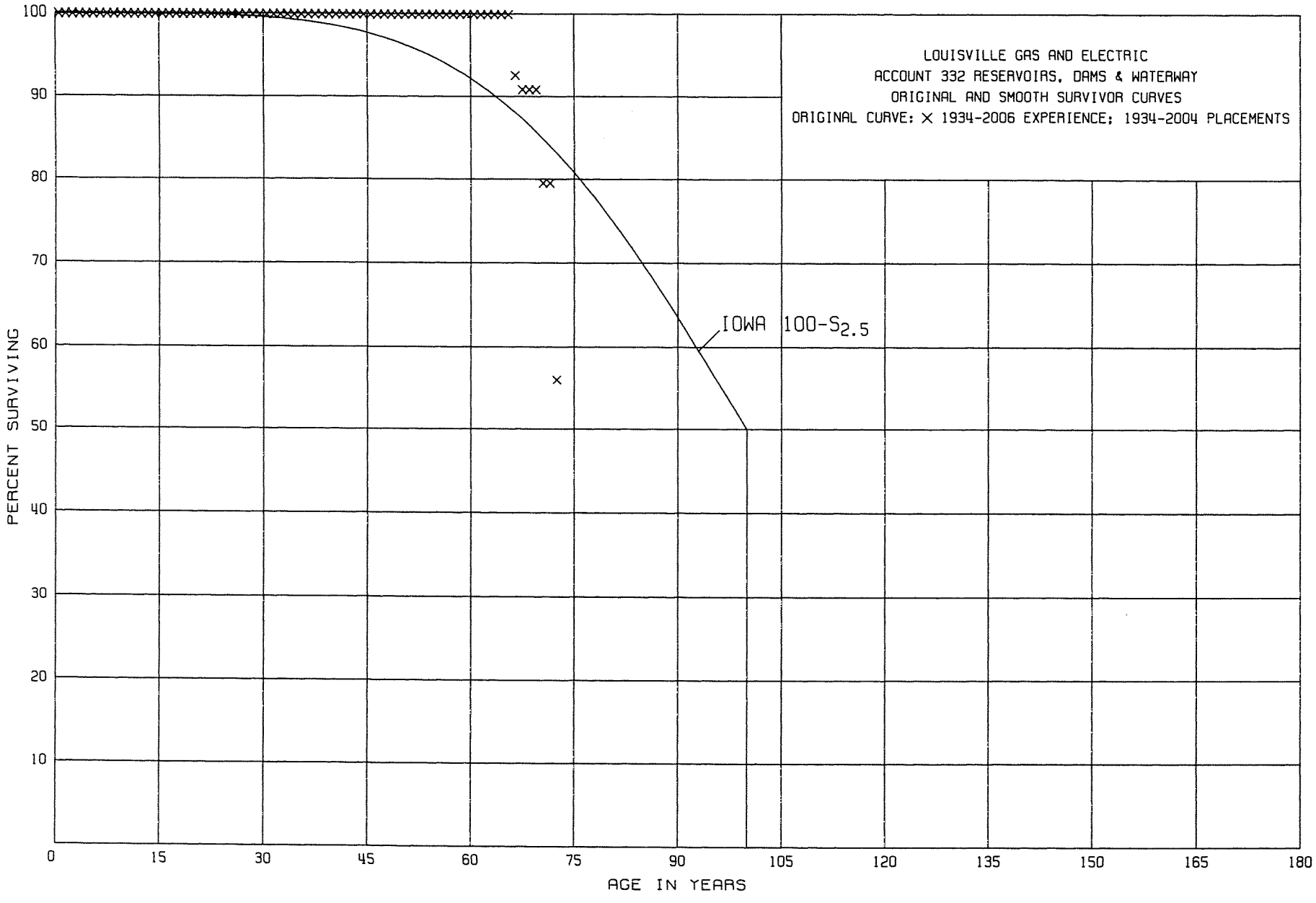
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	4,280,221		0.0000	1.0000	100.00
40.5	4,280,221		0.0000	1.0000	100.00
41.5	4,270,654		0.0000	1.0000	100.00
42.5	4,270,654		0.0000	1.0000	100.00
43.5	4,270,654		0.0000	1.0000	100.00
44.5	4,260,787		0.0000	1.0000	100.00
45.5	4,259,910		0.0000	1.0000	100.00
46.5	4,259,910		0.0000	1.0000	100.00
47.5	4,259,527		0.0000	1.0000	100.00
48.5	4,259,427		0.0000	1.0000	100.00
49.5	4,259,427		0.0000	1.0000	100.00
50.5	4,259,427		0.0000	1.0000	100.00
51.5	4,259,427		0.0000	1.0000	100.00
52.5	4,259,427		0.0000	1.0000	100.00
53.5	4,259,427		0.0000	1.0000	100.00
54.5	4,259,427	1,509	0.0004	0.9996	100.00
55.5	4,079,478		0.0000	1.0000	99.96
56.5	4,066,722		0.0000	1.0000	99.96
57.5	4,065,027		0.0000	1.0000	99.96
58.5	4,065,027		0.0000	1.0000	99.96
59.5	4,063,209		0.0000	1.0000	99.96
60.5	4,061,292		0.0000	1.0000	99.96
61.5	4,061,292		0.0000	1.0000	99.96
62.5	4,060,158		0.0000	1.0000	99.96
63.5	4,055,418		0.0000	1.0000	99.96
64.5	4,054,551		0.0000	1.0000	99.96
65.5	4,051,072		0.0000	1.0000	99.96
66.5	4,051,072		0.0000	1.0000	99.96
67.5	4,048,373		0.0000	1.0000	99.96
68.5	4,048,124		0.0000	1.0000	99.96
69.5	4,046,424		0.0000	1.0000	99.96
70.5	4,046,424		0.0000	1.0000	99.96
71.5	4,046,424	6,141	0.0015	0.9985	99.96
72.5					99.81


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 332 RESERVOIRS, DAMS & WATERWAY
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2004 PLACEMENTS
IOWA 100-S2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 332 RESERVOIRS, DAMS & WATERWAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2004 EXPERIENCE BAND 1934-2006

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	4,998,408		0.0000	1.0000	100.00
0.5	4,998,408		0.0000	1.0000	100.00
1.5	4,998,408		0.0000	1.0000	100.00
2.5	311,985		0.0000	1.0000	100.00
3.5	311,985		0.0000	1.0000	100.00
4.5	311,985		0.0000	1.0000	100.00
5.5	311,985		0.0000	1.0000	100.00
6.5	156,421		0.0000	1.0000	100.00
7.5	156,421		0.0000	1.0000	100.00
8.5	156,421		0.0000	1.0000	100.00
9.5	156,421		0.0000	1.0000	100.00
10.5	156,421		0.0000	1.0000	100.00
11.5	156,421		0.0000	1.0000	100.00
12.5	156,421		0.0000	1.0000	100.00
13.5	156,421		0.0000	1.0000	100.00
14.5	156,421		0.0000	1.0000	100.00
15.5	156,421		0.0000	1.0000	100.00
16.5	156,421		0.0000	1.0000	100.00
17.5	156,421		0.0000	1.0000	100.00
18.5	156,421		0.0000	1.0000	100.00
19.5	156,421		0.0000	1.0000	100.00
20.5	156,421		0.0000	1.0000	100.00
21.5	156,421		0.0000	1.0000	100.00
22.5	156,421		0.0000	1.0000	100.00
23.5	156,421		0.0000	1.0000	100.00
24.5	156,421		0.0000	1.0000	100.00
25.5	156,421		0.0000	1.0000	100.00
26.5	156,421		0.0000	1.0000	100.00
27.5	156,421		0.0000	1.0000	100.00
28.5	156,421		0.0000	1.0000	100.00
29.5	149,005		0.0000	1.0000	100.00
30.5	149,005		0.0000	1.0000	100.00
31.5	149,005		0.0000	1.0000	100.00
32.5	149,005		0.0000	1.0000	100.00
33.5	149,005		0.0000	1.0000	100.00
34.5	149,005		0.0000	1.0000	100.00
35.5	149,005		0.0000	1.0000	100.00
36.5	149,005		0.0000	1.0000	100.00
37.5	149,005		0.0000	1.0000	100.00
38.5	149,005		0.0000	1.0000	100.00

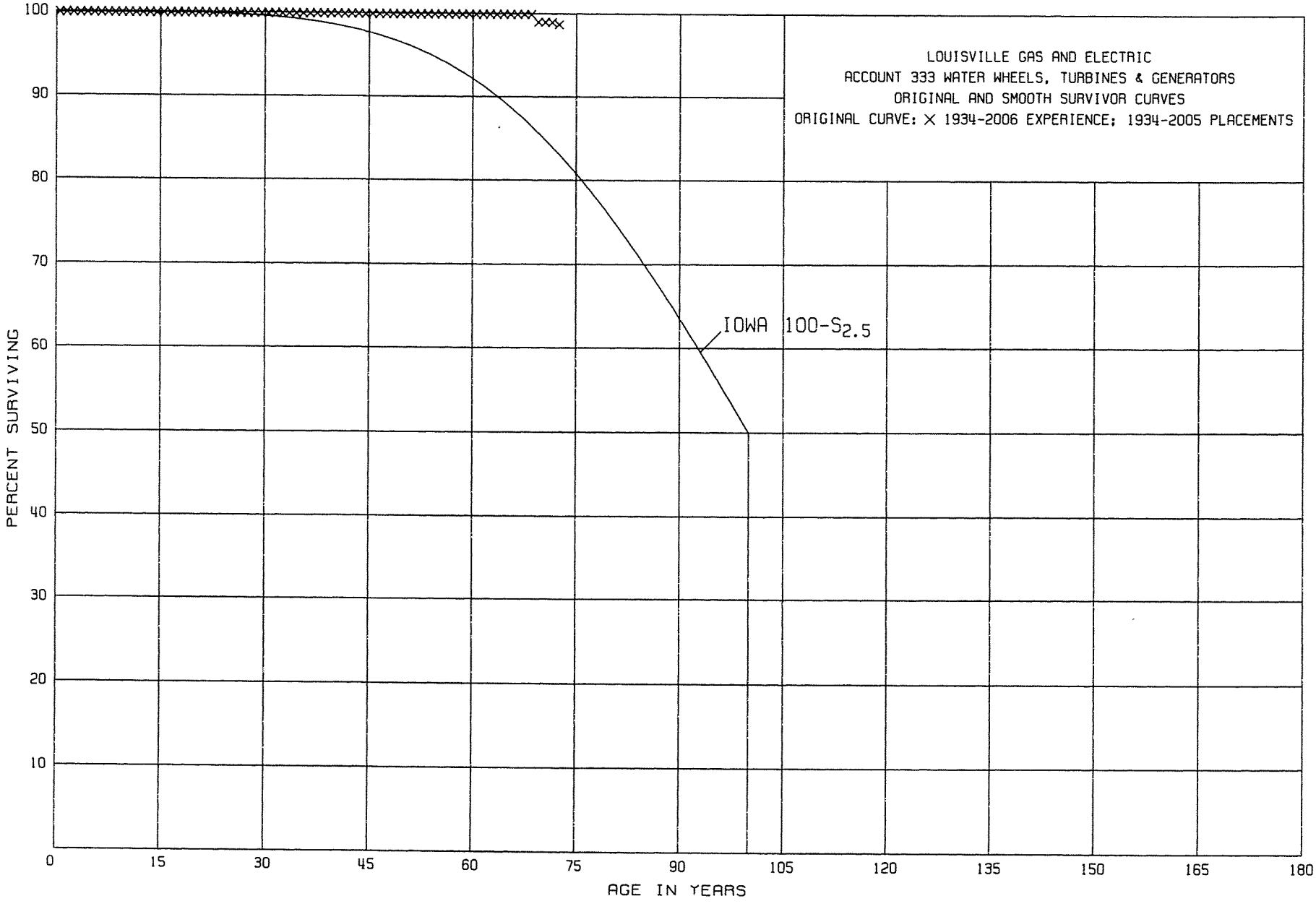
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 332 RESERVOIRS, DAMS & WATERWAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2004 EXPERIENCE BAND 1934-2006

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	149,005		0.0000	1.0000	100.00
40.5	149,005		0.0000	1.0000	100.00
41.5	149,005		0.0000	1.0000	100.00
42.5	149,005		0.0000	1.0000	100.00
43.5	149,005		0.0000	1.0000	100.00
44.5	149,005		0.0000	1.0000	100.00
45.5	149,005		0.0000	1.0000	100.00
46.5	114,775		0.0000	1.0000	100.00
47.5	114,775		0.0000	1.0000	100.00
48.5	114,775		0.0000	1.0000	100.00
49.5	114,775		0.0000	1.0000	100.00
50.5	114,775		0.0000	1.0000	100.00
51.5	114,775		0.0000	1.0000	100.00
52.5	114,775		0.0000	1.0000	100.00
53.5	114,775		0.0000	1.0000	100.00
54.5	114,775		0.0000	1.0000	100.00
55.5	114,775		0.0000	1.0000	100.00
56.5	114,775		0.0000	1.0000	100.00
57.5	114,771		0.0000	1.0000	100.00
58.5	114,771		0.0000	1.0000	100.00
59.5	114,771		0.0000	1.0000	100.00
60.5	114,771		0.0000	1.0000	100.00
61.5	114,771		0.0000	1.0000	100.00
62.5	113,770		0.0000	1.0000	100.00
63.5	113,770		0.0000	1.0000	100.00
64.5	113,770		0.0000	1.0000	100.00
65.5	112,851	8,455	0.0749	0.9251	100.00
66.5	104,396	1,977	0.0189	0.9811	92.51
67.5	101,855		0.0000	1.0000	90.76
68.5	101,855		0.0000	1.0000	90.76
69.5	101,160	12,512	0.1237	0.8763	90.76
70.5	88,648		0.0000	1.0000	79.53
71.5	88,648	26,286	0.2965	0.7035	79.53
72.5					55.95


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 333 WATER WHEELS, TURBINES & GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2005 PLACEMENTS
IOWA 100-S2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 333 WATER WHEELS, TURBINES & GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	2,698,249		0.0000	1.0000	100.00
0.5	2,698,249		0.0000	1.0000	100.00
1.5	2,517,714		0.0000	1.0000	100.00
2.5	2,517,714		0.0000	1.0000	100.00
3.5	2,316,031		0.0000	1.0000	100.00
4.5	2,316,031		0.0000	1.0000	100.00
5.5	2,316,031		0.0000	1.0000	100.00
6.5	2,316,031		0.0000	1.0000	100.00
7.5	2,316,031		0.0000	1.0000	100.00
8.5	2,316,031		0.0000	1.0000	100.00
9.5	2,316,031		0.0000	1.0000	100.00
10.5	2,228,317		0.0000	1.0000	100.00
11.5	2,223,064		0.0000	1.0000	100.00
12.5	2,223,064		0.0000	1.0000	100.00
13.5	2,223,064		0.0000	1.0000	100.00
14.5	2,223,064		0.0000	1.0000	100.00
15.5	2,223,064		0.0000	1.0000	100.00
16.5	2,223,064		0.0000	1.0000	100.00
17.5	2,223,064		0.0000	1.0000	100.00
18.5	2,223,064		0.0000	1.0000	100.00
19.5	2,223,064		0.0000	1.0000	100.00
20.5	2,223,064		0.0000	1.0000	100.00
21.5	2,223,064		0.0000	1.0000	100.00
22.5	2,223,064		0.0000	1.0000	100.00
23.5	2,223,064		0.0000	1.0000	100.00
24.5	2,223,064		0.0000	1.0000	100.00
25.5	2,222,929		0.0000	1.0000	100.00
26.5	2,212,125		0.0000	1.0000	100.00
27.5	2,212,125		0.0000	1.0000	100.00
28.5	2,212,125		0.0000	1.0000	100.00
29.5	2,212,125		0.0000	1.0000	100.00
30.5	2,212,125		0.0000	1.0000	100.00
31.5	2,212,125		0.0000	1.0000	100.00
32.5	2,212,125		0.0000	1.0000	100.00
33.5	2,212,125		0.0000	1.0000	100.00
34.5	2,212,125		0.0000	1.0000	100.00
35.5	2,212,125		0.0000	1.0000	100.00
36.5	2,212,125		0.0000	1.0000	100.00
37.5	2,212,125		0.0000	1.0000	100.00
38.5	2,212,125		0.0000	1.0000	100.00

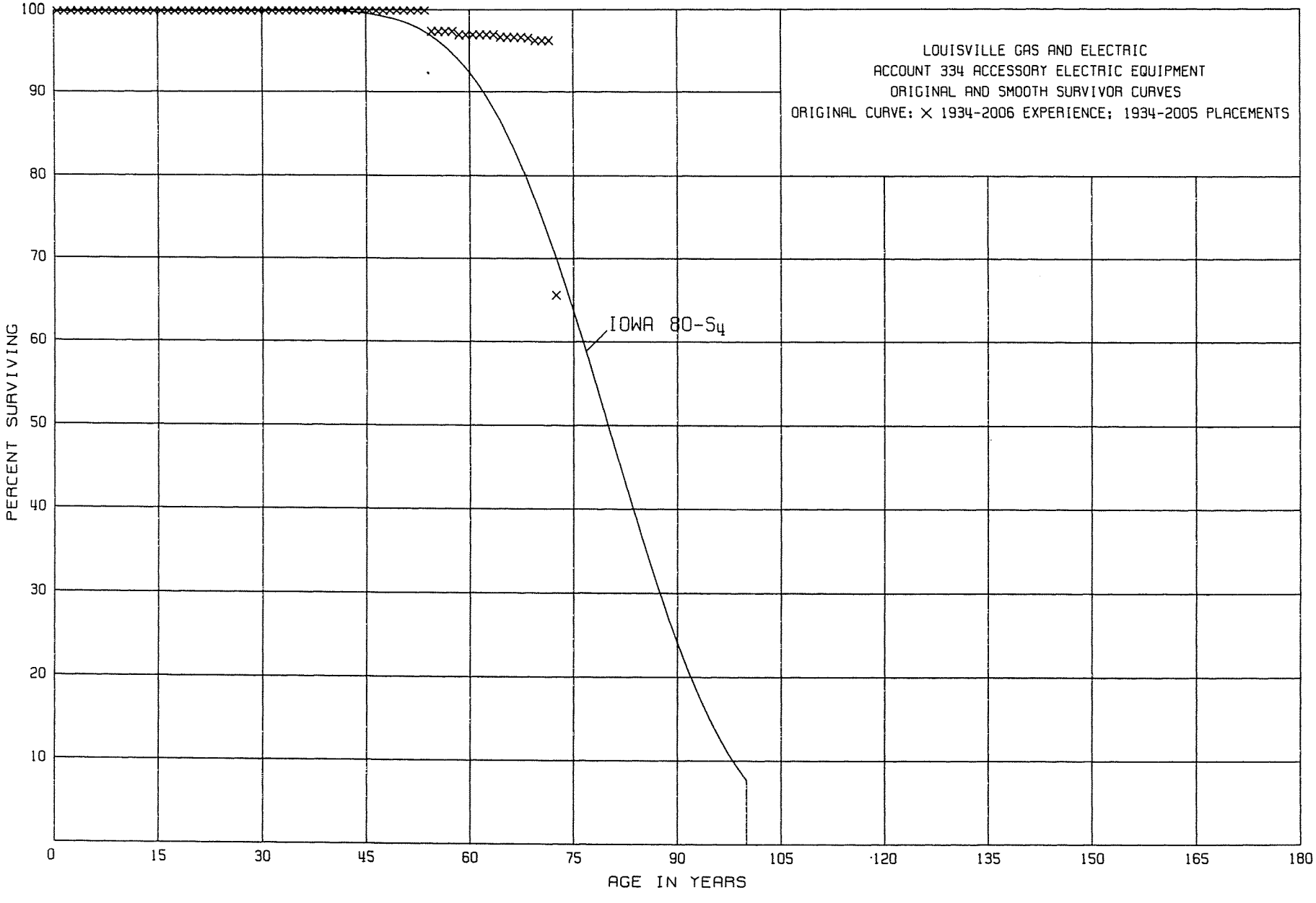
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 333 WATER WHEELS, TURBINES & GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	2,207,393		0.0000	1.0000	100.00
40.5	2,207,393		0.0000	1.0000	100.00
41.5	2,144,114		0.0000	1.0000	100.00
42.5	2,144,114		0.0000	1.0000	100.00
43.5	2,144,114		0.0000	1.0000	100.00
44.5	2,144,114		0.0000	1.0000	100.00
45.5	2,144,114		0.0000	1.0000	100.00
46.5	2,144,114		0.0000	1.0000	100.00
47.5	2,144,114		0.0000	1.0000	100.00
48.5	2,144,114		0.0000	1.0000	100.00
49.5	2,144,114		0.0000	1.0000	100.00
50.5	2,144,114		0.0000	1.0000	100.00
51.5	2,144,114		0.0000	1.0000	100.00
52.5	2,144,114		0.0000	1.0000	100.00
53.5	2,144,114		0.0000	1.0000	100.00
54.5	2,144,114		0.0000	1.0000	100.00
55.5	2,144,114		0.0000	1.0000	100.00
56.5	2,144,114		0.0000	1.0000	100.00
57.5	2,144,108		0.0000	1.0000	100.00
58.5	2,144,108		0.0000	1.0000	100.00
59.5	2,140,212		0.0000	1.0000	100.00
60.5	2,140,212		0.0000	1.0000	100.00
61.5	2,140,212		0.0000	1.0000	100.00
62.5	2,140,212		0.0000	1.0000	100.00
63.5	2,140,205		0.0000	1.0000	100.00
64.5	2,140,205		0.0000	1.0000	100.00
65.5	2,140,205	2,764	0.0013	0.9987	100.00
66.5	2,034,392		0.0000	1.0000	99.87
67.5	1,958,795		0.0000	1.0000	99.87
68.5	1,905,867	16,964	0.0089	0.9911	99.87
69.5	1,579,722	411	0.0003	0.9997	98.98
70.5	1,574,410		0.0000	1.0000	98.95
71.5	1,574,410	3,530	0.0022	0.9978	98.95
72.5					98.73


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2005 PLACEMENTS
IOWA 80-S4
PERCENT SURVIVING
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180
AGE IN YEARS

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	4,547,551		0.0000	1.0000	100.00
0.5	4,547,551		0.0000	1.0000	100.00
1.5	4,543,696		0.0000	1.0000	100.00
2.5	1,597,757		0.0000	1.0000	100.00
3.5	1,304,908		0.0000	1.0000	100.00
4.5	1,304,908		0.0000	1.0000	100.00
5.5	1,304,908		0.0000	1.0000	100.00
6.5	1,304,908		0.0000	1.0000	100.00
7.5	1,304,908		0.0000	1.0000	100.00
8.5	1,304,908		0.0000	1.0000	100.00
9.5	1,304,908		0.0000	1.0000	100.00
10.5	1,299,021		0.0000	1.0000	100.00
11.5	694,551		0.0000	1.0000	100.00
12.5	694,551		0.0000	1.0000	100.00
13.5	694,551		0.0000	1.0000	100.00
14.5	694,551		0.0000	1.0000	100.00
15.5	694,551		0.0000	1.0000	100.00
16.5	694,551		0.0000	1.0000	100.00
17.5	694,551		0.0000	1.0000	100.00
18.5	608,562		0.0000	1.0000	100.00
19.5	572,933		0.0000	1.0000	100.00
20.5	572,933		0.0000	1.0000	100.00
21.5	572,933		0.0000	1.0000	100.00
22.5	572,933		0.0000	1.0000	100.00
23.5	572,933		0.0000	1.0000	100.00
24.5	572,933		0.0000	1.0000	100.00
25.5	572,933		0.0000	1.0000	100.00
26.5	572,933		0.0000	1.0000	100.00
27.5	572,933		0.0000	1.0000	100.00
28.5	572,933		0.0000	1.0000	100.00
29.5	572,933		0.0000	1.0000	100.00
30.5	572,933		0.0000	1.0000	100.00
31.5	572,933		0.0000	1.0000	100.00
32.5	572,933		0.0000	1.0000	100.00
33.5	572,933		0.0000	1.0000	100.00
34.5	572,933		0.0000	1.0000	100.00
35.5	567,648		0.0000	1.0000	100.00
36.5	562,527		0.0000	1.0000	100.00
37.5	562,527		0.0000	1.0000	100.00
38.5	560,842		0.0000	1.0000	100.00

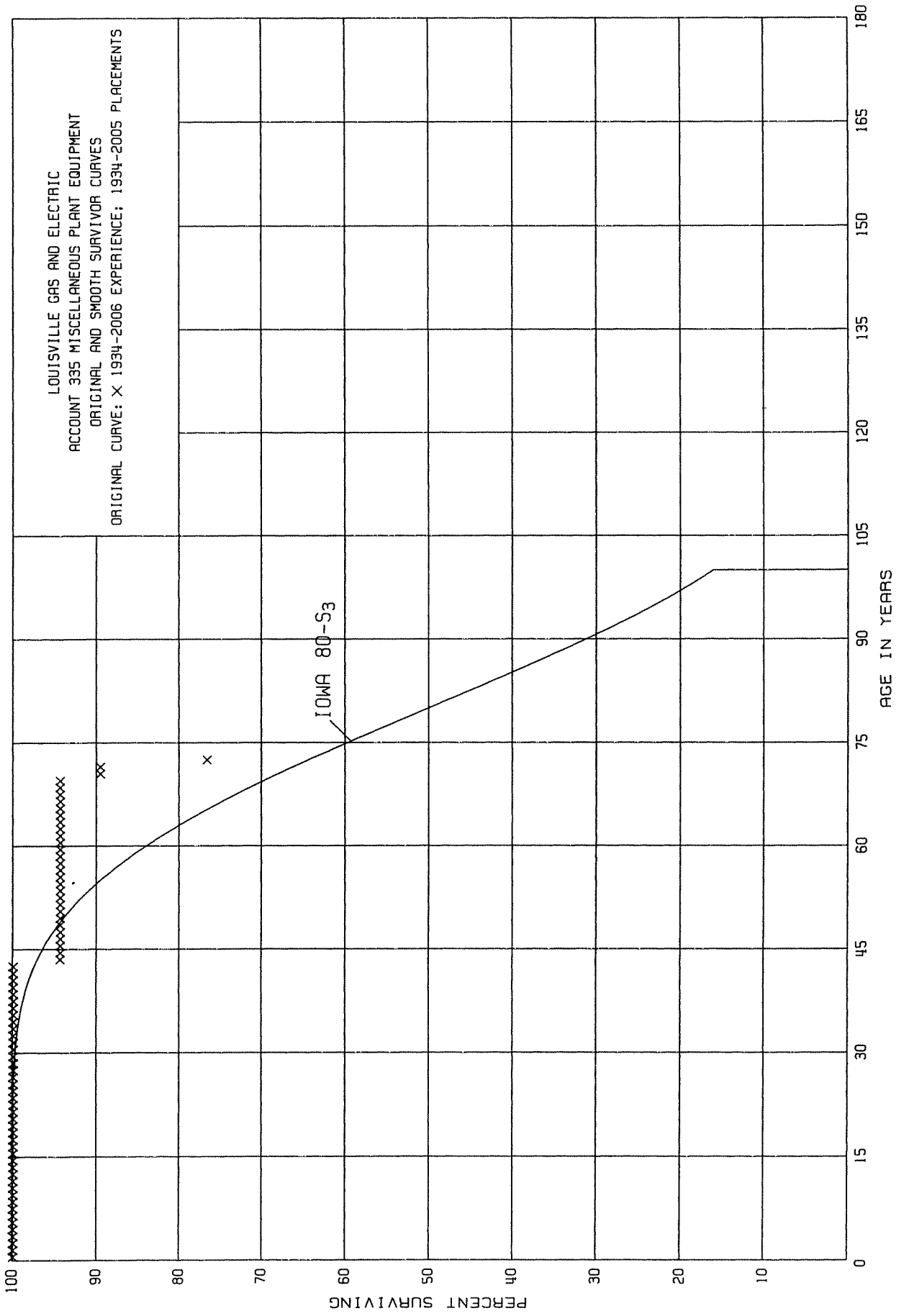
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	560,842		0.0000	1.0000	100.00
40.5	508,693		0.0000	1.0000	100.00
41.5	508,693	153	0.0003	0.9997	100.00
42.5	506,475		0.0000	1.0000	99.97
43.5	506,475		0.0000	1.0000	99.97
44.5	506,475		0.0000	1.0000	99.97
45.5	506,475		0.0000	1.0000	99.97
46.5	506,438		0.0000	1.0000	99.97
47.5	501,399		0.0000	1.0000	99.97
48.5	501,399		0.0000	1.0000	99.97
49.5	501,399		0.0000	1.0000	99.97
50.5	501,399		0.0000	1.0000	99.97
51.5	500,926		0.0000	1.0000	99.97
52.5	500,926		0.0000	1.0000	99.97
53.5	500,926	13,158	0.0263	0.9737	99.97
54.5	456,493		0.0000	1.0000	97.34
55.5	456,493		0.0000	1.0000	97.34
56.5	456,493		0.0000	1.0000	97.34
57.5	452,605	1,890	0.0042	0.9958	97.34
58.5	440,902		0.0000	1.0000	96.93
59.5	440,902		0.0000	1.0000	96.93
60.5	440,902		0.0000	1.0000	96.93
61.5	440,902		0.0000	1.0000	96.93
62.5	440,902		0.0000	1.0000	96.93
63.5	440,902	1,409	0.0032	0.9968	96.93
64.5	437,598		0.0000	1.0000	96.62
65.5	437,598		0.0000	1.0000	96.62
66.5	437,517		0.0000	1.0000	96.62
67.5	432,952	562	0.0013	0.9987	96.62
68.5	430,507	1,243	0.0029	0.9971	96.49
69.5	427,775		0.0000	1.0000	96.21
70.5	427,775		0.0000	1.0000	96.21
71.5	427,775	136,261	0.3185	0.6815	96.21
72.5					65.57


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 335 MISCELLANEOUS PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2005 PLACEMENTS
IOWA 80-S3
PERCENT SURVIVING
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180
AGE IN YEARS

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 335 MISCELLANEOUS PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	191,978		0.0000	1.0000	100.00
0.5	191,978		0.0000	1.0000	100.00
1.5	187,035		0.0000	1.0000	100.00
2.5	162,922		0.0000	1.0000	100.00
3.5	162,922		0.0000	1.0000	100.00
4.5	162,922		0.0000	1.0000	100.00
5.5	162,922		0.0000	1.0000	100.00
6.5	162,922		0.0000	1.0000	100.00
7.5	162,922		0.0000	1.0000	100.00
8.5	162,922		0.0000	1.0000	100.00
9.5	162,922		0.0000	1.0000	100.00
10.5	128,118		0.0000	1.0000	100.00
11.5	128,118		0.0000	1.0000	100.00
12.5	128,118		0.0000	1.0000	100.00
13.5	128,118		0.0000	1.0000	100.00
14.5	128,118		0.0000	1.0000	100.00
15.5	128,118		0.0000	1.0000	100.00
16.5	128,118		0.0000	1.0000	100.00
17.5	128,118		0.0000	1.0000	100.00
18.5	92,466		0.0000	1.0000	100.00
19.5	90,998		0.0000	1.0000	100.00
20.5	88,921		0.0000	1.0000	100.00
21.5	78,609		0.0000	1.0000	100.00
22.5	77,826		0.0000	1.0000	100.00
23.5	77,826		0.0000	1.0000	100.00
24.5	75,796		0.0000	1.0000	100.00
25.5	75,796		0.0000	1.0000	100.00
26.5	75,796		0.0000	1.0000	100.00
27.5	75,512		0.0000	1.0000	100.00
28.5	74,517		0.0000	1.0000	100.00
29.5	74,517		0.0000	1.0000	100.00
30.5	74,517		0.0000	1.0000	100.00
31.5	74,517		0.0000	1.0000	100.00
32.5	74,517		0.0000	1.0000	100.00
33.5	71,409		0.0000	1.0000	100.00
34.5	70,947		0.0000	1.0000	100.00
35.5	70,558		0.0000	1.0000	100.00
36.5	70,558		0.0000	1.0000	100.00
37.5	70,558		0.0000	1.0000	100.00
38.5	70,558		0.0000	1.0000	100.00

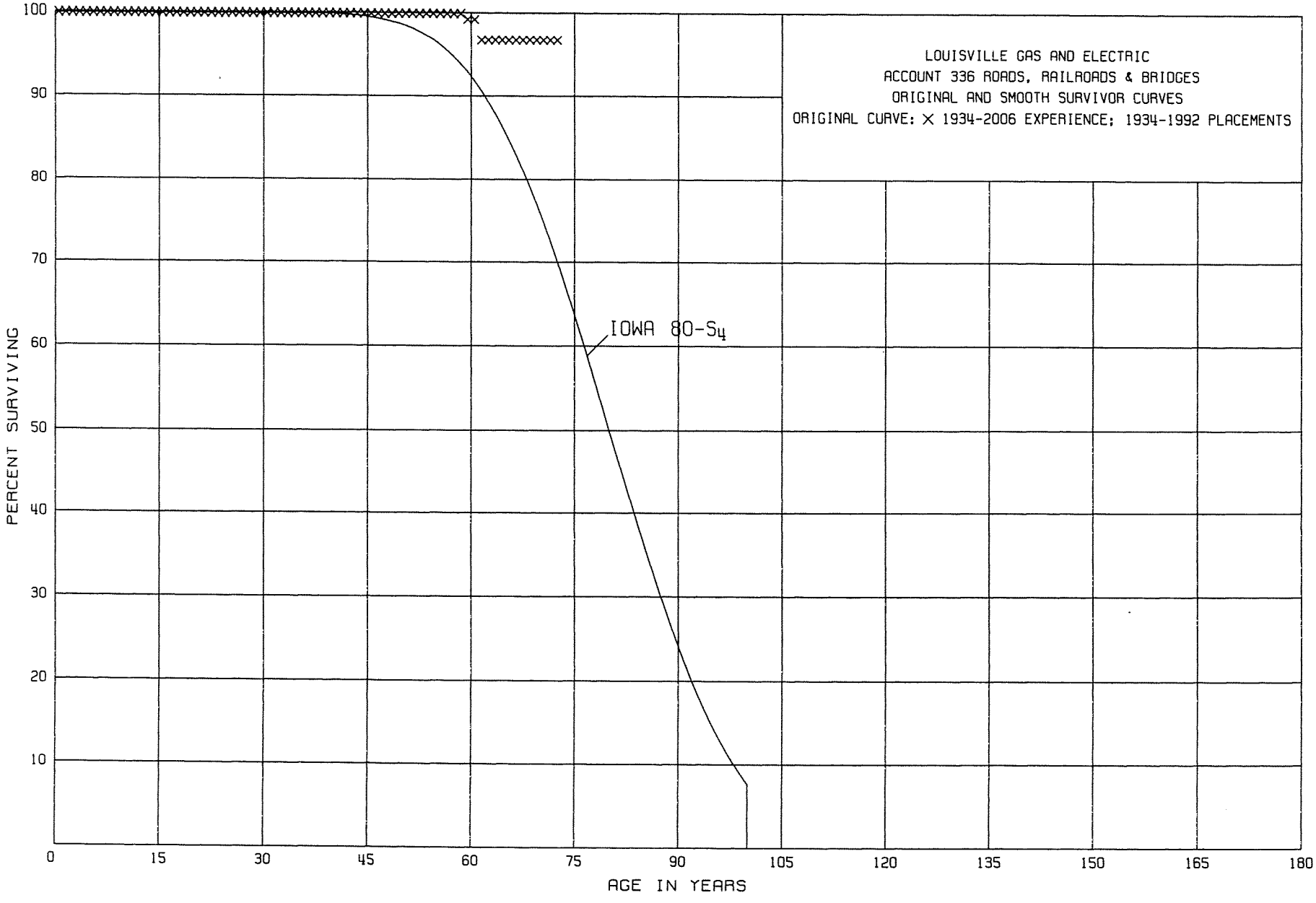
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 335 MISCELLANEOUS PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2005 EXPERIENCE BAND 1934-2006

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	66,975		0.0000	1.0000	100.00
40.5	66,975		0.0000	1.0000	100.00
41.5	64,293		0.0000	1.0000	100.00
42.5	64,293	3,647	0.0567	0.9433	100.00
43.5	60,646		0.0000	1.0000	94.33
44.5	60,646		0.0000	1.0000	94.33
45.5	60,646		0.0000	1.0000	94.33
46.5	52,896		0.0000	1.0000	94.33
47.5	52,896		0.0000	1.0000	94.33
48.5	52,896		0.0000	1.0000	94.33
49.5	52,896		0.0000	1.0000	94.33
50.5	52,665		0.0000	1.0000	94.33
51.5	52,665		0.0000	1.0000	94.33
52.5	52,665		0.0000	1.0000	94.33
53.5	52,665		0.0000	1.0000	94.33
54.5	52,665		0.0000	1.0000	94.33
55.5	52,462		0.0000	1.0000	94.33
56.5	52,038		0.0000	1.0000	94.33
57.5	52,038		0.0000	1.0000	94.33
58.5	52,038		0.0000	1.0000	94.33
59.5	50,197		0.0000	1.0000	94.33
60.5	49,987		0.0000	1.0000	94.33
61.5	49,987		0.0000	1.0000	94.33
62.5	49,987		0.0000	1.0000	94.33
63.5	49,987		0.0000	1.0000	94.33
64.5	49,987		0.0000	1.0000	94.33
65.5	49,972		0.0000	1.0000	94.33
66.5	49,972		0.0000	1.0000	94.33
67.5	49,852		0.0000	1.0000	94.33
68.5	49,825		0.0000	1.0000	94.33
69.5	49,825	2,554	0.0513	0.9487	94.33
70.5	47,271		0.0000	1.0000	89.49
71.5	47,141	6,784	0.1439	0.8561	89.49
72.5					76.61


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 336 ROADS, RAILROADS & BRIDGES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-1992 PLACEMENTS
IOWA 80-S4
PERCENT SURVIVING
100
90
80
70
60
50
40
30
20
10
0
15
30
45
60
75
90
105
120
135
150
165
180
AGE IN YEARS

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 336 ROADS, RAILROADS & BRIDGES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-1992 EXPERIENCE BAND 1934-2006

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	185,663		0.0000	1.0000	100.00
0.5	185,663		0.0000	1.0000	100.00
1.5	185,663		0.0000	1.0000	100.00
2.5	185,663		0.0000	1.0000	100.00
3.5	185,663		0.0000	1.0000	100.00
4.5	185,663		0.0000	1.0000	100.00
5.5	185,663		0.0000	1.0000	100.00
6.5	185,663		0.0000	1.0000	100.00
7.5	185,663		0.0000	1.0000	100.00
8.5	185,663		0.0000	1.0000	100.00
9.5	185,663		0.0000	1.0000	100.00
10.5	185,663		0.0000	1.0000	100.00
11.5	185,663		0.0000	1.0000	100.00
12.5	185,663		0.0000	1.0000	100.00
13.5	185,663		0.0000	1.0000	100.00
14.5	174,590		0.0000	1.0000	100.00
15.5	174,590		0.0000	1.0000	100.00
16.5	174,590		0.0000	1.0000	100.00
17.5	174,590		0.0000	1.0000	100.00
18.5	174,590		0.0000	1.0000	100.00
19.5	174,590		0.0000	1.0000	100.00
20.5	174,590		0.0000	1.0000	100.00
21.5	174,590		0.0000	1.0000	100.00
22.5	174,590		0.0000	1.0000	100.00
23.5	174,590		0.0000	1.0000	100.00
24.5	174,590		0.0000	1.0000	100.00
25.5	174,590		0.0000	1.0000	100.00
26.5	174,590		0.0000	1.0000	100.00
27.5	174,590		0.0000	1.0000	100.00
28.5	174,590		0.0000	1.0000	100.00
29.5	174,590		0.0000	1.0000	100.00
30.5	174,590		0.0000	1.0000	100.00
31.5	174,590		0.0000	1.0000	100.00
32.5	174,590		0.0000	1.0000	100.00
33.5	174,590		0.0000	1.0000	100.00
34.5	174,590		0.0000	1.0000	100.00
35.5	174,590		0.0000	1.0000	100.00
36.5	174,590		0.0000	1.0000	100.00
37.5	174,590		0.0000	1.0000	100.00
38.5	174,590		0.0000	1.0000	100.00

