## QUESTAR GAS COMPANY

SALT LAKE CITY, UTAH

## **DEPRECIATION STUDY**

## CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO GAS PLANT AT DECEMBER 31, 2007



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**GANNETT FLEMING, INC.** 

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February 6, 2009

Questar Gas Company 180 East 100 South P.O. Box 45360 Salt Lake City, UT 84145-0360

Attention Mr. David Curtis,
Vice President and Controller

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the gas plant of Questar Gas Company (QGC). The study results include annual depreciation rates and amortization amounts as of December 31, 2007. The attached report presents a description of the methods used in the estimation of depreciation, summaries 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 by year installed for each account.

We gratefully acknowledge the assistance of Questar Gas Company personnel in the conduct of the study.

Respectfully submitted,

GANNETT FLEMING, INC. VALUATION AND RATE DIVISION

The F. Wednager

JOHN F. WIEDMAYER, CDP

Project Manager, Depreciation Studies

JFW:krm

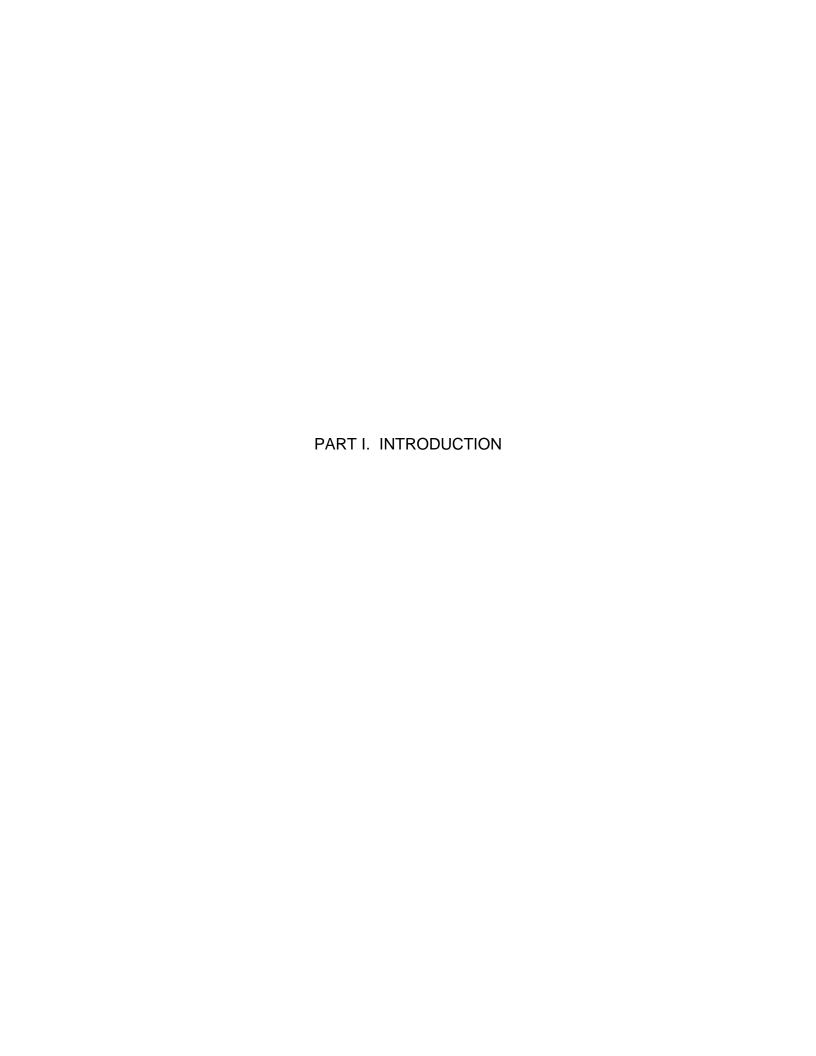
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#### QUESTAR GAS COMPANY

#### **DEPRECIATION STUDY**

# CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO GAS PLANT AT DECEMBER 31, 2007

#### PART I. INTRODUCTION

#### SCOPE

This report sets forth the results of the depreciation study for Questar Gas Company (QGC), to determine the annual depreciation accrual rates and amounts for book purposes applicable to the original cost of gas plant at December 31, 2007. The rates and amounts are based on the straight line whole life method of depreciation with a separate amortization of the variance between the book depreciation reserve and the calculated accrued depreciation. This report also describes the concepts, methods and basic judgments which underlie the recommended annual depreciation accrual rates related to gas plant in service as of December 31, 2007.

The service life and net salvage estimates resulting from the study were based on: informed engineering judgment which incorporated analyses of historical plant retirement data as recorded through 2007; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the gas industry, including knowledge of service lives and net salvage estimates used for other gas companies.

#### PLAN OF REPORT

Part I Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II Methods Used in the Estimation of Depreciation, presents descriptions of the methods used in the service life and net salvage studies and the

methods and procedures used in the calculation of depreciation. Part III Results of Study, presents summaries by depreciable group of annual and accrued depreciation. The detailed tabulations of annual and accrued depreciation are set forth in the Appendices of the report.

#### BASIS OF THE STUDY

#### Depreciation

For most accounts, the annual and accrued depreciation were calculated by the straight line method using the average service life procedure. For certain General Plant accounts, the annual and accrued depreciation are based on amortization accounting. Both types of calculations were based on original cost, attained ages, and estimates of service lives and salvage. Variances between the calculated accrued depreciation or amortization and the book accumulated depreciation are amortized over the composite remaining life of the assets.

A change to monitoring and maintenance of the accumulated depreciation reserve at the account level is recommended. The remaining lives of the various accounts range from a few years to over sixty-four years. Gannett Fleming has determined an amortization amount to correct the present variance with the calculated accrued depreciation, a.k.a., theoretical reserve, during the remaining life of the account. Table B presented in Part III of the report sets forth the amortization of the reserve variance at the account level. This adjustment mechanism, whether determined separately as an amortization amount or incorporated in the calculation of remaining life accruals, is widely-accepted. An explanation of the monitoring of the accumulated depreciation reserve and the calculation of the true-up provision is presented beginning on page II-32 of the report.