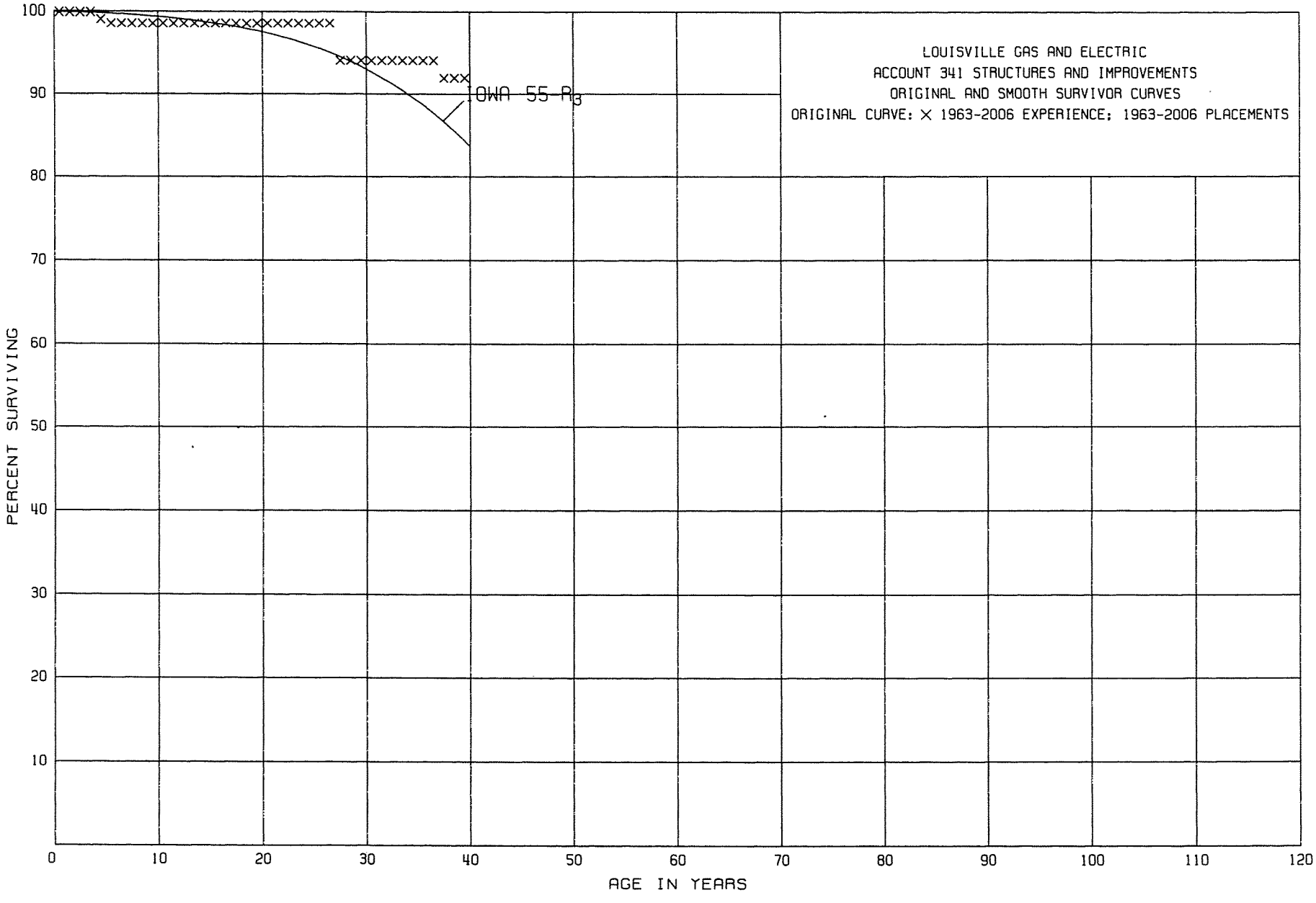
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 336 ROADS, RAILROADS & BRIDGES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-1992 EXPERIENCE BAND 1934-2006

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	174,590		0.0000	1.0000	100.00
40.5	174,590		0.0000	1.0000	100.00
41.5	174,590		0.0000	1.0000	100.00
42.5	174,590		0.0000	1.0000	100.00
43.5	174,590		0.0000	1.0000	100.00
44.5	174,590		0.0000	1.0000	100.00
45.5	174,590		0.0000	1.0000	100.00
46.5	174,590		0.0000	1.0000	100.00
47.5	174,590		0.0000	1.0000	100.00
48.5	174,590		0.0000	1.0000	100.00
49.5	174,590		0.0000	1.0000	100.00
50.5	174,590		0.0000	1.0000	100.00
51.5	174,590		0.0000	1.0000	100.00
52.5	174,590		0.0000	1.0000	100.00
53.5	174,590		0.0000	1.0000	100.00
54.5	174,590		0.0000	1.0000	100.00
55.5	174,590		0.0000	1.0000	100.00
56.5	174,590		0.0000	1.0000	100.00
57.5	174,590		0.0000	1.0000	100.00
58.5	174,590	1,359	0.0078	0.9922	100.00
59.5	173,231		0.0000	1.0000	99.22
60.5	173,231	4,323	0.0250	0.9750	99.22
61.5	168,908		0.0000	1.0000	96.74
62.5	168,908		0.0000	1.0000	96.74
63.5	168,908		0.0000	1.0000	96.74
64.5	168,908		0.0000	1.0000	96.74
65.5	167,774		0.0000	1.0000	96.74
66.5	167,774		0.0000	1.0000	96.74
67.5	162,010		0.0000	1.0000	96.74
68.5	159,687		0.0000	1.0000	96.74
69.5	159,687		0.0000	1.0000	96.74
70.5	159,687		0.0000	1.0000	96.74
71.5	159,687		0.0000	1.0000	96.74
72.5					96.74


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 341 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1963-2006 EXPERIENCE; 1963-2006 PLACEMENTS
IOWA 55-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2006 EXPERIENCE BAND 1963-2006

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	15,311,122		0.0000	1.0000	100.00
0.5	15,260,054		0.0000	1.0000	100.00
1.5	15,174,353		0.0000	1.0000	100.00
2.5	6,723,515		0.0000	1.0000	100.00
3.5	6,720,992	60,366	0.0090	0.9910	100.00
4.5	3,738,411	19,595	0.0052	0.9948	99.10
5.5	707,337		0.0000	1.0000	98.58
6.5	532,015		0.0000	1.0000	98.58
7.5	532,015		0.0000	1.0000	98.58
8.5	532,015		0.0000	1.0000	98.58
9.5	532,015		0.0000	1.0000	98.58
10.5	532,015		0.0000	1.0000	98.58
11.5	532,015		0.0000	1.0000	98.58
12.5	532,015		0.0000	1.0000	98.58
13.5	532,015		0.0000	1.0000	98.58
14.5	532,015		0.0000	1.0000	98.58
15.5	532,015		0.0000	1.0000	98.58
16.5	532,015		0.0000	1.0000	98.58
17.5	532,015		0.0000	1.0000	98.58
18.5	532,015		0.0000	1.0000	98.58
19.5	532,015		0.0000	1.0000	98.58
20.5	532,015		0.0000	1.0000	98.58
21.5	532,015		0.0000	1.0000	98.58
22.5	532,015		0.0000	1.0000	98.58
23.5	532,015		0.0000	1.0000	98.58
24.5	488,976		0.0000	1.0000	98.58
25.5	488,976		0.0000	1.0000	98.58
26.5	488,976	22,942	0.0469	0.9531	98.58
27.5	466,035		0.0000	1.0000	93.96
28.5	466,035		0.0000	1.0000	93.96
29.5	466,035		0.0000	1.0000	93.96
30.5	466,035		0.0000	1.0000	93.96
31.5	466,035		0.0000	1.0000	93.96
32.5	466,035		0.0000	1.0000	93.96
33.5	466,035		0.0000	1.0000	93.96
34.5	466,035		0.0000	1.0000	93.96
35.5	466,035		0.0000	1.0000	93.96
36.5	389,036	8,767	0.0225	0.9775	93.96
37.5	380,269		0.0000	1.0000	91.85
38.5	380,269		0.0000	1.0000	91.85

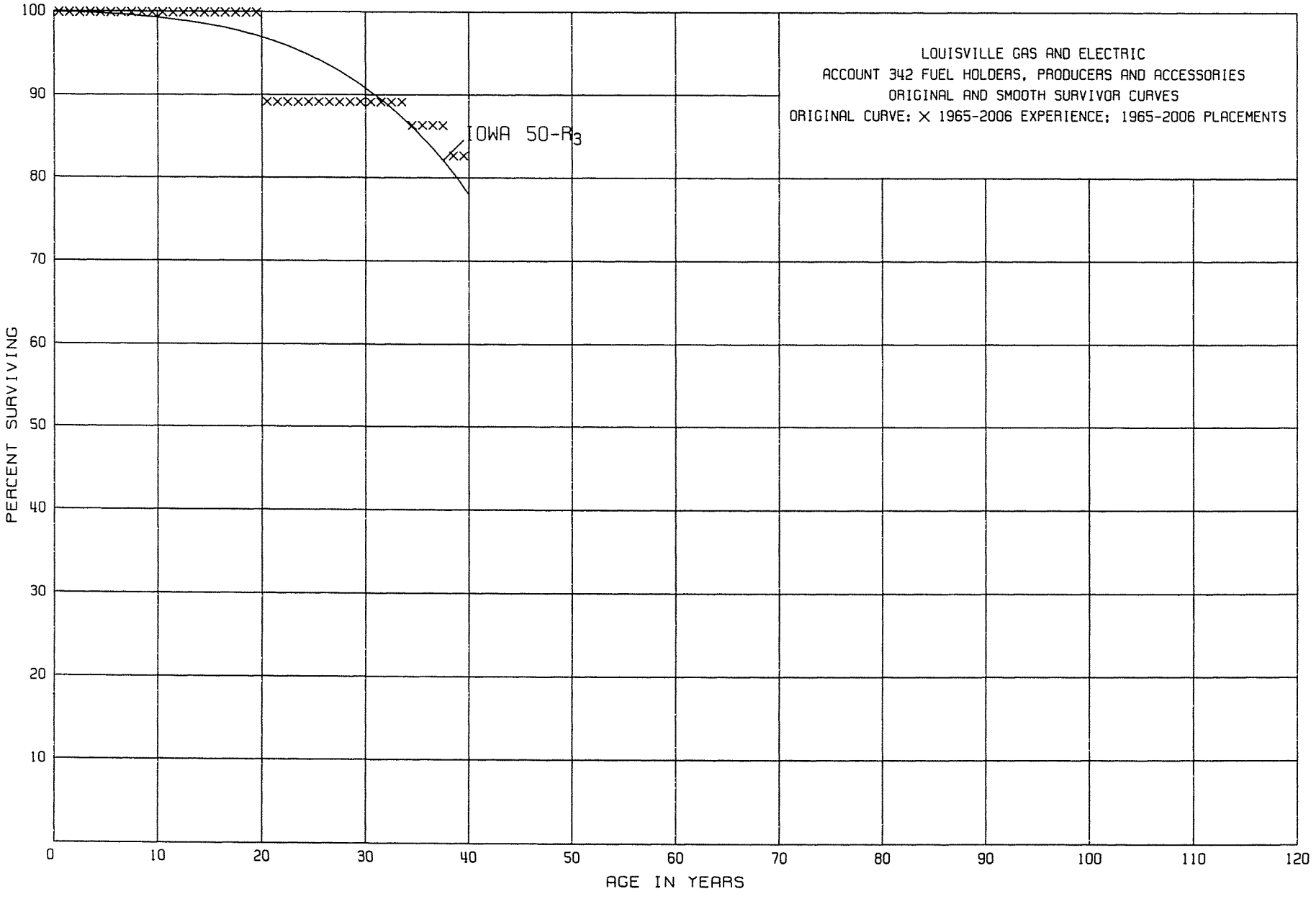
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1963-2006 EXPERIENCE BAND 1963-2006

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	380,269		0.0000	1.0000	91.85
40.5	380,269	74,903	0.1970	0.8030	91.85
41.5	305,366		0.0000	1.0000	73.76
42.5	305,366	305,366	1.0000	0.0000	73.76
43.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1965-2006 EXPERIENCE; 1965-2006 PLACEMENTS
IOWA 50-R3
PERCENT SURVIVING
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
AGE IN YEARS

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1965-2006 EXPERIENCE BAND 1965-2006

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	7,387,369		0.0000	1.0000	100.00
0.5	7,382,901		0.0000	1.0000	100.00
1.5	7,204,007		0.0000	1.0000	100.00
2.5	5,833,516		0.0000	1.0000	100.00
3.5	5,833,516		0.0000	1.0000	100.00
4.5	3,797,726		0.0000	1.0000	100.00
5.5	717,274		0.0000	1.0000	100.00
6.5	251,447		0.0000	1.0000	100.00
7.5	251,447		0.0000	1.0000	100.00
8.5	251,447		0.0000	1.0000	100.00
9.5	251,447		0.0000	1.0000	100.00
10.5	251,447		0.0000	1.0000	100.00
11.5	251,447		0.0000	1.0000	100.00
12.5	251,447		0.0000	1.0000	100.00
13.5	251,447		0.0000	1.0000	100.00
14.5	251,447		0.0000	1.0000	100.00
15.5	251,447		0.0000	1.0000	100.00
16.5	251,447		0.0000	1.0000	100.00
17.5	251,447		0.0000	1.0000	100.00
18.5	251,447		0.0000	1.0000	100.00
19.5	251,447	27,339	0.1087	0.8913	100.00
20.5	224,108		0.0000	1.0000	89.13
21.5	224,108		0.0000	1.0000	89.13
22.5	221,890		0.0000	1.0000	89.13
23.5	221,890		0.0000	1.0000	89.13
24.5	140,956		0.0000	1.0000	89.13
25.5	140,956		0.0000	1.0000	89.13
26.5	140,956		0.0000	1.0000	89.13
27.5	140,956		0.0000	1.0000	89.13
28.5	140,956		0.0000	1.0000	89.13
29.5	140,956		0.0000	1.0000	89.13
30.5	140,956		0.0000	1.0000	89.13
31.5	140,956		0.0000	1.0000	89.13
32.5	140,956		0.0000	1.0000	89.13
33.5	140,956	4,465	0.0317	0.9683	89.13
34.5	136,491		0.0000	1.0000	86.30
35.5	136,491		0.0000	1.0000	86.30
36.5	96,824		0.0000	1.0000	86.30
37.5	96,824	4,128	0.0426	0.9574	86.30
38.5	92,696		0.0000	1.0000	82.62

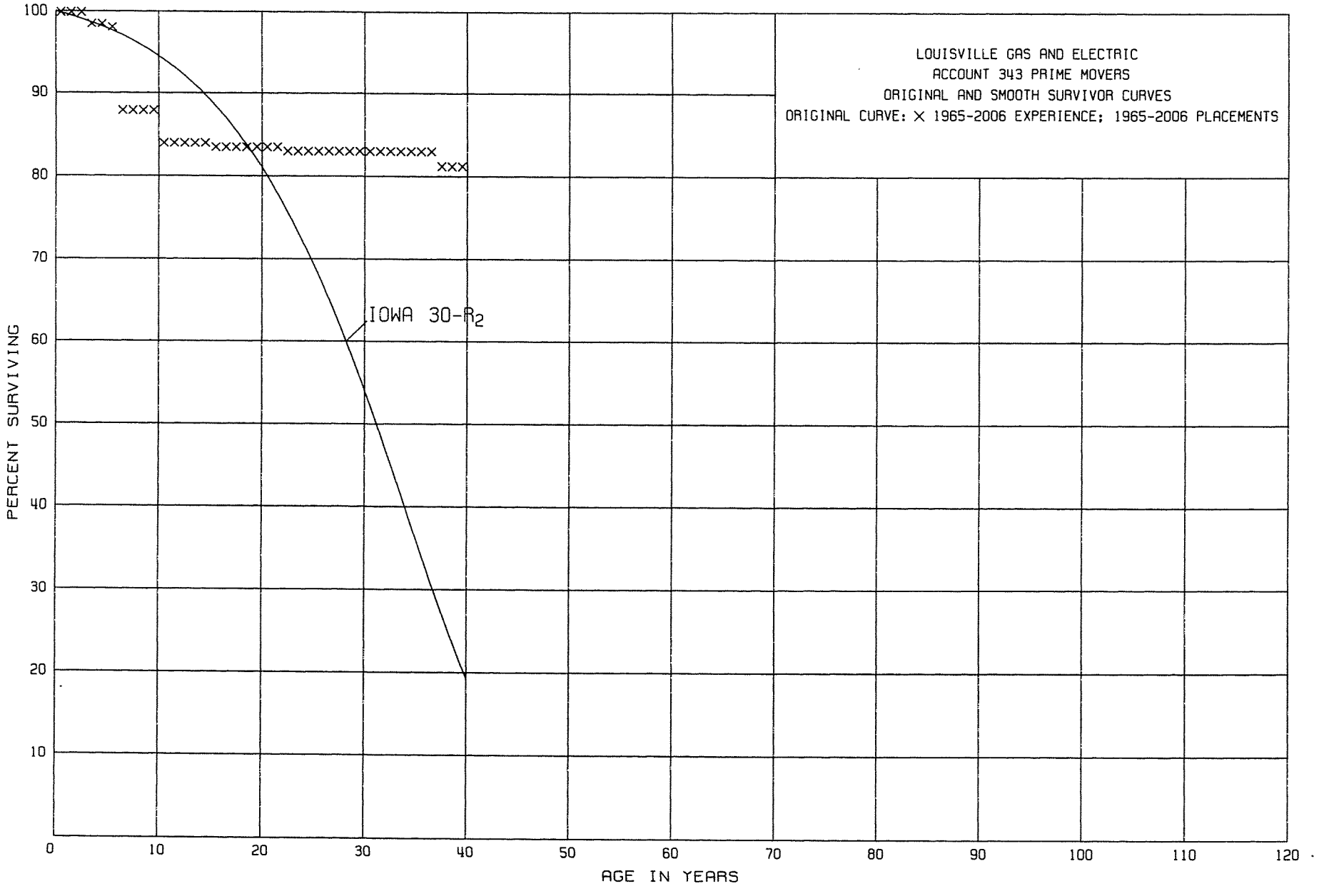
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1965-2006 EXPERIENCE BAND 1965-2006

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	92,696		0.0000	1.0000	82.62
40.5	92,696	92,696	1.0000	0.0000	82.62
41.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 343 PRIME MOVERS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1965-2006 EXPERIENCE; 1965-2006 PLACEMENTS
IOWA 30-R2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 343 PRIME MOVERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1965-2006 EXPERIENCE BAND 1965-2006

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	159,545,643		0.0000	1.0000	100.00
0.5	154,489,491	4,286	0.0000	1.0000	100.00
1.5	153,070,446		0.0000	1.0000	100.00
2.5	100,593,738	1,477,245	0.0147	0.9853	100.00
3.5	98,292,529		0.0000	1.0000	98.53
4.5	73,825,438	303,983	0.0041	0.9959	98.53
5.5	39,961,969	4,174,347	0.1045	0.8955	98.13
6.5	22,419,029		0.0000	1.0000	87.88
7.5	2,395,072		0.0000	1.0000	87.88
8.5	2,395,072		0.0000	1.0000	87.88
9.5	2,395,072	104,704	0.0437	0.9563	87.88
10.5	2,290,368		0.0000	1.0000	84.04
11.5	2,290,368		0.0000	1.0000	84.04
12.5	2,290,368		0.0000	1.0000	84.04
13.5	2,290,368		0.0000	1.0000	84.04
14.5	2,290,368	13,507	0.0059	0.9941	84.04
15.5	2,276,861		0.0000	1.0000	83.54
16.5	2,276,861		0.0000	1.0000	83.54
17.5	2,276,861		0.0000	1.0000	83.54
18.5	2,276,861		0.0000	1.0000	83.54
19.5	2,276,861		0.0000	1.0000	83.54
20.5	2,276,861		0.0000	1.0000	83.54
21.5	2,276,861	13,657	0.0060	0.9940	83.54
22.5	2,263,204		0.0000	1.0000	83.04
23.5	2,263,204		0.0000	1.0000	83.04
24.5	2,263,204		0.0000	1.0000	83.04
25.5	2,263,204		0.0000	1.0000	83.04
26.5	2,263,204		0.0000	1.0000	83.04
27.5	2,263,204		0.0000	1.0000	83.04
28.5	2,263,204		0.0000	1.0000	83.04
29.5	2,263,204		0.0000	1.0000	83.04
30.5	2,263,204		0.0000	1.0000	83.04
31.5	2,263,204		0.0000	1.0000	83.04
32.5	2,263,204		0.0000	1.0000	83.04
33.5	2,263,204		0.0000	1.0000	83.04
34.5	2,263,204		0.0000	1.0000	83.04
35.5	2,263,204		0.0000	1.0000	83.04
36.5	2,263,204	49,334	0.0218	0.9782	83.04
37.5	2,213,870		0.0000	1.0000	81.23
38.5	2,213,870		0.0000	1.0000	81.23

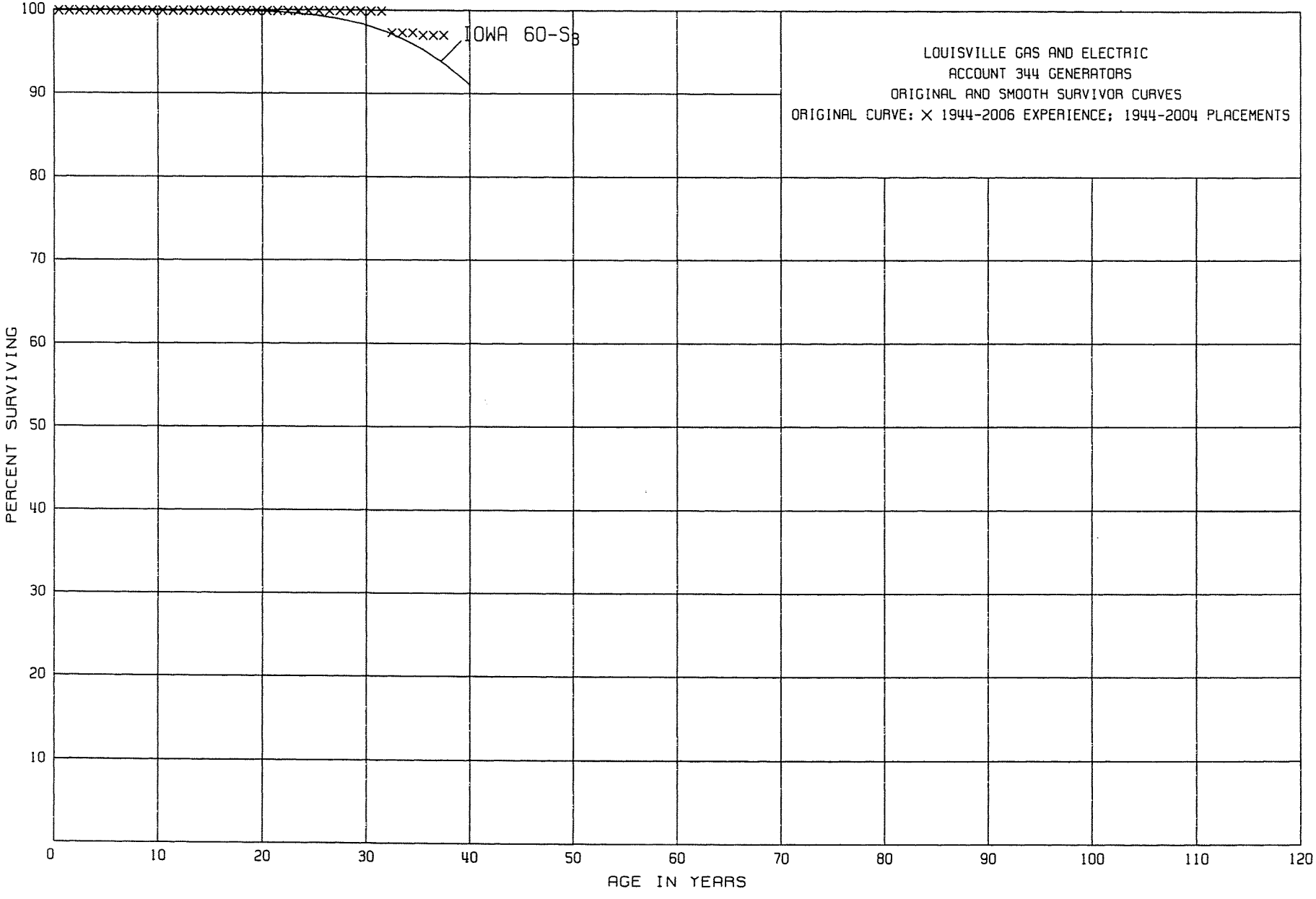
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 343 PRIME MOVERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1965-2006 EXPERIENCE BAND 1965-2006

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	2,213,870		0.0000	1.0000	81.23
40.5	2,213,870	2,213,870	1.0000	0.0000	81.23
41.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 344 GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1944-2006 EXPERIENCE; 1944-2004 PLACEMENTS
IOWA 60-S3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 344 GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1944-2004 EXPERIENCE BAND 1944-2006

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	33,344,184		0.0000	1.0000	100.00
0.5	33,366,615		0.0000	1.0000	100.00
1.5	33,366,615		0.0000	1.0000	100.00
2.5	26,449,401		0.0000	1.0000	100.00
3.5	26,449,401		0.0000	1.0000	100.00
4.5	22,480,695		0.0000	1.0000	100.00
5.5	13,418,786		0.0000	1.0000	100.00
6.5	8,579,712		0.0000	1.0000	100.00
7.5	8,197,239		0.0000	1.0000	100.00
8.5	8,197,239		0.0000	1.0000	100.00
9.5	7,902,508		0.0000	1.0000	100.00
10.5	7,517,029		0.0000	1.0000	100.00
11.5	7,478,273		0.0000	1.0000	100.00
12.5	7,478,273		0.0000	1.0000	100.00
13.5	7,438,999		0.0000	1.0000	100.00
14.5	7,438,999		0.0000	1.0000	100.00
15.5	7,438,999		0.0000	1.0000	100.00
16.5	7,438,999		0.0000	1.0000	100.00
17.5	7,438,999		0.0000	1.0000	100.00
18.5	7,438,999		0.0000	1.0000	100.00
19.5	7,418,493		0.0000	1.0000	100.00
20.5	7,413,299		0.0000	1.0000	100.00
21.5	7,413,299		0.0000	1.0000	100.00
22.5	7,407,069		0.0000	1.0000	100.00
23.5	7,390,966		0.0000	1.0000	100.00
24.5	6,998,721		0.0000	1.0000	100.00
25.5	6,998,721		0.0000	1.0000	100.00
26.5	6,990,812		0.0000	1.0000	100.00
27.5	6,990,812		0.0000	1.0000	100.00
28.5	6,990,812		0.0000	1.0000	100.00
29.5	6,990,812		0.0000	1.0000	100.00
30.5	6,990,812		0.0000	1.0000	100.00
31.5	6,988,382	191,176	0.0274	0.9726	100.00
32.5	6,797,206		0.0000	1.0000	97.26
33.5	6,797,206		0.0000	1.0000	97.26
34.5	6,797,206	21,746	0.0032	0.9968	97.26
35.5	6,775,461		0.0000	1.0000	96.95
36.5	429,569		0.0000	1.0000	96.95
37.5	429,569		0.0000	1.0000	96.95
38.5	429,372		0.0000	1.0000	96.95

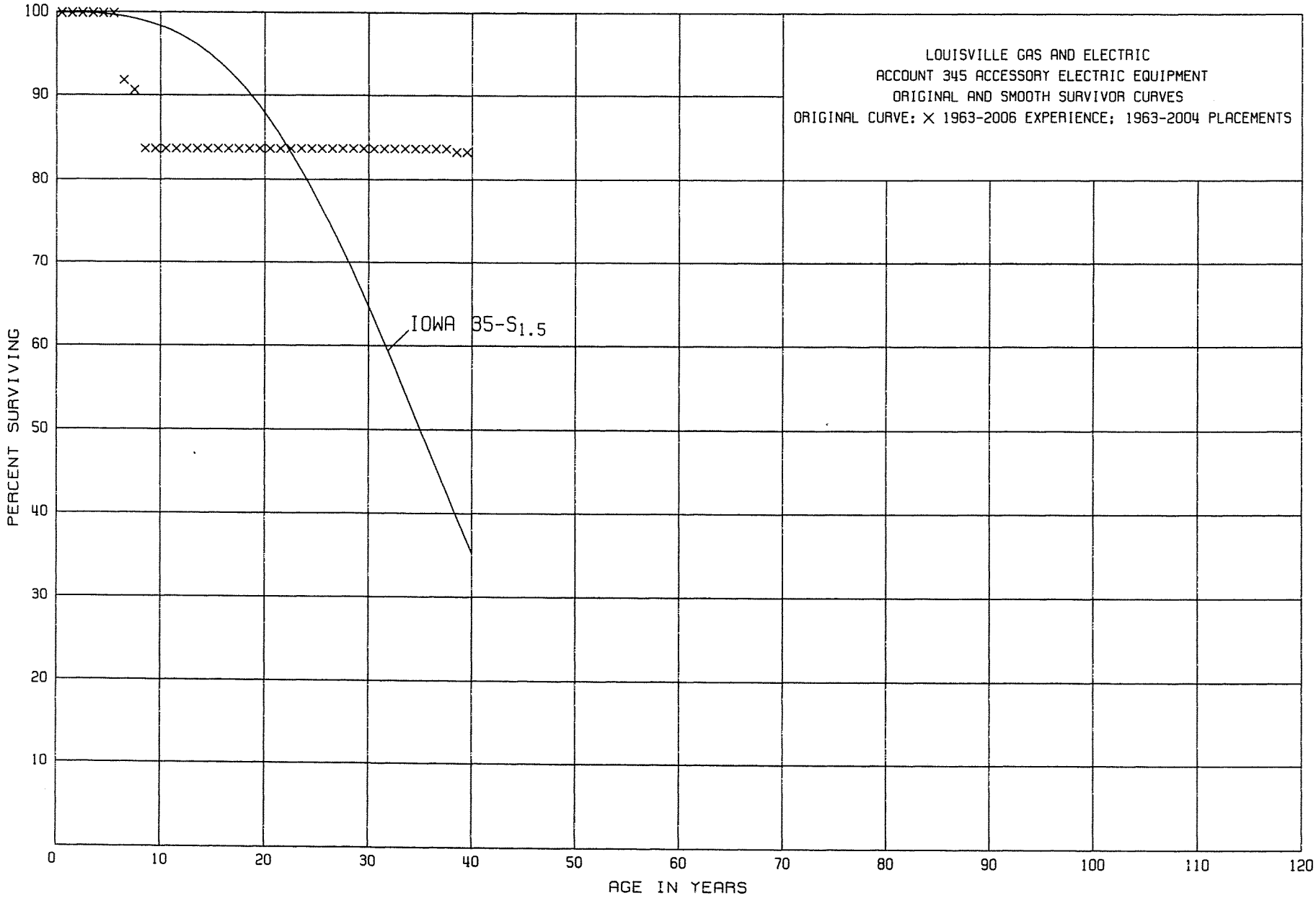
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 344 GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1944-2004 EXPERIENCE BAND 1944-2006

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	429,372		0.0000	1.0000	96.95
40.5	429,372	42,837	0.0998	0.9002	96.95
41.5	386,534		0.0000	1.0000	87.27
42.5	386,534	386,200	0.9991	0.0009	87.27
43.5	334		0.0000	1.0000	0.08
44.5	334		0.0000	1.0000	0.08
45.5	334		0.0000	1.0000	0.08
46.5	334		0.0000	1.0000	0.08
47.5	334		0.0000	1.0000	0.08
48.5	334		0.0000	1.0000	0.08
49.5	334		0.0000	1.0000	0.08
50.5	334		0.0000	1.0000	0.08
51.5	334		0.0000	1.0000	0.08
52.5	334		0.0000	1.0000	0.08
53.5	334		0.0000	1.0000	0.08
54.5	334		0.0000	1.0000	0.08
55.5	334		0.0000	1.0000	0.08
56.5	334		0.0000	1.0000	0.08
57.5	334		0.0000	1.0000	0.08
58.5	334		0.0000	1.0000	0.08
59.5	334		0.0000	1.0000	0.08
60.5	334		0.0000	1.0000	0.08
61.5	334	334	1.0000	0.0000	0.08
62.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1963-2006 EXPERIENCE; 1963-2004 PLACEMENTS
IOWA 35-S1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2004 EXPERIENCE BAND 1963-2006

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	16,732,858		0.0000	1.0000	100.00
0.5	16,742,855		0.0000	1.0000	100.00
1.5	16,742,855		0.0000	1.0000	100.00
2.5	9,281,386		0.0000	1.0000	100.00
3.5	9,299,655		0.0000	1.0000	100.00
4.5	7,920,153		0.0000	1.0000	100.00
5.5	2,575,319	212,334	0.0824	0.9176	100.00
6.5	476,604	6,023	0.0126	0.9874	91.76
7.5	470,581	35,809	0.0761	0.9239	90.60
8.5	396,544		0.0000	1.0000	83.71
9.5	396,544		0.0000	1.0000	83.71
10.5	396,544		0.0000	1.0000	83.71
11.5	396,544		0.0000	1.0000	83.71
12.5	396,544		0.0000	1.0000	83.71
13.5	396,544		0.0000	1.0000	83.71
14.5	396,544		0.0000	1.0000	83.71
15.5	396,544		0.0000	1.0000	83.71
16.5	396,544		0.0000	1.0000	83.71
17.5	396,544		0.0000	1.0000	83.71
18.5	392,354		0.0000	1.0000	83.71
19.5	392,354		0.0000	1.0000	83.71
20.5	392,354		0.0000	1.0000	83.71
21.5	392,354		0.0000	1.0000	83.71
22.5	392,354		0.0000	1.0000	83.71
23.5	392,354		0.0000	1.0000	83.71
24.5	379,283		0.0000	1.0000	83.71
25.5	379,283		0.0000	1.0000	83.71
26.5	379,283		0.0000	1.0000	83.71
27.5	379,283		0.0000	1.0000	83.71
28.5	379,283		0.0000	1.0000	83.71
29.5	379,283		0.0000	1.0000	83.71
30.5	379,283		0.0000	1.0000	83.71
31.5	379,283		0.0000	1.0000	83.71
32.5	378,952		0.0000	1.0000	83.71
33.5	378,952		0.0000	1.0000	83.71
34.5	378,952		0.0000	1.0000	83.71
35.5	377,196		0.0000	1.0000	83.71
36.5	106,733		0.0000	1.0000	83.71
37.5	106,733	483	0.0045	0.9955	83.71
38.5	106,251		0.0000	1.0000	83.33

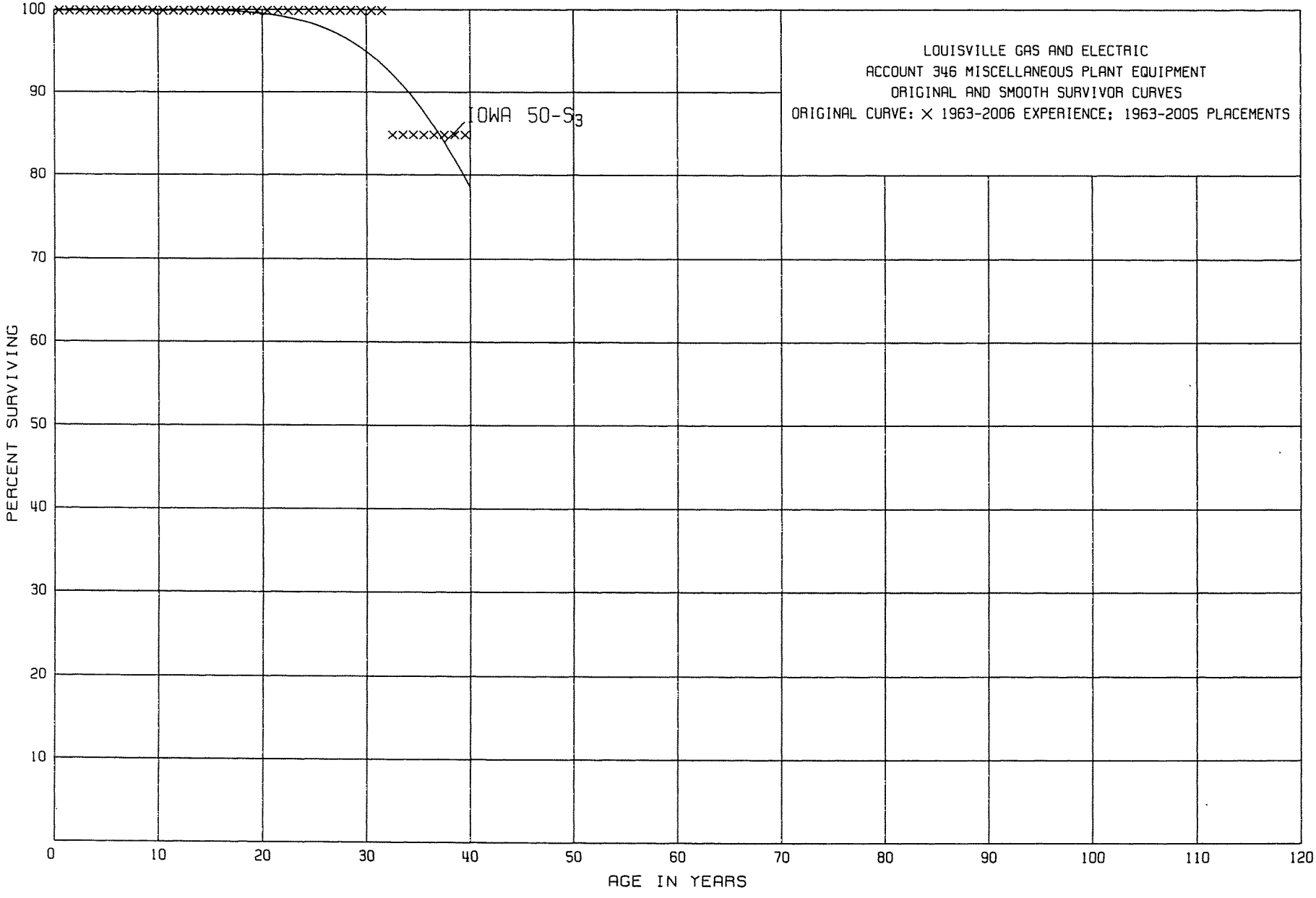
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1963-2004 EXPERIENCE BAND 1963-2006

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	106,251		0.0000	1.0000	83.33
40.5	106,251	83,473	0.7856	0.2144	83.33
41.5	22,778		0.0000	1.0000	17.87
42.5	22,778	22,778	1.0000	0.0000	17.87
43.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 346 MISCELLANEOUS PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1963-2006 EXPERIENCE: 1963-2005 PLACEMENTS
IOWA 50-S3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 346 MISCELLANEOUS PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2005 EXPERIENCE BAND 1963-2006

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	3,732,085		0.0000	1.0000	100.00
0.5	3,732,085		0.0000	1.0000	100.00
1.5	3,723,148		0.0000	1.0000	100.00
2.5	3,702,116		0.0000	1.0000	100.00
3.5	3,678,695		0.0000	1.0000	100.00
4.5	3,672,549		0.0000	1.0000	100.00
5.5	47,984		0.0000	1.0000	100.00
6.5	25,901		0.0000	1.0000	100.00
7.5	25,901		0.0000	1.0000	100.00
8.5	25,901		0.0000	1.0000	100.00
9.5	25,901		0.0000	1.0000	100.00
10.5	25,901		0.0000	1.0000	100.00
11.5	25,901		0.0000	1.0000	100.00
12.5	25,901		0.0000	1.0000	100.00
13.5	25,901		0.0000	1.0000	100.00
14.5	25,901		0.0000	1.0000	100.00
15.5	25,901		0.0000	1.0000	100.00
16.5	25,901		0.0000	1.0000	100.00
17.5	25,901		0.0000	1.0000	100.00
18.5	25,901		0.0000	1.0000	100.00
19.5	25,901		0.0000	1.0000	100.00
20.5	25,901		0.0000	1.0000	100.00
21.5	25,901		0.0000	1.0000	100.00
22.5	25,901		0.0000	1.0000	100.00
23.5	25,901		0.0000	1.0000	100.00
24.5	25,901		0.0000	1.0000	100.00
25.5	25,901		0.0000	1.0000	100.00
26.5	25,901		0.0000	1.0000	100.00
27.5	25,901		0.0000	1.0000	100.00
28.5	25,901		0.0000	1.0000	100.00
29.5	25,901		0.0000	1.0000	100.00
30.5	25,901		0.0000	1.0000	100.00
31.5	25,901	3,903	0.1507	0.8493	100.00
32.5	21,998		0.0000	1.0000	84.93
33.5	21,998		0.0000	1.0000	84.93
34.5	20,857		0.0000	1.0000	84.93
35.5	20,857		0.0000	1.0000	84.93
36.5	20,857		0.0000	1.0000	84.93
37.5	20,857		0.0000	1.0000	84.93
38.5	20,857		0.0000	1.0000	84.93