The straight line method, average service life procedure is a commonly used depreciation calculation procedure that has been widely accepted in jurisdictions throughout the country, including Utah. Gannett Fleming recommends its continued use for QGC.

Amortization accounting is used for certain General Plant accounts because of the disproportionate plant accounting effort required when compared to the minimal original cost of the large number of items in these accounts. Many gas utilities in North America have received approval to adopt amortization accounting for these accounts. In January 1997, FERC issued Accounting Release 15 which granted approval for utilities under its jurisdiction to use vintage year (a.k.a., amortization) accounting for general plant accounts. An explanation of the calculation of annual and accrued amortization is presented beginning on page II-30 of the report.

#### Service Life Estimates

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

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

The retirement rate method of life analysis was used for the gas plant accounts included in this study. Aged and statistically aged plant accounting data through 2007 were used in the retirement rate computations and were the primary statistical support of the service life estimates.

#### Net Salvage Estimates

The estimates of net salvage were based in part on historical data compiled by account for the years 1990 through 2007 which represented all available net salvage data. 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 are expressed as a percent of the original cost of plant retired.

The estimates of net salvage were based primarily on judgment which considered a number of factors. The primary factors were the analyses of historical data; the net salvage characteristics of other gas utility properties, a knowledge of QGC's operating policies and outlook as determined during the field trip and other discussions with management; and net salvage estimates from studies of other gas companies. The estimated service lives and net salvage percents are within the range of estimates used by other gas utilities with similar property.

Amortization accounting is used for certain General Plant accounts. Future gross salvage and removal cost for these accounts is expected to be immaterial and will be recorded as miscellaneous revenue and expense, respectively. Inasmuch as there will be no depreciation reserve entries related to salvage, the estimate of net salvage for accounts subject to amortization is zero percent.

# PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

## PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

#### **DEPRECIATION**

Depreciation, as applied to depreciable gas plant, means the loss in service value not restored by current maintenance, incurred in connection with the consumption of prospective retirement of gas 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 and requirements of public authority.

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.

#### LIFE ANALYSIS

#### 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 lowa 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 years 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.



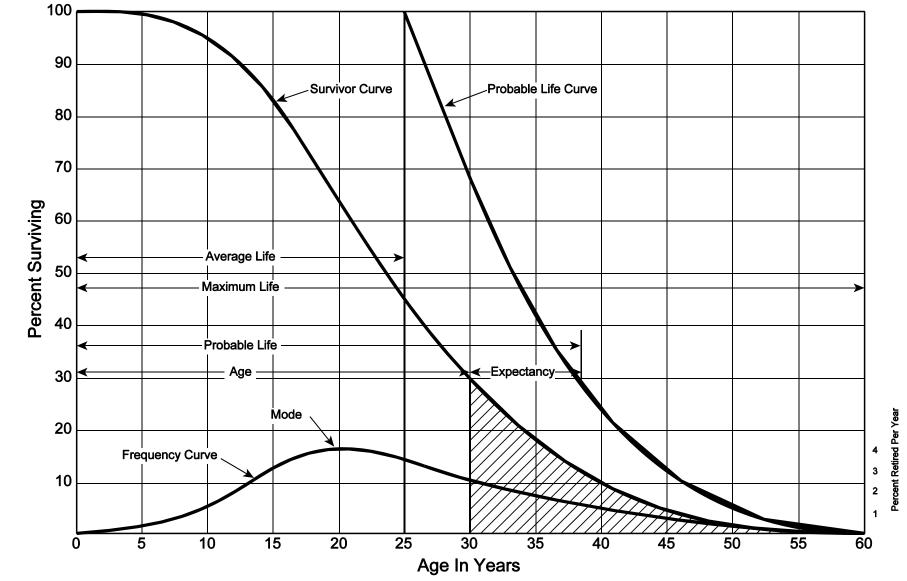


Figure 1. A Typical Survivor Curve and Derived Curves

lowa Type Curves. The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the lowa type curves. There are four families in the lowa system, labeled in accordance with the location of the modes of the retirements in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency of retirement 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 numerical subscripts represent the relative heights of the modes of the frequency curves within each family.

The lowa curves were developed at the lowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125<sup>1</sup>. These type curves have also been presented in subsequent Experiment Station

<sup>&</sup>lt;sup>1</sup>Winfrey, Robley. <u>Statistical Analyses of Industrial Property Retirements</u>. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