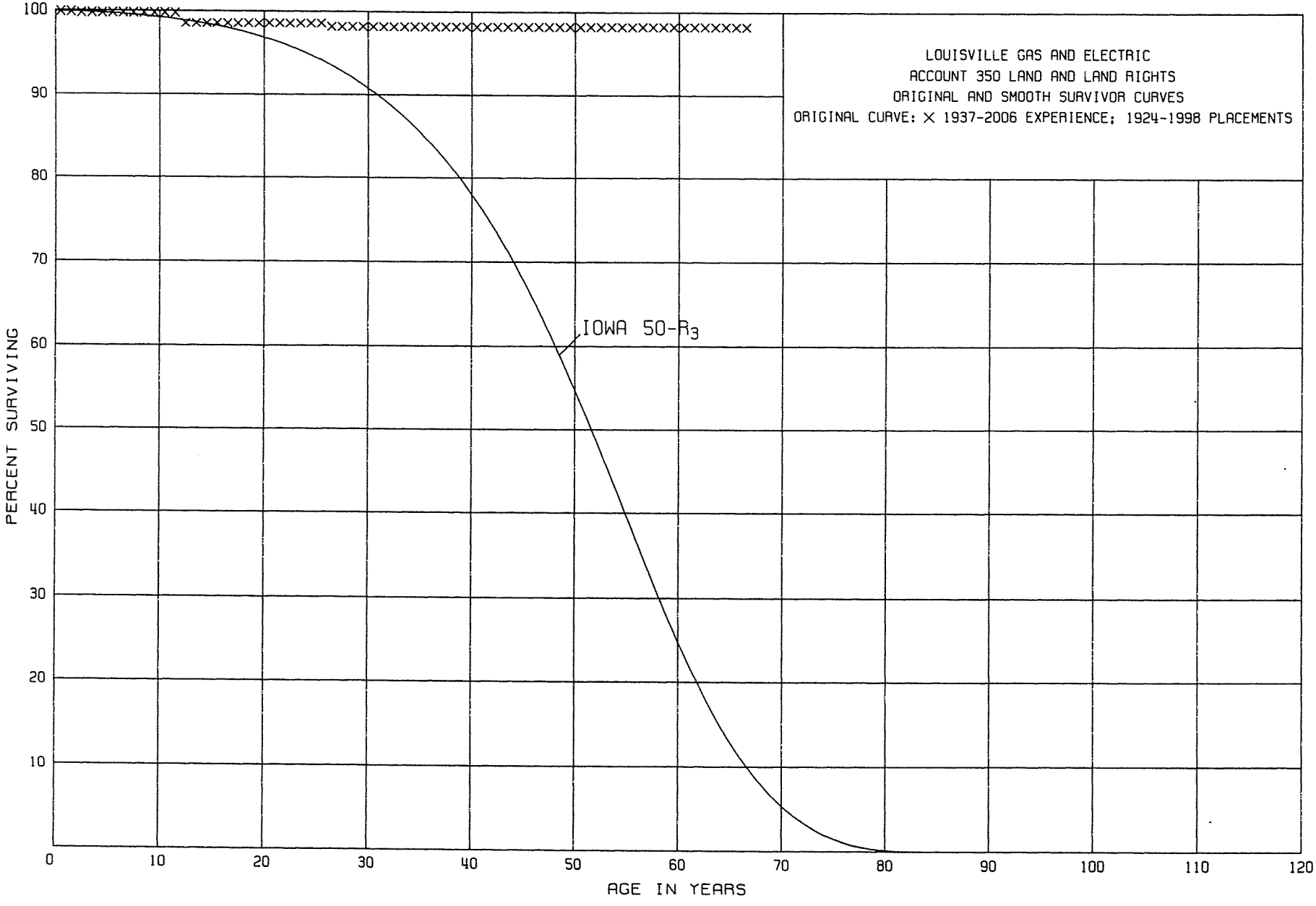
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 346 MISCELLANEOUS PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1963-2005 EXPERIENCE BAND 1963-2006

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	20,857		0.0000	1.0000	84.93
40.5	20,857		0.0000	1.0000	84.93
41.5	20,857		0.0000	1.0000	84.93
42.5	20,857	20,857	1.0000	0.0000	84.93
43.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 350 LAND AND LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1937-2006 EXPERIENCE; 1924-1998 PLACEMENTS
IOWA 50-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 350 LAND AND LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-1998 EXPERIENCE BAND 1937-2006

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	2,739,170		0.0000	1.0000	100.00
0.5	2,739,690		0.0000	1.0000	100.00
1.5	2,739,690	4,581	0.0017	0.9983	100.00
2.5	2,748,015		0.0000	1.0000	99.83
3.5	2,755,265		0.0000	1.0000	99.83
4.5	2,690,897		0.0000	1.0000	99.83
5.5	2,690,548		0.0000	1.0000	99.83
6.5	2,696,975		0.0000	1.0000	99.83
7.5	2,699,305		0.0000	1.0000	99.83
8.5	2,694,993		0.0000	1.0000	99.83
9.5	2,715,855	750	0.0003	0.9997	99.83
10.5	2,732,998		0.0000	1.0000	99.80
11.5	2,720,396	31,630	0.0116	0.9884	99.80
12.5	2,712,651		0.0000	1.0000	98.64
13.5	2,733,467		0.0000	1.0000	98.64
14.5	2,293,503		0.0000	1.0000	98.64
15.5	2,577,751		0.0000	1.0000	98.64
16.5	2,463,722		0.0000	1.0000	98.64
17.5	2,501,570		0.0000	1.0000	98.64
18.5	2,569,327		0.0000	1.0000	98.64
19.5	2,250,803		0.0000	1.0000	98.64
20.5	2,225,835		0.0000	1.0000	98.64
21.5	2,234,295	1,500	0.0007	0.9993	98.64
22.5	2,537,914		0.0000	1.0000	98.57
23.5	2,556,153		0.0000	1.0000	98.57
24.5	2,473,356		0.0000	1.0000	98.57
25.5	2,431,543	10,368	0.0043	0.9957	98.57
26.5	2,149,900		0.0000	1.0000	98.15
27.5	2,011,624		0.0000	1.0000	98.15
28.5	1,978,990		0.0000	1.0000	98.15
29.5	1,938,110		0.0000	1.0000	98.15
30.5	1,630,267		0.0000	1.0000	98.15
31.5	1,543,222		0.0000	1.0000	98.15
32.5	1,499,306		0.0000	1.0000	98.15
33.5	1,433,271		0.0000	1.0000	98.15
34.5	1,430,864		0.0000	1.0000	98.15
35.5	1,414,466		0.0000	1.0000	98.15
36.5	1,393,363		0.0000	1.0000	98.15
37.5	1,077,461		0.0000	1.0000	98.15
38.5	1,059,030		0.0000	1.0000	98.15

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 350 LAND AND LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-1998 EXPERIENCE BAND 1937-2006

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	1,047,213		0.0000	1.0000	98.15
40.5	1,045,967		0.0000	1.0000	98.15
41.5	1,036,808		0.0000	1.0000	98.15
42.5	1,018,186		0.0000	1.0000	98.15
43.5	893,933		0.0000	1.0000	98.15
44.5	858,979		0.0000	1.0000	98.15
45.5	849,605		0.0000	1.0000	98.15
46.5	844,669		0.0000	1.0000	98.15
47.5	802,749		0.0000	1.0000	98.15
48.5	700,508		0.0000	1.0000	98.15
49.5	652,488		0.0000	1.0000	98.15
50.5	652,385		0.0000	1.0000	98.15
51.5	650,331		0.0000	1.0000	98.15
52.5	640,269		0.0000	1.0000	98.15
53.5	640,269		0.0000	1.0000	98.15
54.5	428,131		0.0000	1.0000	98.15
55.5	423,687		0.0000	1.0000	98.15
56.5	374,360		0.0000	1.0000	98.15
57.5	301,253		0.0000	1.0000	98.15
58.5	255,921		0.0000	1.0000	98.15
59.5	255,921		0.0000	1.0000	98.15
60.5	255,921		0.0000	1.0000	98.15
61.5	254,322		0.0000	1.0000	98.15
62.5	254,322		0.0000	1.0000	98.15
63.5	155,656		0.0000	1.0000	98.15
64.5	155,656		0.0000	1.0000	98.15
65.5	153,350		0.0000	1.0000	98.15
66.5	18,945		0.0000	1.0000	98.15
67.5	8,255		0.0000	1.0000	98.15
68.5	7,058		0.0000	1.0000	98.15
69.5	6,951		0.0000	1.0000	98.15
70.5	524		0.0000	1.0000	98.15
71.5	524		0.0000	1.0000	98.15
72.5	524		0.0000	1.0000	98.15
73.5	524		0.0000	1.0000	98.15
74.5	524		0.0000	1.0000	98.15
75.5	524		0.0000	1.0000	98.15
76.5	524		0.0000	1.0000	98.15
77.5	524		0.0000	1.0000	98.15
78.5	524		0.0000	1.0000	98.15

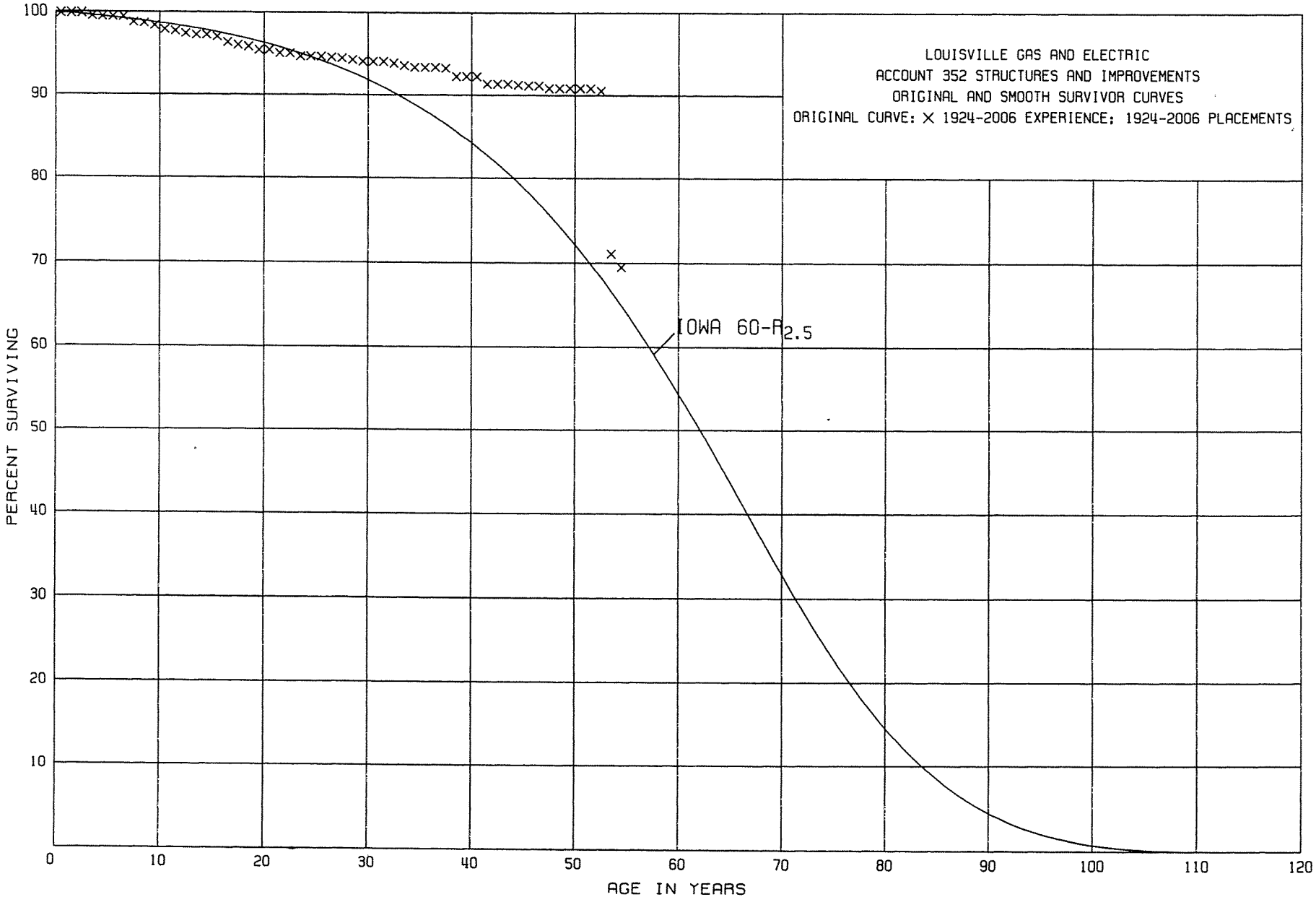
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 350 LAND AND LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-1998 EXPERIENCE BAND 1937-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	524		0.0000	1.0000	98.15
80.5	524		0.0000	1.0000	98.15
81.5	524		0.0000	1.0000	98.15
82.5					98.15


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 352 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1924-2006 EXPERIENCE; 1924-2006 PLACEMENTS
IOWA 60-R2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2006 EXPERIENCE BAND 1924-2006

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	3,305,346	702	0.0002	0.9998	100.00
0.5	3,219,001	1,429	0.0004	0.9996	99.98
1.5	3,180,781	779	0.0002	0.9998	99.94
2.5	3,088,715	9,905	0.0032	0.9968	99.92
3.5	2,771,994	2,044	0.0007	0.9993	99.60
4.5	2,373,697	1,160	0.0005	0.9995	99.53
5.5	2,346,329	803	0.0003	0.9997	99.48
6.5	2,174,471	13,472	0.0062	0.9938	99.45
7.5	2,195,967	2,035	0.0009	0.9991	98.83
8.5	2,214,359	8,642	0.0039	0.9961	98.74
9.5	2,219,159	11,156	0.0050	0.9950	98.35
10.5	2,170,169	4,093	0.0019	0.9981	97.86
11.5	2,144,940	7,031	0.0033	0.9967	97.67
12.5	1,870,791	2,093	0.0011	0.9989	97.35
13.5	1,893,608		0.0000	1.0000	97.24
14.5	1,825,278	3,873	0.0021	0.9979	97.24
15.5	1,725,243	13,043	0.0076	0.9924	97.04
16.5	1,422,124	3,823	0.0027	0.9973	96.30
17.5	1,478,454	3,191	0.0022	0.9978	96.04
18.5	1,456,314	6,893	0.0047	0.9953	95.83
19.5	1,402,229		0.0000	1.0000	95.38
20.5	1,343,580	5,544	0.0041	0.9959	95.38
21.5	1,329,587	461	0.0003	0.9997	94.99
22.5	1,293,790	5,519	0.0043	0.9957	94.96
23.5	1,265,062		0.0000	1.0000	94.55
24.5	1,242,304		0.0000	1.0000	94.55
25.5	1,102,141	764	0.0007	0.9993	94.55
26.5	969,626	680	0.0007	0.9993	94.48
27.5	947,929	1,691	0.0018	0.9982	94.41
28.5	918,843	2,383	0.0026	0.9974	94.24
29.5	911,076		0.0000	1.0000	93.99
30.5	906,356		0.0000	1.0000	93.99
31.5	755,275	1,179	0.0016	0.9984	93.99
32.5	732,666	2,761	0.0038	0.9962	93.84
33.5	728,834	1,136	0.0016	0.9984	93.48
34.5	543,256		0.0000	1.0000	93.33
35.5	539,658		0.0000	1.0000	93.33
36.5	537,255	598	0.0011	0.9989	93.33
37.5	549,903	6,092	0.0111	0.9889	93.23
38.5	541,118		0.0000	1.0000	92.20

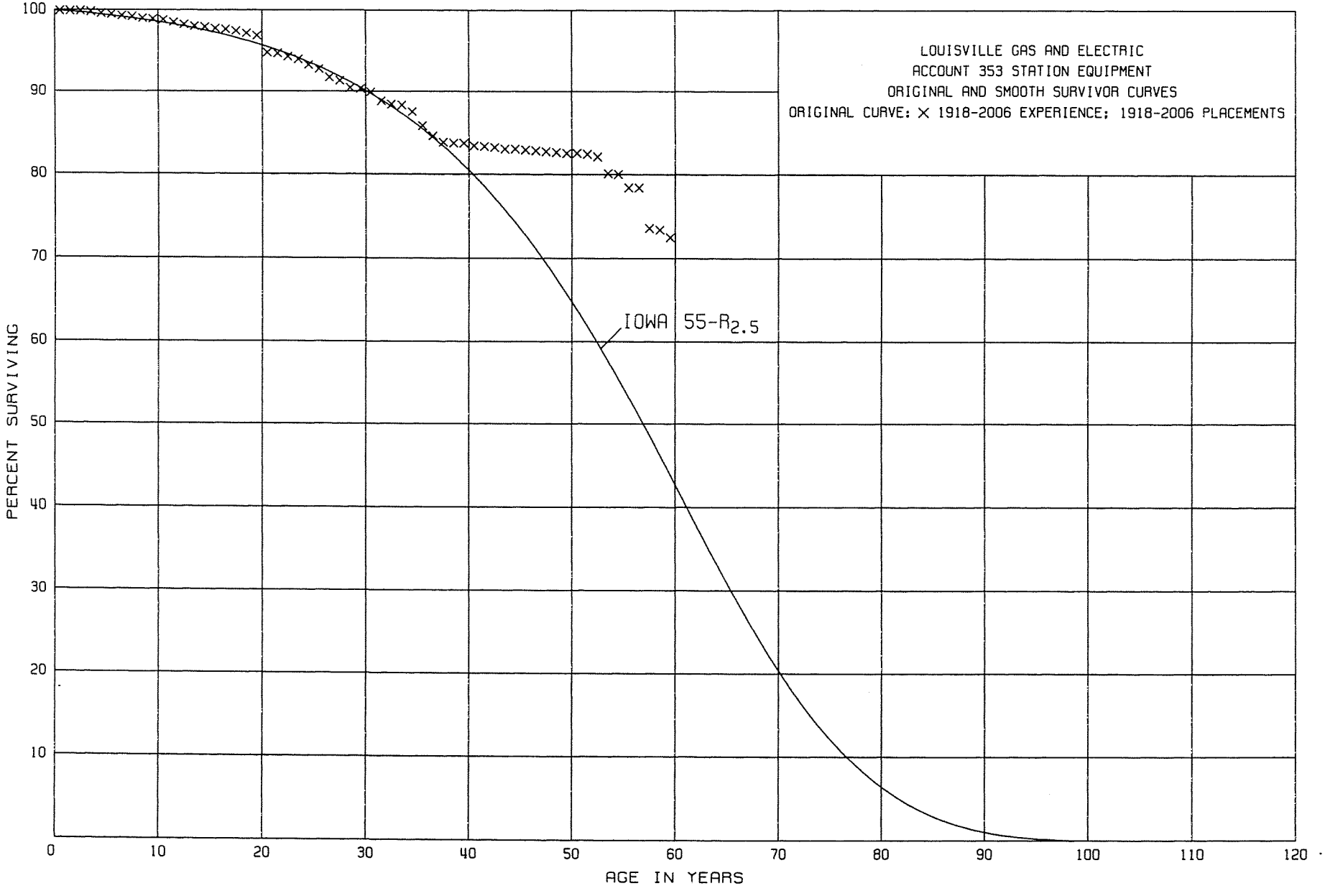
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2006 EXPERIENCE BAND 1924-2006

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	535,559		0.0000	1.0000	92.20
40.5	532,478	4,981	0.0094	0.9906	92.20
41.5	522,532		0.0000	1.0000	91.33
42.5	539,888		0.0000	1.0000	91.33
43.5	535,178	717	0.0013	0.9987	91.33
44.5	534,461	604	0.0011	0.9989	91.21
45.5	511,528	308	0.0006	0.9994	91.11
46.5	502,410	1,218	0.0024	0.9976	91.06
47.5	477,185		0.0000	1.0000	90.84
48.5	404,929		0.0000	1.0000	90.84
49.5	343,829		0.0000	1.0000	90.84
50.5	343,826		0.0000	1.0000	90.84
51.5	333,542	1,121	0.0034	0.9966	90.84
52.5	222,475	47,821	0.2149	0.7851	90.53
53.5	125,879	2,763	0.0219	0.9781	71.08
54.5	116,537		0.0000	1.0000	69.52
55.5	114,864		0.0000	1.0000	69.52
56.5	101,759		0.0000	1.0000	69.52
57.5	85,404		0.0000	1.0000	69.52
58.5	83,085	852	0.0103	0.9897	69.52
59.5	80,703		0.0000	1.0000	68.80
60.5	80,703		0.0000	1.0000	68.80
61.5	80,703		0.0000	1.0000	68.80
62.5	80,703		0.0000	1.0000	68.80
63.5	80,703	1,392	0.0172	0.9828	68.80
64.5	15,738		0.0000	1.0000	67.62
65.5	1,162		0.0000	1.0000	67.62
66.5					67.62


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 353 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1918-2006 EXPERIENCE; 1918-2006 PLACEMENTS
IOWA 55-R2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1918-2006 EXPERIENCE BAND 1918-2006

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	93,802,346	27,073	0.0003	0.9997	100.00
0.5	92,769,398	11,908	0.0001	0.9999	99.97
1.5	97,434,958	66,226	0.0007	0.9993	99.96
2.5	109,471,131	146,581	0.0013	0.9987	99.89
3.5	108,413,019	128,957	0.0012	0.9988	99.76
4.5	105,504,113	174,786	0.0017	0.9983	99.64
5.5	105,325,652	179,794	0.0017	0.9983	99.47
6.5	99,515,972	94,440	0.0009	0.9991	99.30
7.5	100,538,590	181,368	0.0018	0.9982	99.21
8.5	99,735,400	94,272	0.0009	0.9991	99.03
9.5	99,242,386	170,973	0.0017	0.9983	98.94
10.5	95,279,949	223,230	0.0023	0.9977	98.77
11.5	95,072,949	299,880	0.0032	0.9968	98.54
12.5	88,384,797	187,977	0.0021	0.9979	98.22
13.5	87,645,453	109,640	0.0013	0.9987	98.01
14.5	87,003,728	142,072	0.0016	0.9984	97.88
15.5	82,811,482	100,434	0.0012	0.9988	97.72
16.5	68,326,198	129,379	0.0019	0.9981	97.60
17.5	68,553,474	224,999	0.0033	0.9967	97.41
18.5	67,257,957	173,259	0.0026	0.9974	97.09
19.5	66,600,130	1,453,450	0.0218	0.9782	96.84
20.5	65,162,285	87,418	0.0013	0.9987	94.73
21.5	65,291,512	315,737	0.0048	0.9952	94.61
22.5	65,439,815	178,808	0.0027	0.9973	94.16
23.5	64,751,058	507,300	0.0078	0.9922	93.91
24.5	61,844,518	326,406	0.0053	0.9947	93.18
25.5	57,603,929	596,936	0.0104	0.9896	92.69
26.5	52,844,812	237,910	0.0045	0.9955	91.73
27.5	49,748,939	484,598	0.0097	0.9903	91.32
28.5	44,911,878	59,082	0.0013	0.9987	90.43
29.5	40,696,801	171,466	0.0042	0.9958	90.31
30.5	38,042,102	487,332	0.0128	0.9872	89.93
31.5	35,193,477	132,460	0.0038	0.9962	88.78
32.5	31,354,978	67,457	0.0022	0.9978	88.44
33.5	31,033,092	271,175	0.0087	0.9913	88.25
34.5	23,772,986	461,697	0.0194	0.9806	87.48
35.5	22,644,383	306,827	0.0135	0.9865	85.78
36.5	21,991,810	216,016	0.0098	0.9902	84.62
37.5	20,390,459	20,002	0.0010	0.9990	83.79
38.5	19,567,696	10,481	0.0005	0.9995	83.71

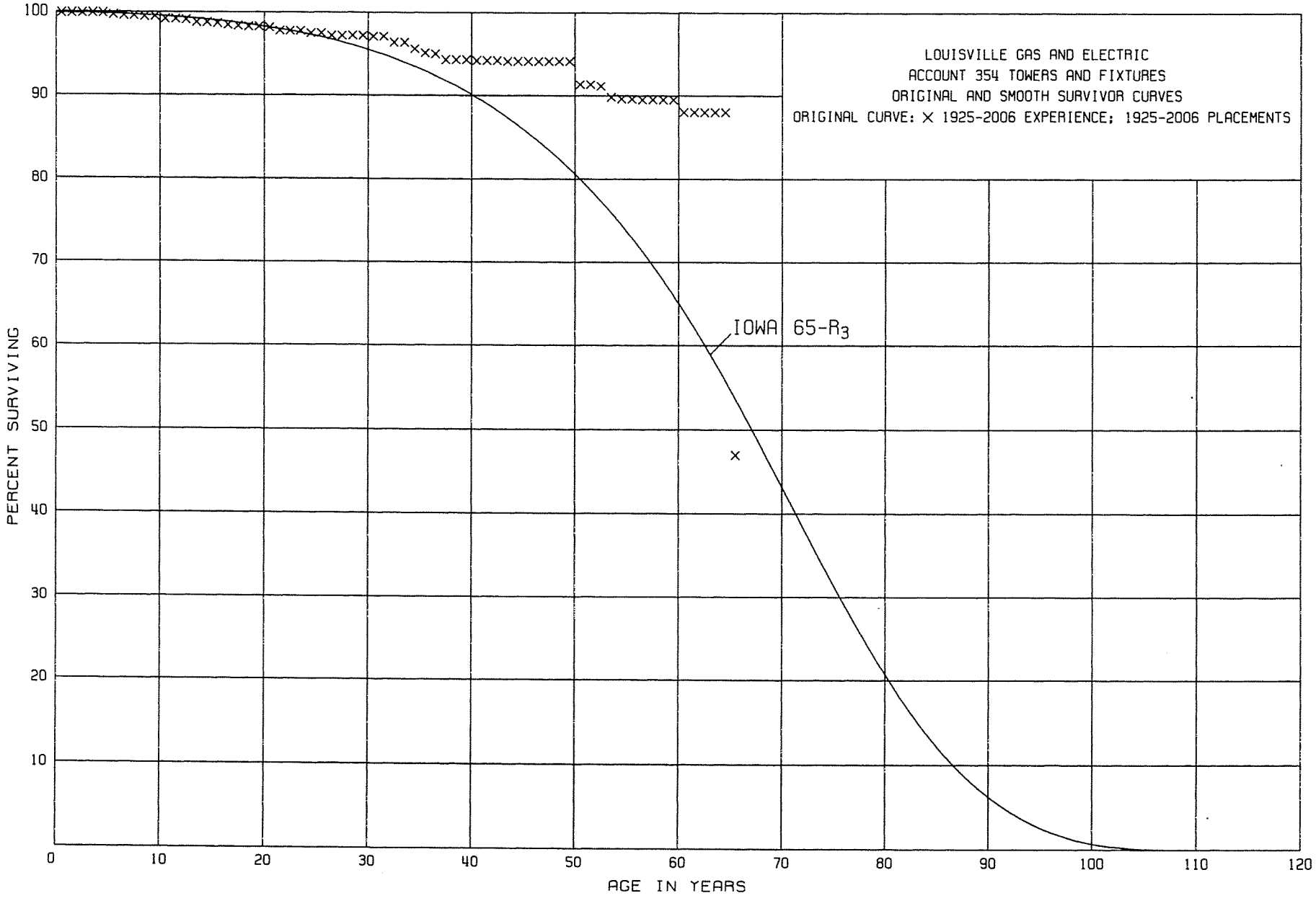
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1918-2006 EXPERIENCE BAND 1918-2006

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	18,763,668	61,677	0.0033	0.9967	83.67
40.5	17,234,446	29,024	0.0017	0.9983	83.39
41.5	16,593,842	12,443	0.0007	0.9993	83.25
42.5	16,064,696	38,788	0.0024	0.9976	83.19
43.5	15,791,852	6,185	0.0004	0.9996	82.99
44.5	14,582,873	13,131	0.0009	0.9991	82.96
45.5	14,752,449	13,910	0.0009	0.9991	82.89
46.5	14,104,243	16,523	0.0012	0.9988	82.82
47.5	12,628,233	23,970	0.0019	0.9981	82.72
48.5	10,888,873	4,993	0.0005	0.9995	82.56
49.5	10,180,544		0.0000	1.0000	82.52
50.5	8,331,102	12,631	0.0015	0.9985	82.52
51.5	7,698,222	24,729	0.0032	0.9968	82.40
52.5	6,007,994	146,239	0.0243	0.9757	82.14
53.5	5,133,077	9,462	0.0018	0.9982	80.14
54.5	4,562,418	91,260	0.0200	0.9800	80.00
55.5	4,205,476	4	0.0000	1.0000	78.40
56.5	3,740,509	228,759	0.0612	0.9388	78.40
57.5	1,833,341	6,280	0.0034	0.9966	73.60
58.5	1,729,137	20,039	0.0116	0.9884	73.35
59.5	1,603,657	42,912	0.0268	0.9732	72.50
60.5	1,551,282	2,571	0.0017	0.9983	70.56
61.5	1,423,135		0.0000	1.0000	70.44
62.5	1,211,186	3,427	0.0028	0.9972	70.44
63.5	1,133,562	712	0.0006	0.9994	70.24
64.5	213,684		0.0000	1.0000	70.20
65.5	2,919		0.0000	1.0000	70.20
66.5	2,163		0.0000	1.0000	70.20
67.5	2,163		0.0000	1.0000	70.20
68.5	2,163		0.0000	1.0000	70.20
69.5	2,133		0.0000	1.0000	70.20
70.5	2,133		0.0000	1.0000	70.20
71.5	2,133	413	0.1936	0.8064	70.20
72.5					56.61


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 354 TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1925-2006 EXPERIENCE; 1925-2006 PLACEMENTS
IOWA 65-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 354 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2006 EXPERIENCE BAND 1925-2006

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	25,854,269		0.0000	1.0000	100.00
0.5	25,888,754	14,172	0.0005	0.9995	100.00
1.5	25,335,560		0.0000	1.0000	99.95
2.5	25,287,438	4,396	0.0002	0.9998	99.95
3.5	25,305,974	18,039	0.0007	0.9993	99.93
4.5	25,034,284	32,519	0.0013	0.9987	99.86
5.5	24,876,746	26,670	0.0011	0.9989	99.73
6.5	24,850,076	18,321	0.0007	0.9993	99.62
7.5	24,832,115	4,983	0.0002	0.9998	99.55
8.5	24,826,772		0.0000	1.0000	99.53
9.5	24,540,633	94,095	0.0038	0.9962	99.53
10.5	24,171,036		0.0000	1.0000	99.15
11.5	24,212,541	4,684	0.0002	0.9998	99.15
12.5	20,093,899	65,707	0.0033	0.9967	99.13
13.5	20,021,653		0.0000	1.0000	98.80
14.5	19,987,007	11,801	0.0006	0.9994	98.80
15.5	19,896,249	51,010	0.0026	0.9974	98.74
16.5	19,489,623	25,461	0.0013	0.9987	98.48
17.5	19,510,684	1,742	0.0001	0.9999	98.35
18.5	19,568,177	11,823	0.0006	0.9994	98.34
19.5	19,611,803	14,259	0.0007	0.9993	98.28
20.5	19,805,039	84,783	0.0043	0.9957	98.21
21.5	19,665,220		0.0000	1.0000	97.79
22.5	19,595,336		0.0000	1.0000	97.79
23.5	19,632,133	57,161	0.0029	0.9971	97.79
24.5	17,416,705	9,884	0.0006	0.9994	97.51
25.5	17,404,964	46,300	0.0027	0.9973	97.45
26.5	16,204,755	3,000	0.0002	0.9998	97.19
27.5	16,114,942		0.0000	1.0000	97.17
28.5	15,972,294		0.0000	1.0000	97.17
29.5	15,076,763	4,570	0.0003	0.9997	97.17
30.5	8,865,124		0.0000	1.0000	97.14
31.5	8,333,195	62,705	0.0075	0.9925	97.14
32.5	8,188,896	2,397	0.0003	0.9997	96.41
33.5	8,175,270	62,729	0.0077	0.9923	96.38
34.5	7,947,531	48,979	0.0062	0.9938	95.64
35.5	7,684,493	551	0.0001	0.9999	95.05
36.5	7,635,614	61,817	0.0081	0.9919	95.04
37.5	4,959,107		0.0000	1.0000	94.27
38.5	4,938,346		0.0000	1.0000	94.27

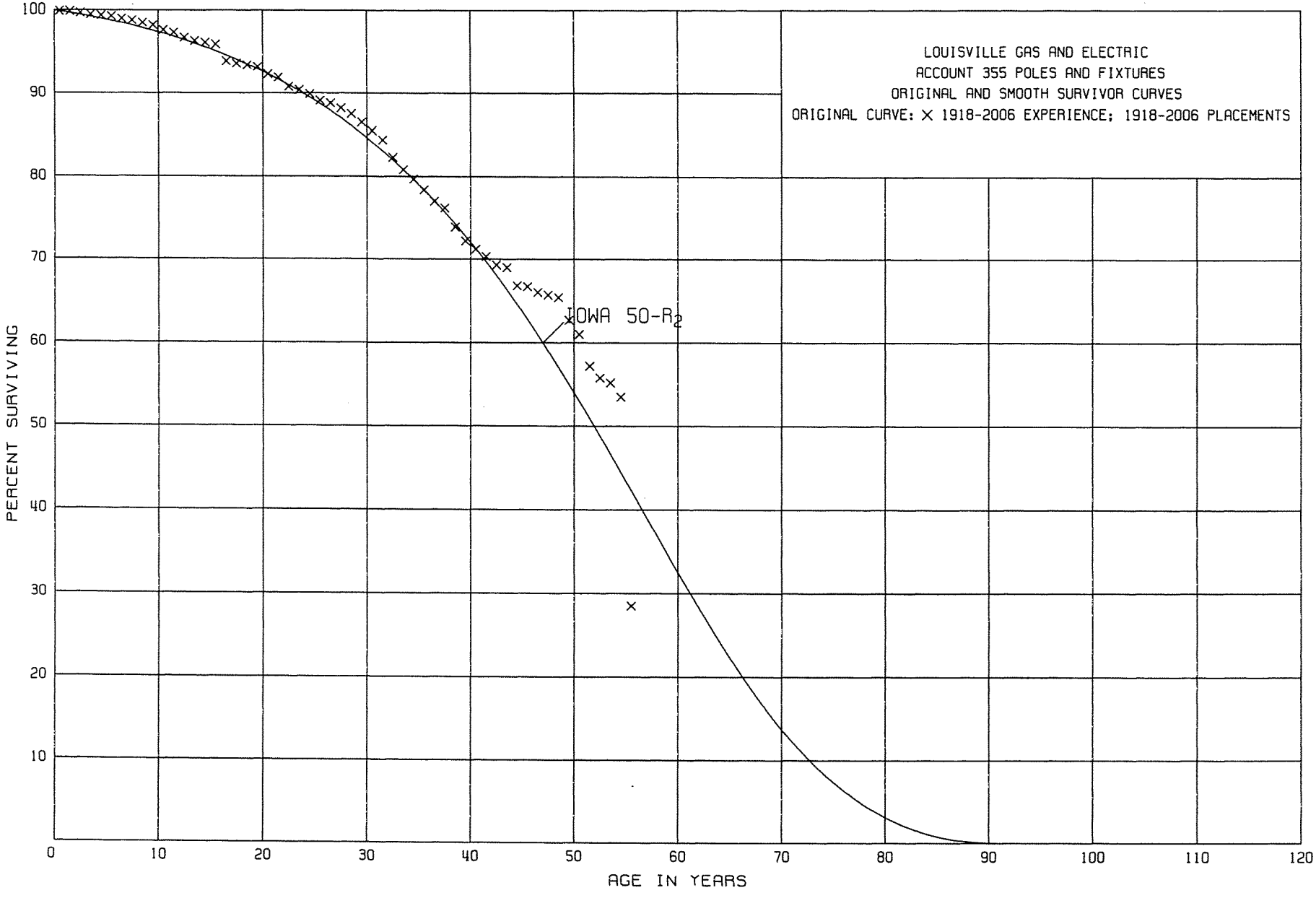
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 354 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2006 EXPERIENCE BAND 1925-2006

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	4,871,859	1,850	0.0004	0.9996	94.27
40.5	4,750,794	360	0.0001	0.9999	94.23
41.5	4,734,719	3,387	0.0007	0.9993	94.22
42.5	4,713,882	4,528	0.0010	0.9990	94.15
43.5	4,704,458		0.0000	1.0000	94.06
44.5	3,213,812		0.0000	1.0000	94.06
45.5	3,202,104		0.0000	1.0000	94.06
46.5	3,126,420		0.0000	1.0000	94.06
47.5	2,610,105		0.0000	1.0000	94.06
48.5	2,348,399		0.0000	1.0000	94.06
49.5	2,238,877	64,938	0.0290	0.9710	94.06
50.5	2,059,108	250	0.0001	0.9999	91.33
51.5	1,444,708	3,139	0.0022	0.9978	91.32
52.5	1,324,588	19,683	0.0149	0.9851	91.12
53.5	1,304,905	2,374	0.0018	0.9982	89.76
54.5	1,215,096		0.0000	1.0000	89.60
55.5	1,215,096	1,877	0.0015	0.9985	89.60
56.5	908,091		0.0000	1.0000	89.47
57.5	908,091		0.0000	1.0000	89.47
58.5	734,538		0.0000	1.0000	89.47
59.5	734,538	12,157	0.0166	0.9834	89.47
60.5	722,381		0.0000	1.0000	87.98
61.5	722,381		0.0000	1.0000	87.98
62.5	722,381		0.0000	1.0000	87.98
63.5	722,381		0.0000	1.0000	87.98
64.5	31,287	14,590	0.4663	0.5337	87.98
65.5	16,697	8,215	0.4920	0.5080	46.95
66.5	12,710	12,710	1.0000	0.0000	23.85
67.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 355 POLES AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1918-2006 EXPERIENCE; 1918-2006 PLACEMENTS
IOWA 50-R2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 355 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1918-2006 EXPERIENCE BAND 1918-2006

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	25,959,314	2,478	0.0001	0.9999	100.00
0.5	24,839,678	20,047	0.0008	0.9992	99.99
1.5	24,562,880	43,508	0.0018	0.9982	99.91
2.5	26,376,060	49,471	0.0019	0.9981	99.73
3.5	26,591,058	46,691	0.0018	0.9982	99.54
4.5	28,320,464	24,998	0.0009	0.9991	99.36
5.5	25,714,450	63,166	0.0025	0.9975	99.27
6.5	25,053,311	60,594	0.0024	0.9976	99.02
7.5	24,651,923	60,703	0.0025	0.9975	98.78
8.5	24,296,308	75,972	0.0031	0.9969	98.53
9.5	23,753,107	155,420	0.0065	0.9935	98.22
10.5	24,187,034	65,167	0.0027	0.9973	97.58
11.5	23,073,583	158,648	0.0069	0.9931	97.32
12.5	19,512,209	70,399	0.0036	0.9964	96.65
13.5	18,766,544	37,926	0.0020	0.9980	96.30
14.5	16,740,464	31,710	0.0019	0.9981	96.11
15.5	16,036,916	341,634	0.0213	0.9787	95.93
16.5	15,356,393	52,954	0.0034	0.9966	93.89
17.5	14,568,310	35,036	0.0024	0.9976	93.57
18.5	14,069,967	26,432	0.0019	0.9981	93.35
19.5	13,409,679	126,146	0.0094	0.9906	93.17
20.5	12,678,535	48,927	0.0039	0.9961	92.29
21.5	12,356,147	153,549	0.0124	0.9876	91.93
22.5	11,912,979	52,395	0.0044	0.9956	90.79
23.5	11,658,199	68,342	0.0059	0.9941	90.39
24.5	9,870,321	83,661	0.0085	0.9915	89.86
25.5	9,148,513	32,718	0.0036	0.9964	89.10
26.5	6,624,177	44,905	0.0068	0.9932	88.78
27.5	4,543,341	37,793	0.0083	0.9917	88.18
28.5	4,144,728	46,502	0.0112	0.9888	87.45
29.5	3,378,677	38,149	0.0113	0.9887	86.47
30.5	2,725,482	34,246	0.0126	0.9874	85.49
31.5	2,454,679	61,427	0.0250	0.9750	84.41
32.5	2,163,312	40,590	0.0188	0.9812	82.30
33.5	2,087,754	26,277	0.0126	0.9874	80.75
34.5	1,994,922	32,887	0.0165	0.9835	79.73
35.5	1,747,826	31,374	0.0180	0.9820	78.41
36.5	1,502,770	15,927	0.0106	0.9894	77.00
37.5	1,378,877	41,167	0.0299	0.9701	76.18
38.5	1,183,841	28,074	0.0237	0.9763	73.90

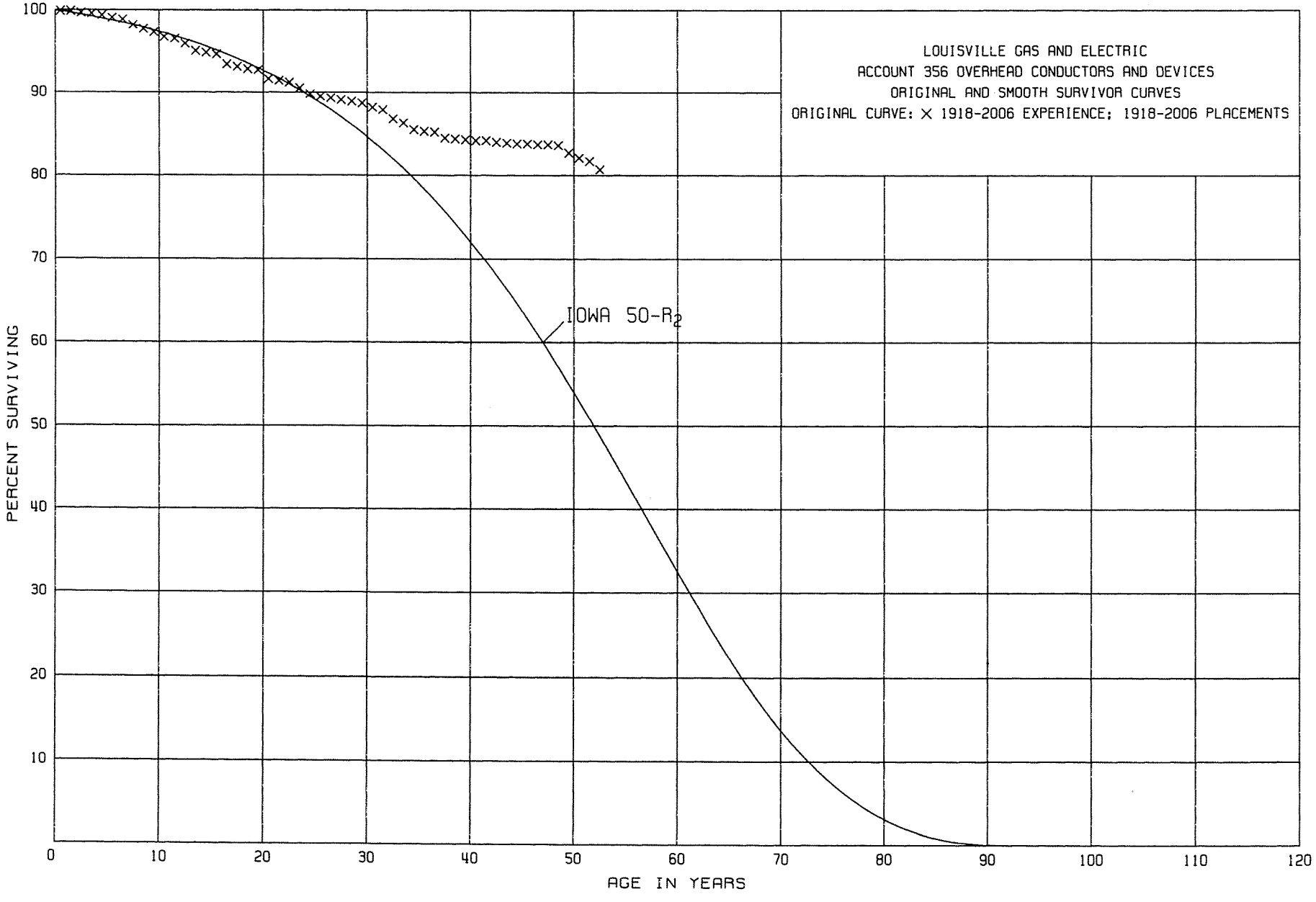
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 355 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1918-2006 EXPERIENCE BAND 1918-2006