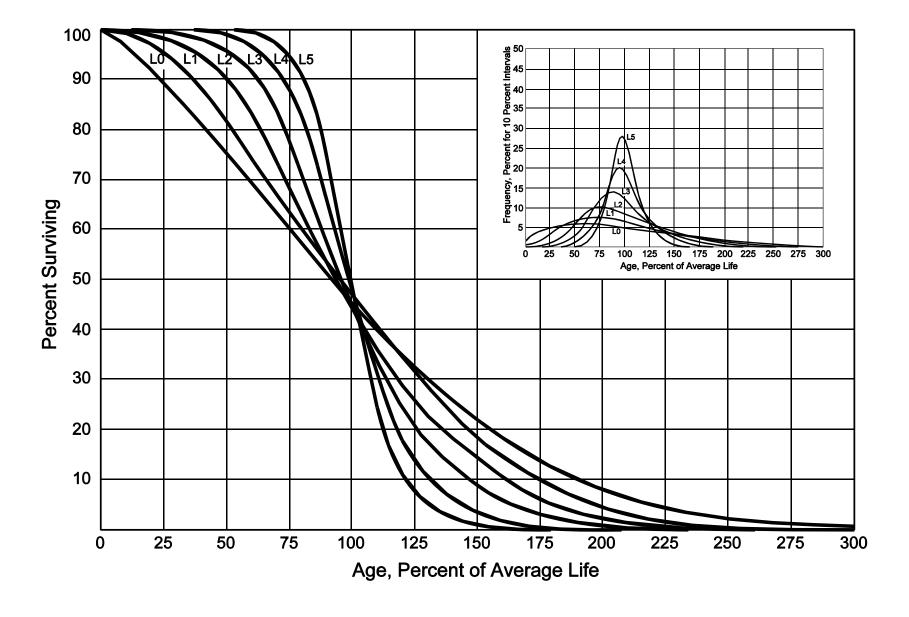


Figure 2. Left Modal or "L" lowa Type Survivor Curves

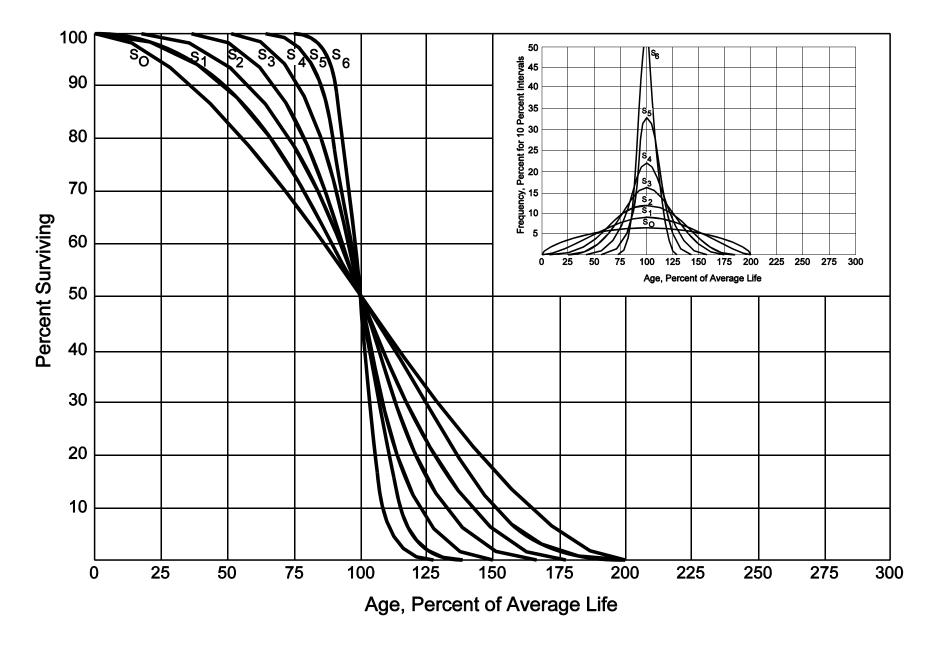


Figure 3. Symmetrical or "S" lowa Type Survivor Curves

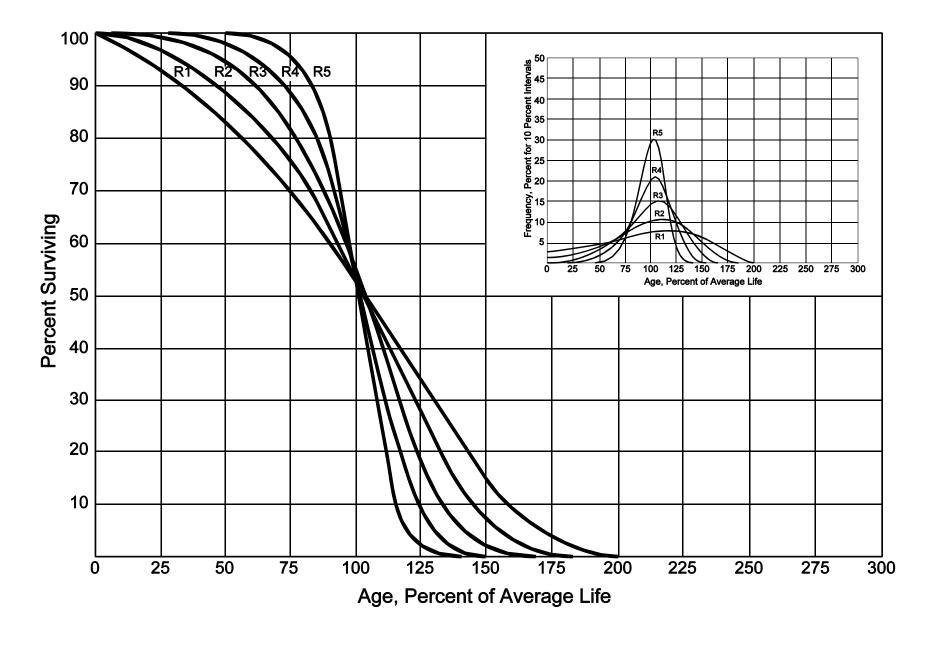


Figure 4. Right Modal or "R" lowa Type Survivor Curves

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

bulletins and in the text, "Engineering Valuation and Depreciation<sup>2</sup>." In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis<sup>3</sup> 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," "Engineering Valuation and Depreciation" and "Depreciation Systems".

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

<sup>&</sup>lt;sup>3</sup>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.

<sup>&</sup>lt;sup>4</sup>Winfrey, Robley, Supra Note 1.

<sup>&</sup>lt;sup>5</sup>Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 2.

<sup>&</sup>lt;sup>6</sup>Wolf, Frank K. and W. Chester Fitch. <u>Depreciation Systems</u>. Iowa State University Press. 1994.

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the <u>experience band</u>, 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 <u>placement band</u>. An example of the calculations used in the development of a life table based on the age at retirement in years 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 1998-2007 during which there were placements during the years 1993-2007. 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 1993 were retired in 1998. 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