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	1,071,687	13,654	0.0127	0.9873	72.15
40.5	979,088	12,868	0.0131	0.9869	71.23
41.5	915,619	13,239	0.0145	0.9855	70.30
42.5	833,480	3,266	0.0039	0.9961	69.28
43.5	819,247	26,631	0.0325	0.9675	69.01
44.5	749,779	764	0.0010	0.9990	66.77
45.5	746,122	8,130	0.0109	0.9891	66.70
46.5	727,157	2,984	0.0041	0.9959	65.97
47.5	692,648	3,012	0.0043	0.9957	65.70
48.5	424,696	17,845	0.0420	0.9580	65.42
49.5	213,400	5,879	0.0275	0.9725	62.67
50.5	189,037	11,750	0.0622	0.9378	60.95
51.5	172,678	4,248	0.0246	0.9754	57.16
52.5	162,139	1,593	0.0098	0.9902	55.75
53.5	19,383	605	0.0312	0.9688	55.20
54.5	14,796	6,921	0.4678	0.5322	53.48
55.5	7,826		0.0000	1.0000	28.46
56.5	7,396		0.0000	1.0000	28.46
57.5	4,472	165	0.0369	0.9631	28.46
58.5	4,307	142	0.0330	0.9670	27.41
59.5	8,067	6,136	0.7606	0.2394	26.51
60.5	1,931		0.0000	1.0000	6.35
61.5	1,931		0.0000	1.0000	6.35
62.5	1,931		0.0000	1.0000	6.35
63.5	1,931		0.0000	1.0000	6.35
64.5	1,931	86	0.0445	0.9555	6.35
65.5	1,845	391	0.2119	0.7881	6.07
66.5	1,454		0.0000	1.0000	4.78
67.5					4.78


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1918-2006 EXPERIENCE; 1918-2006 PLACEMENTS
IOWA 50-R2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1918-2006 EXPERIENCE BAND 1918-2006

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	28,175,166	3,747	0.0001	0.9999	100.00
0.5	27,153,603	25,431	0.0009	0.9991	99.99
1.5	28,285,335	56,595	0.0020	0.9980	99.90
2.5	29,747,311	36,662	0.0012	0.9988	99.70
3.5	32,713,662	52,078	0.0016	0.9984	99.58
4.5	30,586,523	94,387	0.0031	0.9969	99.42
5.5	28,884,316	64,488	0.0022	0.9978	99.11
6.5	28,694,057	212,911	0.0074	0.9926	98.89
7.5	28,297,131	146,828	0.0052	0.9948	98.16
8.5	28,379,433	95,452	0.0034	0.9966	97.65
9.5	27,896,993	183,433	0.0066	0.9934	97.32
10.5	27,833,866	37,827	0.0014	0.9986	96.68
11.5	27,639,540	179,537	0.0065	0.9935	96.54
12.5	24,250,971	220,539	0.0091	0.9909	95.91
13.5	23,860,818	69,765	0.0029	0.9971	95.04
14.5	22,422,881	49,622	0.0022	0.9978	94.76
15.5	22,216,058	266,129	0.0120	0.9880	94.55
16.5	21,539,342	77,537	0.0036	0.9964	93.42
17.5	21,218,337	54,682	0.0026	0.9974	93.08
18.5	20,946,052	42,277	0.0020	0.9980	92.84
19.5	20,838,838	241,829	0.0116	0.9884	92.65
20.5	20,322,103	47,224	0.0023	0.9977	91.58
21.5	20,050,714	35,320	0.0018	0.9982	91.37
22.5	19,544,119	149,384	0.0076	0.9924	91.21
23.5	19,063,969	151,495	0.0079	0.9921	90.52
24.5	17,202,723	55,749	0.0032	0.9968	89.80
25.5	16,912,878	47,540	0.0028	0.9972	89.51
26.5	15,362,010	28,323	0.0018	0.9982	89.26
27.5	13,809,613	35,423	0.0026	0.9974	89.10
28.5	13,068,441	23,154	0.0018	0.9982	88.87
29.5	12,243,105	70,231	0.0057	0.9943	88.71
30.5	9,526,074	31,001	0.0033	0.9967	88.20
31.5	8,755,548	113,055	0.0129	0.9871	87.91
32.5	8,294,897	46,527	0.0056	0.9944	86.78
33.5	8,117,231	73,643	0.0091	0.9909	86.29
34.5	7,541,214	15,382	0.0020	0.9980	85.50
35.5	7,249,048	8,210	0.0011	0.9989	85.33
36.5	6,993,767	64,071	0.0092	0.9908	85.24
37.5	4,780,611	1,666	0.0003	0.9997	84.46
38.5	4,556,012	8,812	0.0019	0.9981	84.43

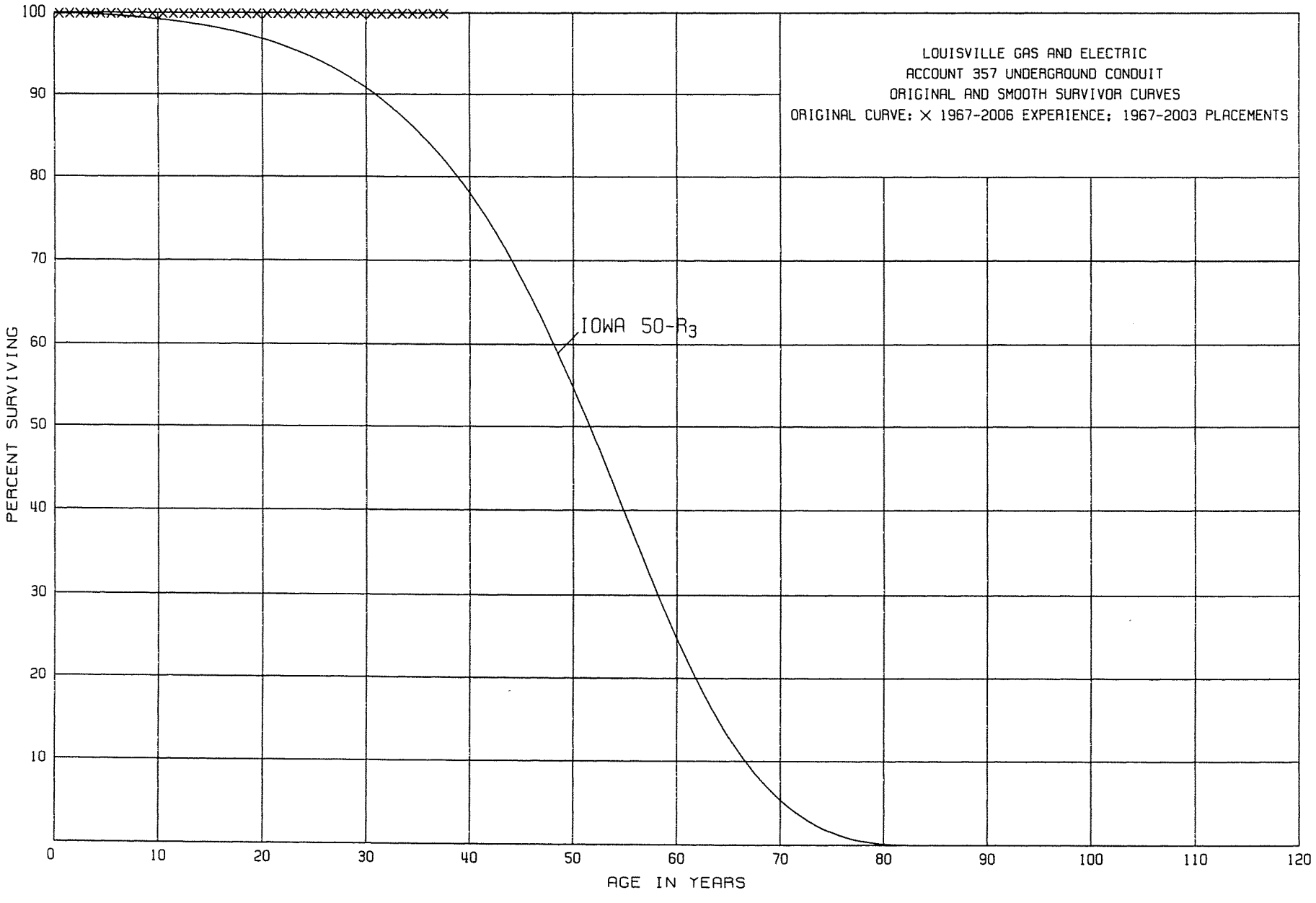
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1918-2006 EXPERIENCE BAND 1918-2006

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	4,369,638	2,585	0.0006	0.9994	84.27
40.5	4,190,315	1,196	0.0003	0.9997	84.22
41.5	4,084,200	9,546	0.0023	0.9977	84.19
42.5	3,932,861	6,350	0.0016	0.9984	84.00
43.5	3,893,765	2,373	0.0006	0.9994	83.87
44.5	2,700,922	316	0.0001	0.9999	83.82
45.5	2,673,955	3,325	0.0012	0.9988	83.81
46.5	2,471,231	847	0.0003	0.9997	83.71
47.5	2,324,287	1,462	0.0006	0.9994	83.68
48.5	1,905,354	20,221	0.0106	0.9894	83.63
49.5	1,596,141	13,129	0.0082	0.9918	82.74
50.5	1,224,804	5,953	0.0049	0.9951	82.06
51.5	1,203,094	14,857	0.0123	0.9877	81.66
52.5	918,131		0.0000	1.0000	80.66
53.5	837,839	389	0.0005	0.9995	80.66
54.5	836,269	14	0.0000	1.0000	80.62
55.5	833,723		0.0000	1.0000	80.62
56.5	784,286	5,427	0.0069	0.9931	80.62
57.5	773,780	825	0.0011	0.9989	80.06
58.5	761,917	1,797	0.0024	0.9976	79.97
59.5	759,756	2,832	0.0037	0.9963	79.78
60.5	756,924	3,409	0.0045	0.9955	79.48
61.5	751,675		0.0000	1.0000	79.12
62.5	751,502	1,402	0.0019	0.9981	79.12
63.5	749,932	255	0.0003	0.9997	78.97
64.5	21,399	21,333	0.9969	0.0031	78.95
65.5	66	66	1.0000	0.0000	0.24
66.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 357 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1967-2006 EXPERIENCE: 1967-2003 PLACEMENTS
IOWA 50-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

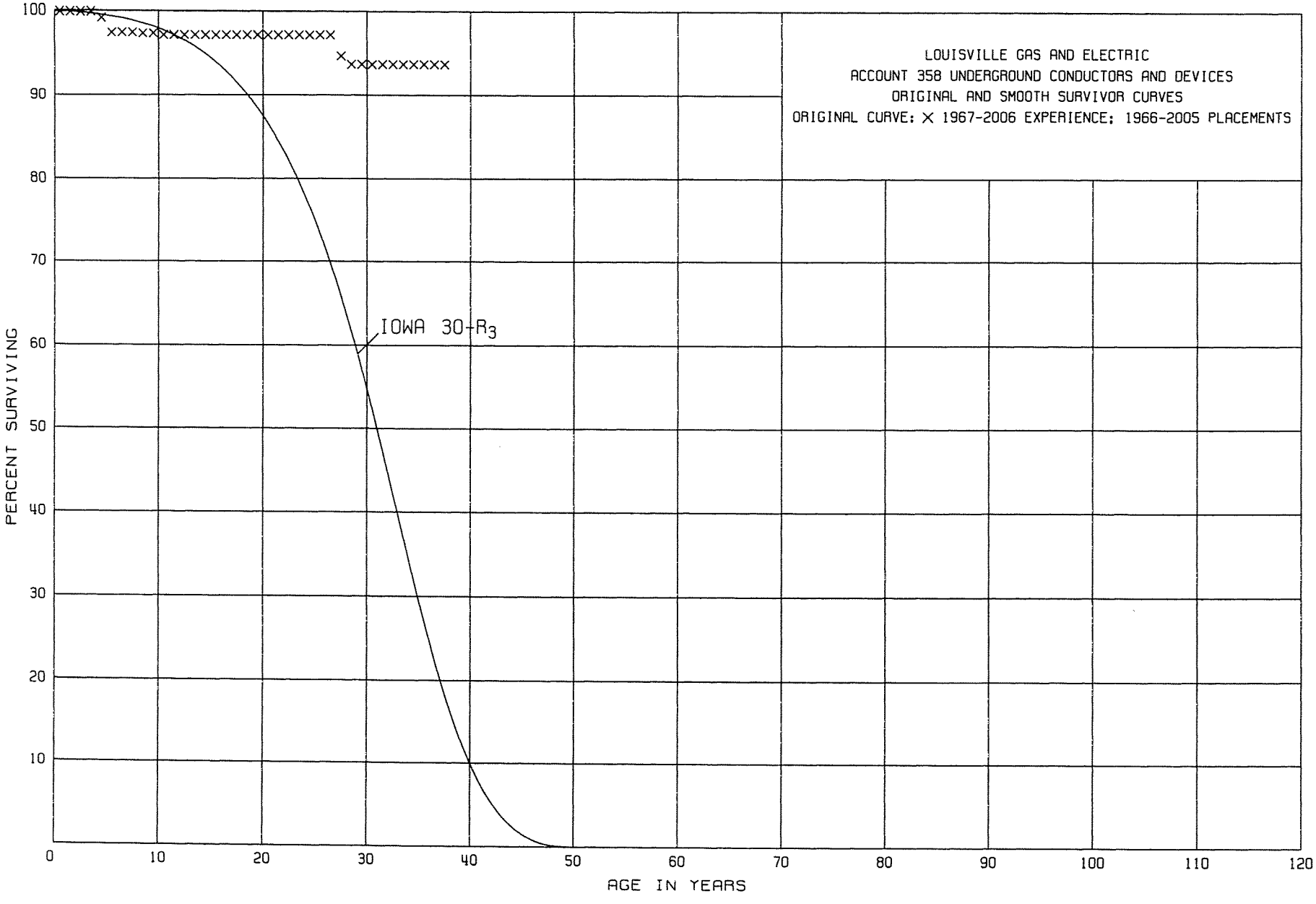
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 357 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2003 EXPERIENCE BAND 1967-2006

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	2,104,479		0.0000	1.0000	100.00
0.5	2,104,479		0.0000	1.0000	100.00
1.5	2,113,980		0.0000	1.0000	100.00
2.5	2,113,980		0.0000	1.0000	100.00
3.5	2,101,547		0.0000	1.0000	100.00
4.5	2,101,985		0.0000	1.0000	100.00
5.5	1,351,452		0.0000	1.0000	100.00
6.5	1,351,452		0.0000	1.0000	100.00
7.5	1,351,452	441	0.0003	0.9997	100.00
8.5	197,126		0.0000	1.0000	99.97
9.5	197,126		0.0000	1.0000	99.97
10.5	197,126		0.0000	1.0000	99.97
11.5	188,037		0.0000	1.0000	99.97
12.5	179,508		0.0000	1.0000	99.97
13.5	173,088		0.0000	1.0000	99.97
14.5	170,275		0.0000	1.0000	99.97
15.5	168,313		0.0000	1.0000	99.97
16.5	173,088		0.0000	1.0000	99.97
17.5	173,088		0.0000	1.0000	99.97
18.5	173,088		0.0000	1.0000	99.97
19.5	163,345		0.0000	1.0000	99.97
20.5	173,088		0.0000	1.0000	99.97
21.5	173,088		0.0000	1.0000	99.97
22.5	173,088		0.0000	1.0000	99.97
23.5	173,088		0.0000	1.0000	99.97
24.5	173,088		0.0000	1.0000	99.97
25.5	173,088		0.0000	1.0000	99.97
26.5	173,088		0.0000	1.0000	99.97
27.5	166,668		0.0000	1.0000	99.97
28.5	166,668		0.0000	1.0000	99.97
29.5	166,668		0.0000	1.0000	99.97
30.5	166,668		0.0000	1.0000	99.97
31.5	112,198		0.0000	1.0000	99.97
32.5	112,198		0.0000	1.0000	99.97
33.5	112,198		0.0000	1.0000	99.97
34.5	112,198		0.0000	1.0000	99.97
35.5	102,455		0.0000	1.0000	99.97
36.5	102,455		0.0000	1.0000	99.97
37.5	882		0.0000	1.0000	99.97
38.5	882		0.0000	1.0000	99.97
39.5					99.97


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1967-2006 EXPERIENCE; 1966-2005 PLACEMENTS
IOWA 30-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1966-2005 EXPERIENCE BAND 1967-2006

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	5,365,074	4,488	0.0008	0.9992	100.00
0.5	5,362,367		0.0000	1.0000	99.92
1.5	5,392,051		0.0000	1.0000	99.92
2.5	5,392,051		0.0000	1.0000	99.92
3.5	5,390,270	41,195	0.0076	0.9924	99.92
4.5	5,410,120	90,651	0.0168	0.9832	99.16
5.5	4,794,316		0.0000	1.0000	97.49
6.5	4,789,524		0.0000	1.0000	97.49
7.5	4,704,849	5,979	0.0013	0.9987	97.49
8.5	804,896		0.0000	1.0000	97.36
9.5	804,896	994	0.0012	0.9988	97.36
10.5	803,902		0.0000	1.0000	97.24
11.5	713,919		0.0000	1.0000	97.24
12.5	729,231		0.0000	1.0000	97.24
13.5	579,994		0.0000	1.0000	97.24
14.5	537,629		0.0000	1.0000	97.24
15.5	523,713		0.0000	1.0000	97.24
16.5	518,949		0.0000	1.0000	97.24
17.5	579,994		0.0000	1.0000	97.24
18.5	579,994		0.0000	1.0000	97.24
19.5	534,559		0.0000	1.0000	97.24
20.5	579,994		0.0000	1.0000	97.24
21.5	579,994		0.0000	1.0000	97.24
22.5	579,994		0.0000	1.0000	97.24
23.5	579,994		0.0000	1.0000	97.24
24.5	569,483		0.0000	1.0000	97.24
25.5	579,994		0.0000	1.0000	97.24
26.5	579,994	15,312	0.0264	0.9736	97.24
27.5	564,682	5,513	0.0098	0.9902	94.67
28.5	548,937		0.0000	1.0000	93.74
29.5	548,937		0.0000	1.0000	93.74
30.5	541,887		0.0000	1.0000	93.74
31.5	305,489		0.0000	1.0000	93.74
32.5	244,444		0.0000	1.0000	93.74
33.5	244,444		0.0000	1.0000	93.74
34.5	229,360		0.0000	1.0000	93.74
35.5	183,925		0.0000	1.0000	93.74
36.5	183,925		0.0000	1.0000	93.74
37.5	28,522		0.0000	1.0000	93.74
38.5	28,522		0.0000	1.0000	93.74

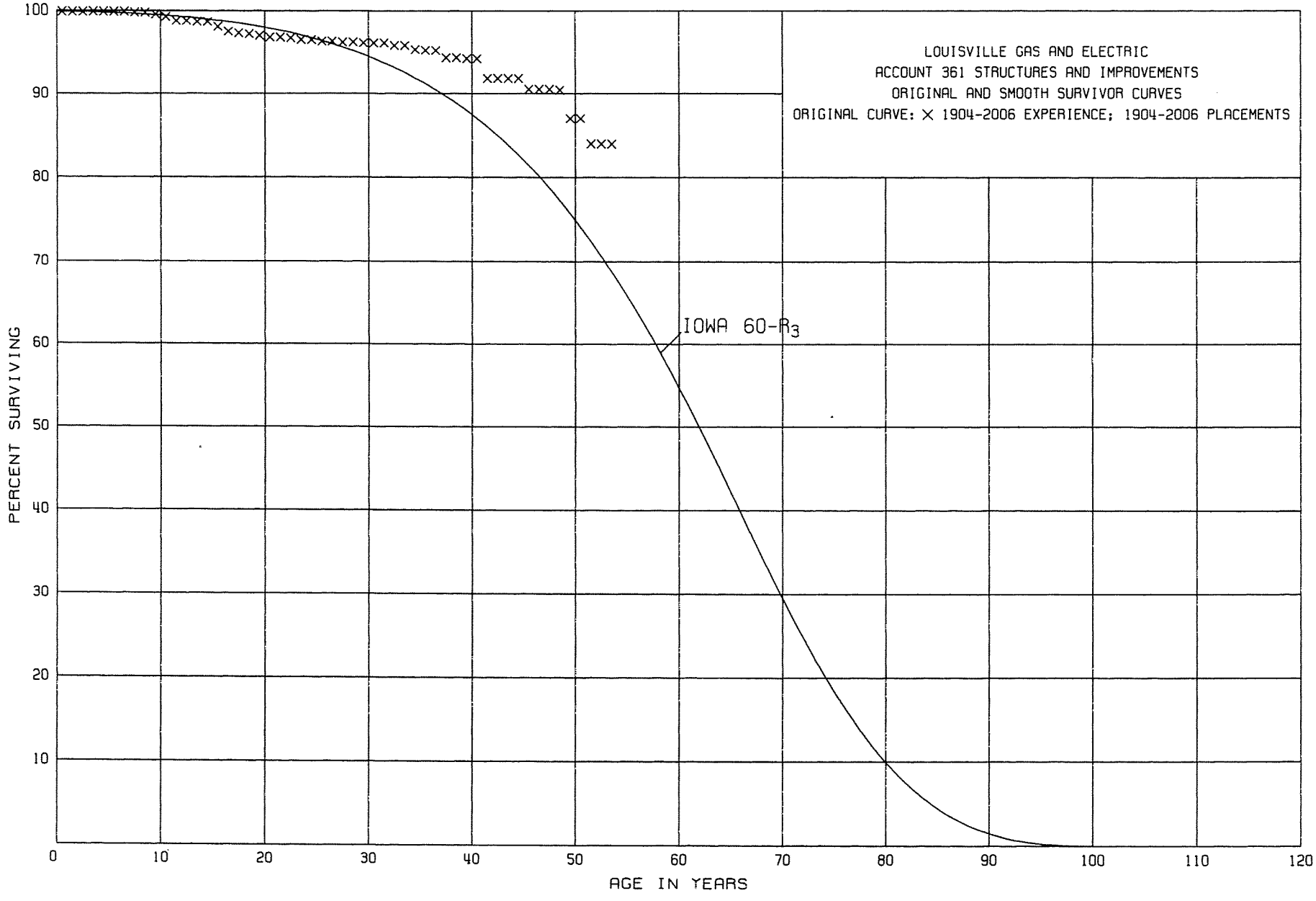
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1966-2005 EXPERIENCE BAND 1967-2006

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	10,511		0.0000	1.0000	93.74
40.5					93.74


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 361 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1904-2006 EXPERIENCE; 1904-2006 PLACEMENTS
IOWA 60-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1904-2006 EXPERIENCE BAND 1904-2006

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	5,060,500	1,402	0.0003	0.9997	100.00
0.5	4,987,815	1,519	0.0003	0.9997	99.97
1.5	5,239,029	89	0.0000	1.0000	99.94
2.5	6,592,595		0.0000	1.0000	99.94
3.5	6,615,829	1,362	0.0002	0.9998	99.94
4.5	6,594,289	532	0.0001	0.9999	99.92
5.5	6,597,321	3,569	0.0005	0.9995	99.91
6.5	6,272,831	1,942	0.0003	0.9997	99.86
7.5	6,234,020	4,871	0.0008	0.9992	99.83
8.5	6,079,313	6,845	0.0011	0.9989	99.75
9.5	6,037,686	18,037	0.0030	0.9970	99.64
10.5	5,899,529	30,432	0.0052	0.9948	99.34
11.5	5,614,763	3,282	0.0006	0.9994	98.82
12.5	5,504,516	1,106	0.0002	0.9998	98.76
13.5	4,958,475	2,052	0.0004	0.9996	98.74
14.5	4,792,454	27,842	0.0058	0.9942	98.70
15.5	4,729,792	31,480	0.0067	0.9933	98.13
16.5	4,613,236	5,771	0.0013	0.9987	97.47
17.5	4,516,272	8,972	0.0020	0.9980	97.34
18.5	4,574,530	9,456	0.0021	0.9979	97.15
19.5	4,382,901	8,019	0.0018	0.9982	96.95
20.5	4,259,621	500	0.0001	0.9999	96.78
21.5	4,172,263	1,440	0.0003	0.9997	96.77
22.5	3,987,776	9,071	0.0023	0.9977	96.74
23.5	3,932,831	2,114	0.0005	0.9995	96.52
24.5	3,965,385	5,843	0.0015	0.9985	96.47
25.5	4,014,519	1,738	0.0004	0.9996	96.33
26.5	3,842,297	2,544	0.0007	0.9993	96.29
27.5	3,769,792	2,579	0.0007	0.9993	96.22
28.5	2,735,518	600	0.0002	0.9998	96.15
29.5	2,548,638	80	0.0000	1.0000	96.13
30.5	2,528,184	2,026	0.0008	0.9992	96.13
31.5	2,456,390	6,171	0.0025	0.9975	96.05
32.5	2,347,421	1,331	0.0006	0.9994	95.81
33.5	2,179,959	11,308	0.0052	0.9948	95.75
34.5	2,145,292	280	0.0001	0.9999	95.25
35.5	2,000,600	909	0.0005	0.9995	95.24
36.5	1,953,079	18,431	0.0094	0.9906	95.19
37.5	1,883,632	443	0.0002	0.9998	94.30
38.5	1,794,381	795	0.0004	0.9996	94.28

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2006 EXPERIENCE BAND 1904-2006

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	1,721,993	1,710	0.0010	0.9990	94.24
40.5	1,597,509	39,815	0.0249	0.9751	94.15
41.5	1,555,257		0.0000	1.0000	91.81
42.5	1,504,805		0.0000	1.0000	91.81
43.5	1,473,910		0.0000	1.0000	91.81
44.5	1,470,736	20,802	0.0141	0.9859	91.81
45.5	1,445,270		0.0000	1.0000	90.52
46.5	1,407,558	582	0.0004	0.9996	90.52
47.5	1,395,198	2,000	0.0014	0.9986	90.48
48.5	1,373,211	51,148	0.0372	0.9628	90.35
49.5	1,280,909		0.0000	1.0000	86.99
50.5	1,266,092	44,316	0.0350	0.9650	86.99
51.5	1,199,602		0.0000	1.0000	83.95
52.5	1,192,004		0.0000	1.0000	83.95
53.5	1,191,045	516	0.0004	0.9996	83.95
54.5	1,192,177	212	0.0002	0.9998	83.92
55.5	1,191,965		0.0000	1.0000	83.90
56.5	1,191,965	13,478	0.0113	0.9887	83.90
57.5	1,178,487		0.0000	1.0000	82.95
58.5	1,174,903		0.0000	1.0000	82.95
59.5	1,163,062	1,487	0.0013	0.9987	82.95
60.5	1,161,514		0.0000	1.0000	82.84
61.5	1,161,514		0.0000	1.0000	82.84
62.5	1,161,514	623	0.0005	0.9995	82.84
63.5	1,160,891	700	0.0006	0.9994	82.80
64.5	1,160,191		0.0000	1.0000	82.75
65.5	1,160,147	411	0.0004	0.9996	82.75
66.5	1,155,206		0.0000	1.0000	82.72
67.5	1,154,794		0.0000	1.0000	82.72
68.5	1,154,794		0.0000	1.0000	82.72
69.5	1,154,757		0.0000	1.0000	82.72
70.5	1,154,757	183	0.0002	0.9998	82.72
71.5	1,154,574	27,396	0.0237	0.9763	82.70
72.5	1,127,178		0.0000	1.0000	80.74
73.5	1,127,178	992	0.0009	0.9991	80.74
74.5	1,111,098	210	0.0002	0.9998	80.67
75.5	1,110,888	40	0.0000	1.0000	80.65
76.5	1,110,848	2,250	0.0020	0.9980	80.65
77.5	1,108,598		0.0000	1.0000	80.49
78.5	1,072,745		0.0000	1.0000	80.49

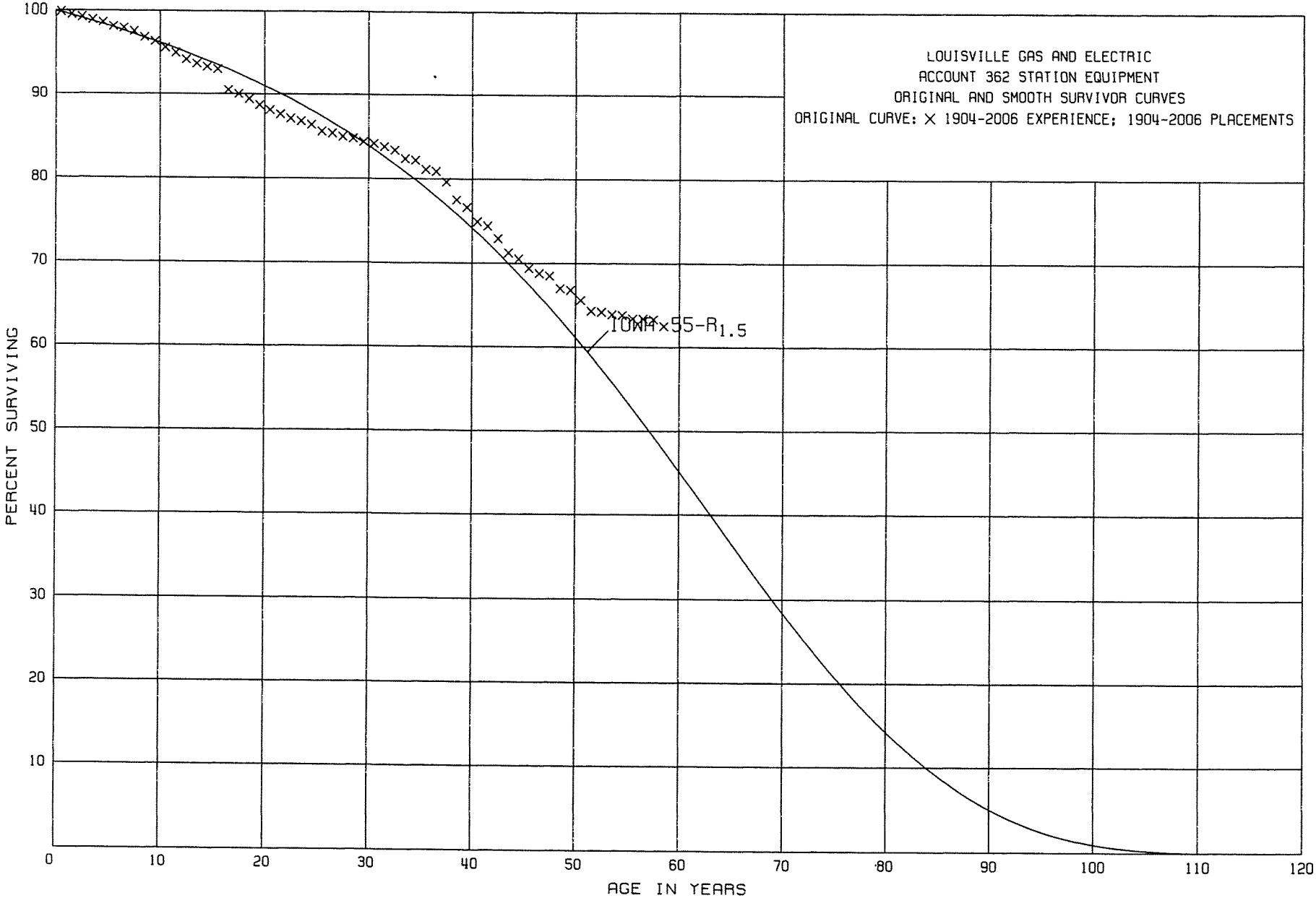
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2006 EXPERIENCE BAND 1904-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,072,745		0.0000	1.0000	80.49
80.5	1,072,745		0.0000	1.0000	80.49
81.5	1,054,895		0.0000	1.0000	80.49
82.5	1,000,619		0.0000	1.0000	80.49
83.5	1,000,619		0.0000	1.0000	80.49
84.5					80.49


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 362 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1904-2006 EXPERIENCE; 1904-2006 PLACEMENTS
IOWA 55-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1904-2006 EXPERIENCE BAND 1904-2006

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	112,553,285	90,988	0.0008	0.9992	100.00
0.5	108,472,117	373,345	0.0034	0.9966	99.92
1.5	104,924,108	270,390	0.0026	0.9974	99.58
2.5	103,944,293	299,426	0.0029	0.9971	99.32
3.5	102,254,687	296,904	0.0029	0.9971	99.03
4.5	101,372,257	547,215	0.0054	0.9946	98.74
5.5	97,837,448	224,017	0.0023	0.9977	98.21
6.5	97,068,204	347,161	0.0036	0.9964	97.98
7.5	91,085,381	668,771	0.0073	0.9927	97.63
8.5	88,669,519	462,178	0.0052	0.9948	96.92
9.5	85,122,674	738,361	0.0087	0.9913	96.42
10.5	75,776,005	469,513	0.0062	0.9938	95.58
11.5	71,778,605	619,029	0.0086	0.9914	94.99
12.5	70,221,989	332,730	0.0047	0.9953	94.17
13.5	66,256,874	319,117	0.0048	0.9952	93.73
14.5	61,132,899	206,257	0.0034	0.9966	93.28
15.5	56,126,215	1,482,124	0.0264	0.9736	92.96
16.5	54,076,191	335,835	0.0062	0.9938	90.51
17.5	51,902,862	329,502	0.0063	0.9937	89.95
18.5	50,052,945	384,677	0.0077	0.9923	89.38
19.5	48,597,685	298,955	0.0062	0.9938	88.69
20.5	46,139,563	277,954	0.0060	0.9940	88.14
21.5	45,070,202	252,387	0.0056	0.9944	87.61
22.5	43,290,881	150,335	0.0035	0.9965	87.12
23.5	42,827,628	218,143	0.0051	0.9949	86.82
24.5	40,867,058	354,649	0.0087	0.9913	86.38
25.5	40,516,511	117,195	0.0029	0.9971	85.63
26.5	39,371,251	174,584	0.0044	0.9956	85.38
27.5	36,073,972	76,412	0.0021	0.9979	85.00
28.5	30,957,407	140,758	0.0045	0.9955	84.82
29.5	28,130,781	66,986	0.0024	0.9976	84.44
30.5	25,936,990	122,533	0.0047	0.9953	84.24
31.5	24,442,729	130,884	0.0054	0.9946	83.84
32.5	22,115,960	271,171	0.0123	0.9877	83.39
33.5	20,303,280	52,385	0.0026	0.9974	82.36
34.5	19,533,630	240,214	0.0123	0.9877	82.15
35.5	18,010,507	65,683	0.0036	0.9964	81.14
36.5	16,806,208	252,074	0.0150	0.9850	80.85
37.5	14,968,213	398,259	0.0266	0.9734	79.64
38.5	13,825,759	162,110	0.0117	0.9883	77.52

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2006 EXPERIENCE BAND 1904-2006

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	13,157,431	289,089	0.0220	0.9780	76.61
40.5	12,163,023	79,556	0.0065	0.9935	74.92
41.5	11,772,729	245,968	0.0209	0.9791	74.43
42.5	10,698,873	249,313	0.0233	0.9767	72.87
43.5	9,601,607	97,349	0.0101	0.9899	71.17
44.5	9,064,835	135,103	0.0149	0.9851	70.45
45.5	8,768,564	73,790	0.0084	0.9916	69.40
46.5	7,551,783	40,125	0.0053	0.9947	68.82
47.5	6,898,774	148,664	0.0215	0.9785	68.46
48.5	4,967,313	15,220	0.0031	0.9969	66.99
49.5	4,191,531	76,390	0.0182	0.9818	66.78
50.5	3,544,638	70,878	0.0200	0.9800	65.56
51.5	2,772,554	3,765	0.0014	0.9986	64.25
52.5	2,276,789	10,374	0.0046	0.9954	64.16
53.5	2,087,666	3,670	0.0018	0.9982	63.86
54.5	1,923,093	11,481	0.0060	0.9940	63.75
55.5	1,876,171	198	0.0001	0.9999	63.37
56.5	1,845,823	487	0.0003	0.9997	63.36
57.5	1,709,775	24,144	0.0141	0.9859	63.34
58.5	1,599,830		0.0000	1.0000	62.45
59.5	1,429,058	3,695	0.0026	0.9974	62.45
60.5	1,420,132	360	0.0003	0.9997	62.29
61.5	1,425,175	2,844	0.0020	0.9980	62.27
62.5	1,419,933	58,690	0.0413	0.9587	62.15
63.5	1,310,454	563	0.0004	0.9996	59.58
64.5	1,283,558	30,363	0.0237	0.9763	59.56
65.5	1,057,957		0.0000	1.0000	58.15
66.5	1,041,351		0.0000	1.0000	58.15
67.5	1,018,465	58,635	0.0576	0.9424	58.15
68.5	916,095	121,335	0.1324	0.8676	54.80
69.5	799,061	35,148	0.0440	0.9560	47.54
70.5	762,766	2,717	0.0036	0.9964	45.45
71.5	759,756		0.0000	1.0000	45.29
72.5	759,756		0.0000	1.0000	45.29
73.5	759,756	5,969	0.0079	0.9921	45.29
74.5	713,314	224	0.0003	0.9997	44.93
75.5	690,280		0.0000	1.0000	44.92
76.5	690,280	7,560	0.0110	0.9890	44.92
77.5	681,431	13,499	0.0198	0.9802	44.43
78.5	630,482	1,992	0.0032	0.9968	43.55

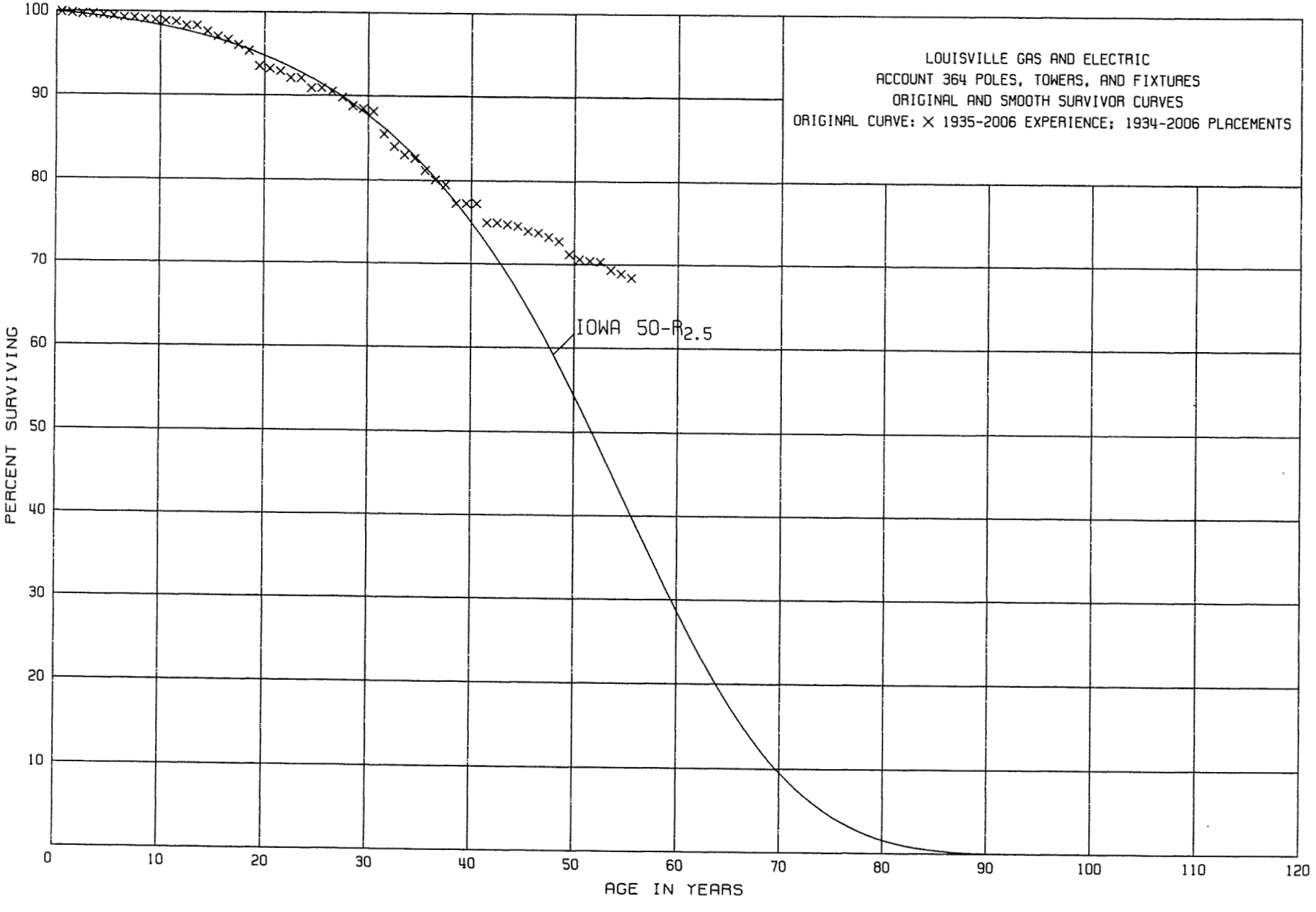
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2006 EXPERIENCE BAND 1904-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	525,063	1,009	0.0019	0.9981	43.41
80.5	273,849		0.0000	1.0000	43.33
81.5	128,208		0.0000	1.0000	43.33
82.5					43.33