TABLE 1. RETIREMENTS FOR EACH YEAR 1998-2007 SUMMARIZED BY AGE INTERVAL

Experience Band 1998-2007

Placement Band 1993-2007

				Re	tirements	, Thousa	ands of E	Oollars				
Year	During Year Total During Age										Age	
<u>Placed</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	Age Interval	<u>Interval</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1993	10	11	12	13	14	16	23	24	25	26	26	13½-14½
1994	11	12	13	15	16	18	20	21	22	19	44	12½-13½
1995	11	12	13	14	16	17	19	21	22	18	64	11½-12½
1996	8	9	10	11	11	13	14	15	16	17	83	10½-11½
1997	9	10	11	12	13	14	16	17	19	20	93	9½-10½
1998	4	9	10	11	12	13	14	15	16	20	105	81/2-91/2
1999		5	11	12	13	14	15	16	18	20	113	$7\frac{1}{2} - 8\frac{1}{2}$
2000			6	12	13	15	16	17	19	19	124	6½-7½
2001				6	13	15	16	17	19	19	131	5½-6½
2002					7	14	16	17	19	20	143	4½-5½
2003						8	18	20	22	23	146	31/2-41/2
2004							9	20	22	25	150	2½-3½
2005								11	23	25	151	1½-2½
2006									11	24	153	1/2-11/2
2007										<u>13</u>	80	0-1/2
Total	<u>53</u>	<u>68</u>	<u>86</u>	<u>106</u>	<u>128</u>	<u>157</u>	<u>196</u>	<u>231</u>	<u>273</u>	<u>308</u>	<u>1,606</u>	

#### TABLE 2. OTHER TRANSACTIONS FOR EACH YEAR 1998-2007 SUMMARIZED BY AGE INTERVAL

Experience Band 1998-2007

Placement Band 1993 -2007

Acquisitions, Transfers and Sales, Thous
--

Year			- 1	· · · · · ,	Dı	uring Yea	ar				Total During	Age
<u>Placed</u>	1998	<u> 1999</u>	2000	2001	2002	2003	2004	2005	2006	2007	Age Interval	<u>Interval</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							a					
1993	-	-	-	-	-	-	60 <sup>a</sup>	-	-	-	-	13½-14½
1994	-	-	-	-	-	-	-	-	-	-	-	12½-13½
1995	-	-	-	-	-	-	-	-	-	-	-	11½-12½
1996	-	-	-	-	-	-	-	(5) <sup>b</sup>	-	-	60	10½-11½
1997	-	-	-	-	-	-	-	6 <sup>a</sup>	-	-	-	9½-10½
1998		-	-	-	-	-	-	-	-	-	(5)	81/2-91/2
1999		-	-	-	-	-	-	-	-	-	6	71/2-81/2
2000			-	-	-	-	-		-	-	-	61/2-71/2
2001				-	-	-	-	(12) <sup>b</sup>	-	-	-	5½-6½
2002					-	-	-		22 <sup>a</sup>	-	-	41/2-51/2
2003						-	-	(19) <sup>b</sup>	-	-	10	31/2-41/2
2004							-	-	-	-	-	21/2-31/2
2005								-	-	(102) <sup>c</sup>	(121)	1½-2½
2006									-	-	-	1/2-11/2
2007	_	_	_	_	_	_		_	_			0-1/2
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>60</u>	( <u>30</u> )	<u>22</u>	( <u>102</u> )	( <u>50</u> )	

<sup>&</sup>lt;sup>a</sup> Transfer Affecting Exposures at Beginning of Year <sup>b</sup> Transfer Affecting Exposures at End of Year <sup>c</sup> Sale with Continued Use

Parentheses denote Credit amount.

occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of \$143,000 retired for age interval  $4\frac{1}{2}$ - $5\frac{1}{2}$  is the sum of the retirements entered on Table 1 immediately above the stairstep line drawn on the table beginning with the 1998 retirements of 1993 installations and ending with the 2007 retirements of the 2002 installations. Thus, the total amount of 143 for age interval  $4\frac{1}{2}$ - $5\frac{1}{2}$  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 1998 through 2007 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

#### TABLE 3. PLANT EXPOSED TO RETIREMENT JANUARY 1 OF EACH YEAR 1998-2007 SUMMARIZED BY AGE INTERVAL

Experience Band 1998-2007

Placement Band 1993-2007

	Exposures, Thousands of Dollars											
	Annual Survivors at the Beginning of the Year Total at											
Year	4000	4000		0004	0000		0004	000=			Beginning of	Age
Placed	<u>1998</u>	1999	<u>2000</u>	2001	<u>2002</u>	2003	2004	<u>2005</u>	<u>2006</u>	<u>2007</u>	Age Interval	Interval (42)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1993	255	245	234	222	209	195	239	216	192	167	167	13½-14½
1994	279	268	256	243	228	212	194	174	153	131	323	12½-13½
1995	307	296	284	271	257	241	224	205	184	162	531	11½-12½
1996	338	330	321	311	300	289	276	262	242	226	823	10½-11½
1997	376	367	357	346	334	321	307	297	280	261	1,097	9½-10½
1998	420 <sup>a</sup>	416	407	397	386	374	361	347	332	316	1,503	8½-9½
1999		460 <sup>a</sup>	455	444	432	419	405	390	374	356	1,952	7½-8½
2000			510 <sup>a</sup>	504	492	479	464	448	431	412	2,463	6½-7½
2001				580°	574	561	546	530	501	482	3,057	5½-6½
2002					660 <sup>a</sup>	653	639	623	628	609	3,789	4½-5½
2003						750 <sup>a</sup>	742	724	685	663	4,332	31/2-41/2
2004							850 <sup>a</sup>	841	821	799	4,955	2½-3½
2005								960 <sup>a</sup>	949	926	5,719	1½-2½
2006									1,080 <sup>a</sup>	1,069	6,579	1/2-11/2
2007										<u>1,220</u> <sup>a</sup>	7,490	0-1/2
Total	<u>1,975</u>	<u>2,382</u>	<u>2,824</u>	<u>3,318</u>	<u>3,872</u>	<u>4,494</u>	<u>5,247</u>	<u>6,017</u>	<u>6,852</u>	<u>7,799</u>	<u>44,780</u>	

<sup>&</sup>lt;sup>a</sup> Additions during the year.

on Tables 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being <u>exposed</u> to retirement in this group <u>at the beginning</u> <u>of the year</u> in which they occurred, and the sales and transfers-out are considered to be removed from the plant <u>exposed</u> to retirement <u>at the beginning of the following year</u>. 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 2003 are calculated in the following manner:

Exposures at age 0 = amount of addition = \$750,000 Exposures at age  $\frac{1}{2}$  = \$750,000 - \$8,000 = \$742,000 Exposures at age  $\frac{1}{2}$  = \$742,000 - \$18,000 = \$724,000 Exposures at age  $\frac{2}{2}$  = \$724,000 - \$20,000 - \$19,000 = \$685,000 Exposures at age  $\frac{3}{2}$  = \$685,000 - \$22,000 = \$663,000

For the entire experience band 1998-2007, 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.