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 364 POLES, TOWERS, AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1935-2006 EXPERIENCE; 1934-2006 PLACEMENTS
IOWA 50-R2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS, AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1935-2006

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	109,474,212	131,909	0.0012	0.9988	100.00
0.5	109,278,384	90,346	0.0008	0.9992	99.88
1.5	106,194,005	71,452	0.0007	0.9993	99.80
2.5	103,813,484	45,590	0.0004	0.9996	99.73
3.5	99,935,576	87,434	0.0009	0.9991	99.69
4.5	96,340,410	91,476	0.0009	0.9991	99.60
5.5	91,874,521	155,033	0.0017	0.9983	99.51
6.5	89,904,630	74,069	0.0008	0.9992	99.34
7.5	87,805,670	159,715	0.0018	0.9982	99.26
8.5	84,713,476	84,687	0.0010	0.9990	99.08
9.5	80,584,343	80,460	0.0010	0.9990	98.98
10.5	77,043,686	45,393	0.0006	0.9994	98.88
11.5	73,699,601	416,609	0.0057	0.9943	98.82
12.5	69,875,793	4,934	0.0001	0.9999	98.26
13.5	66,469,000	464,467	0.0070	0.9930	98.25
14.5	63,015,339	344,817	0.0055	0.9945	97.56
15.5	59,497,489	277,945	0.0047	0.9953	97.02
16.5	55,989,968	350,402	0.0063	0.9937	96.56
17.5	52,285,099	335,176	0.0064	0.9936	95.95
18.5	48,711,748	919,662	0.0189	0.9811	95.34
19.5	45,135,941	172,704	0.0038	0.9962	93.54
20.5	41,979,577	112,775	0.0027	0.9973	93.18
21.5	39,129,604	331,435	0.0085	0.9915	92.93
22.5	36,223,663	4,869	0.0001	0.9999	92.14
23.5	32,881,841	447,188	0.0136	0.9864	92.13
24.5	29,837,265	2,376	0.0001	0.9999	90.88
25.5	27,256,744	99,783	0.0037	0.9963	90.87
26.5	24,551,244	200,742	0.0082	0.9918	90.53
27.5	22,074,356	238,979	0.0108	0.9892	89.79
28.5	19,667,436	72,020	0.0037	0.9963	88.82
29.5	18,136,429	66,094	0.0036	0.9964	88.49
30.5	16,606,688	498,298	0.0300	0.9700	88.17
31.5	14,651,604	262,953	0.0179	0.9821	85.52
32.5	13,296,380	161,442	0.0121	0.9879	83.99
33.5	11,904,534	56,905	0.0048	0.9952	82.97
34.5	11,057,899	185,457	0.0168	0.9832	82.57
35.5	10,121,568	140,094	0.0138	0.9862	81.18
36.5	9,285,786	61,193	0.0066	0.9934	80.06
37.5	8,718,875	240,741	0.0276	0.9724	79.53
38.5	7,694,160	1,922	0.0002	0.9998	77.33

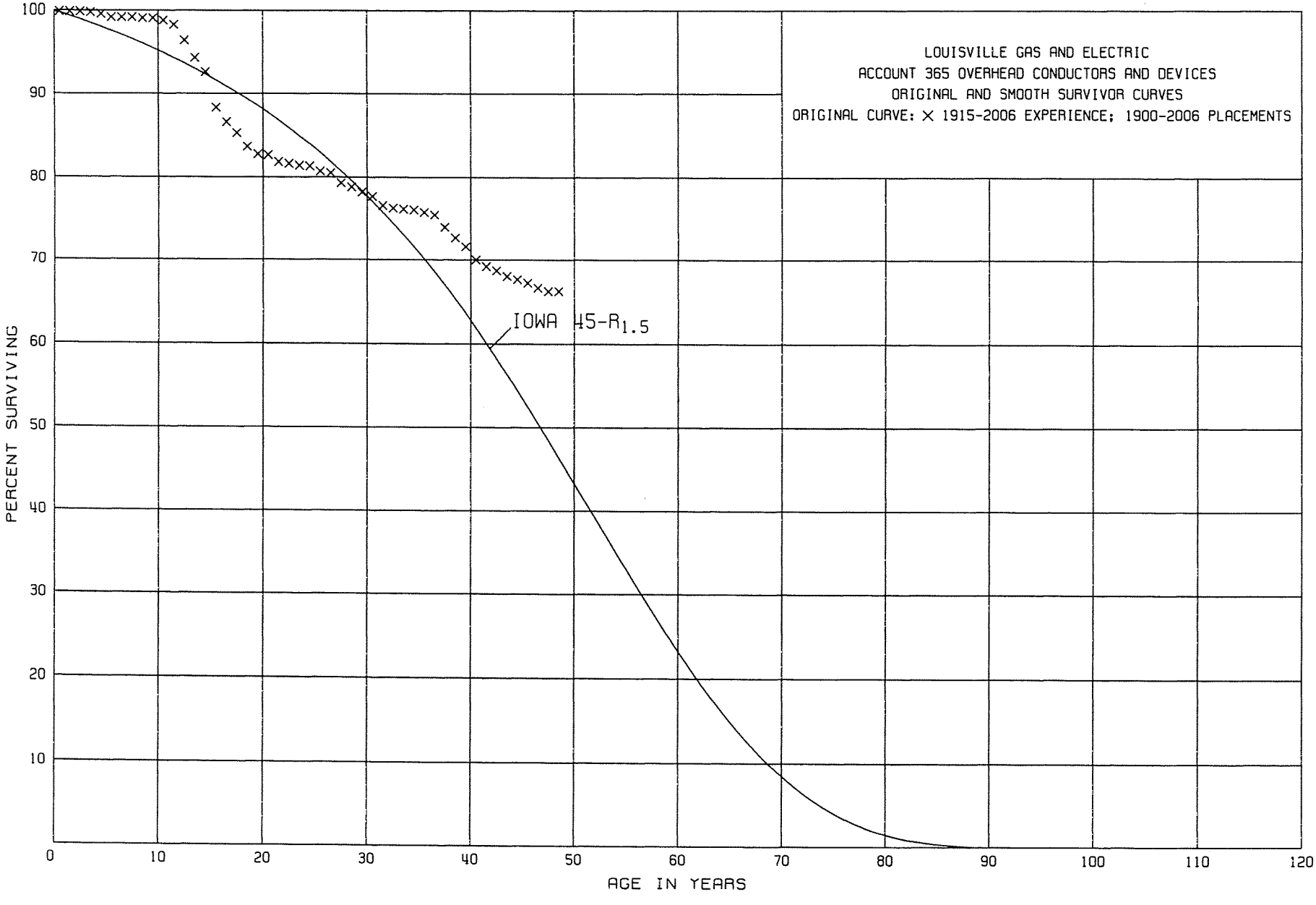
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS, AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1935-2006

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	7,141,944	1,554	0.0002	0.9998	77.31
40.5	6,540,740	194,273	0.0297	0.9703	77.29
41.5	6,196,991	164	0.0000	1.0000	74.99
42.5	6,077,990	15,164	0.0025	0.9975	74.99
43.5	5,819,377	17,656	0.0030	0.9970	74.80
44.5	5,426,305	39,709	0.0073	0.9927	74.58
45.5	5,035,637	19,301	0.0038	0.9962	74.04
46.5	4,663,877	30,015	0.0064	0.9936	73.76
47.5	4,088,467	27,678	0.0068	0.9932	73.29
48.5	3,681,910	78,349	0.0213	0.9787	72.79
49.5	3,045,887	28,841	0.0095	0.9905	71.24
50.5	2,475,700	5,630	0.0023	0.9977	70.56
51.5	2,131,402	2,412	0.0011	0.9989	70.40
52.5	1,807,549	27,326	0.0151	0.9849	70.32
53.5	1,661,321	7,682	0.0046	0.9954	69.26
54.5	1,455,650	11,948	0.0082	0.9918	68.94
55.5	1,248,622	4,293	0.0034	0.9966	68.37
56.5	966,794	1,791	0.0019	0.9981	68.14
57.5	894,465	1,283	0.0014	0.9986	68.01
58.5	794,204	4,983	0.0063	0.9937	67.91
59.5	739,919	1,134	0.0015	0.9985	67.48
60.5	688,362	1,062	0.0015	0.9985	67.38
61.5	591,427		0.0000	1.0000	67.28
62.5	500,009		0.0000	1.0000	67.28
63.5	446,279		0.0000	1.0000	67.28
64.5	340,895		0.0000	1.0000	67.28
65.5	273,802		0.0000	1.0000	67.28
66.5	183,956		0.0000	1.0000	67.28
67.5	161,882		0.0000	1.0000	67.28
68.5	107,808		0.0000	1.0000	67.28
69.5	82,915		0.0000	1.0000	67.28
70.5	58,589		0.0000	1.0000	67.28
71.5	50,813		0.0000	1.0000	67.28
72.5					67.28


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1915-2006 EXPERIENCE; 1900-2006 PLACEMENTS
IOWA 45-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2006 EXPERIENCE BAND 1915-2006

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	191,133,428	37,414	0.0002	0.9998	100.00
0.5	184,855,769	128,642	0.0007	0.9993	99.98
1.5	179,763,975	105,918	0.0006	0.9994	99.91
2.5	173,564,335	43,476	0.0003	0.9997	99.85
3.5	158,651,135	299,658	0.0019	0.9981	99.82
4.5	145,464,498	674,942	0.0046	0.9954	99.63
5.5	136,799,178	19,380	0.0001	0.9999	99.17
6.5	123,969,612	10,474	0.0001	0.9999	99.16
7.5	116,910,983	19,544	0.0002	0.9998	99.15
8.5	113,713,675	11,091	0.0001	0.9999	99.13
9.5	108,445,950	347,112	0.0032	0.9968	99.12
10.5	104,316,925	506,462	0.0049	0.9951	98.80
11.5	96,267,946	1,870,853	0.0194	0.9806	98.32
12.5	91,141,639	2,021,848	0.0222	0.9778	96.41
13.5	85,234,346	1,472,609	0.0173	0.9827	94.27
14.5	79,705,734	3,701,289	0.0464	0.9536	92.64
15.5	71,217,655	1,448,020	0.0203	0.9797	88.34
16.5	65,309,796	967,356	0.0148	0.9852	86.55
17.5	60,080,382	1,186,597	0.0198	0.9802	85.27
18.5	55,389,435	575,402	0.0104	0.9896	83.58
19.5	51,949,152	59,662	0.0011	0.9989	82.71
20.5	48,161,419	500,574	0.0104	0.9896	82.62
21.5	45,086,256	91,025	0.0020	0.9980	81.76
22.5	42,082,021	88,779	0.0021	0.9979	81.60
23.5	38,733,979	79,928	0.0021	0.9979	81.43
24.5	35,205,290	238,452	0.0068	0.9932	81.26
25.5	31,703,099	101,195	0.0032	0.9968	80.71
26.5	28,058,208	406,594	0.0145	0.9855	80.45
27.5	24,681,509	160,926	0.0065	0.9935	79.28
28.5	22,001,324	146,221	0.0066	0.9934	78.76
29.5	19,659,380	133,858	0.0068	0.9932	78.24
30.5	17,365,526	251,082	0.0145	0.9855	77.71
31.5	15,373,825	63,300	0.0041	0.9959	76.58
32.5	14,550,451	20,734	0.0014	0.9986	76.27
33.5	13,614,798	17,432	0.0013	0.9987	76.16
34.5	12,778,058	41,764	0.0033	0.9967	76.06
35.5	11,428,534	42,900	0.0038	0.9962	75.81
36.5	10,241,351	204,691	0.0200	0.9800	75.52
37.5	9,497,898	174,960	0.0184	0.9816	74.01
38.5	8,799,546	129,471	0.0147	0.9853	72.65

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2006 EXPERIENCE BAND 1915-2006

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	7,903,364	171,789	0.0217	0.9783	71.58
40.5	7,017,758	87,433	0.0125	0.9875	70.03
41.5	6,511,459	40,833	0.0063	0.9937	69.15
42.5	6,122,089	59,956	0.0098	0.9902	68.71
43.5	5,492,932	35,320	0.0064	0.9936	68.04
44.5	5,159,500	28,650	0.0056	0.9944	67.60
45.5	4,475,906	41,396	0.0092	0.9908	67.22
46.5	4,087,241	23,785	0.0058	0.9942	66.60
47.5	3,964,954	612	0.0002	0.9998	66.21
48.5	3,905,665	16,490	0.0042	0.9958	66.20
49.5	3,619,474	14,602	0.0040	0.9960	65.92
50.5	3,145,826	12,077	0.0038	0.9962	65.66
51.5	3,079,447	8,175	0.0027	0.9973	65.41
52.5	2,801,378	2,329	0.0008	0.9992	65.23
53.5	2,589,353	9,414	0.0036	0.9964	65.18
54.5	2,375,813	17,227	0.0073	0.9927	64.95
55.5	2,249,344	4,162	0.0019	0.9981	64.48
56.5	2,086,527	2,359	0.0011	0.9989	64.36
57.5	1,863,204	2,253	0.0012	0.9988	64.29
58.5	1,721,932	5,722	0.0033	0.9967	64.21
59.5	1,534,994	3,960	0.0026	0.9974	64.00
60.5	1,393,582	539	0.0004	0.9996	63.83
61.5	1,306,789	304	0.0002	0.9998	63.80
62.5	1,259,149		0.0000	1.0000	63.79
63.5	1,165,947	104	0.0001	0.9999	63.79
64.5	1,081,781	2,484	0.0023	0.9977	63.78
65.5	1,003,292	1,743	0.0017	0.9983	63.63
66.5	857,785	3,476	0.0041	0.9959	63.52
67.5	735,376	2,252	0.0031	0.9969	63.26
68.5	567,891	1,454	0.0026	0.9974	63.06
69.5	466,817	1,795	0.0038	0.9962	62.90
70.5	396,008	1,790	0.0045	0.9955	62.66
71.5	338,574	112	0.0003	0.9997	62.38
72.5	338,462		0.0000	1.0000	62.36
73.5	338,462	302	0.0009	0.9991	62.36
74.5	301,465		0.0000	1.0000	62.30
75.5	301,465		0.0000	1.0000	62.30
76.5	301,465		0.0000	1.0000	62.30
77.5	301,465		0.0000	1.0000	62.30
78.5	301,465		0.0000	1.0000	62.30

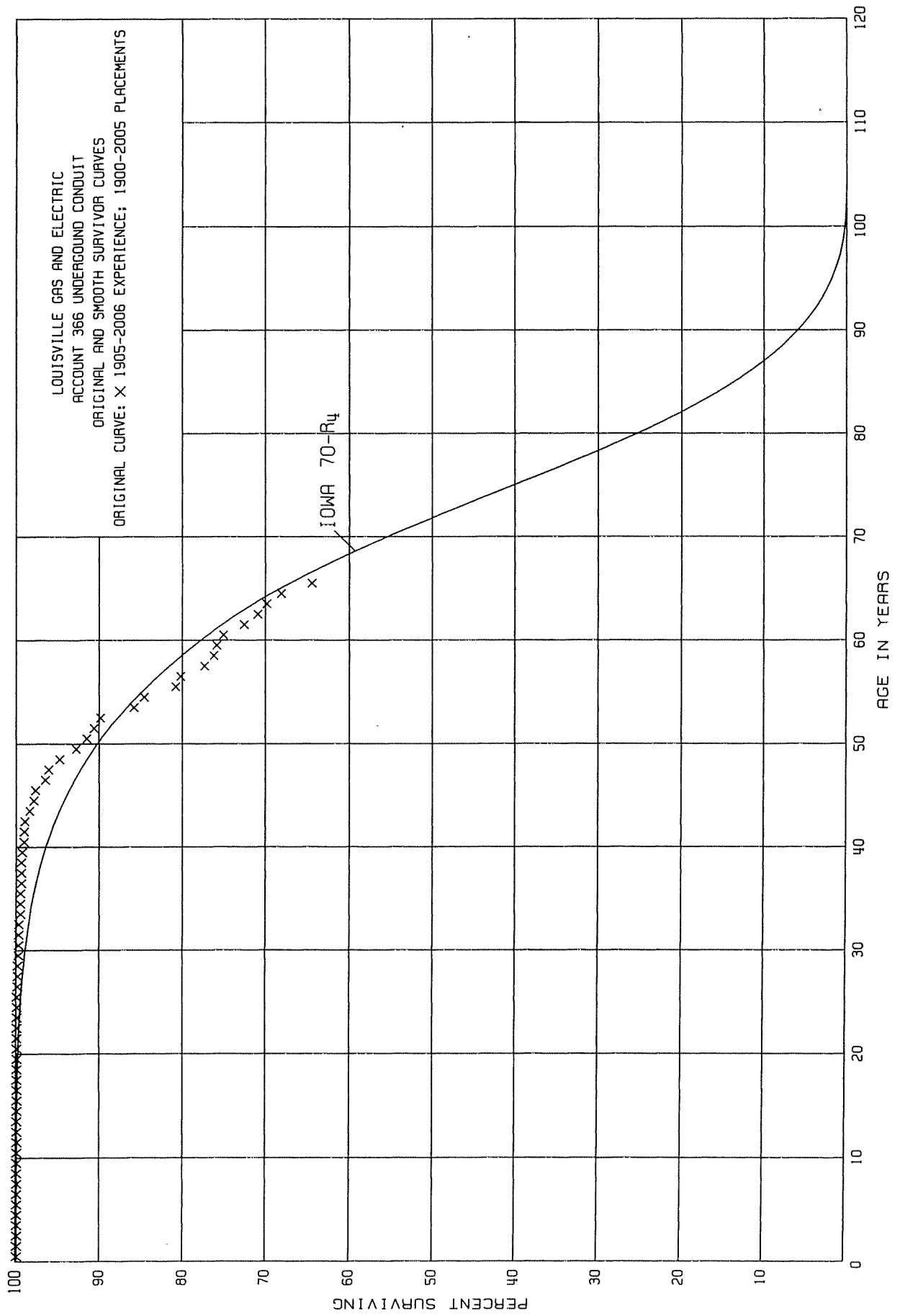
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2006 EXPERIENCE BAND 1915-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	301,465		0.0000	1.0000	62.30
80.5	301,465		0.0000	1.0000	62.30
81.5	121,723		0.0000	1.0000	62.30
82.5	121,723		0.0000	1.0000	62.30
83.5	121,723		0.0000	1.0000	62.30
84.5	121,723		0.0000	1.0000	62.30
85.5	121,723		0.0000	1.0000	62.30
86.5	121,723		0.0000	1.0000	62.30
87.5	121,723		0.0000	1.0000	62.30
88.5	121,723		0.0000	1.0000	62.30
89.5	121,723		0.0000	1.0000	62.30
90.5	121,723		0.0000	1.0000	62.30
91.5					62.30


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 366 UNDERGOUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1905-2006 EXPERIENCE; 1900-2005 PLACEMENTS
IOWA 70-R4
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 366 UNDERGOUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2005 EXPERIENCE BAND 1905-2006

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	62,054,514	5,000	0.0001	0.9999	100.00
0.5	62,320,872	443	0.0000	1.0000	99.99
1.5	60,606,689	974	0.0000	1.0000	99.99
2.5	57,027,641	1,528	0.0000	1.0000	99.99
3.5	53,198,685	4	0.0000	1.0000	99.99
4.5	50,085,284		0.0000	1.0000	99.99
5.5	47,853,959		0.0000	1.0000	99.99
6.5	46,042,293	361	0.0000	1.0000	99.99
7.5	45,063,966		0.0000	1.0000	99.99
8.5	43,524,193	524	0.0000	1.0000	99.99
9.5	39,791,827	376	0.0000	1.0000	99.99
10.5	35,441,233		0.0000	1.0000	99.99
11.5	30,738,167	511	0.0000	1.0000	99.99
12.5	26,950,052	176	0.0000	1.0000	99.99
13.5	22,796,960		0.0000	1.0000	99.99
14.5	20,838,848	191	0.0000	1.0000	99.99
15.5	18,355,415		0.0000	1.0000	99.99
16.5	16,574,602		0.0000	1.0000	99.99
17.5	14,717,675		0.0000	1.0000	99.99
18.5	13,346,950		0.0000	1.0000	99.99
19.5	12,766,666		0.0000	1.0000	99.99
20.5	11,472,452	6,976	0.0006	0.9994	99.99
21.5	10,719,694		0.0000	1.0000	99.93
22.5	10,378,954		0.0000	1.0000	99.93
23.5	9,901,469	3,617	0.0004	0.9996	99.93
24.5	9,253,205	11	0.0000	1.0000	99.89
25.5	8,824,184	4,631	0.0005	0.9995	99.89
26.5	8,181,311	1,729	0.0002	0.9998	99.84
27.5	7,795,931	1,040	0.0001	0.9999	99.82
28.5	7,271,911	5,215	0.0007	0.9993	99.81
29.5	6,791,653	2,545	0.0004	0.9996	99.74
30.5	6,243,860	29	0.0000	1.0000	99.70
31.5	5,843,539	1	0.0000	1.0000	99.70
32.5	5,427,953	13,695	0.0025	0.9975	99.70
33.5	4,809,492	2	0.0000	1.0000	99.45
34.5	4,363,942	8	0.0000	1.0000	99.45
35.5	3,813,287	1,881	0.0005	0.9995	99.45
36.5	3,443,451	20	0.0000	1.0000	99.40
37.5	3,200,053	1,718	0.0005	0.9995	99.40
38.5	2,999,305	180	0.0001	0.9999	99.35

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 366 UNDERGOUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2005 EXPERIENCE BAND 1905-2006

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	2,837,156	6,544	0.0023	0.9977	99.34
40.5	2,741,299	796	0.0003	0.9997	99.11
41.5	2,652,553	1,142	0.0004	0.9996	99.08
42.5	2,578,598	17,239	0.0067	0.9933	99.04
43.5	2,448,366	11,647	0.0048	0.9952	98.38
44.5	2,388,449	5,131	0.0021	0.9979	97.91
45.5	2,354,525	28,996	0.0123	0.9877	97.70
46.5	2,253,079	10,302	0.0046	0.9954	96.50
47.5	2,205,676	28,895	0.0131	0.9869	96.06
48.5	2,096,222	45,110	0.0215	0.9785	94.80
49.5	1,979,879	27,743	0.0140	0.9860	92.76
50.5	1,893,834	17,581	0.0093	0.9907	91.46
51.5	1,839,545	17,530	0.0095	0.9905	90.61
52.5	1,806,253	80,225	0.0444	0.9556	89.75
53.5	1,662,830	23,158	0.0139	0.9861	85.77
54.5	1,607,845	72,241	0.0449	0.9551	84.58
55.5	1,471,653	10,030	0.0068	0.9932	80.78
56.5	1,428,346	52,902	0.0370	0.9630	80.23
57.5	1,286,334	17,862	0.0139	0.9861	77.26
58.5	1,261,465	6,502	0.0052	0.9948	76.19
59.5	1,213,402	12,231	0.0101	0.9899	75.79
60.5	1,200,871	40,631	0.0338	0.9662	75.02
61.5	1,159,150	25,122	0.0217	0.9783	72.48
62.5	1,131,917	17,311	0.0153	0.9847	70.91
63.5	1,108,769	27,180	0.0245	0.9755	69.83
64.5	1,071,123	56,365	0.0526	0.9474	68.12
65.5	1,005,825		0.0000	1.0000	64.54
66.5	966,924		0.0000	1.0000	64.54
67.5	958,027		0.0000	1.0000	64.54
68.5	870,768		0.0000	1.0000	64.54
69.5	870,367		0.0000	1.0000	64.54
70.5	868,487		0.0000	1.0000	64.54
71.5	866,672		0.0000	1.0000	64.54
72.5	741,100		0.0000	1.0000	64.54
73.5	741,100		0.0000	1.0000	64.54
74.5	741,100		0.0000	1.0000	64.54
75.5	741,100		0.0000	1.0000	64.54
76.5	741,100		0.0000	1.0000	64.54
77.5	741,100		0.0000	1.0000	64.54
78.5	741,100		0.0000	1.0000	64.54

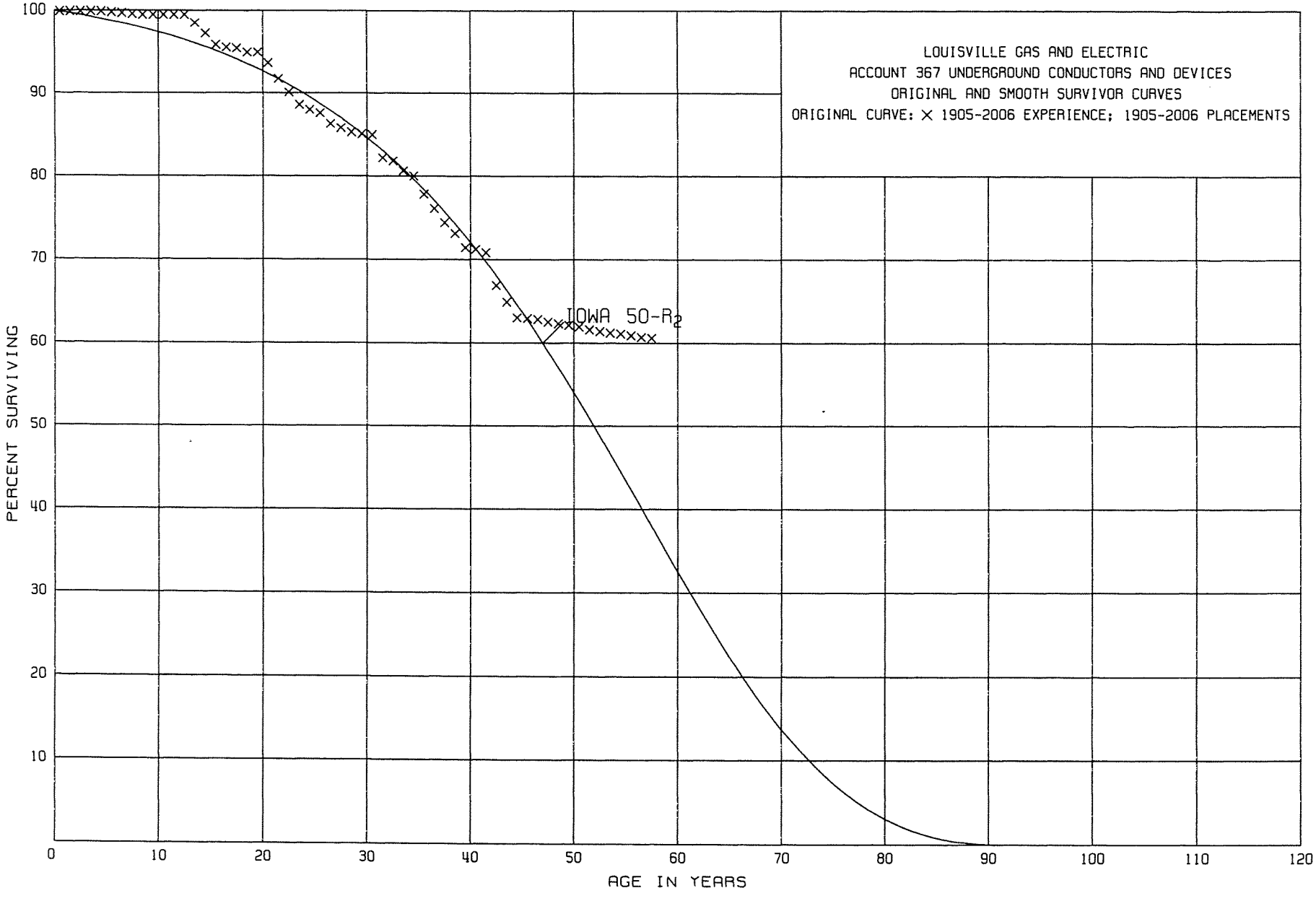
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 366 UNDERGOUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2005 EXPERIENCE BAND 1905-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	741,100		0.0000	1.0000	64.54
80.5	741,100		0.0000	1.0000	64.54
81.5	377,475		0.0000	1.0000	64.54
82.5	377,475		0.0000	1.0000	64.54
83.5	377,475		0.0000	1.0000	64.54
84.5	377,475		0.0000	1.0000	64.54
85.5	377,475		0.0000	1.0000	64.54
86.5	377,475		0.0000	1.0000	64.54
87.5	377,475		0.0000	1.0000	64.54
88.5	377,475		0.0000	1.0000	64.54
89.5	377,475		0.0000	1.0000	64.54
90.5	377,475		0.0000	1.0000	64.54
91.5	184,982		0.0000	1.0000	64.54
92.5	184,982		0.0000	1.0000	64.54
93.5	184,982		0.0000	1.0000	64.54
94.5	184,982		0.0000	1.0000	64.54
95.5	184,982		0.0000	1.0000	64.54
96.5	184,982		0.0000	1.0000	64.54
97.5	184,982		0.0000	1.0000	64.54
98.5	184,982		0.0000	1.0000	64.54
99.5	184,982		0.0000	1.0000	64.54
100.5	184,982		0.0000	1.0000	64.54
101.5	98,660		0.0000	1.0000	64.54
102.5	98,660		0.0000	1.0000	64.54
103.5	98,660		0.0000	1.0000	64.54
104.5	98,660		0.0000	1.0000	64.54
105.5	98,660		0.0000	1.0000	64.54
106.5					64.54


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: × 1905-2006 EXPERIENCE; 1905-2006 PLACEMENTS
IOWA 50-R2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1905-2006

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	96,792,338	22,370	0.0002	0.9998	100.00
0.5	94,843,001	46,912	0.0005	0.9995	99.98
1.5	92,323,888	2,739	0.0000	1.0000	99.93
2.5	88,951,964	42,788	0.0005	0.9995	99.93
3.5	82,969,158	27,912	0.0003	0.9997	99.88
4.5	79,463,023	8,077	0.0001	0.9999	99.85
5.5	73,887,472	73,711	0.0010	0.9990	99.84
6.5	66,063,177	77,764	0.0012	0.9988	99.74
7.5	60,997,613	52,938	0.0009	0.9991	99.62
8.5	57,218,845	6,250	0.0001	0.9999	99.53
9.5	53,526,740	2,941	0.0001	0.9999	99.52
10.5	51,519,438	2,007	0.0000	1.0000	99.51
11.5	48,367,381	12,466	0.0003	0.9997	99.51
12.5	46,188,547	471,726	0.0102	0.9898	99.48
13.5	42,190,071	534,122	0.0127	0.9873	98.47
14.5	39,352,263	566,378	0.0144	0.9856	97.22
15.5	35,366,399	126,251	0.0036	0.9964	95.82
16.5	32,973,208	30,766	0.0009	0.9991	95.48
17.5	30,529,307	158,945	0.0052	0.9948	95.39
18.5	28,595,137	457	0.0000	1.0000	94.89
19.5	26,697,340	368,717	0.0138	0.9862	94.89
20.5	26,328,623	528,109	0.0201	0.9799	93.58
21.5	25,393,899	443,948	0.0175	0.9825	91.70
22.5	23,811,393	395,475	0.0166	0.9834	90.10
23.5	21,646,462	155,221	0.0072	0.9928	88.60
24.5	19,690,498	71,284	0.0036	0.9964	87.96
25.5	18,086,755	273,842	0.0151	0.9849	87.64
26.5	16,703,610	95,875	0.0057	0.9943	86.32
27.5	15,076,742	101,424	0.0067	0.9933	85.83
28.5	13,509,440	20,925	0.0015	0.9985	85.25
29.5	12,041,144	15,332	0.0013	0.9987	85.12
30.5	10,737,009	353,258	0.0329	0.9671	85.01
31.5	9,332,944	47,447	0.0051	0.9949	82.21
32.5	8,165,574	119,748	0.0147	0.9853	81.79
33.5	6,540,633	48,294	0.0074	0.9926	80.59
34.5	5,276,427	143,743	0.0272	0.9728	79.99
35.5	4,044,414	90,607	0.0224	0.9776	77.81
36.5	3,326,648	72,416	0.0218	0.9782	76.07
37.5	3,041,448	52,501	0.0173	0.9827	74.41
38.5	2,869,073	68,944	0.0240	0.9760	73.12

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1905-2006

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	2,657,018	7,121	0.0027	0.9973	71.37
40.5	2,594,306	15,347	0.0059	0.9941	71.18
41.5	2,413,646	132,490	0.0549	0.9451	70.76
42.5	2,135,443	63,336	0.0297	0.9703	66.88
43.5	2,009,039	59,535	0.0296	0.9704	64.89
44.5	1,937,319	2,131	0.0011	0.9989	62.97
45.5	1,728,062	1,673	0.0010	0.9990	62.90
46.5	1,611,118	7,961	0.0049	0.9951	62.84
47.5	1,466,347	5,146	0.0035	0.9965	62.53
48.5	1,390,699	4,758	0.0034	0.9966	62.31
49.5	1,204,214	4,472	0.0037	0.9963	62.10
50.5	1,089,350	4,252	0.0039	0.9961	61.87
51.5	1,038,699	4,242	0.0041	0.9959	61.63
52.5	1,011,623	2,874	0.0028	0.9972	61.38
53.5	928,507	2,295	0.0025	0.9975	61.21
54.5	814,620	2,003	0.0025	0.9975	61.06
55.5	759,429	2,304	0.0030	0.9970	60.91
56.5	659,364	1,337	0.0020	0.9980	60.73
57.5	576,380	1,208	0.0021	0.9979	60.61
58.5	562,606		0.0000	1.0000	60.48
59.5	547,372		0.0000	1.0000	60.48
60.5	543,956		0.0000	1.0000	60.48
61.5	540,962		0.0000	1.0000	60.48
62.5	538,183		0.0000	1.0000	60.48
63.5	504,960		0.0000	1.0000	60.48
64.5	487,036		0.0000	1.0000	60.48
65.5	442,732		0.0000	1.0000	60.48
66.5	353,552		0.0000	1.0000	60.48
67.5	322,135		0.0000	1.0000	60.48
68.5	240,687		0.0000	1.0000	60.48
69.5	217,627	76,143	0.3499	0.6501	60.48
70.5	138,431		0.0000	1.0000	39.32
71.5	137,239		0.0000	1.0000	39.32
72.5	74,707		0.0000	1.0000	39.32
73.5	74,707		0.0000	1.0000	39.32
74.5	74,707		0.0000	1.0000	39.32
75.5	74,707		0.0000	1.0000	39.32
76.5	74,707		0.0000	1.0000	39.32
77.5	74,707		0.0000	1.0000	39.32
78.5	74,707		0.0000	1.0000	39.32

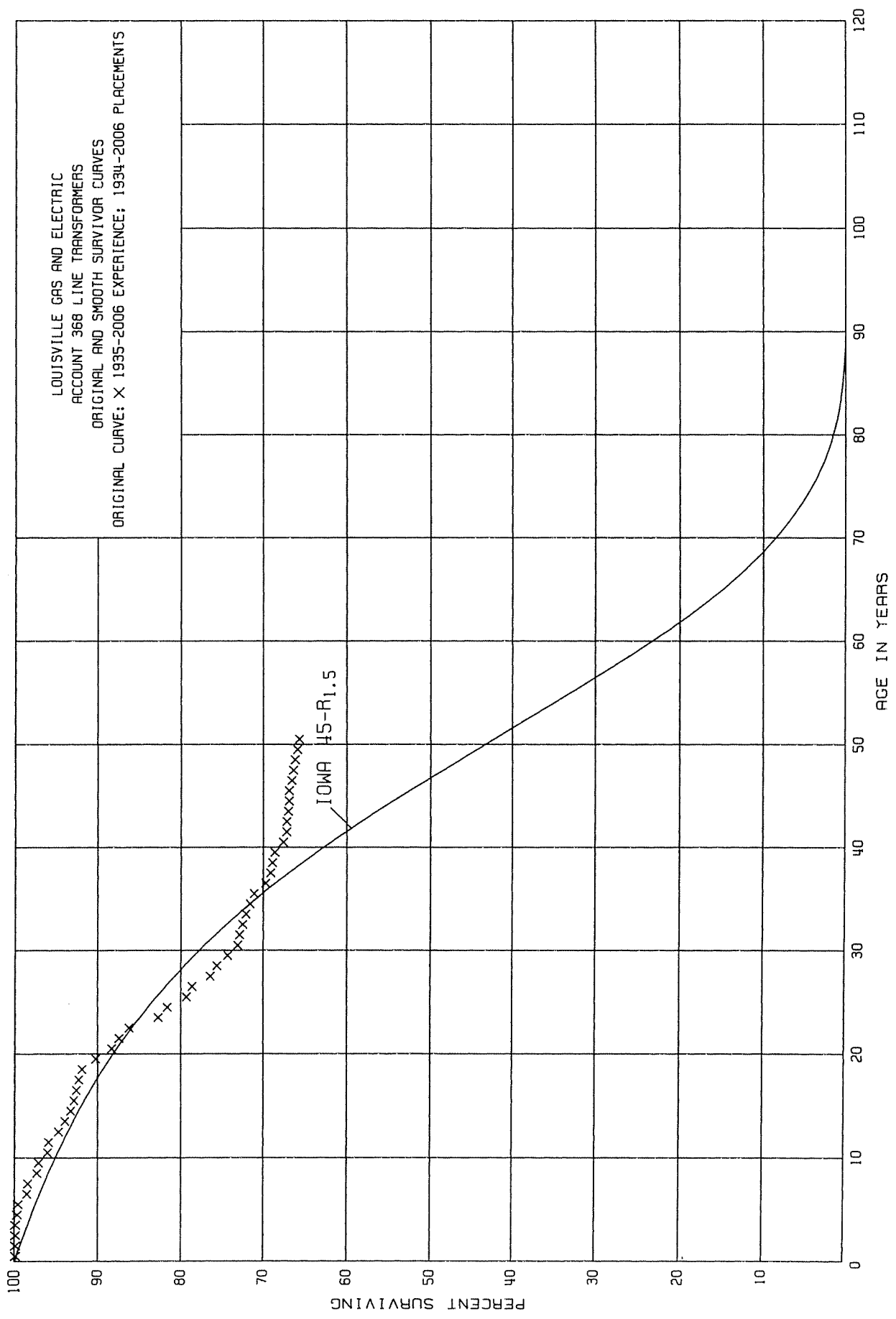
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1905-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	74,707		0.0000	1.0000	39.32
80.5	74,707		0.0000	1.0000	39.32
81.5	37,579		0.0000	1.0000	39.32
82.5	37,579		0.0000	1.0000	39.32
83.5	37,579		0.0000	1.0000	39.32
84.5	37,579		0.0000	1.0000	39.32
85.5	37,579		0.0000	1.0000	39.32
86.5	37,579		0.0000	1.0000	39.32
87.5	37,579		0.0000	1.0000	39.32
88.5	37,579		0.0000	1.0000	39.32
89.5	37,579		0.0000	1.0000	39.32
90.5	37,579		0.0000	1.0000	39.32
91.5	4,986		0.0000	1.0000	39.32
92.5	4,986		0.0000	1.0000	39.32
93.5	4,986		0.0000	1.0000	39.32
94.5	4,986		0.0000	1.0000	39.32
95.5	4,986		0.0000	1.0000	39.32
96.5	4,986		0.0000	1.0000	39.32
97.5	4,986		0.0000	1.0000	39.32
98.5	4,986		0.0000	1.0000	39.32
99.5	4,986		0.0000	1.0000	39.32
100.5	4,986		0.0000	1.0000	39.32
101.5					39.32


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 368 LINE TRANSFORMERS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1935-2006 EXPERIENCE; 1934-2006 PLACEMENTS
IOWA 45-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1935-2006