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

Experience Band 1998-2007

Placement Band 1993-2007

(Exposure and Retirement Amounts are in Thousands of Dollars)

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

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.

The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½ 88.15 = Exposures at age 4½ 3,789,000 = Retirements from age  $4\frac{1}{2}$  to  $5\frac{1}{2}$ 143,000 Retirement Ratio  $143,000 \div 3,789,000 = 0.0377$ = Survivor Ratio 1.000 0.0377 = 0.9623Percent 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 lowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the lowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7 and 8, the original curve developed in Table 4 is compared with the L, S, and R lowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0. In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1, are drawn for comparison purposes. It is probable that the 12-R1 lowa curve would be selected as the most representative of the plotted survivor characteristics of the group, assuming no contrary relevant factors external to the analysis of historical data.

#### Simulated Plant Balance Method

The simulated plant balance method of life analysis is a statistical procedure by which experienced average service life and survivor characteristics are inferred through a series of approximations in which several average service life and survivor curve combinations are tested. The testing procedure consists of applying survivor ratios defined by the average service life and survivor curve combinations being tested to historical plant additions and comparing the resulting calculated, or simulated, surviving balances with the actual surviving balances.

15

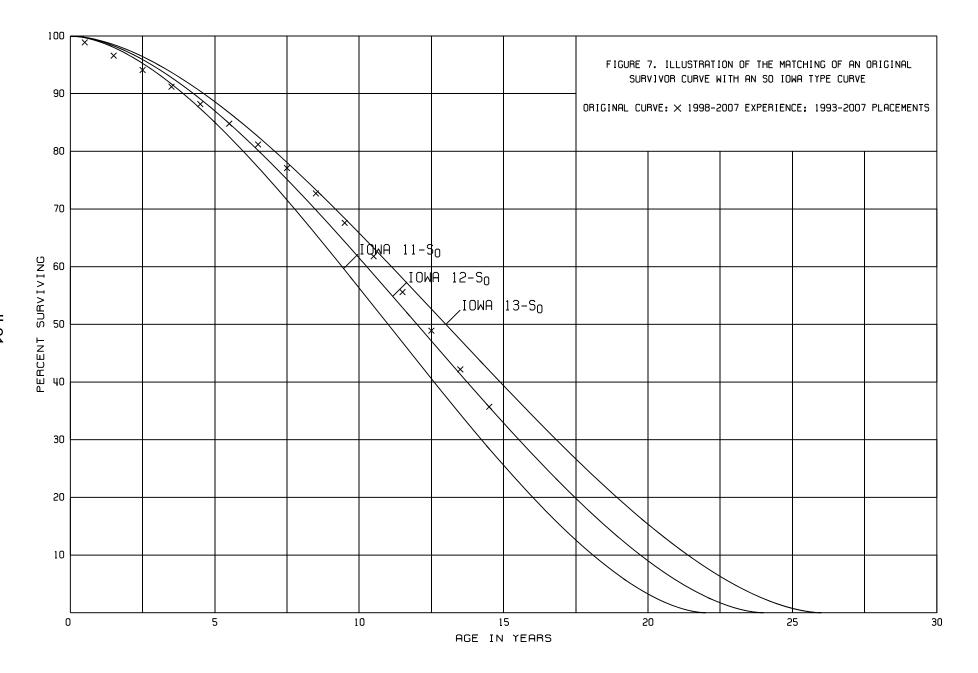
AGE IN YEARS

20

25

10

0



AGE IN YEARS

FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL

Each year-end book balance is the sum of the plant surviving from the original annual additions. Each calculated year-end balance is the sum of the simulated plant surviving from the same original annual additions. The simulated survivors are calculated for each vintage by multiplying the original additions by the percent surviving corresponding to the age of the vintage as of the date of the year-end balances being simulated. This procedure is repeated until a series of simulated balances are calculated. The balances are then compared with the book balances to determine which average service life and survivor curve combinations result in calculated balances most nearly simulating the progression of actual balances.

The simulated plant record method is presented in greater detail in the Edison Electric Institute's publication, "Methods of Estimating Utility Plant Life"<sup>9</sup>.

#### Computed Mortality Method

The computed mortality method of life analysis as used in this study is a procedure for statistically aging annual retirements of property and analyzing the statistically aged retirements by the retirement rate method. In this procedure, an aged plant balance is developed for the year prior to and for each test year during the given term of comparison. Each given balance is aged by a simulation procedure which applies a series of successive survivor curve trials using a specified lowa type curve. The lowa type survivor curve specified for each account is based on judgment incorporating the results of the simulated plant record analyses, a knowledge of the property, and the type curves estimated for the account in other electric companies. Each trial consists of constructing a specific survivor curve at one-year intervals beginning with age ½. From this curve, survivor ratios are computed and applied,

<sup>&</sup>lt;sup>g</sup>Supra Note 6.

by vintage, to the previous year's aged ending balance and the current test year's given gross addition. The resultant aged surviving balances also produce the aged retirements which are the differences between successive aged balances. The aged data are then analyzed by the retirement rate method as described above.

#### 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 field reviews of the property and other conversations with management; and the survivor curve estimates from previous studies of this company and other gas utility companies.

For the majority of the accounts and subaccounts, the statistical analysis resulted in good to excellent indications of complete survivor patterns. These accounts represent 86% of the depreciable plant. Generally, the information external to the statistics led to no significant departure from the indicated survivor curves for the accounts listed below:

Account No.	Account Description
376	Mains
377	Compressor Station Equipment
378	Measuring and Regulating Station Equipment
380	Services
381	Meters
382	Meter Installations
383	House Regulators
384	House Regulator Installations
392.01	Transportation Equipment - General
392.02	Transportation Equipment - CNG Tanks

Account, 376, Gas Mains, is used to illustrate the manner in which the study was conducted for the accounts in the preceding list. Simulated aged plant accounting data have been compiled for the years through 2007. These data have been coded according

to account or property group, type of transaction, year in which the transaction took place.