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	121,492,446	69,660	0.0006	0.9994	100.00
0.5	118,831,572	19,530	0.0002	0.9998	99.94
1.5	115,013,391	49,274	0.0004	0.9996	99.92
2.5	111,418,995	33,616	0.0003	0.9997	99.88
3.5	109,651,116	135,507	0.0012	0.9988	99.85
4.5	106,110,651	178,767	0.0017	0.9983	99.73
5.5	103,051,904	968,282	0.0094	0.9906	99.56
6.5	97,484,317	133,567	0.0014	0.9986	98.62
7.5	93,331,293	1,075,608	0.0115	0.9885	98.48
8.5	90,332,959	140,172	0.0016	0.9984	97.35
9.5	86,446,669	961,965	0.0111	0.9889	97.19
10.5	83,161,931	75,618	0.0009	0.9991	96.11
11.5	79,597,781	1,034,623	0.0130	0.9870	96.02
12.5	75,908,582	661,940	0.0087	0.9913	94.77
13.5	72,741,226	516,542	0.0071	0.9929	93.95
14.5	68,692,443	276,729	0.0040	0.9960	93.28
15.5	64,276,851	233,047	0.0036	0.9964	92.91
16.5	60,504,667	213,404	0.0035	0.9965	92.58
17.5	56,266,263	221,419	0.0039	0.9961	92.26
18.5	52,095,603	947,823	0.0182	0.9818	91.90
19.5	47,332,548	1,001,610	0.0212	0.9788	90.23
20.5	40,553,771	404,343	0.0100	0.9900	88.32
21.5	37,763,386	535,046	0.0142	0.9858	87.44
22.5	35,559,120	1,437,976	0.0404	0.9596	86.20
23.5	32,863,510	443,121	0.0135	0.9865	82.72
24.5	30,990,232	861,880	0.0278	0.9722	81.60
25.5	28,143,053	266,296	0.0095	0.9905	79.33
26.5	26,851,431	735,220	0.0274	0.9726	78.58
27.5	24,636,367	266,583	0.0108	0.9892	76.43
28.5	22,507,014	382,708	0.0170	0.9830	75.60
29.5	20,599,469	328,691	0.0160	0.9840	74.31
30.5	19,087,744	71,389	0.0037	0.9963	73.12
31.5	17,936,889	85,808	0.0048	0.9952	72.85
32.5	16,751,616	102,287	0.0061	0.9939	72.50
33.5	14,996,342	97,993	0.0065	0.9935	72.06
34.5	13,897,583	97,691	0.0070	0.9930	71.59
35.5	12,615,451	249,936	0.0198	0.9802	71.09
36.5	11,086,826	85,493	0.0077	0.9923	69.68
37.5	9,967,620	36,138	0.0036	0.9964	69.14
38.5	8,972,971	38,974	0.0043	0.9957	68.89

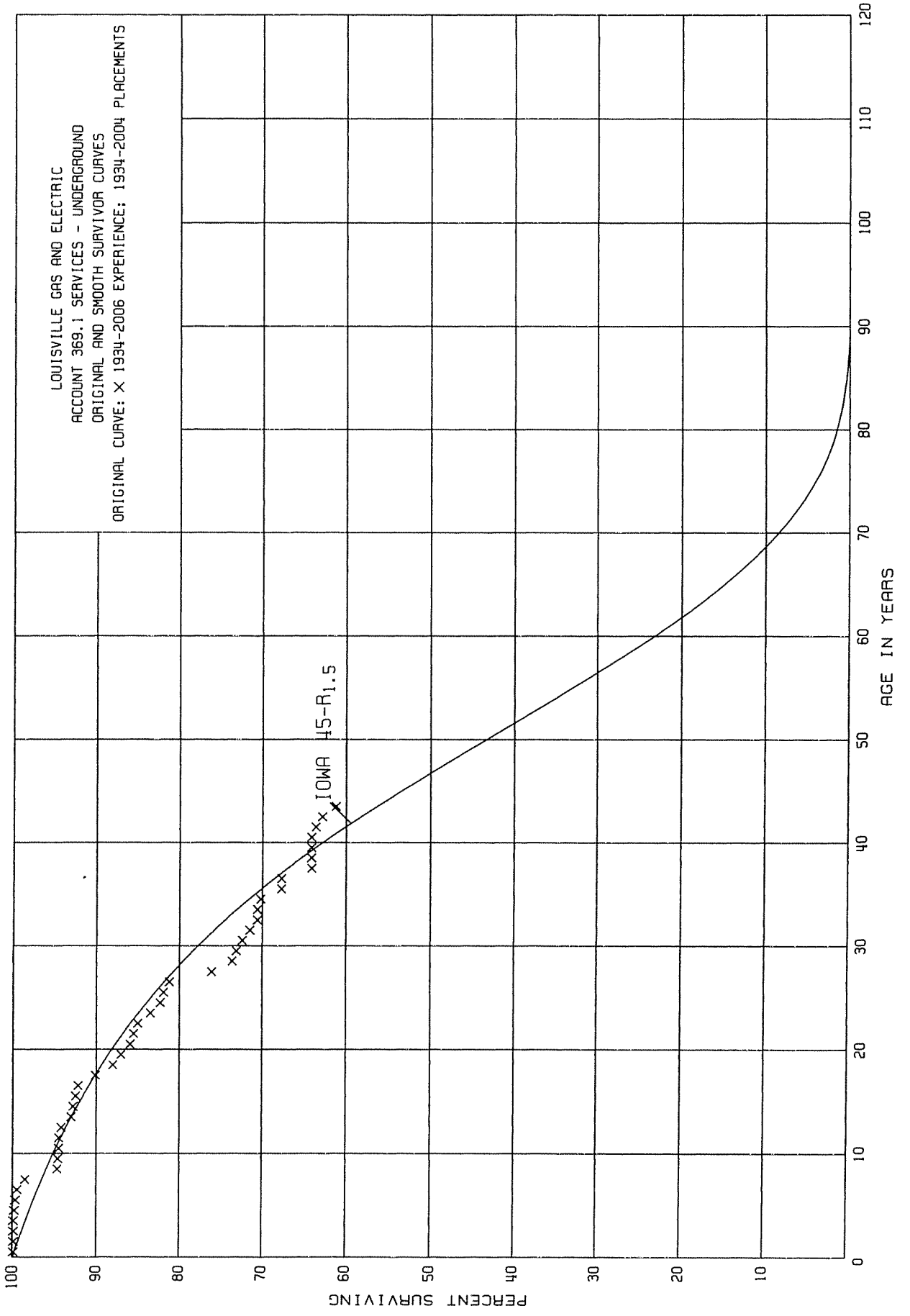
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1935-2006

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	7,964,652	111,468	0.0140	0.9860	68.59
40.5	6,611,927	39,299	0.0059	0.9941	67.63
41.5	5,873,764	6,166	0.0010	0.9990	67.23
42.5	5,293,720	16,997	0.0032	0.9968	67.16
43.5	4,983,300	3,984	0.0008	0.9992	66.95
44.5	4,741,764	3,798	0.0008	0.9992	66.90
45.5	4,185,765	14,011	0.0033	0.9967	66.85
46.5	3,548,512	13,737	0.0039	0.9961	66.63
47.5	3,217,595	10,645	0.0033	0.9967	66.37
48.5	2,771,167	9,497	0.0034	0.9966	66.15
49.5	2,474,226	9,169	0.0037	0.9963	65.93
50.5	2,028,985	3,119	0.0015	0.9985	65.69
51.5	1,880,663	1,626	0.0009	0.9991	65.59
52.5	1,720,163	3,300	0.0019	0.9981	65.53
53.5	1,531,394	1,839	0.0012	0.9988	65.41
54.5	1,335,828	3,006	0.0023	0.9977	65.33
55.5	1,179,412	2,566	0.0022	0.9978	65.18
56.5	1,026,322	1,278	0.0012	0.9988	65.04
57.5	910,571	1,229	0.0013	0.9987	64.96
58.5	865,355	2,450	0.0028	0.9972	64.88
59.5	779,519	2,298	0.0029	0.9971	64.70
60.5	679,555	2,165	0.0032	0.9968	64.51
61.5	600,240	2,137	0.0036	0.9964	64.30
62.5	575,654	1,092	0.0019	0.9981	64.07
63.5	566,365		0.0000	1.0000	63.95
64.5	507,631		0.0000	1.0000	63.95
65.5	404,232		0.0000	1.0000	63.95
66.5	311,155		0.0000	1.0000	63.95
67.5	304,906		0.0000	1.0000	63.95
68.5	213,885		0.0000	1.0000	63.95
69.5	149,513		0.0000	1.0000	63.95
70.5	67,849		0.0000	1.0000	63.95
71.5	20,894		0.0000	1.0000	63.95
72.5					63.95


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 369.1 SERVICES - UNDERGROUND
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE: 1934-2004 PLACEMENTS
IOWA 45-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 369.1 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2004 EXPERIENCE BAND 1934-2006

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	3,851,998		0.0000	1.0000	100.00
0.5	3,975,365	373	0.0001	0.9999	100.00
1.5	3,974,992	97	0.0000	1.0000	99.99
2.5	3,945,805	2,158	0.0005	0.9995	99.99
3.5	2,790,187	4,379	0.0016	0.9984	99.94
4.5	2,785,808	2,699	0.0010	0.9990	99.78
5.5	2,783,109	5,654	0.0020	0.9980	99.68
6.5	2,776,112	24,494	0.0088	0.9912	99.48
7.5	2,751,618	110,062	0.0400	0.9600	98.60
8.5	2,612,195	1,410	0.0005	0.9995	94.66
9.5	2,293,093	1,508	0.0007	0.9993	94.61
10.5	2,112,135	826	0.0004	0.9996	94.54
11.5	2,097,857	7,038	0.0034	0.9966	94.50
12.5	1,895,402	24,795	0.0131	0.9869	94.18
13.5	1,687,119	2,874	0.0017	0.9983	92.95
14.5	1,637,347	4,440	0.0027	0.9973	92.79
15.5	1,527,132	5,261	0.0034	0.9966	92.54
16.5	1,329,276	30,204	0.0227	0.9773	92.23
17.5	1,253,206	30,315	0.0242	0.9758	90.14
18.5	1,162,868	13,312	0.0114	0.9886	87.96
19.5	1,110,361	13,588	0.0122	0.9878	86.96
20.5	1,019,384	4,990	0.0049	0.9951	85.90
21.5	1,007,644	5,956	0.0059	0.9941	85.48
22.5	924,022	15,978	0.0173	0.9827	84.98
23.5	839,329	11,756	0.0140	0.9860	83.51
24.5	766,259	4,040	0.0053	0.9947	82.34
25.5	713,448	6,443	0.0090	0.9910	81.90
26.5	674,976	42,541	0.0630	0.9370	81.16
27.5	574,360	18,468	0.0322	0.9678	76.05
28.5	519,367	3,698	0.0071	0.9929	73.60
29.5	490,996	4,279	0.0087	0.9913	73.08
30.5	428,376	5,679	0.0133	0.9867	72.44
31.5	381,555	4,762	0.0125	0.9875	71.48
32.5	359,840		0.0000	1.0000	70.59
33.5	326,022	1,593	0.0049	0.9951	70.59
34.5	294,322	10,575	0.0359	0.9641	70.24
35.5	267,445		0.0000	1.0000	67.72
36.5	241,081	12,791	0.0531	0.9469	67.72
37.5	223,734		0.0000	1.0000	64.12
38.5	209,068		0.0000	1.0000	64.12

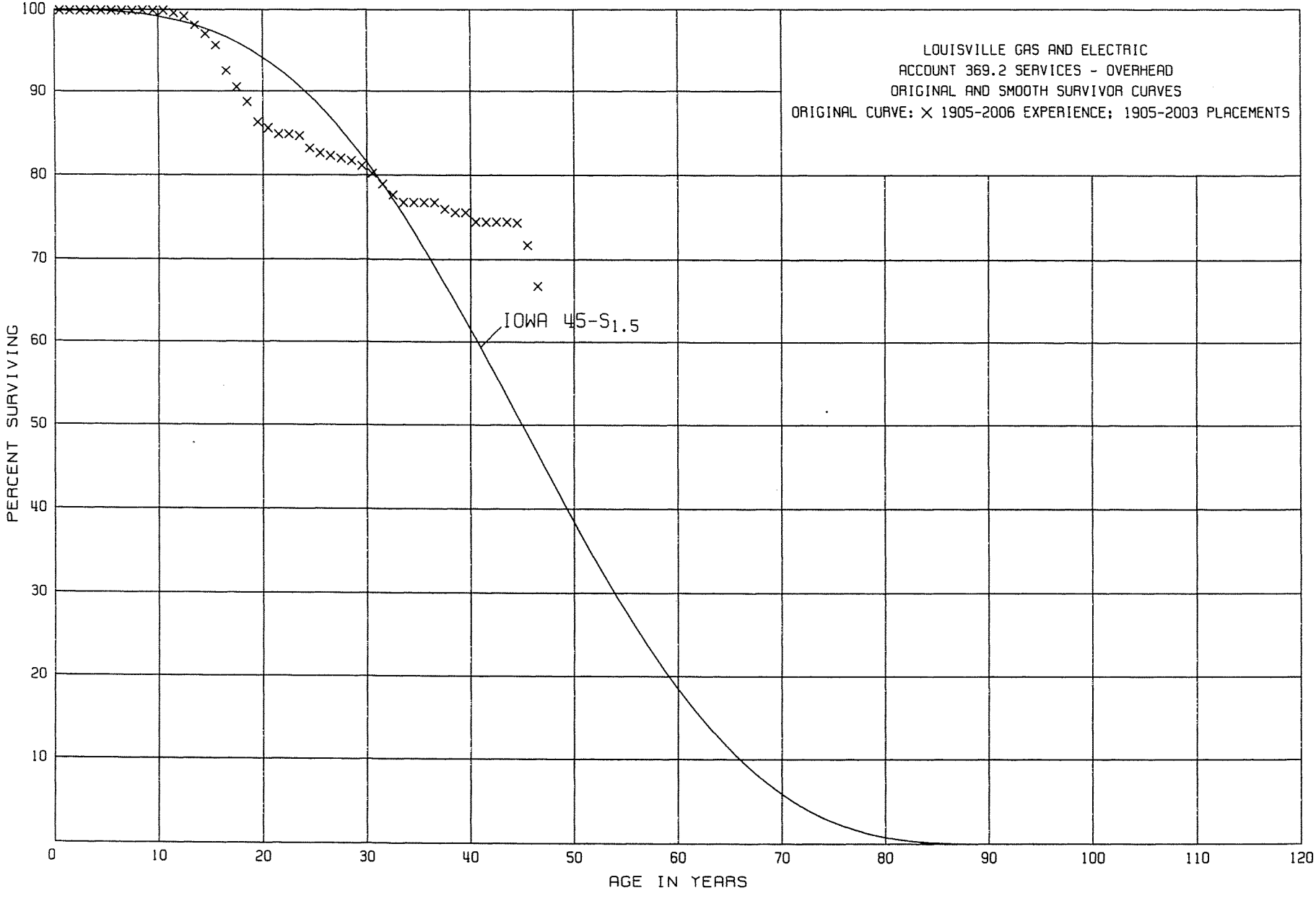
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 369.1 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2004 EXPERIENCE BAND 1934-2006

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	193,217		0.0000	1.0000	64.12
40.5	189,539	1,559	0.0082	0.9918	64.12
41.5	173,904	2,137	0.0123	0.9877	63.59
42.5	158,279	4,035	0.0255	0.9745	62.81
43.5	134,980		0.0000	1.0000	61.21
44.5	131,329		0.0000	1.0000	61.21
45.5	121,478		0.0000	1.0000	61.21
46.5	109,172		0.0000	1.0000	61.21
47.5	97,737	3,660	0.0374	0.9626	61.21
48.5	84,344		0.0000	1.0000	58.92
49.5	78,697		0.0000	1.0000	58.92
50.5	70,040		0.0000	1.0000	58.92
51.5	65,732		0.0000	1.0000	58.92
52.5	58,558	790	0.0135	0.9865	58.92
53.5	51,156		0.0000	1.0000	58.12
54.5	47,812		0.0000	1.0000	58.12
55.5	42,389		0.0000	1.0000	58.12
56.5	34,828		0.0000	1.0000	58.12
57.5	32,909		0.0000	1.0000	58.12
58.5	31,572		0.0000	1.0000	58.12
59.5	27,488		0.0000	1.0000	58.12
60.5	25,189		0.0000	1.0000	58.12
61.5	25,034		0.0000	1.0000	58.12
62.5	23,169		0.0000	1.0000	58.12
63.5	21,245		0.0000	1.0000	58.12
64.5	18,676		0.0000	1.0000	58.12
65.5	15,948		0.0000	1.0000	58.12
66.5	15,483		0.0000	1.0000	58.12
67.5	11,555		0.0000	1.0000	58.12
68.5	10,347		0.0000	1.0000	58.12
69.5	8,738		0.0000	1.0000	58.12
70.5	7,044		0.0000	1.0000	58.12
71.5	4,926		0.0000	1.0000	58.12
72.5					58.12


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 369.2 SERVICES - OVERHEAD
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1905-2006 EXPERIENCE; 1905-2003 PLACEMENTS
IOWA 45-S1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2003 EXPERIENCE BAND 1905-2006

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	24,225,793		0.0000	1.0000	100.00
0.5	24,266,694		0.0000	1.0000	100.00
1.5	24,266,694		0.0000	1.0000	100.00
2.5	24,266,694		0.0000	1.0000	100.00
3.5	23,655,335		0.0000	1.0000	100.00
4.5	23,655,087		0.0000	1.0000	100.00
5.5	23,395,063		0.0000	1.0000	100.00
6.5	23,254,699		0.0000	1.0000	100.00
7.5	22,728,819		0.0000	1.0000	100.00
8.5	22,110,210		0.0000	1.0000	100.00
9.5	21,245,374		0.0000	1.0000	100.00
10.5	20,442,326	82,399	0.0040	0.9960	100.00
11.5	19,414,723	77,155	0.0040	0.9960	99.60
12.5	18,605,858	207,486	0.0112	0.9888	99.20
13.5	17,709,625	190,209	0.0107	0.9893	98.09
14.5	16,724,778	247,309	0.0148	0.9852	97.04
15.5	15,726,961	508,252	0.0323	0.9677	95.60
16.5	14,558,536	315,452	0.0217	0.9783	92.51
17.5	13,663,919	267,310	0.0196	0.9804	90.50
18.5	12,797,746	344,792	0.0269	0.9731	88.73
19.5	11,746,210	96,670	0.0082	0.9918	86.34
20.5	10,840,149	93,701	0.0086	0.9914	85.63
21.5	10,003,472		0.0000	1.0000	84.89
22.5	9,128,961	16,481	0.0018	0.9982	84.89
23.5	8,328,339	149,232	0.0179	0.9821	84.74
24.5	7,490,197	52,267	0.0070	0.9930	83.22
25.5	6,824,311	28,121	0.0041	0.9959	82.64
26.5	6,202,688	23,333	0.0038	0.9962	82.30
27.5	5,644,105	21,942	0.0039	0.9961	81.99
28.5	5,126,186	34,950	0.0068	0.9932	81.67
29.5	4,650,012	52,644	0.0113	0.9887	81.11
30.5	4,184,593	65,872	0.0157	0.9843	80.19
31.5	3,752,673	64,619	0.0172	0.9828	78.93
32.5	3,535,643	40,554	0.0115	0.9885	77.57
33.5	3,185,478		0.0000	1.0000	76.68
34.5	3,051,638		0.0000	1.0000	76.68
35.5	2,800,169		0.0000	1.0000	76.68
36.5	2,575,203	26,611	0.0103	0.9897	76.68
37.5	2,432,884	11,188	0.0046	0.9954	75.89
38.5	2,208,624	94	0.0000	1.0000	75.54

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2003 EXPERIENCE BAND 1905-2006

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	2,093,019	31,909	0.0152	0.9848	75.54
40.5	2,056,833		0.0000	1.0000	74.39
41.5	1,946,895		0.0000	1.0000	74.39
42.5	1,849,551		0.0000	1.0000	74.39
43.5	1,670,504	2,294	0.0014	0.9986	74.39
44.5	1,566,699	55,776	0.0356	0.9644	74.29
45.5	1,410,497	94,957	0.0673	0.9327	71.65
46.5	1,194,710		0.0000	1.0000	66.83
47.5	1,158,278		0.0000	1.0000	66.83
48.5	1,037,177		0.0000	1.0000	66.83
49.5	933,815		0.0000	1.0000	66.83
50.5	870,527		0.0000	1.0000	66.83
51.5	812,552		0.0000	1.0000	66.83
52.5	760,779		0.0000	1.0000	66.83
53.5	613,013	3,429	0.0056	0.9944	66.83
54.5	545,851	1,419	0.0026	0.9974	66.46
55.5	483,682	4,756	0.0098	0.9902	66.29
56.5	438,999	2,318	0.0053	0.9947	65.64
57.5	421,007	5,582	0.0133	0.9867	65.29
58.5	321,523	4,235	0.0132	0.9868	64.42
59.5	292,545	2,176	0.0074	0.9926	63.57
60.5	247,572		0.0000	1.0000	63.10
61.5	226,707		0.0000	1.0000	63.10
62.5	212,742		0.0000	1.0000	63.10
63.5	198,877		0.0000	1.0000	63.10
64.5	166,315		0.0000	1.0000	63.10
65.5	162,169		0.0000	1.0000	63.10
66.5	137,683		0.0000	1.0000	63.10
67.5	107,895		0.0000	1.0000	63.10
68.5	73,793		0.0000	1.0000	63.10
69.5	65,210		0.0000	1.0000	63.10
70.5	61,006		0.0000	1.0000	63.10
71.5	43,508		0.0000	1.0000	63.10
72.5	37,579		0.0000	1.0000	63.10
73.5	37,579		0.0000	1.0000	63.10
74.5	37,579		0.0000	1.0000	63.10
75.5	37,579		0.0000	1.0000	63.10
76.5	37,579		0.0000	1.0000	63.10
77.5	37,579		0.0000	1.0000	63.10
78.5	37,579		0.0000	1.0000	63.10

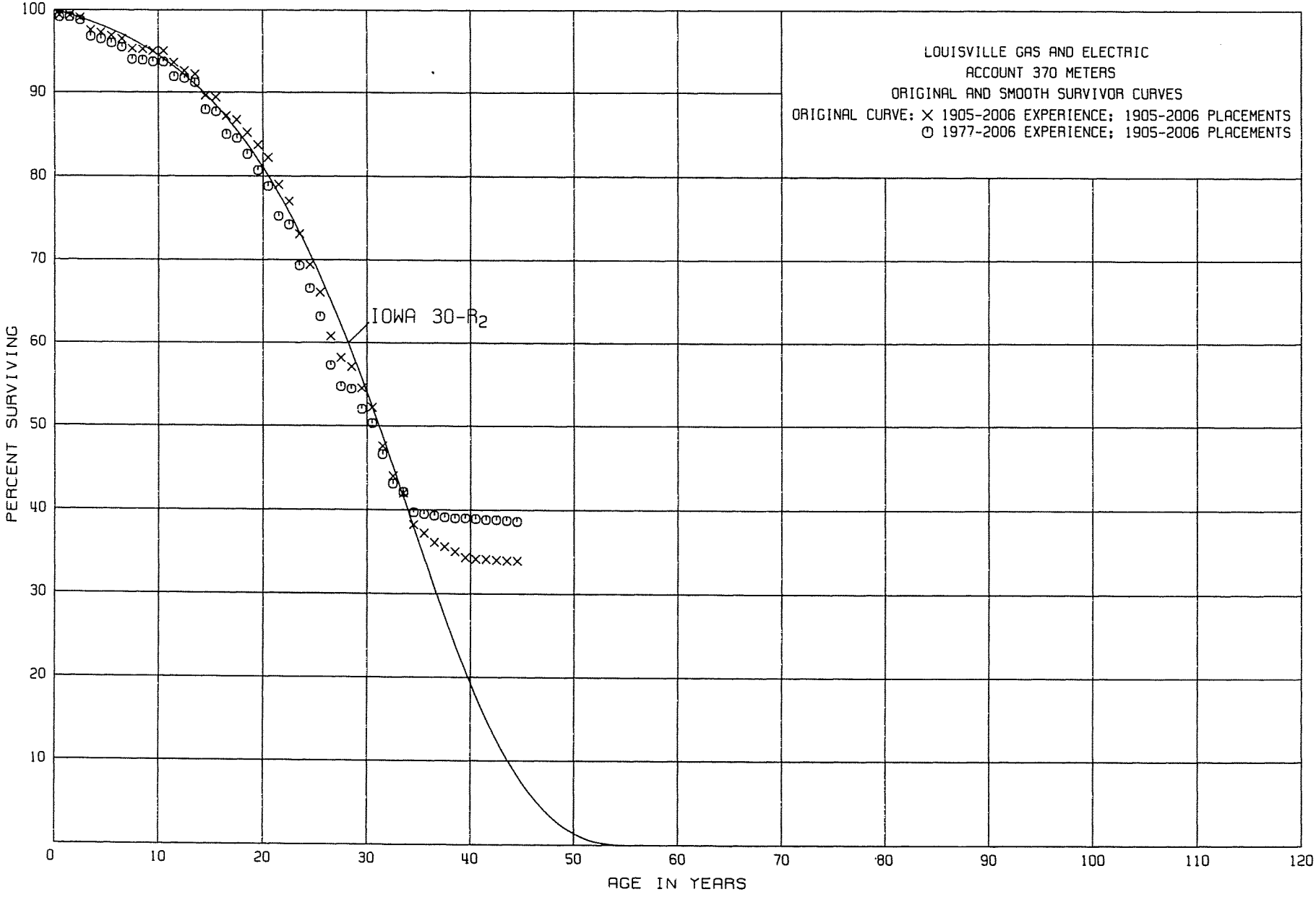
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2003 EXPERIENCE BAND 1905-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	37,579		0.0000	1.0000	63.10
80.5	37,579		0.0000	1.0000	63.10
81.5	17,258		0.0000	1.0000	63.10
82.5	17,258		0.0000	1.0000	63.10
83.5	17,258		0.0000	1.0000	63.10
84.5	17,258		0.0000	1.0000	63.10
85.5	17,258		0.0000	1.0000	63.10
86.5	17,258		0.0000	1.0000	63.10
87.5	17,258		0.0000	1.0000	63.10
88.5	17,258		0.0000	1.0000	63.10
89.5	17,258		0.0000	1.0000	63.10
90.5	17,258		0.0000	1.0000	63.10
91.5	2,918		0.0000	1.0000	63.10
92.5	2,918		0.0000	1.0000	63.10
93.5	2,918		0.0000	1.0000	63.10
94.5	2,918		0.0000	1.0000	63.10
95.5	2,918		0.0000	1.0000	63.10
96.5	2,918		0.0000	1.0000	63.10
97.5	2,918		0.0000	1.0000	63.10
98.5	2,918		0.0000	1.0000	63.10
99.5	2,918		0.0000	1.0000	63.10
100.5	2,918		0.0000	1.0000	63.10
101.5					63.10


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 370 METERS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1905-2006 EXPERIENCE; 1905-2006 PLACEMENTS
O 1977-2006 EXPERIENCE; 1905-2006 PLACEMENTS
IOWA 30-R2
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1905-2006

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	45,932,829	274,657	0.0060	0.9940	100.00
0.5	44,942,880	6,695	0.0001	0.9999	99.40
1.5	43,732,868	127,320	0.0029	0.9971	99.39
2.5	43,092,439	673,409	0.0156	0.9844	99.10
3.5	41,340,035	96,940	0.0023	0.9977	97.55
4.5	39,722,574	177,281	0.0045	0.9955	97.33
5.5	38,442,195	150,281	0.0039	0.9961	96.89
6.5	37,901,321	476,009	0.0126	0.9874	96.51
7.5	37,161,680	36,429	0.0010	0.9990	95.29
8.5	36,649,350	59,620	0.0016	0.9984	95.19
9.5	35,726,580	24,038	0.0007	0.9993	95.04
10.5	34,849,451	523,197	0.0150	0.9850	94.97
11.5	31,415,219	310,432	0.0099	0.9901	93.55
12.5	30,455,294	123,791	0.0041	0.9959	92.62
13.5	28,901,277	843,569	0.0292	0.9708	92.24
14.5	26,338,963	41,074	0.0016	0.9984	89.55
15.5	25,239,785	632,592	0.0251	0.9749	89.41
16.5	23,344,738	114,831	0.0049	0.9951	87.17
17.5	20,998,125	365,236	0.0174	0.9826	86.74
18.5	18,980,418	343,285	0.0181	0.9819	85.23
19.5	16,382,385	291,346	0.0178	0.9822	83.69
20.5	14,033,756	544,291	0.0388	0.9612	82.20
21.5	12,968,108	331,458	0.0256	0.9744	79.01
22.5	11,818,715	593,546	0.0502	0.9498	76.99
23.5	10,620,081	546,788	0.0515	0.9485	73.13
24.5	9,516,422	450,567	0.0473	0.9527	69.36
25.5	8,666,654	694,275	0.0801	0.9199	66.08
26.5	7,809,631	338,055	0.0433	0.9567	60.79
27.5	7,353,704	133,987	0.0182	0.9818	58.16
28.5	6,996,363	313,213	0.0448	0.9552	57.10
29.5	6,234,675	270,861	0.0434	0.9566	54.54
30.5	5,609,155	493,569	0.0880	0.9120	52.17
31.5	4,782,658	361,900	0.0757	0.9243	47.58
32.5	4,156,984	192,102	0.0462	0.9538	43.98
33.5	3,862,850	346,331	0.0897	0.9103	41.95
34.5	3,458,688	92,351	0.0267	0.9733	38.19
35.5	3,244,968	89,727	0.0277	0.9723	37.17
36.5	3,004,965	43,261	0.0144	0.9856	36.14
37.5	2,750,841	49,885	0.0181	0.9819	35.62
38.5	2,598,659	51,598	0.0199	0.9801	34.98

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1905-2006

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	2,541,358	11,849	0.0047	0.9953	34.28
40.5	2,257,951	3,860	0.0017	0.9983	34.12
41.5	2,095,229	3,818	0.0018	0.9982	34.06
42.5	1,986,612	3,734	0.0019	0.9981	34.00
43.5	1,945,366	3,635	0.0019	0.9981	33.94
44.5	1,844,869	3,568	0.0019	0.9981	33.88
45.5	1,658,568	3,550	0.0021	0.9979	33.82
46.5	1,577,048	3,543	0.0022	0.9978	33.75
47.5	1,562,700	3,515	0.0022	0.9978	33.68
48.5	1,421,826	3,470	0.0024	0.9976	33.61
49.5	1,256,269	3,424	0.0027	0.9973	33.53
50.5	1,229,594	3,395	0.0028	0.9972	33.44
51.5	1,129,124	3,360	0.0030	0.9970	33.35
52.5	958,287	3,309	0.0035	0.9965	33.25
53.5	891,881	3,290	0.0037	0.9963	33.13
54.5	796,670	3,275	0.0041	0.9959	33.01
55.5	709,773	3,206	0.0045	0.9955	32.87
56.5	631,259	3,190	0.0051	0.9949	32.72
57.5	581,312	3,178	0.0055	0.9945	32.55
58.5	534,156	3,144	0.0059	0.9941	32.37
59.5	386,024	3,123	0.0081	0.9919	32.18
60.5	327,021	3,089	0.0094	0.9906	31.92
61.5	272,176		0.0000	1.0000	31.62
62.5	253,099		0.0000	1.0000	31.62
63.5	234,800		0.0000	1.0000	31.62
64.5	182,548		0.0000	1.0000	31.62
65.5	181,017		0.0000	1.0000	31.62
66.5	130,235		0.0000	1.0000	31.62
67.5	91,578		0.0000	1.0000	31.62
68.5	68,039		0.0000	1.0000	31.62
69.5	43,418	1,062	0.0245	0.9755	31.62
70.5	41,288		0.0000	1.0000	30.85
71.5	20,550		0.0000	1.0000	30.85
72.5	11,919		0.0000	1.0000	30.85
73.5	11,919		0.0000	1.0000	30.85
74.5	11,919		0.0000	1.0000	30.85
75.5	11,919		0.0000	1.0000	30.85
76.5	11,919		0.0000	1.0000	30.85
77.5	11,919		0.0000	1.0000	30.85
78.5	11,919		0.0000	1.0000	30.85

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1905-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	11,919	1,057	0.0887	0.9113	30.85
80.5	10,862		0.0000	1.0000	28.11
81.5	7,758		0.0000	1.0000	28.11
82.5	7,758		0.0000	1.0000	28.11
83.5	7,758		0.0000	1.0000	28.11
84.5	7,758		0.0000	1.0000	28.11
85.5	7,758		0.0000	1.0000	28.11
86.5	7,758		0.0000	1.0000	28.11
87.5	7,758		0.0000	1.0000	28.11
88.5	7,758		0.0000	1.0000	28.11
89.5	7,758		0.0000	1.0000	28.11
90.5	7,758		0.0000	1.0000	28.11
91.5	246		0.0000	1.0000	28.11
92.5	246		0.0000	1.0000	28.11
93.5	246		0.0000	1.0000	28.11
94.5	246		0.0000	1.0000	28.11
95.5	246		0.0000	1.0000	28.11
96.5	246		0.0000	1.0000	28.11
97.5	246		0.0000	1.0000	28.11
98.5	246		0.0000	1.0000	28.11
99.5	246		0.0000	1.0000	28.11
100.5	246		0.0000	1.0000	28.11
101.5					28.11

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1977-2006

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	35,143,473	274,657	0.0078	0.9922	100.00
0.5	34,446,459	6,695	0.0002	0.9998	99.22
1.5	33,581,879	127,320	0.0038	0.9962	99.20
2.5	33,488,951	673,409	0.0201	0.9799	98.82
3.5	32,204,126	96,940	0.0030	0.9970	96.83
4.5	31,117,343	177,281	0.0057	0.9943	96.54
5.5	30,229,860	150,281	0.0050	0.9950	95.99
6.5	30,018,575	476,009	0.0159	0.9841	95.51
7.5	29,668,825	26,785	0.0009	0.9991	93.99
8.5	29,447,161	59,620	0.0020	0.9980	93.91
9.5	28,760,928	24,038	0.0008	0.9992	93.72
10.5	28,185,224	523,197	0.0186	0.9814	93.65
11.5	25,134,749	67,305	0.0027	0.9973	91.91
12.5	24,715,800	123,791	0.0050	0.9950	91.66
13.5	23,385,079	843,569	0.0361	0.9639	91.20
14.5	21,104,093	41,074	0.0019	0.9981	87.91
15.5	20,201,531	632,592	0.0313	0.9687	87.74
16.5	18,632,707	114,831	0.0062	0.9938	84.99
17.5	16,537,906	365,236	0.0221	0.9779	84.46
18.5	14,801,757	343,285	0.0232	0.9768	82.59
19.5	12,369,737	291,346	0.0236	0.9764	80.67
20.5	10,284,905	472,246	0.0459	0.9541	78.77
21.5	9,757,902	122,382	0.0125	0.9875	75.15
22.5	8,988,859	593,546	0.0660	0.9340	74.21
23.5	7,968,553	309,851	0.0389	0.9611	69.31
24.5	7,285,878	370,286	0.0508	0.9492	66.61
25.5	6,696,849	623,187	0.0931	0.9069	63.23
26.5	5,989,772	274,255	0.0458	0.9542	57.34
27.5	5,647,941	36,756	0.0065	0.9935	54.71
28.5	5,435,324	232,966	0.0429	0.9571	54.35
29.5	4,902,350	157,691	0.0322	0.9678	52.02
30.5	4,449,321	329,550	0.0741	0.9259	50.34
31.5	3,841,987	291,176	0.0758	0.9242	46.61
32.5	3,309,470	72,541	0.0219	0.9781	43.08
33.5	3,156,503	181,488	0.0575	0.9425	42.14
34.5	2,972,719	15,409	0.0052	0.9948	39.72
35.5	2,840,748	13,814	0.0049	0.9951	39.51
36.5	2,730,689	13,368	0.0049	0.9951	39.32
37.5	2,548,294	7,143	0.0028	0.9972	39.13
38.5	2,465,566	3,936	0.0016	0.9984	39.02

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1977-2006

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	2,483,710	3,890	0.0016	0.9984	38.96
40.5	2,212,458	3,860	0.0017	0.9983	38.90
41.5	2,071,547	3,818	0.0018	0.9982	38.83
42.5	1,973,631	3,734	0.0019	0.9981	38.76
43.5	1,932,385	3,635	0.0019	0.9981	38.69
44.5	1,831,888	3,568	0.0019	0.9981	38.62
45.5	1,645,587	3,550	0.0022	0.9978	38.55
46.5	1,564,067	3,543	0.0023	0.9977	38.47
47.5	1,549,719	3,515	0.0023	0.9977	38.38
48.5	1,408,845	3,470	0.0025	0.9975	38.29
49.5	1,243,288	3,424	0.0028	0.9972	38.19
50.5	1,216,613	3,395	0.0028	0.9972	38.08
51.5	1,120,309	3,360	0.0030	0.9970	37.97
52.5	949,472	3,309	0.0035	0.9965	37.86
53.5	883,066	3,290	0.0037	0.9963	37.73
54.5	787,855	3,275	0.0042	0.9958	37.59
55.5	700,958	3,206	0.0046	0.9954	37.43
56.5	622,444	3,190	0.0051	0.9949	37.26
57.5	572,497	3,178	0.0056	0.9944	37.07
58.5	525,341	3,144	0.0060	0.9940	36.86
59.5	377,209	3,123	0.0083	0.9917	36.64
60.5	318,206	3,089	0.0097	0.9903	36.34
61.5	271,930		0.0000	1.0000	35.99
62.5	252,853		0.0000	1.0000	35.99
63.5	234,554		0.0000	1.0000	35.99
64.5	182,302		0.0000	1.0000	35.99
65.5	180,771		0.0000	1.0000	35.99
66.5	129,989		0.0000	1.0000	35.99
67.5	91,332		0.0000	1.0000	35.99
68.5	67,793		0.0000	1.0000	35.99
69.5	43,172	1,062	0.0246	0.9754	35.99
70.5	41,042		0.0000	1.0000	35.10
71.5	20,550		0.0000	1.0000	35.10
72.5	11,919		0.0000	1.0000	35.10
73.5	11,919		0.0000	1.0000	35.10
74.5	11,919		0.0000	1.0000	35.10
75.5	11,919		0.0000	1.0000	35.10
76.5	11,919		0.0000	1.0000	35.10
77.5	11,919		0.0000	1.0000	35.10
78.5	11,919		0.0000	1.0000	35.10

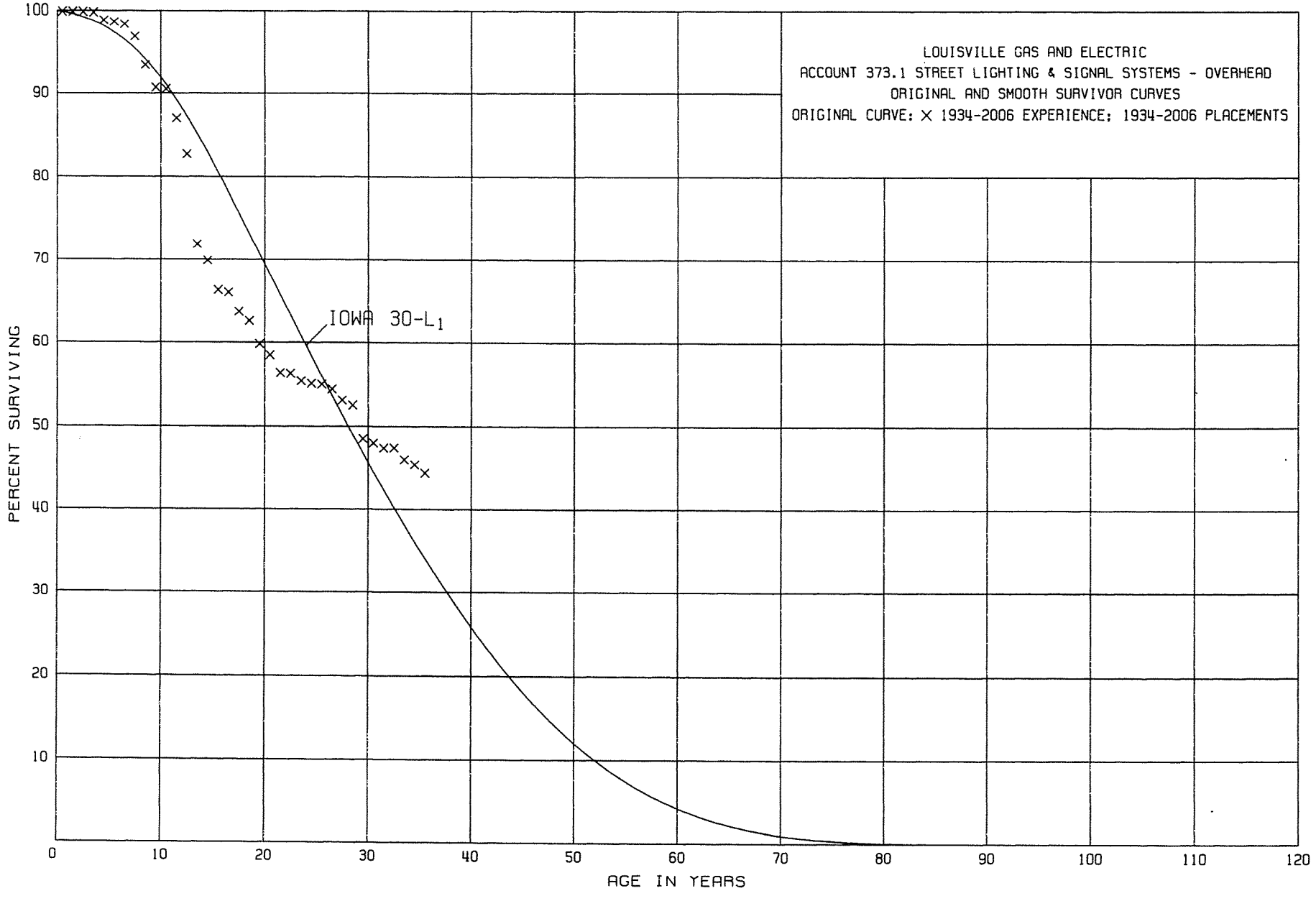
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2006 EXPERIENCE BAND 1977-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	11,919	1,057	0.0887	0.9113	35.10
80.5	10,862		0.0000	1.0000	31.99
81.5	7,758		0.0000	1.0000	31.99
82.5	7,758		0.0000	1.0000	31.99
83.5	7,758		0.0000	1.0000	31.99
84.5	7,758		0.0000	1.0000	31.99
85.5	7,758		0.0000	1.0000	31.99
86.5	7,758		0.0000	1.0000	31.99
87.5	7,758		0.0000	1.0000	31.99
88.5	7,758		0.0000	1.0000	31.99
89.5	7,758		0.0000	1.0000	31.99
90.5	7,758		0.0000	1.0000	31.99
91.5	246		0.0000	1.0000	31.99
92.5	246		0.0000	1.0000	31.99
93.5	246		0.0000	1.0000	31.99
94.5	246		0.0000	1.0000	31.99
95.5	246		0.0000	1.0000	31.99
96.5	246		0.0000	1.0000	31.99
97.5	246		0.0000	1.0000	31.99
98.5	246		0.0000	1.0000	31.99
99.5	246		0.0000	1.0000	31.99
100.5	246		0.0000	1.0000	31.99
101.5					31.99