The simulated retirements were analyzed by the retirement rate method.

The survivor curve estimate for 376, Mains, is the 66-R2.5 and is based on the statistical indication for the period 1961 through 2007. The previous survivor curve estimate was the Iowa 62-R2.5, The 66-R2.5 is an excellent fit of the significant portion of the original survivor curve through age 53 as set forth on page A-5, and is consistent with management outlook.

QGC's distribution system has been comprised of many different types of distribution mains over the years. Prior to 1960, cast iron and bare steel were the primary pipeline material. In the 1960's, improvements in installation practices and the advent of pipeline coatings brought about the use of coated steel pipe. Finally, plastic pipe was introduced in the 1970's and it continues as the primary choice for distribution mains today.

Though widely used in the gas industry, there were inherent problems with cast iron and bare steel pipe. Cast iron pipe is vulnerable to breakage from ground movement either from natural or man-made sources. In addition, the joints on cast iron mains were prone to leak as they were mechanically coupled together. Bare steel pipe is susceptible to corrosion as it has no exterior coating. In 1970, the federal government prohibited the use of bare steel pipe because of its tendency to corrode. In order to combat corrosion, Questar Gas and other gas companies began using coated steel pipe and later began to install cathodic protection on their pipelines. Cathodic protection is a procedure by which underground metal pipe is protected against corrosion by applying electrical current to the pipe.

QGC replaced its remaining cast iron mains in the mid 1980's and replaced its remaining bare steel mains in the mid 1990's. By 2004, all of the company's distribution

mains were either: 1) cathodically protected, coated steel mains; or 2) plastic mains. The life expectancy of these two types of mains are similar and significantly longer than bare steel mains since corrosion is no longer a significant force of retirement. As a result, the service life for this account has been lengthened from 62 years to 66 years. The average service life estimate of 66 years is within the typical service life range of 55 to 75 years used for mains by other gas companies.

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

Salvage Analysis

The estimates of net salvage were based in part on historical data compiled for the years 1990 through 2007. 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 are expressed as a percent of the original cost of plant retired.

# Net Salvage Considerations

The estimates of salvage were based primarily on judgment which considered a number of factors. The primary factors were the analyses of historical data, a knowledge of management's plans and operating policies, and net salvage estimates from previous studies of this company and other gas companies.

Account 376, Mains, is used to illustrate the manner in which the study was conducted for the accounts in the preceding list. Depreciation reserve accounting data were compiled for the years 1990 through 2007. These data include the retirements, cost of removal and gross salvage.

The net salvage estimate for this account is negative thirty-eight percent and is based on company experience as shown in the tabulation on page B-2. The overall band during the period studied averaged negative thirty-eight percent which was slightly lower from the previous estimate of negative forty percent. The net salvage estimate typical for this account ranges from negative thirty percent to negative sixty percent. Questar's engineering management indicated that most mains are retired in place and management expects that this will continue in the future. However, some of the mains that are removed are coated with a coal-tar wrap containing asbestos felt (a roofing paper type of material) which requires special handling and can be expensive to dispose of relative to other mains not containing asbestos. Gas utilities have long used hot-applied coal-tar coatings on buried steel pipe to mitigate the effects of corrosion. This type of coating was used in the gas industry until more modern and durable coatings were developed in the 1970s and 1980s. The negative thirty-eight percent net salvage estimate for Account 376, Mains is primarily based on the overall band of the net salvage analyses, is within the typical industry range and is consistent with management's outlook for net salvage to continue at levels realized in the past.

### 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:

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

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:

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

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:

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

The accrued depreciation is:

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

# **Group Depreciation Procedures**

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group.

Average Service Life Procedure. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

For life span property groups in which the average service life of each vintage differs because the life of successive additions is restricted by an expected concurrent retirement of all associated property, the annual accrual rate is calculated separately for each vintage. The rate for each vintage is determined by the above equations, using the average service life calculated for the investment in that vintage. A composite rate for the total investment in such a group may then be calculated at a specific date by weighting the rate for each vintage by the related surviving investment.

#### CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

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

Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

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

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

	<u>Account</u>	Amortization Period, <u>Years</u>
391.01	Office Furniture	20
391.02	Office Equipment	7
391.03	Computer Hardware	4
391.04	Computer Software	10
393	Stores Equipment	20
394.1	Small Tools	10
394.2	Shop Equipment	20
394.4	CNG Equipment	10
395	Laboratory Equipment	15
397.1	Mobile Radio	5
397.3	Base Stations	10
397.4	Telemetry	10
397.5	Communication Eq - Other	10
398	Miscellaneous Equipment	15

The annual amortization amount is determined by dividing the original cost by the amortization period for the account. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period.

### MONITORING OF BOOK ACCUMULATED DEPRECIATION

The calculated accrued depreciation or amortization represents that portion of the depreciable cost which will not be allocated to expense through future depreciation accruals, if current forecasts of service life characteristics and net salvage materialize and are used as a basis for depreciation accounting. Thus, the calculated accrued depreciation provides a measure of the book accumulated depreciation. The use of this measure is recommended in the amortization of book accumulated depreciation variances to insure complete recovery of capital over the life of the property.

The reserve variance amortization developed in this study is based on the variance between the book accumulated depreciation and the calculated accrued depreciation using an amortization period equal to the composite remaining life for each property group.



### PART III. RESULTS OF STUDY

### QUALIFICATION OF RESULTS

The calculated annual and accrued depreciation and the amortization of the reserve variance 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 and the accrued depreciation were calculated in accordance with the straight line whole life method of depreciation using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

#### DESCRIPTION OF STATISTICAL SUPPORT

The service life and net salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other gas utility companies. The results of the statistical analyses of service life are presented in Appendix A of the report..

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 Appendix B 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

Summaries of the results of the study, as applied to the original cost of gas plant at December 31, 2007, are presented on pages III-4 through III-10 of this report. Tables A through C present the study results. Table A is a summary of the calculated annual and accrued depreciation by account based on the straight line whole life method of depreciation. Table B compares the calculated accrued depreciation with the book depreciation reserve and calculates amortization amounts that correct the variance. Table C sets forth the total annual depreciation accruals related to utility plant as of December 31, 2007, consisting of the whole life accrual from Table A and the amortization amounts from Table B.