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 373.1 STREET LIGHTING & SIGNAL SYSTEMS - OVERHEAD
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2006 PLACEMENTS
IOWA 30-L1
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 373.1 STREET LIGHTING & SIGNAL SYSTEMS - OVERHEAD

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1934-2006

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	32,928,675	2,887	0.0001	0.9999	100.00
0.5	33,128,073	26,853	0.0008	0.9992	99.99
1.5	32,436,200	1,295	0.0000	1.0000	99.91
2.5	32,174,378	47,685	0.0015	0.9985	99.91
3.5	31,713,819	269,229	0.0085	0.9915	99.76
4.5	30,786,067	59,314	0.0019	0.9981	98.91
5.5	30,192,134	107,456	0.0036	0.9964	98.72
6.5	29,293,842	433,955	0.0148	0.9852	98.36
7.5	27,907,309	1,018,728	0.0365	0.9635	96.90
8.5	25,496,109	736,356	0.0289	0.9711	93.36
9.5	23,318,819	41,365	0.0018	0.9982	90.66
10.5	21,802,640	838,169	0.0384	0.9616	90.50
11.5	19,703,955	978,208	0.0496	0.9504	87.02
12.5	17,047,776	2,217,966	0.1301	0.8699	82.70
13.5	13,305,783	384,100	0.0289	0.9711	71.94
14.5	11,807,530	599,787	0.0508	0.9492	69.86
15.5	10,224,651	42,419	0.0041	0.9959	66.31
16.5	8,898,446	313,324	0.0352	0.9648	66.04
17.5	7,378,230	133,883	0.0181	0.9819	63.72
18.5	6,568,145	293,503	0.0447	0.9553	62.57
19.5	5,579,887	117,533	0.0211	0.9789	59.77
20.5	4,768,177	171,120	0.0359	0.9641	58.51
21.5	4,204,334	11,065	0.0026	0.9974	56.41
22.5	3,677,978	55,330	0.0150	0.9850	56.26
23.5	2,962,824	19,078	0.0064	0.9936	55.42
24.5	2,350,593	4,740	0.0020	0.9980	55.07
25.5	2,240,854	23,425	0.0105	0.9895	54.96
26.5	2,184,749	52,225	0.0239	0.9761	54.38
27.5	2,116,362	24,921	0.0118	0.9882	53.08
28.5	2,018,293	152,734	0.0757	0.9243	52.45
29.5	1,760,617	18,697	0.0106	0.9894	48.48
30.5	1,591,468	17,813	0.0112	0.9888	47.97
31.5	1,524,046	179	0.0001	0.9999	47.43
32.5	1,172,093	35,543	0.0303	0.9697	47.43
33.5	1,132,009	15,075	0.0133	0.9867	45.99
34.5	976,486	20,372	0.0209	0.9791	45.38
35.5	879,021	2,591	0.0029	0.9971	44.43
36.5	835,243	1,598	0.0019	0.9981	44.30
37.5	769,670	2,748	0.0036	0.9964	44.22
38.5	697,145		0.0000	1.0000	44.06

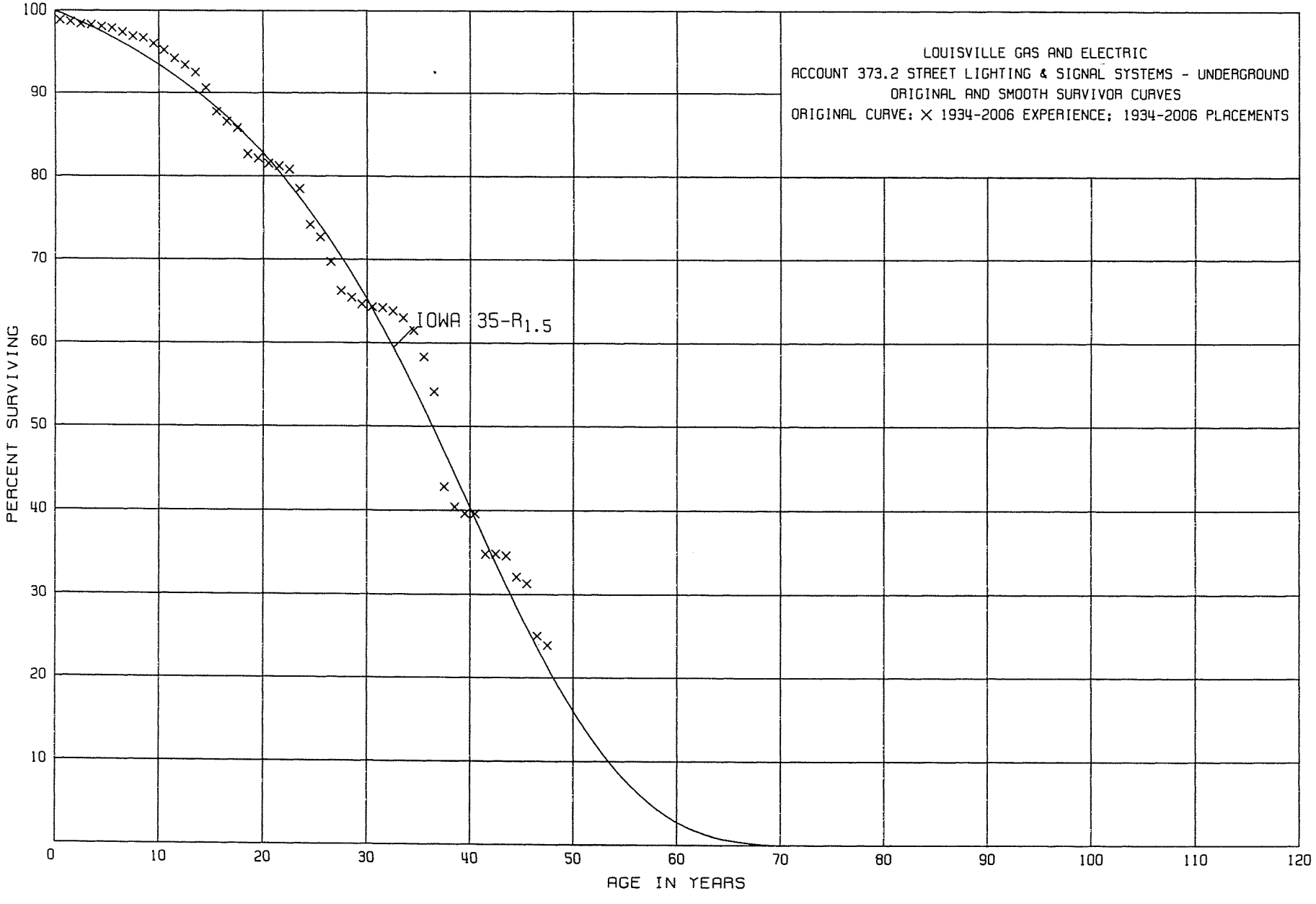
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 373.1 STREET LIGHTING & SIGNAL SYSTEMS - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1934-2006

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	462,277		0.0000	1.0000	44.06
40.5	461,604	3,912	0.0085	0.9915	44.06
41.5	440,083		0.0000	1.0000	43.69
42.5	398,403		0.0000	1.0000	43.69
43.5	389,263		0.0000	1.0000	43.69
44.5	349,526		0.0000	1.0000	43.69
45.5	202,999		0.0000	1.0000	43.69
46.5	152,123		0.0000	1.0000	43.69
47.5	130,869	11,594	0.0886	0.9114	43.69
48.5	109,967		0.0000	1.0000	39.82
49.5	101,286		0.0000	1.0000	39.82
50.5	99,021		0.0000	1.0000	39.82
51.5	94,235	13,801	0.1465	0.8535	39.82
52.5	78,259	4,182	0.0534	0.9466	33.99
53.5	70,463	3,797	0.0539	0.9461	32.17
54.5	66,190	9,887	0.1494	0.8506	30.44
55.5	51,706	5,959	0.1152	0.8848	25.89
56.5	43,187	5,097	0.1180	0.8820	22.91
57.5	37,448		0.0000	1.0000	20.21
58.5	33,756		0.0000	1.0000	20.21
59.5	31,914		0.0000	1.0000	20.21
60.5	28,535	7,368	0.2582	0.7418	20.21
61.5	20,016		0.0000	1.0000	14.99
62.5	19,877		0.0000	1.0000	14.99
63.5	19,756		0.0000	1.0000	14.99
64.5	16,765		0.0000	1.0000	14.99
65.5	14,278		0.0000	1.0000	14.99
66.5	14,032		0.0000	1.0000	14.99
67.5	13,483		0.0000	1.0000	14.99
68.5	11,203		0.0000	1.0000	14.99
69.5	7,675		0.0000	1.0000	14.99
70.5	6,148		0.0000	1.0000	14.99
71.5	5,606		0.0000	1.0000	14.99
72.5					14.99


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 373.2 STREET LIGHTING & SIGNAL SYSTEMS - UNDERGROUND
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-2006 PLACEMENTS
IOWA 35-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 373.2 STREET LIGHTING & SIGNAL SYSTEMS - UNDERGROUND

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1934-2006

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	44,820,777	484,393	0.0108	0.9892	100.00
0.5	45,085,886	92,838	0.0021	0.9979	98.92
1.5	40,924,376	122,138	0.0030	0.9970	98.71
2.5	38,684,814	62,319	0.0016	0.9984	98.41
3.5	35,786,367	60,847	0.0017	0.9983	98.25
4.5	31,697,651	42,926	0.0014	0.9986	98.08
5.5	29,334,738	173,514	0.0059	0.9941	97.94
6.5	27,382,011	135,692	0.0050	0.9950	97.36
7.5	26,226,801	61,088	0.0023	0.9977	96.87
8.5	25,463,073	178,066	0.0070	0.9930	96.65
9.5	22,481,586	176,280	0.0078	0.9922	95.97
10.5	19,604,107	208,374	0.0106	0.9894	95.22
11.5	17,838,834	151,086	0.0085	0.9915	94.21
12.5	16,023,996	152,058	0.0095	0.9905	93.41
13.5	13,340,136	283,772	0.0213	0.9787	92.52
14.5	12,056,406	383,401	0.0318	0.9682	90.55
15.5	9,537,736	129,859	0.0136	0.9864	87.67
16.5	7,827,261	70,401	0.0090	0.9910	86.48
17.5	6,872,998	246,822	0.0359	0.9641	85.70
18.5	6,072,910	39,973	0.0066	0.9934	82.62
19.5	5,490,756	35,610	0.0065	0.9935	82.07
20.5	5,022,195	21,373	0.0043	0.9957	81.54
21.5	4,847,945	25,838	0.0053	0.9947	81.19
22.5	4,613,785	130,506	0.0283	0.9717	80.76
23.5	4,207,349	229,477	0.0545	0.9455	78.47
24.5	3,741,192	76,167	0.0204	0.9796	74.19
25.5	3,430,289	139,254	0.0406	0.9594	72.68
26.5	3,184,760	161,492	0.0507	0.9493	69.73
27.5	2,815,582	34,591	0.0123	0.9877	66.19
28.5	2,558,696	28,955	0.0113	0.9887	65.38
29.5	2,112,077	11,628	0.0055	0.9945	64.64
30.5	1,807,840	3,749	0.0021	0.9979	64.28
31.5	1,729,913	9,906	0.0057	0.9943	64.15
32.5	1,546,428	19,949	0.0129	0.9871	63.78
33.5	1,363,659	32,070	0.0235	0.9765	62.96
34.5	1,146,735	59,635	0.0520	0.9480	61.48
35.5	853,949	61,822	0.0724	0.9276	58.28
36.5	705,146	146,635	0.2079	0.7921	54.06
37.5	542,331	30,717	0.0566	0.9434	42.82
38.5	501,452	9,380	0.0187	0.9813	40.40

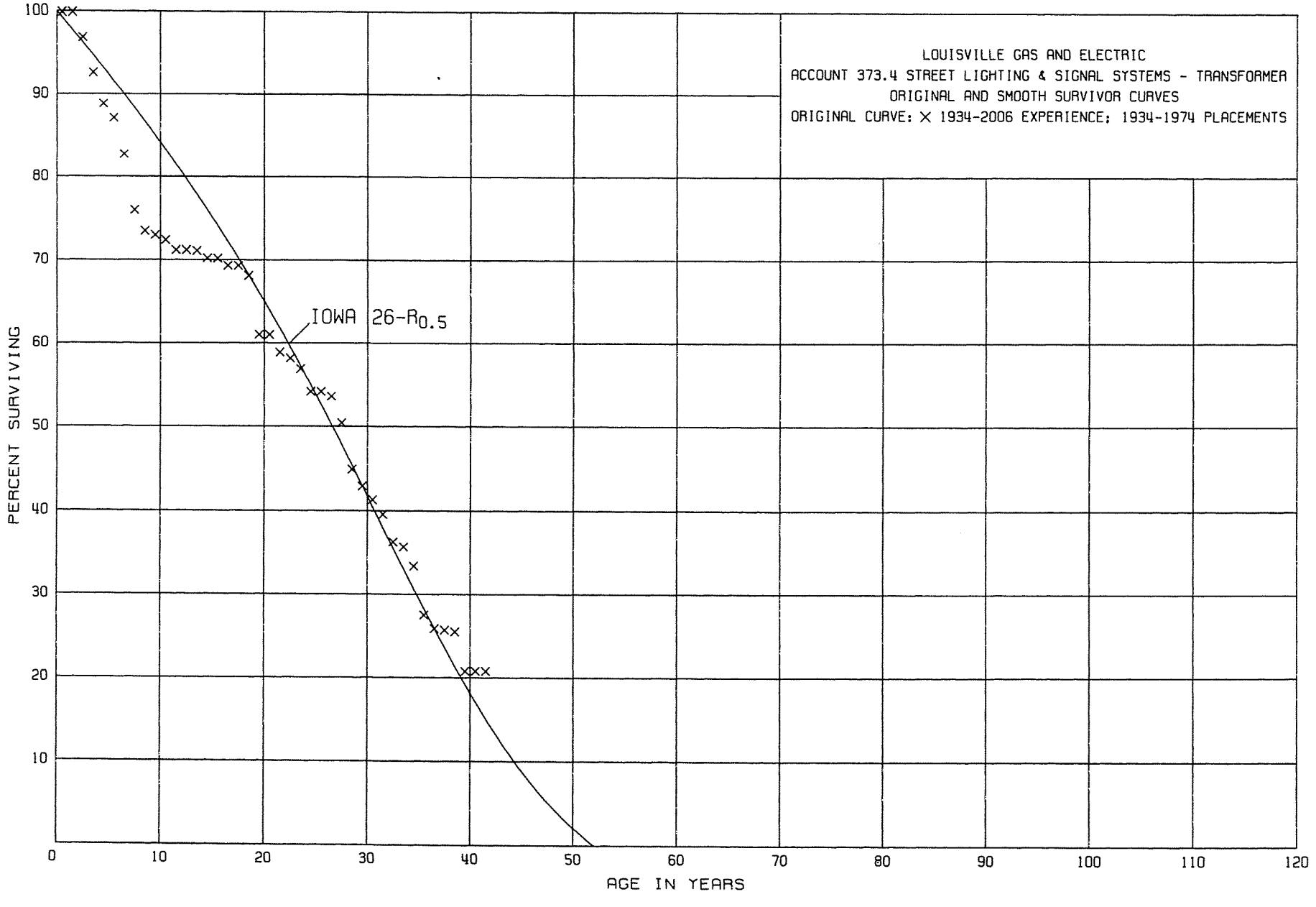
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 373.2 STREET LIGHTING & SIGNAL SYSTEMS - UNDERGROUND

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-2006 EXPERIENCE BAND 1934-2006

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	464,942		0.0000	1.0000	39.64
40.5	448,030	54,684	0.1221	0.8779	39.64
41.5	390,476		0.0000	1.0000	34.80
42.5	380,743	2,572	0.0068	0.9932	34.80
43.5	366,568	26,022	0.0710	0.9290	34.56
44.5	323,098	8,163	0.0253	0.9747	32.11
45.5	308,240	62,165	0.2017	0.7983	31.30
46.5	236,254	10,222	0.0433	0.9567	24.99
47.5	215,603		0.0000	1.0000	23.91
48.5	208,237		0.0000	1.0000	23.91
49.5	201,089		0.0000	1.0000	23.91
50.5	199,356		0.0000	1.0000	23.91
51.5	198,996	2,659	0.0134	0.9866	23.91
52.5	194,423		0.0000	1.0000	23.59
53.5	189,865	9,835	0.0518	0.9482	23.59
54.5	172,697	8,811	0.0510	0.9490	22.37
55.5	160,241	2,033	0.0127	0.9873	21.23
56.5	154,296	21,186	0.1373	0.8627	20.96
57.5	120,994	7,329	0.0606	0.9394	18.08
58.5	110,876	986	0.0089	0.9911	16.98
59.5	107,747	5,093	0.0473	0.9527	16.83
60.5	101,862	65,249	0.6406	0.3594	16.03
61.5	33,765		0.0000	1.0000	5.76
62.5	33,765		0.0000	1.0000	5.76
63.5	32,503		0.0000	1.0000	5.76
64.5	31,469		0.0000	1.0000	5.76
65.5	29,650		0.0000	1.0000	5.76
66.5	27,679		0.0000	1.0000	5.76
67.5	26,595		0.0000	1.0000	5.76
68.5	18,387		0.0000	1.0000	5.76
69.5	10,793		0.0000	1.0000	5.76
70.5	10,681		0.0000	1.0000	5.76
71.5	4,925		0.0000	1.0000	5.76
72.5					5.76


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 373.4 STREET LIGHTING & SIGNAL SYSTEMS - TRANSFORMER
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1934-2006 EXPERIENCE; 1934-1974 PLACEMENTS
IOWA 26-R0.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 373.4 STREET LIGHTING & SIGNAL SYSTEMS - TRANSFORMER

ORIGINAL LIFE TABLE

PLACEMENT BAND 1934-1974 EXPERIENCE BAND 1934-2006

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	356,809	169	0.0005	0.9995	100.00
0.5	393,574	121	0.0003	0.9997	99.95
1.5	393,453	12,030	0.0306	0.9694	99.92
2.5	381,423	16,675	0.0437	0.9563	96.86
3.5	364,748	14,924	0.0409	0.9591	92.63
4.5	349,824	7,013	0.0200	0.9800	88.84
5.5	342,811	17,207	0.0502	0.9498	87.06
6.5	325,604	26,416	0.0811	0.9189	82.69
7.5	299,188	9,958	0.0333	0.9667	75.98
8.5	289,230	1,618	0.0056	0.9944	73.45
9.5	287,612	2,405	0.0084	0.9916	73.04
10.5	285,207	4,948	0.0173	0.9827	72.43
11.5	280,259	57	0.0002	0.9998	71.18
12.5	280,202	183	0.0007	0.9993	71.17
13.5	280,019	3,590	0.0128	0.9872	71.12
14.5	276,429	172	0.0006	0.9994	70.21
15.5	276,257	3,441	0.0125	0.9875	70.17
16.5	272,816		0.0000	1.0000	69.29
17.5	272,816	4,779	0.0175	0.9825	69.29
18.5	268,037	27,712	0.1034	0.8966	68.08
19.5	240,325	175	0.0007	0.9993	61.04
20.5	240,150	8,138	0.0339	0.9661	61.00
21.5	232,012	3,049	0.0131	0.9869	58.93
22.5	228,963	4,801	0.0210	0.9790	58.16
23.5	224,162	10,922	0.0487	0.9513	56.94
24.5	213,240		0.0000	1.0000	54.17
25.5	213,240	2,355	0.0110	0.9890	54.17
26.5	210,885	12,680	0.0601	0.9399	53.57
27.5	198,205	21,414	0.1080	0.8920	50.35
28.5	176,791	8,111	0.0459	0.9541	44.91
29.5	168,680	5,991	0.0355	0.9645	42.85
30.5	162,689	6,969	0.0428	0.9572	41.33
31.5	155,720	12,731	0.0818	0.9182	39.56
32.5	141,402	2,574	0.0182	0.9818	36.32
33.5	138,708	8,931	0.0644	0.9356	35.66
34.5	126,853	22,413	0.1767	0.8233	33.36
35.5	103,214	5,867	0.0568	0.9432	27.47
36.5	87,696	806	0.0092	0.9908	25.91
37.5	83,645	410	0.0049	0.9951	25.67
38.5	78,483	14,442	0.1840	0.8160	25.54

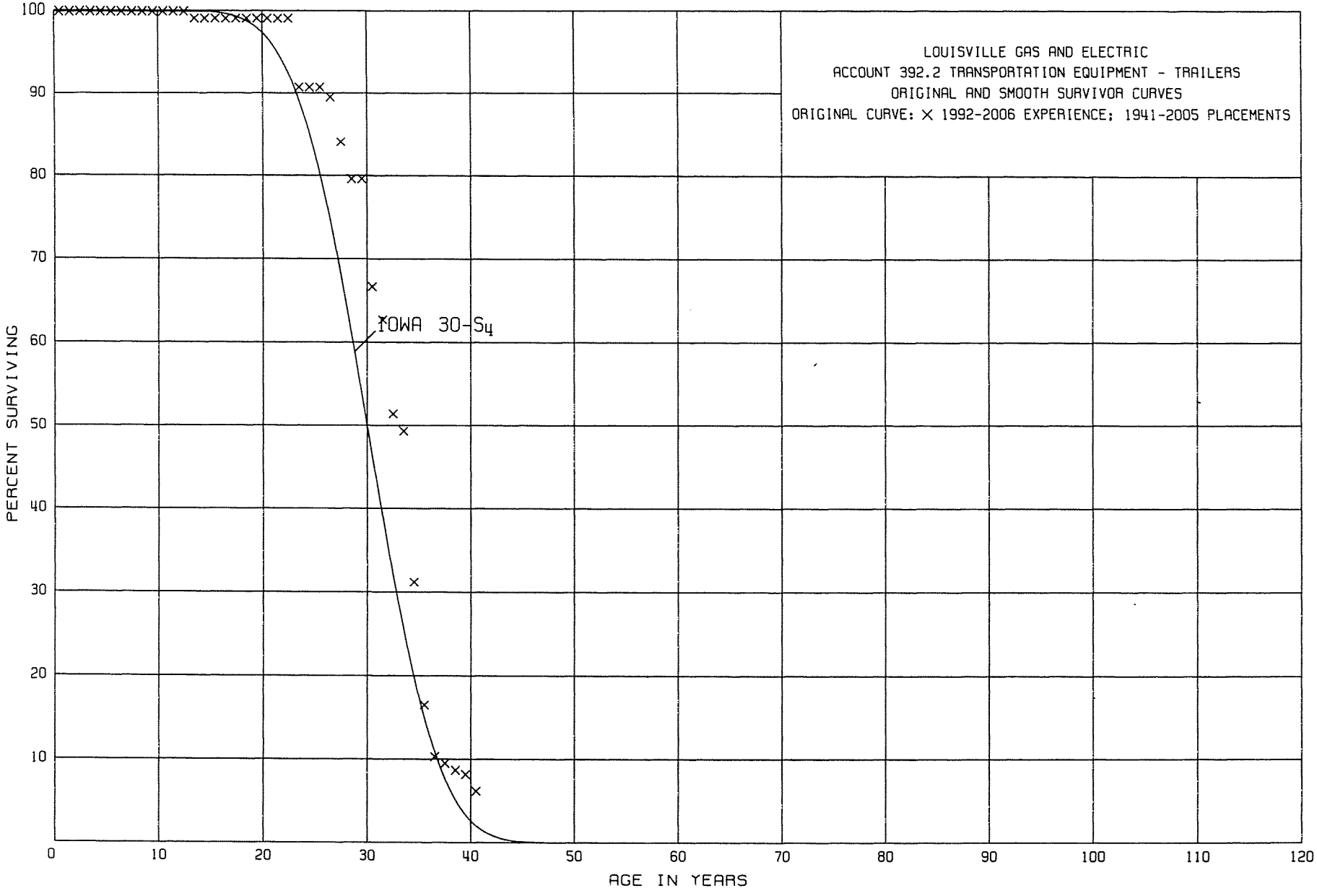
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 373.4 STREET LIGHTING & SIGNAL SYSTEMS - TRANSFORMER

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1934-1974 EXPERIENCE BAND 1934-2006

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	58,734		0.0000	1.0000	20.84
40.5	54,448		0.0000	1.0000	20.84
41.5	53,012		0.0000	1.0000	20.84
42.5	44,063		0.0000	1.0000	20.84
43.5	44,063		0.0000	1.0000	20.84
44.5	39,710		0.0000	1.0000	20.84
45.5	33,219		0.0000	1.0000	20.84
46.5	29,225		0.0000	1.0000	20.84
47.5	28,876		0.0000	1.0000	20.84
48.5	27,573		0.0000	1.0000	20.84
49.5	23,756		0.0000	1.0000	20.84
50.5	19,316		0.0000	1.0000	20.84
51.5	19,276		0.0000	1.0000	20.84
52.5	18,413		0.0000	1.0000	20.84
53.5	17,581		0.0000	1.0000	20.84
54.5	17,287		0.0000	1.0000	20.84
55.5	15,495		0.0000	1.0000	20.84
56.5	13,419		0.0000	1.0000	20.84
57.5	13,341		0.0000	1.0000	20.84
58.5	11,612		0.0000	1.0000	20.84
59.5	7,407		0.0000	1.0000	20.84
60.5	7,407		0.0000	1.0000	20.84
61.5	7,203		0.0000	1.0000	20.84
62.5	4,990		0.0000	1.0000	20.84
63.5	1,804		0.0000	1.0000	20.84
64.5	1,552		0.0000	1.0000	20.84
65.5					20.84


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1992-2006 EXPERIENCE; 1941-2005 PLACEMENTS
IOWA 30-S4
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2005 EXPERIENCE BAND 1992-2006

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	429,978		0.0000	1.0000	100.00
0.5	429,978		0.0000	1.0000	100.00
1.5	405,059		0.0000	1.0000	100.00
2.5	407,189		0.0000	1.0000	100.00
3.5	420,379		0.0000	1.0000	100.00
4.5	339,288		0.0000	1.0000	100.00
5.5	367,253		0.0000	1.0000	100.00
6.5	391,713		0.0000	1.0000	100.00
7.5	380,930		0.0000	1.0000	100.00
8.5	380,930		0.0000	1.0000	100.00
9.5	266,384		0.0000	1.0000	100.00
10.5	259,475		0.0000	1.0000	100.00
11.5	264,294		0.0000	1.0000	100.00
12.5	258,840	2,418	0.0093	0.9907	100.00
13.5	229,373		0.0000	1.0000	99.07
14.5	133,343		0.0000	1.0000	99.07
15.5	124,476		0.0000	1.0000	99.07
16.5	127,932		0.0000	1.0000	99.07
17.5	125,334		0.0000	1.0000	99.07
18.5	133,713		0.0000	1.0000	99.07
19.5	108,584		0.0000	1.0000	99.07
20.5	83,929		0.0000	1.0000	99.07
21.5	68,010		0.0000	1.0000	99.07
22.5	75,972	6,391	0.0841	0.9159	99.07
23.5	69,581		0.0000	1.0000	90.74
24.5	70,703		0.0000	1.0000	90.74
25.5	59,880	800	0.0134	0.9866	90.74
26.5	61,479	3,704	0.0602	0.9398	89.52
27.5	52,667	2,844	0.0540	0.9460	84.13
28.5	57,842		0.0000	1.0000	79.59
29.5	62,616	10,131	0.1618	0.8382	79.59
30.5	52,485	3,166	0.0603	0.9397	66.71
31.5	46,571	8,379	0.1799	0.8201	62.69
32.5	40,906	1,699	0.0415	0.9585	51.41
33.5	41,171	15,084	0.3664	0.6336	49.28
34.5	26,421	12,469	0.4719	0.5281	31.22
35.5	18,059	6,746	0.3736	0.6264	16.49
36.5	13,115	1,009	0.0769	0.9231	10.33
37.5	13,115	1,122	0.0856	0.9144	9.54
38.5	11,994	705	0.0588	0.9412	8.72

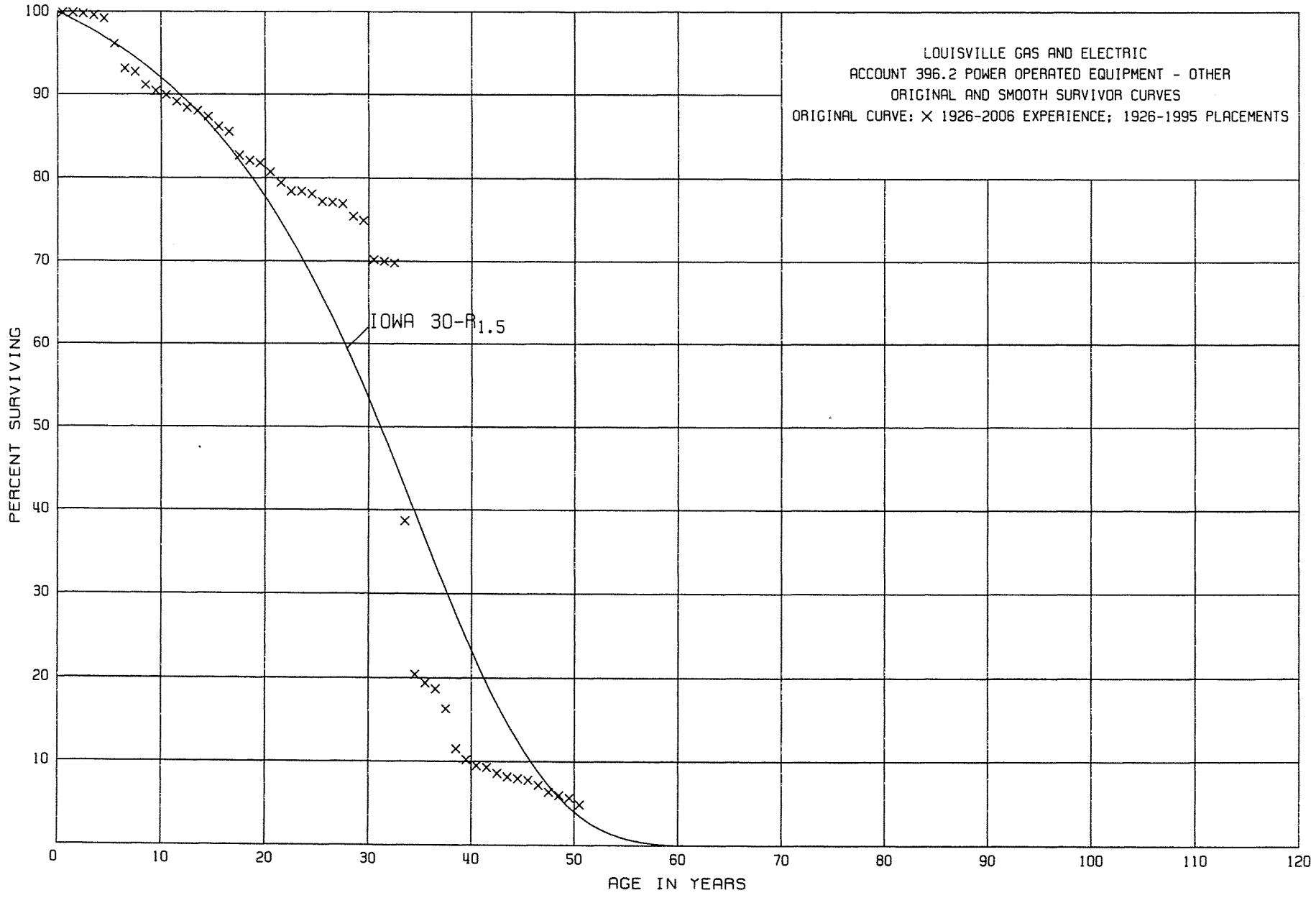
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2005 EXPERIENCE BAND 1992-2006

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	11,994	2,965	0.2472	0.7528	8.21
40.5	11,194	3,563	0.3183	0.6817	6.18
41.5	7,756		0.0000	1.0000	4.21
42.5	6,929	115	0.0166	0.9834	4.21
43.5	6,188		0.0000	1.0000	4.14
44.5	6,730		0.0000	1.0000	4.14
45.5	4,401	905	0.2056	0.7944	4.14
46.5	2,586		0.0000	1.0000	3.29
47.5	2,586	343	0.1326	0.8674	3.29
48.5	2,244		0.0000	1.0000	2.85
49.5	2,244	1,701	0.7580	0.2420	2.85
50.5	543		0.0000	1.0000	0.69
51.5	738		0.0000	1.0000	0.69
52.5	738		0.0000	1.0000	0.69
53.5	738		0.0000	1.0000	0.69
54.5	738		0.0000	1.0000	0.69
55.5	738		0.0000	1.0000	0.69
56.5	738		0.0000	1.0000	0.69
57.5	738	543	0.7358	0.2642	0.69
58.5	195		0.0000	1.0000	0.18
59.5	195		0.0000	1.0000	0.18
60.5	195		0.0000	1.0000	0.18
61.5	195		0.0000	1.0000	0.18
62.5	195		0.0000	1.0000	0.18
63.5	195		0.0000	1.0000	0.18
64.5	195	195	1.0000	0.0000	0.18
65.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1926-2006 EXPERIENCE; 1926-1995 PLACEMENTS
IOWA 30-R1.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-1995 EXPERIENCE BAND 1926-2006

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	295,820		0.0000	1.0000	100.00
0.5	295,820	437	0.0015	0.9985	100.00
1.5	295,383	66	0.0002	0.9998	99.85
2.5	295,317	787	0.0027	0.9973	99.83
3.5	294,530	1,022	0.0035	0.9965	99.56
4.5	293,508	9,084	0.0309	0.9691	99.21
5.5	284,424	8,979	0.0316	0.9684	96.14
6.5	275,445	1,263	0.0046	0.9954	93.10
7.5	273,198	4,548	0.0166	0.9834	92.67
8.5	268,650	2,222	0.0083	0.9917	91.13
9.5	266,428	1,323	0.0050	0.9950	90.37
10.5	265,105	2,423	0.0091	0.9909	89.92
11.5	260,592	2,106	0.0081	0.9919	89.10
12.5	258,486	1,191	0.0046	0.9954	88.38
13.5	238,915	1,875	0.0078	0.9922	87.97
14.5	214,910	2,886	0.0134	0.9866	87.28
15.5	207,985	1,563	0.0075	0.9925	86.11
16.5	206,422	6,676	0.0323	0.9677	85.46
17.5	199,746	1,575	0.0079	0.9921	82.70
18.5	198,171	514	0.0026	0.9974	82.05
19.5	197,657	2,678	0.0135	0.9865	81.84
20.5	194,979	3,352	0.0172	0.9828	80.74
21.5	191,627	2,219	0.0116	0.9884	79.35
22.5	189,408		0.0000	1.0000	78.43
23.5	189,408	856	0.0045	0.9955	78.43
24.5	187,652	2,117	0.0113	0.9887	78.08
25.5	184,962	340	0.0018	0.9982	77.20
26.5	186,095	301	0.0016	0.9984	77.06
27.5	183,577	3,787	0.0206	0.9794	76.94
28.5	179,790	1,000	0.0056	0.9944	75.36
29.5	177,973	11,180	0.0628	0.9372	74.94
30.5	166,793	577	0.0035	0.9965	70.23
31.5	165,392	533	0.0032	0.9968	69.98
32.5	164,288	73,060	0.4447	0.5553	69.76
33.5	91,228	43,249	0.4741	0.5259	38.74
34.5	47,979	2,394	0.0499	0.9501	20.37
35.5	45,585	1,633	0.0358	0.9642	19.35
36.5	43,952	5,456	0.1241	0.8759	18.66
37.5	38,496	11,525	0.2994	0.7006	16.34
38.5	26,971	2,968	0.1100	0.8900	11.45

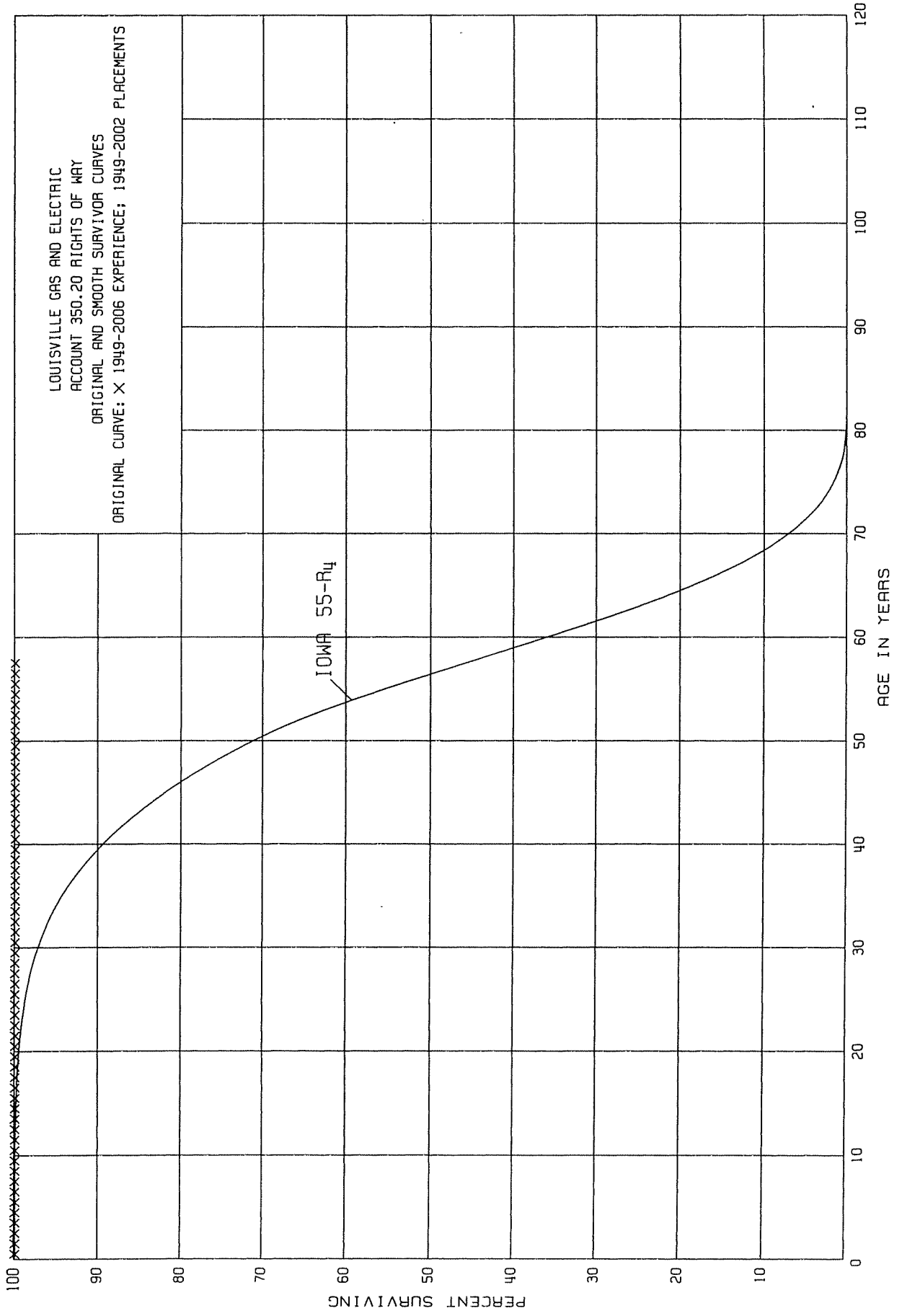
LOUISVILLE GAS AND ELECTRIC
ELECTRIC PLANT

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-1995 EXPERIENCE BAND 1926-2006