The tables of the calculated annual and accrued depreciation are presented in account sequence in Appendix C titled "Depreciation Calculations". The tables indicate the estimated survivor curve and net salvage percent for the account and set forth for each installation year the original cost, the calculated annual accrual rate and amount, the life expectancy and the calculated accrued depreciation factor and amount.

Table A. Estimated Survivor Curve, Net Salvage, Original Cost, Calculated Annual and Accrued Depreciation Related to Gas Plant at December 31, 2007

	Depreciable Group	Probable Retirement Date	Estimated Survivor Curve	Net Salvage Percent	Original Cost at 12/31/07	Annual Accrual Amount	Annual Accrual Rate	Calculated Accrued Depreciation
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(6)/(5)	(8)
EPRECIABL	LE GAS PLANT							
Distributio	on Plant							
374.21	Land Rights		75 - R3	0	1,022,301	13,597	1.33	142,614
	Account 375 - Structures and Improvements							
375.0001	SL Annex	6-2033	120 - R1 a	a 0	5,724,183	141,270	2.47	2,256,602
375.0002	SL OPS Office	6-2054	100 - R1 a	a 0	13,801,094	249,488	1.81	3,242,279
375.0003	Springville Service Center	6-2032	120 - R1 a	a 0	1,607,166	34,857	2.17	786,264
375.0004	Bluffdale Service Center	6-2050	120 - R1 a	a 0	797,716	17,211	2.16	109,558
375.0005	Ogden Service Center	6-2048	120 - R1 a	a 0	4,339,865	92,995	2.14	790,636
375.0006	Logan Service Center	6-2050	120 - R1 a	a 0	1,042,650	22,409	2.15	146,676
375.0010	Cedar City Service Center	6-2042	120 - R1 a	a 0	515,445	13,939	2.70	55,328
375.0011	Fillmore Service Center	6-2033	120 - R1 a	a 0	664,619	17,551	2.64	232,959
375.0012	St George Service Center	6-2032	120 - R1 a	a 0	968,474	28,248	2.92	299,720
375.0099	All Other		40 - R1	0	24,697,773	617,444	2.50	6,272,007
	Subtotal Account 375				54,158,985	1,235,412	2.28	14,192,029
376	Mains		66 - R2.5	(38)	695,032,405	14,579,000	2.10	169,332,584
377	Compressor Station Equipment		33 - R4	(5)	4,331,718	137,814	3.18	1,931,771
378	Measuring and Regulating Station Equipment		34 - S0	(30)	37,425,296	1,430,394	3.82	8,318,010
380	Services		49 - R2.5	(70)	276,151,121	9,576,921	3.47	132,796,326
381.01	Meters		28 - S2.5	0	63,035,037	2,250,351	3.57	22,184,120
381.11	Meters - Telemetry Equipment		15 - L2	0	135,117	9,012	6.67	104,144
381.21	Meters - Transponders		13 - S2	0	53,485,037	4,112,999	7.69	19,005,818
382	Meter Installations		42 - R3	(5)	89,049,039	2,224,882	2.50	22,106,110
383	House Regulators		30 - R3	0	12,068,729	401,889	3.33	6,088,671
384	House Regulator Installations		48 - R1.5	0	3,025,717	62,935	2.08	682,182
387	Other Equipment		12 - S2	0	347,380	28,537	8.21	238,059
Total Distr	ibution Plant				1,289,267,882	36,063,743		397,122,438

Table A. Estimated Survivor Curve, Net Salvage, Original Cost, Calculated Annual and Accrued Depreciation Related to Gas Plant at December 31, 2007

	Depreciable Group (1)	Probable Retirement Date (2)	Estimated Survivor Curve (3)	Net Salvage Percent (4)	Original Cost at 12/31/07 (5)	Annual Accrual Amount (6)	Annual Accrual Rate (7)=(6)/(5)	Calculated Accrued Depreciation (8)
	(1)	(-)	(-)	( - /	(-)	(-)	(-) (-)-(-)	(-)
General P	Plant							
390.01	Structures and Improvements		40 - R1	0	7,001,914	175,048	2.50	1,989,622
390.41	Structures and Improvements - CNG Fuel Stations		15 - L3	0	1,258,013	83,909	6.67	827,912
391.01	Office Furniture & Equipment - Furniture		20 - SQ	0	6,932,323	346,449	5.00 b	3,433,169
391.02	Office Furniture & Equipment - Equipment		7 - SQ	0	1,717,628	245,449	14.29 b	1,019,215
391.03	Office Furniture & Equipment - Computer Hardware		4 - SQ	0	6,627,317	1,574,679	25.00 b	4,024,711
391.04	Office Furniture & Equipment - Computer Software		10 - SQ	0	44,725,999	4,470,478	10.00 b	21,087,560
392.01	Transportation Equipment - General		10.5 - L2.5	14	28,254,206	2,313,121	8.19	10,249,870
392.02	Transportation Equipment - CNG Tanks		10.5 - L2.5	3	1,238,588	114,376	9.23	784,642
393	Stores Equipment		20 - SQ	0	10,645	532	5.00 b	5,800
394.1	Tools Shop and Garage Equipment - Small Tools		10 - SQ	0	5,730,571	572,504	10.00 b	2,540,876
394.2	Tools Shop and Garage Equipment - Shop Equip		20 - SQ	0	1,373,715	68,686	5.00 b	701,309
394.4	Tools Shop and Garage Equipment - CNG Equip		10 - SQ	0	1,568,636	155,051	10.00 b	831,294
395	Laboratory Equipment		15 - SQ	0	108,712	5,886	6.67 b	60,034
396	Power Operated Equipment		10 - L2	25	7,166,745	533,460	7.44	2,543,554
397.1	Communication Equipment - Mobile Radio		5 - SQ	0	1,204,139	207,207	20.00 b	600,900
397.3	Communication Equipment - Base Stations		10 - SQ	0	8,363,928	685,409	10.00 b	5,914,987
397.4	Communication Equipment - Telemetry		10 - SQ	0	34,878	3,488	10.00 b	11,324
397.5	Communication Equipment - Other		10 - SQ	0	1,074,451	106,479	10.00 b	588,555
398	Miscellaneous Equipment		15 - SQ	0	475,488	29,842	6.67 b	307,991
Total Gen	eral Plant				124,867,896	11,692,053		57,523,325
OTAL DEPI	RECIABLE GAS PLANT STUDIED							

a Life Span Procedure used. Interim Survivor Curve listed on schedule.

b Amortization Rate listed applies to all vintages that are within the amortization period, i.e., those vintages that are not fully amortized.