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	24,003	1,732	0.0722	0.9278	10.19
40.5	22,271	274	0.0123	0.9877	9.45
41.5	21,997	1,768	0.0804	0.9196	9.33
42.5	20,229	982	0.0485	0.9515	8.58
43.5	19,247	493	0.0256	0.9744	8.16
44.5	18,754	300	0.0160	0.9840	7.95
45.5	18,454	1,582	0.0857	0.9143	7.82
46.5	16,872	1,697	0.1006	0.8994	7.15
47.5	15,175	1,014	0.0668	0.9332	6.43
48.5	14,161	713	0.0503	0.9497	6.00
49.5	13,448	1,881	0.1399	0.8601	5.70
50.5	11,567		0.0000	1.0000	4.90
51.5	11,567	217	0.0188	0.9812	4.90
52.5	11,350	1,753	0.1544	0.8456	4.81
53.5	9,597		0.0000	1.0000	4.07
54.5	9,597	1,215	0.1266	0.8734	4.07
55.5	8,382	892	0.1064	0.8936	3.55
56.5	7,490	566	0.0756	0.9244	3.17
57.5	6,924	1,066	0.1540	0.8460	2.93
58.5	5,858	2,666	0.4551	0.5449	2.48
59.5	3,192		0.0000	1.0000	1.35
60.5	3,192		0.0000	1.0000	1.35
61.5	3,192		0.0000	1.0000	1.35
62.5	3,192		0.0000	1.0000	1.35
63.5	3,192	599	0.1877	0.8123	1.35
64.5	2,593		0.0000	1.0000	1.10
65.5	2,593	568	0.2191	0.7809	1.10
66.5	2,025		0.0000	1.0000	0.86
67.5	2,025		0.0000	1.0000	0.86
68.5	2,025		0.0000	1.0000	0.86
69.5	2,025	2,025	1.0000	0.0000	0.86
70.5					0.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 350.20 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1949-2006 EXPERIENCE; 1949-2002 PLACEMENTS
IOWA 55-R4
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 350.20 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1949-2002 EXPERIENCE BAND 1949-2006

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	63,678		0.0000	1.0000	100.00
0.5	63,678		0.0000	1.0000	100.00
1.5	63,678		0.0000	1.0000	100.00
2.5	63,678		0.0000	1.0000	100.00
3.5	63,678		0.0000	1.0000	100.00
4.5	60,021		0.0000	1.0000	100.00
5.5	17,099		0.0000	1.0000	100.00
6.5	17,099		0.0000	1.0000	100.00
7.5	17,099		0.0000	1.0000	100.00
8.5	17,099		0.0000	1.0000	100.00
9.5	17,099		0.0000	1.0000	100.00
10.5	17,099		0.0000	1.0000	100.00
11.5	17,099		0.0000	1.0000	100.00
12.5	17,099		0.0000	1.0000	100.00
13.5	17,099		0.0000	1.0000	100.00
14.5	17,099		0.0000	1.0000	100.00
15.5	17,099		0.0000	1.0000	100.00
16.5	2,325		0.0000	1.0000	100.00
17.5	2,325		0.0000	1.0000	100.00
18.5	2,325		0.0000	1.0000	100.00
19.5	2,325		0.0000	1.0000	100.00
20.5	2,325		0.0000	1.0000	100.00
21.5	2,325		0.0000	1.0000	100.00
22.5	2,325		0.0000	1.0000	100.00
23.5	2,325		0.0000	1.0000	100.00
24.5	2,325		0.0000	1.0000	100.00
25.5	2,325		0.0000	1.0000	100.00
26.5	2,325		0.0000	1.0000	100.00
27.5	2,325		0.0000	1.0000	100.00
28.5	2,325		0.0000	1.0000	100.00
29.5	2,325		0.0000	1.0000	100.00
30.5	2,325		0.0000	1.0000	100.00
31.5	2,325		0.0000	1.0000	100.00
32.5	2,325		0.0000	1.0000	100.00
33.5	2,325		0.0000	1.0000	100.00
34.5	2,325		0.0000	1.0000	100.00
35.5	2,325		0.0000	1.0000	100.00
36.5	2,325		0.0000	1.0000	100.00
37.5	2,325		0.0000	1.0000	100.00
38.5	2,325		0.0000	1.0000	100.00

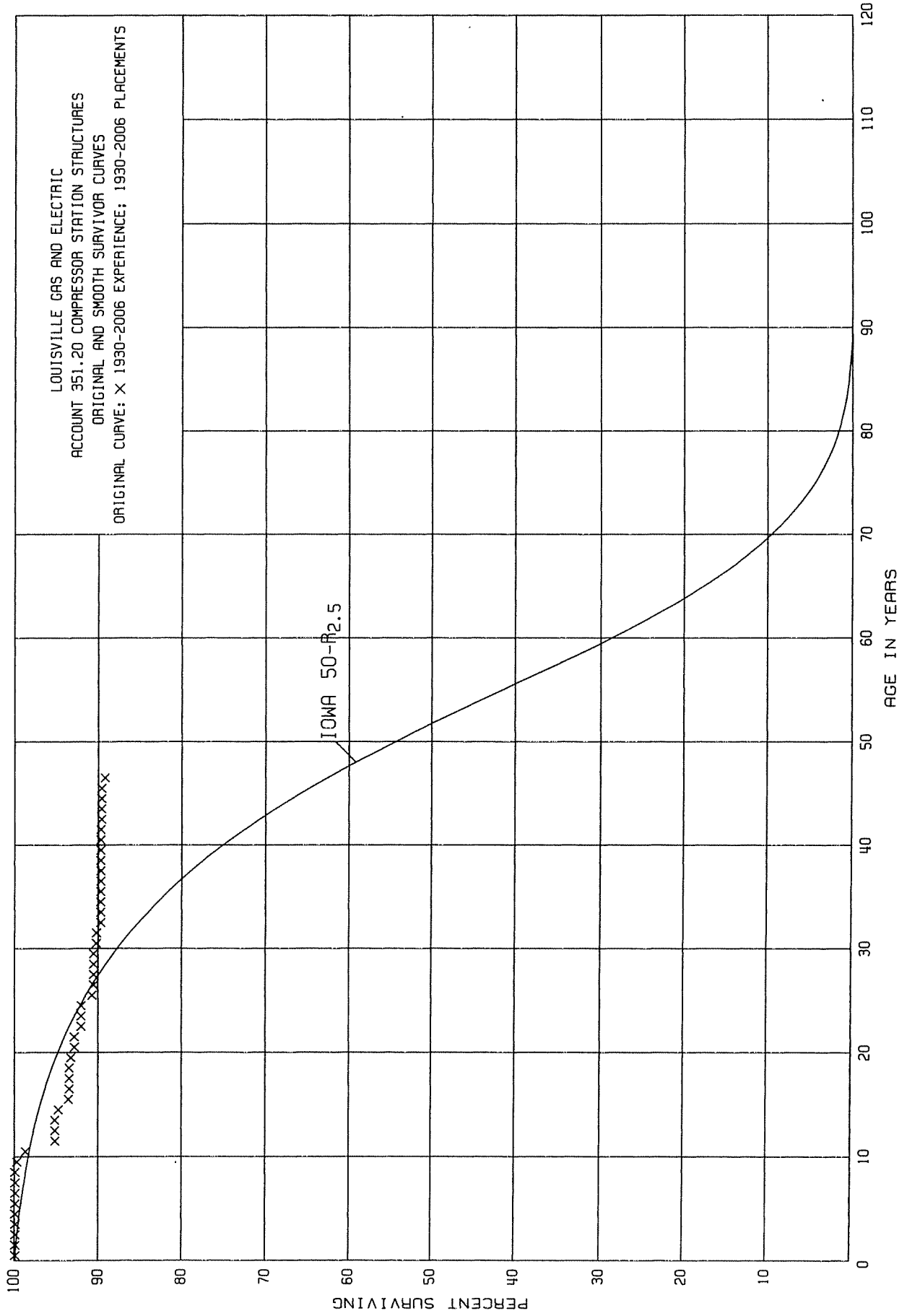
LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 350.20 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1949-2002 EXPERIENCE BAND 1949-2006

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	2,325		0.0000	1.0000	100.00
40.5	2,325		0.0000	1.0000	100.00
41.5	2,325		0.0000	1.0000	100.00
42.5	2,325		0.0000	1.0000	100.00
43.5	2,325		0.0000	1.0000	100.00
44.5	2,325		0.0000	1.0000	100.00
45.5	2,325		0.0000	1.0000	100.00
46.5	2,325		0.0000	1.0000	100.00
47.5	2,325		0.0000	1.0000	100.00
48.5	2,325		0.0000	1.0000	100.00
49.5	2,325		0.0000	1.0000	100.00
50.5	2,325		0.0000	1.0000	100.00
51.5	2,325		0.0000	1.0000	100.00
52.5	2,325		0.0000	1.0000	100.00
53.5	2,325		0.0000	1.0000	100.00
54.5	2,325		0.0000	1.0000	100.00
55.5	2,325		0.0000	1.0000	100.00
56.5	2,302		0.0000	1.0000	100.00
57.5					100.00


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 351.20 COMPRESSOR STATION STRUCTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1930-2006 EXPERIENCE; 1930-2006 PLACEMENTS
IOWA 50-R2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 351.20 COMPRESSOR STATION STRUCTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1930-2006 EXPERIENCE BAND 1930-2006

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	1,588,491		0.0000	1.0000	100.00
0.5	1,572,560	228	0.0001	0.9999	100.00
1.5	1,581,581	261	0.0002	0.9998	99.99
2.5	1,252,306		0.0000	1.0000	99.97
3.5	1,064,871		0.0000	1.0000	99.97
4.5	1,064,871	386	0.0004	0.9996	99.97
5.5	905,233		0.0000	1.0000	99.93
6.5	905,233	299	0.0003	0.9997	99.93
7.5	904,934		0.0000	1.0000	99.90
8.5	902,752	1,904	0.0021	0.9979	99.90
9.5	790,250	8,175	0.0103	0.9897	99.69
10.5	518,806	18,522	0.0357	0.9643	98.66
11.5	500,284		0.0000	1.0000	95.14
12.5	513,235		0.0000	1.0000	95.14
13.5	514,284	2,549	0.0050	0.9950	95.14
14.5	498,784	6,253	0.0125	0.9875	94.66
15.5	481,635	659	0.0014	0.9986	93.48
16.5	462,104		0.0000	1.0000	93.35
17.5	468,595		0.0000	1.0000	93.35
18.5	459,814	926	0.0020	0.9980	93.35
19.5	366,675	1,413	0.0039	0.9961	93.16
20.5	365,665		0.0000	1.0000	92.80
21.5	413,828	3,466	0.0084	0.9916	92.80
22.5	410,362		0.0000	1.0000	92.02
23.5	404,285		0.0000	1.0000	92.02
24.5	328,212	4,556	0.0139	0.9861	92.02
25.5	323,656	881	0.0027	0.9973	90.74
26.5	322,775		0.0000	1.0000	90.50
27.5	309,824	168	0.0005	0.9995	90.50
28.5	309,656		0.0000	1.0000	90.45
29.5	308,633	925	0.0030	0.9970	90.45
30.5	307,708		0.0000	1.0000	90.18
31.5	294,863	1,500	0.0051	0.9949	90.18
32.5	276,883		0.0000	1.0000	89.72
33.5	276,883		0.0000	1.0000	89.72
34.5	276,069		0.0000	1.0000	89.72
35.5	275,666		0.0000	1.0000	89.72
36.5	228,221		0.0000	1.0000	89.72
37.5	228,221		0.0000	1.0000	89.72
38.5	228,221		0.0000	1.0000	89.72

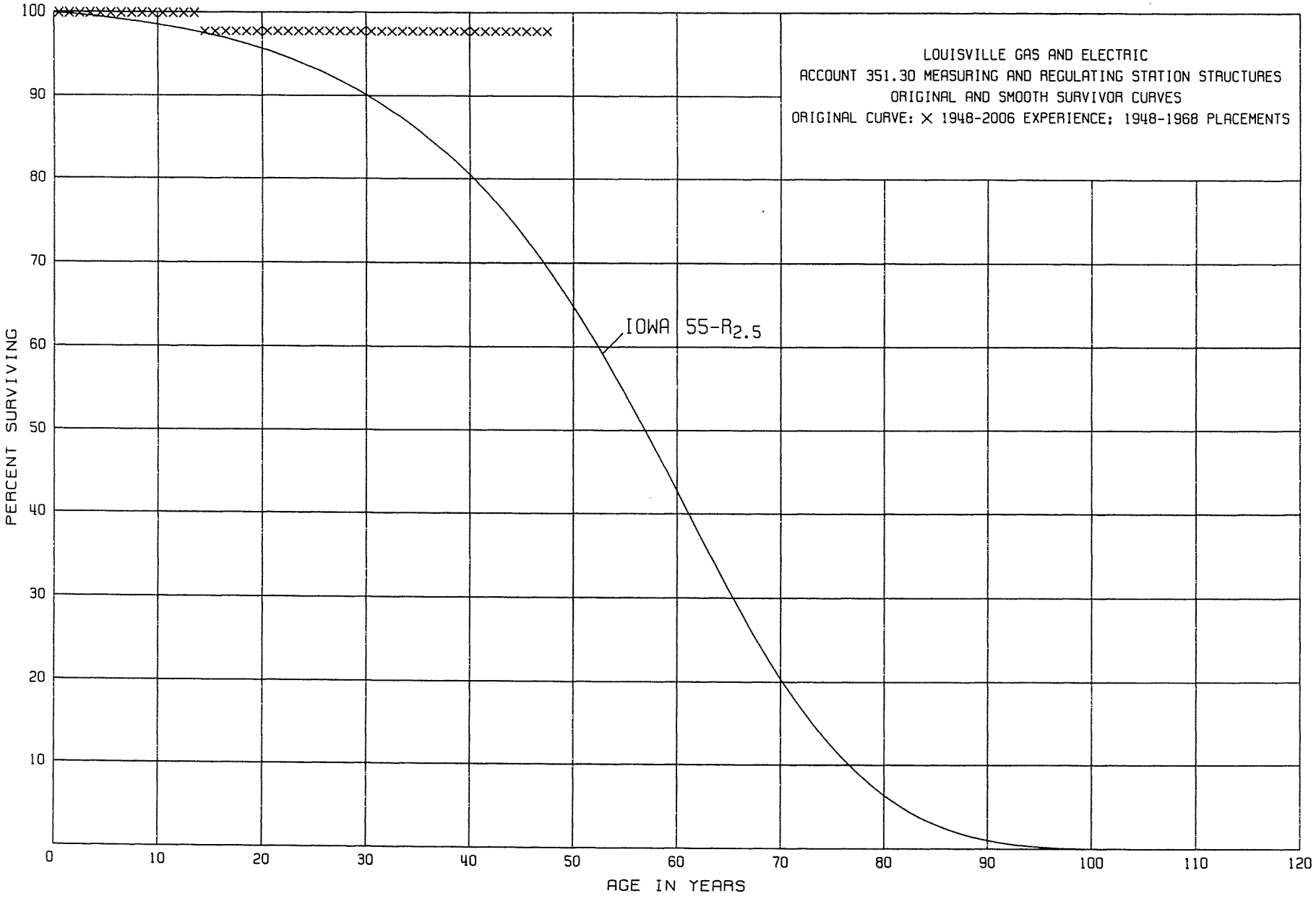
LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 351.20 COMPRESSOR STATION STRUCTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2006 EXPERIENCE BAND 1930-2006

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	228,221		0.0000	1.0000	89.72
40.5	228,221		0.0000	1.0000	89.72
41.5	228,221	366	0.0016	0.9984	89.72
42.5	183,994		0.0000	1.0000	89.58
43.5	182,475		0.0000	1.0000	89.58
44.5	135,564		0.0000	1.0000	89.58
45.5	135,564	546	0.0040	0.9960	89.58
46.5	134,173	200	0.0015	0.9985	89.22
47.5	65,605		0.0000	1.0000	89.09
48.5	62,159		0.0000	1.0000	89.09
49.5	62,159	1,384	0.0223	0.9777	89.09
50.5	59,392		0.0000	1.0000	87.10
51.5	59,392		0.0000	1.0000	87.10
52.5	59,392		0.0000	1.0000	87.10
53.5	54,927		0.0000	1.0000	87.10
54.5	33,023		0.0000	1.0000	87.10
55.5	32,493		0.0000	1.0000	87.10
56.5	32,493		0.0000	1.0000	87.10
57.5	17,704		0.0000	1.0000	87.10
58.5	17,704		0.0000	1.0000	87.10
59.5	15,825		0.0000	1.0000	87.10
60.5	15,825		0.0000	1.0000	87.10
61.5	15,825		0.0000	1.0000	87.10
62.5	12,110		0.0000	1.0000	87.10
63.5	12,110	1,529	0.1263	0.8737	87.10
64.5					76.10


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 351.30 MEASURING AND REGULATING STATION STRUCTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1948-2006 EXPERIENCE; 1948-1968 PLACEMENTS
IOWA 55-R2.5
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 351.30 MEASURING AND REGULATING STATION STRUCTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1948-1968 EXPERIENCE BAND 1948-2006

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	13,640		0.0000	1.0000	100.00
0.5	13,640		0.0000	1.0000	100.00
1.5	13,640		0.0000	1.0000	100.00
2.5	13,640		0.0000	1.0000	100.00
3.5	13,640		0.0000	1.0000	100.00
4.5	13,640		0.0000	1.0000	100.00
5.5	13,640		0.0000	1.0000	100.00
6.5	13,640		0.0000	1.0000	100.00
7.5	13,640		0.0000	1.0000	100.00
8.5	13,640		0.0000	1.0000	100.00
9.5	13,640		0.0000	1.0000	100.00
10.5	13,640		0.0000	1.0000	100.00
11.5	13,640		0.0000	1.0000	100.00
12.5	13,640		0.0000	1.0000	100.00
13.5	13,640	309	0.0227	0.9773	100.00
14.5	13,331		0.0000	1.0000	97.73
15.5	11,634		0.0000	1.0000	97.73
16.5	11,634		0.0000	1.0000	97.73
17.5	11,634		0.0000	1.0000	97.73
18.5	10,880		0.0000	1.0000	97.73
19.5	10,880		0.0000	1.0000	97.73
20.5	10,880		0.0000	1.0000	97.73
21.5	10,880		0.0000	1.0000	97.73
22.5	10,880		0.0000	1.0000	97.73
23.5	10,880		0.0000	1.0000	97.73
24.5	10,880		0.0000	1.0000	97.73
25.5	5,303		0.0000	1.0000	97.73
26.5	10,880		0.0000	1.0000	97.73
27.5	10,880		0.0000	1.0000	97.73
28.5	10,880		0.0000	1.0000	97.73
29.5	10,880		0.0000	1.0000	97.73
30.5	10,880		0.0000	1.0000	97.73
31.5	10,880		0.0000	1.0000	97.73
32.5	10,880		0.0000	1.0000	97.73
33.5	10,880		0.0000	1.0000	97.73
34.5	10,880		0.0000	1.0000	97.73
35.5	10,880		0.0000	1.0000	97.73
36.5	10,880		0.0000	1.0000	97.73
37.5	10,880		0.0000	1.0000	97.73
38.5	10,514		0.0000	1.0000	97.73

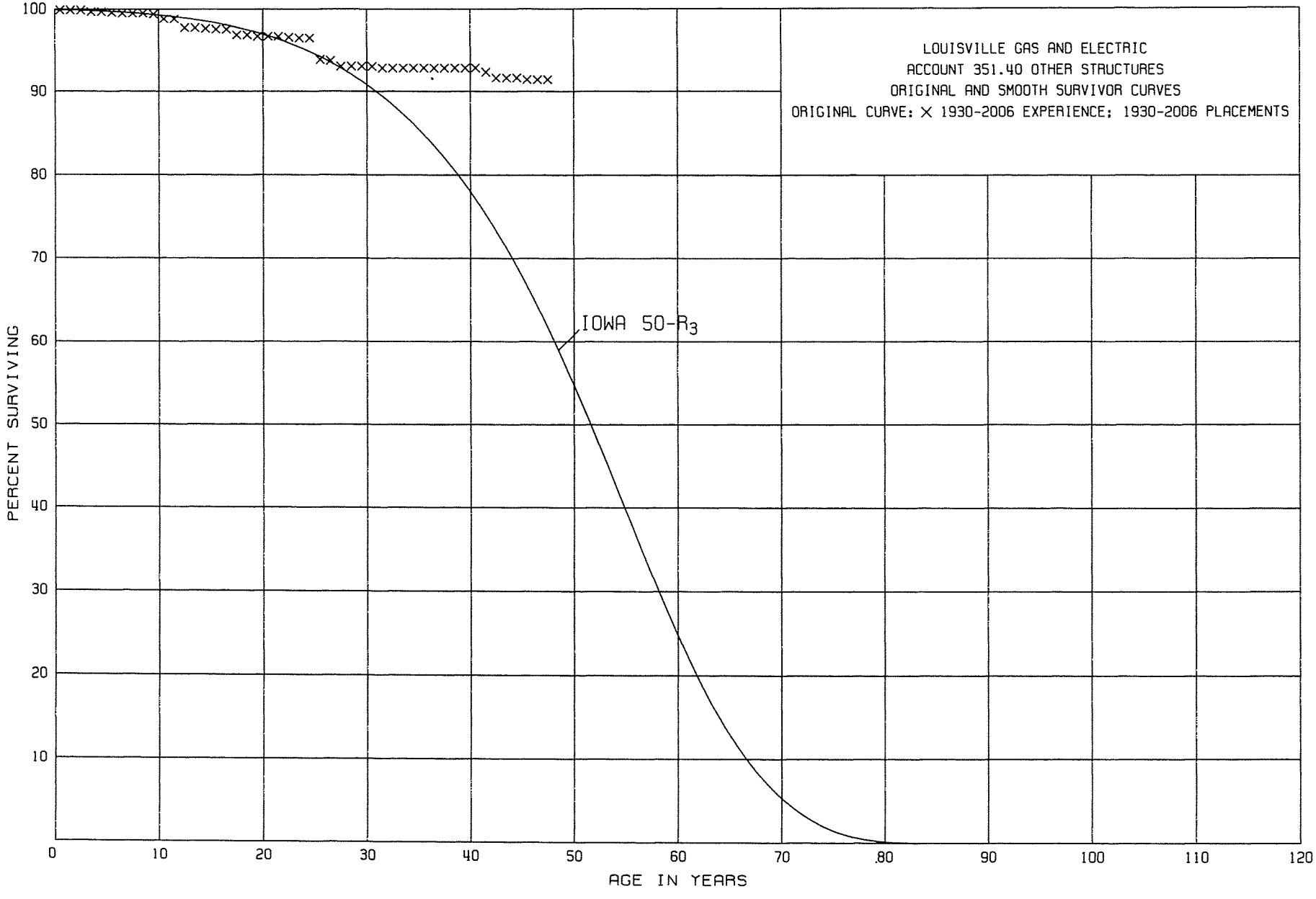
LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 351.30 MEASURING AND REGULATING STATION STRUCTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1948-1968 EXPERIENCE BAND 1948-2006

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	10,514		0.0000	1.0000	97.73
40.5	10,275		0.0000	1.0000	97.73
41.5	4,698		0.0000	1.0000	97.73
42.5	4,698		0.0000	1.0000	97.73
43.5	4,698		0.0000	1.0000	97.73
44.5	4,698		0.0000	1.0000	97.73
45.5	4,698		0.0000	1.0000	97.73
46.5	3,000		0.0000	1.0000	97.73
47.5					97.73


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 351.40 OTHER STRUCTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1930-2006 EXPERIENCE; 1930-2006 PLACEMENTS
IOWA 50-R3
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 351.40 OTHER STRUCTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1930-2006 EXPERIENCE BAND 1930-2006

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	1,264,517		0.0000	1.0000	100.00
0.5	1,251,964		0.0000	1.0000	100.00
1.5	1,267,410	499	0.0004	0.9996	100.00
2.5	1,222,592	2,848	0.0023	0.9977	99.96
3.5	1,288,026		0.0000	1.0000	99.73
4.5	1,142,445	2,089	0.0018	0.9982	99.73
5.5	1,132,117	450	0.0004	0.9996	99.55
6.5	837,011		0.0000	1.0000	99.51
7.5	832,424	365	0.0004	0.9996	99.51
8.5	790,005	635	0.0008	0.9992	99.47
9.5	789,056	4,885	0.0062	0.9938	99.39
10.5	744,257		0.0000	1.0000	98.77
11.5	744,257	7,953	0.0107	0.9893	98.77
12.5	732,039		0.0000	1.0000	97.71
13.5	679,296	1,070	0.0016	0.9984	97.71
14.5	664,251	210	0.0003	0.9997	97.55
15.5	665,738		0.0000	1.0000	97.52
16.5	643,296	5,000	0.0078	0.9922	97.52
17.5	632,598		0.0000	1.0000	96.76
18.5	531,382	975	0.0018	0.9982	96.76
19.5	509,901		0.0000	1.0000	96.59
20.5	506,437		0.0000	1.0000	96.59
21.5	467,825	559	0.0012	0.9988	96.59
22.5	466,741	156	0.0003	0.9997	96.47
23.5	483,061		0.0000	1.0000	96.44
24.5	494,085	13,601	0.0275	0.9725	96.44
25.5	481,116	400	0.0008	0.9992	93.79
26.5	445,458	3,223	0.0072	0.9928	93.71
27.5	447,233		0.0000	1.0000	93.04
28.5	444,925		0.0000	1.0000	93.04
29.5	443,102		0.0000	1.0000	93.04
30.5	438,223	925	0.0021	0.9979	93.04
31.5	437,298		0.0000	1.0000	92.84
32.5	414,856		0.0000	1.0000	92.84
33.5	414,856		0.0000	1.0000	92.84
34.5	413,345		0.0000	1.0000	92.84
35.5	413,073		0.0000	1.0000	92.84
36.5	393,288		0.0000	1.0000	92.84
37.5	376,905		0.0000	1.0000	92.84
38.5	330,457	132	0.0004	0.9996	92.84

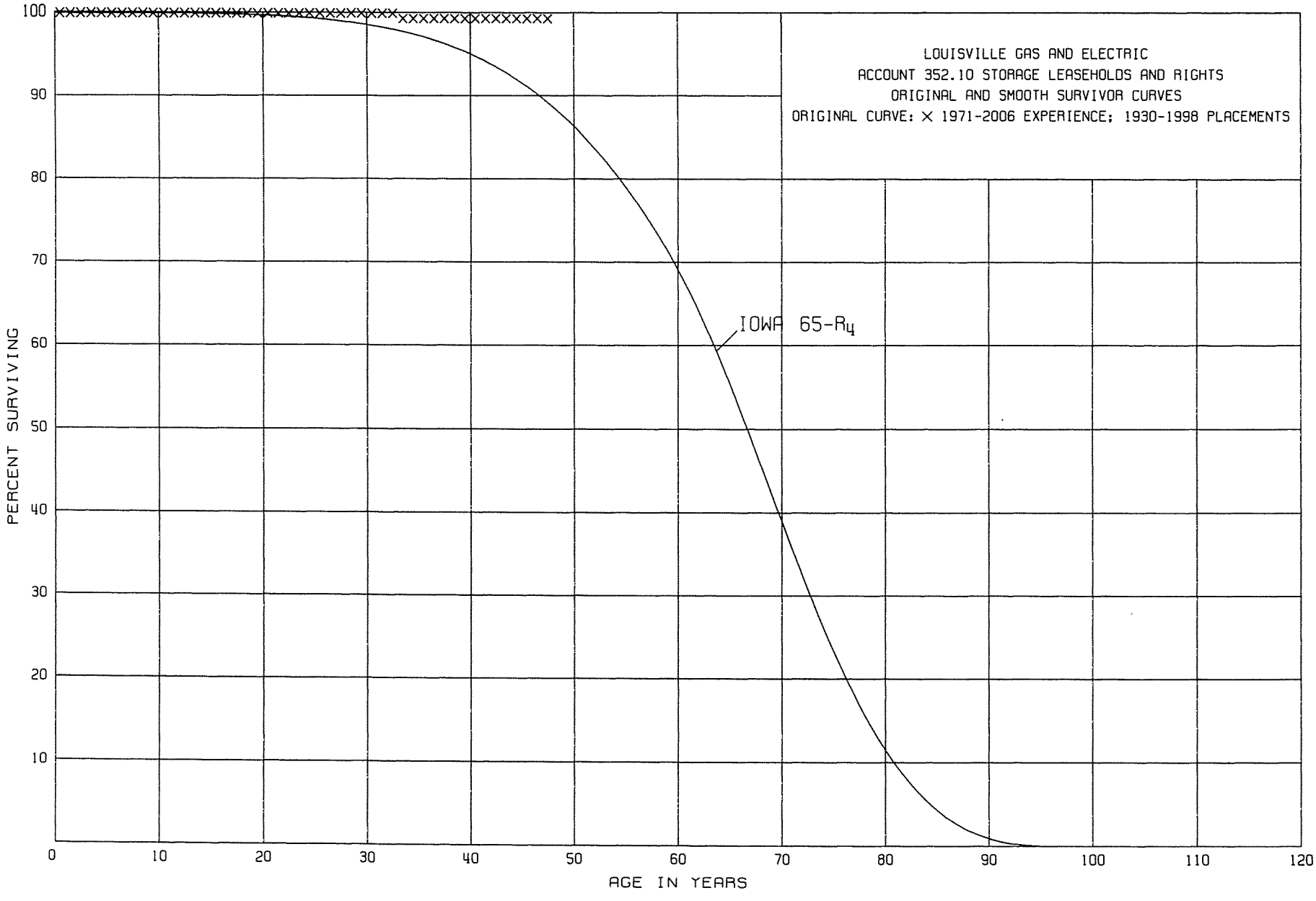
LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 351.40 OTHER STRUCTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2006 EXPERIENCE BAND 1930-2006

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	302,582		0.0000	1.0000	92.80
40.5	298,541	1,633	0.0055	0.9945	92.80
41.5	291,043	2,234	0.0077	0.9923	92.29
42.5	228,537		0.0000	1.0000	91.58
43.5	227,097		0.0000	1.0000	91.58
44.5	217,643	382	0.0018	0.9982	91.58
45.5	206,868		0.0000	1.0000	91.42
46.5	206,868		0.0000	1.0000	91.42
47.5	26,019		0.0000	1.0000	91.42
48.5	26,019		0.0000	1.0000	91.42
49.5	26,019	2,000	0.0769	0.9231	91.42
50.5	24,019		0.0000	1.0000	84.39
51.5	24,019		0.0000	1.0000	84.39
52.5	13,968		0.0000	1.0000	84.39
53.5	9,023		0.0000	1.0000	84.39
54.5	8,258		0.0000	1.0000	84.39
55.5	6,561		0.0000	1.0000	84.39
56.5	6,561		0.0000	1.0000	84.39
57.5	6,561		0.0000	1.0000	84.39
58.5	5,807		0.0000	1.0000	84.39
59.5	5,761		0.0000	1.0000	84.39
60.5	5,761		0.0000	1.0000	84.39
61.5	5,761		0.0000	1.0000	84.39
62.5	5,761		0.0000	1.0000	84.39
63.5	5,761		0.0000	1.0000	84.39
64.5					84.39


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 352.10 STORAGE LEASEHOLDS AND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1971-2006 EXPERIENCE; 1930-1998 PLACEMENTS
IOWA 65-R4
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 352.10 STORAGE LEASEHOLDS AND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1930-1998 EXPERIENCE BAND 1971-2006

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	296,699		0.0000	1.0000	100.00
0.5	296,699		0.0000	1.0000	100.00
1.5	296,699		0.0000	1.0000	100.00
2.5	296,699		0.0000	1.0000	100.00
3.5	296,699		0.0000	1.0000	100.00
4.5	296,699		0.0000	1.0000	100.00
5.5	296,699		0.0000	1.0000	100.00
6.5	296,699		0.0000	1.0000	100.00
7.5	339,827		0.0000	1.0000	100.00
8.5	338,240		0.0000	1.0000	100.00
9.5	338,240		0.0000	1.0000	100.00
10.5	340,438		0.0000	1.0000	100.00
11.5	340,453		0.0000	1.0000	100.00
12.5	546,520		0.0000	1.0000	100.00
13.5	546,520		0.0000	1.0000	100.00
14.5	546,520		0.0000	1.0000	100.00
15.5	546,520		0.0000	1.0000	100.00
16.5	544,515		0.0000	1.0000	100.00
17.5	544,515		0.0000	1.0000	100.00
18.5	544,515		0.0000	1.0000	100.00
19.5	544,515		0.0000	1.0000	100.00
20.5	544,515		0.0000	1.0000	100.00
21.5	544,515		0.0000	1.0000	100.00
22.5	544,515		0.0000	1.0000	100.00
23.5	544,515		0.0000	1.0000	100.00
24.5	543,015		0.0000	1.0000	100.00
25.5	543,015		0.0000	1.0000	100.00
26.5	543,015		0.0000	1.0000	100.00
27.5	543,015		0.0000	1.0000	100.00
28.5	543,015		0.0000	1.0000	100.00
29.5	543,015		0.0000	1.0000	100.00
30.5	543,015		0.0000	1.0000	100.00
31.5	512,849		0.0000	1.0000	100.00
32.5	512,849	3,804	0.0074	0.9926	100.00
33.5	508,753		0.0000	1.0000	99.26
34.5	508,753		0.0000	1.0000	99.26
35.5	251,408		0.0000	1.0000	99.26
36.5	251,408		0.0000	1.0000	99.26
37.5	251,408		0.0000	1.0000	99.26
38.5	251,408		0.0000	1.0000	99.26

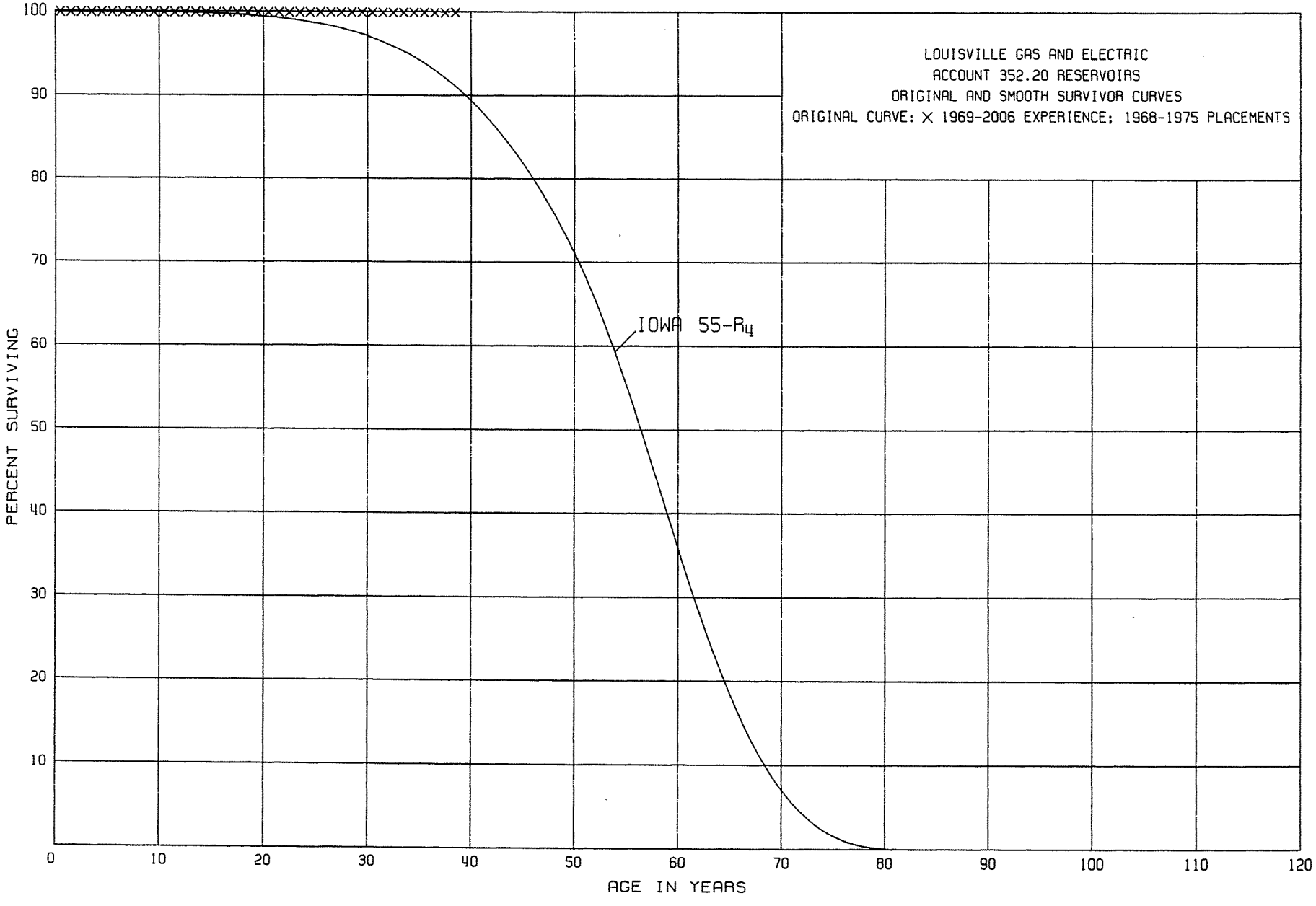
LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 352.10 STORAGE LEASEHOLDS AND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-1998 EXPERIENCE BAND 1971-2006

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	251,408		0.0000	1.0000	99.26
40.5	251,408		0.0000	1.0000	99.26
41.5	255,346		0.0000	1.0000	99.26
42.5	212,218		0.0000	1.0000	99.26
43.5	212,218		0.0000	1.0000	99.26
44.5	212,218		0.0000	1.0000	99.26
45.5	210,020		0.0000	1.0000	99.26
46.5	210,005		0.0000	1.0000	99.26
47.5	3,938		0.0000	1.0000	99.26
48.5	3,938		0.0000	1.0000	99.26
49.5	3,938		0.0000	1.0000	99.26
50.5	3,938		0.0000	1.0000	99.26
51.5	3,938		0.0000	1.0000	99.26
52.5	3,938		0.0000	1.0000	99.26
53.5	3,938		0.0000	1.0000	99.26
54.5	3,938		0.0000	1.0000	99.26
55.5	3,938		0.0000	1.0000	99.26
56.5	3,938		0.0000	1.0000	99.26
57.5	3,938		0.0000	1.0000	99.26
58.5	3,938		0.0000	1.0000	99.26
59.5	3,938		0.0000	1.0000	99.26
60.5	3,938		0.0000	1.0000	99.26
61.5	3,938		0.0000	1.0000	99.26
62.5	3,938		0.0000	1.0000	99.26
63.5	3,938		0.0000	1.0000	99.26
64.5	3,938		0.0000	1.0000	99.26
65.5	3,938		0.0000	1.0000	99.26
66.5	3,938		0.0000	1.0000	99.26
67.5	3,938		0.0000	1.0000	99.26
68.5	3,938		0.0000	1.0000	99.26
69.5	3,938		0.0000	1.0000	99.26
70.5	3,938		0.0000	1.0000	99.26
71.5	3,938		0.0000	1.0000	99.26
72.5	3,938		0.0000	1.0000	99.26
73.5	3,938		0.0000	1.0000	99.26
74.5	3,938		0.0000	1.0000	99.26
75.5	3,938		0.0000	1.0000	99.26
76.5					99.26


LOUISVILLE GAS AND ELECTRIC
ACCOUNT 352.20 RESERVOIRS
ORIGINAL AND SMOOTH SURVIVOR CURVES
ORIGINAL CURVE: X 1969-2006 EXPERIENCE; 1968-1975 PLACEMENTS
IOWA 55-R4
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120

LOUISVILLE GAS AND ELECTRIC
GAS PLANT

ACCOUNT 352.20 RESERVOIRS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-1975 EXPERIENCE BAND 1969-2006

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	400,511		0.0000	1.0000	100.00
0.5	400,511		0.0000	1.0000	100.00
1.5	400,511		0.0000	1.0000	100.00
2.5	400,511		0.0000	1.0000	100.00
3.5	400,511		0.0000	1.0000	100.00
4.5	400,511		0.0000	1.0000	100.00
5.5	400,511		0.0000	1.0000	100.00
6.5	400,511		0.0000	1.0000	100.00
7.5	400,511		0.0000	1.0000	100.00
8.5	400,511		0.0000	1.0000	100.00
9.5	400,511		0.0000	1.0000	100.00
10.5	400,511		0.0000	1.0000	100.00
11.5	400,511		0.0000	1.0000	100.00
12.5	400,511		0.0000	1.0000	100.00
13.5	400,511		0.0000	1.0000	100.00
14.5	400,511		0.0000	1.0000	100.00
15.5	400,511		0.0000	1.0000	100.00
16.5	400,511		0.0000	1.0000	100.00
17.5	400,511		0.0000	1.0000	100.00
18.5	400,511		0.0000	1.0000	100.00
19.5	400,511		0.0000	1.0000	100.00
20.5	371,355		0.0000	1.0000	100.00
21.5	400,511		0.0000	1.0000	100.00
22.5	315,976		0.0000	1.0000	100.00
23.5	400,511		0.0000	1.0000	100.00
24.5	400,511		0.0000	1.0000	100.00
25.5	400,511		0.0000	1.0000	100.00
26.5	400,511		0.0000	1.0000	100.00
27.5	400,511		0.0000	1.0000	100.00
28.5	400,511		0.0000	1.0000	100.00
29.5	400,511		0.0000	1.0000	100.00
30.5	400,511		0.0000	1.0000	100.00
31.5	375,011		0.0000	1.0000	100.00
32.5	375,011		0.0000	1.0000	100.00
33.5	375,011		0.0000	1.0000	100.00
34.5	336,860		0.0000	1.0000	100.00
35.5	226,092		0.0000	1.0000	100.00
36.5	196,936		0.0000	1.0000	100.00
37.5	84,535		0.0000	1.0000	100.00
38.5					100.00