# **II-**0

Table A. Estimated Survivor Curve, Net Salvage, Original Cost, Calculated Annual and Accrued Depreciation Related to Gas Plant at December 31, 2007

	Depreciable Group (1)	Probable Retirement Date (2)	Estimated Survivor Curve (3)	Net Salvage Percent (4)	Original Cost at 12/31/07 (5)	Annual Accrual Amount (6)	Annual Accrual Rate (7)=(6)/(5)	Calculated Accrued Depreciation (8)
DEPRECIAE	BLE GAS PLANT NOT STUDIED							
388 399	Production Plant Asset Retirement Costs, Distribution Other Tangible Property				85,265,841 347,788 71,663			
TOTAL DEP	PRECIABLE GAS PLANT NOT STUDIED							
TOTAL DEP	PRECIABLE GAS PLANT IN SERVICE				1,499,821,070			
NONDEPRE	CIABLE GAS PLANT							
302 374.11 389	Franchises and Consents Land and Land Rights Land and Land Rights				69,626 4,182,781 649,643			
TOTAL NON	NDEPRECIABLE GAS PLANT				4,902,050			
TOTAL GAS	S PLANT IN SERVICE				1,504,723,120			

Table B. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations
Related to Gas Plant at December 31, 2007

	Depreciable Group	Original Cost at 12/31/07	Calculated Accrued Depreciation	Book Accumulated Depreciation	Reserve Variance	Remaining Life	Reserve Variance Amortization
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)	(7)=(5)/(6)
DEPRECIABLE	GAS PLANT						
Distribution	ı Plant						
374.21	Land Rights	1,022,301	142,614	168,979	(26,365)	64.7	(407)
	Account 375 - Structures and Improvements						
375.0001	SL Annex	5,724,183	2,256,602	2,673,776	(417,174)	24.6	(16,958)
375.0002	SL OPS Office	13,801,094	3,242,279	3,841,673	(599,394)	42.3	(14,170)
375.0003	Springville Service Center	1,607,166	786,264	931,619	(145,355)	23.6	(6,159)
375.0004	Bluffdale Service Center	797,716	109,558	129,812	(20,254)	40.0	(506)
375.0005	Ogden Service Center	4,339,865	790,636	936,799	(146,163)	38.2	(3,826)
375.0006	Logan Service Center	1,042,650	146,676	173,792	(27,116)	40.0	(678)
375.0010	Cedar City Service Center	515,445	55,328	65,556	(10,228)	33.0	(310)
375.0011	Fillmore Service Center	664,619	232,959	276,026	(43,067)	24.6	(1,751)
375.0012	St George Service Center	968,474	299,720	355,129	(55,409)	23.7	(2,338)
375.0099	All Other	24,697,773	6,272,007	7,431,501	(1,159,494)	29.8	(38,909)
	Subtotal Account 375	54,158,985	14,192,029	16,815,683	(2,623,654)		(85,605)
376	Mains	695,032,405	169,332,584	200,636,769	(31,304,185)	54.2	(577,568)
377	Compressor Station Equipment	4,331,718	1,931,771	2,288,894	(357,123)	19.0	(18,796)
378	Measuring and Regulating Station Equipment	37,425,296	8,318,010	9,855,744	(1,537,734)	28.2	(54,530)
380	Services	276,151,121	132,796,326	157,346,124	(24,549,798)	35.2	(697,437)
381.01	Meters	63,035,037	22,184,120	26,285,255	(4,101,135)	18.2	(225,337)
381.11	Meters - Telemetry Equipment	135,117	104,144	123,397	(19,253)	5.0 a	(3,851)
381.21	Meters - Transponders	53,485,037	19,005,818	22,519,387	(3,513,569)	8.4	(418,282)
382	Meter Installations	89,049,039	22,106,110	26,192,824	(4,086,714)	32.1	(127,312)
383	House Regulators	12,068,729	6,088,671	7,214,272	(1,125,601)	14.9	(75,544)
384	House Regulator Installations	3,025,717	682,182	808,296	(126,114)	37.2	(3,390)
387	Other Equipment	347,380	238,059	282,069	(44,010)	5.0 a	(8,802)
Total Distril	bution Plant	1,289,267,882	397,122,438	470,537,693	(73,415,255)		(2,296,861)

Table B. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations
Related to Gas Plant at December 31, 2007

	Depreciable Group	Original Cost at 12/31/07	Calculated Accrued Depreciation	Book Accumulated Depreciation	Reserve Variance	Remaining Life	Reserve Variance Amortization
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)	(7)=(5)/(6)
General Plant							
390.01	Structures and Improvements	7,001,914	1,989,622	2,862,202	(872,580)	28.6	(30,510)
390.41	Structures and Improvements - CNG Fuel Stations	1,258,013	827,912	1,191,006	(363,094)	5.1	(71,195)
391.01	Office Furniture & Equipment - Furniture	6,932,323	3,433,169	4,938,839	(1,505,670)	10.1	(149,076)
391.02	Office Furniture & Equipment - Equipment	1,717,628	1,019,215	1,466,208	(446,993)	5.0 a	(89,399)
391.03	Office Furniture & Equipment - Computer Hardware	6,627,317	4,024,711	5,789,811	(1,765,100)	5.0 a	(353,020)
391.04	Office Furniture & Equipment - Computer Software	44,725,999	21,087,560	30,335,841	(9,248,281)	5.3	(1,744,959)
392.01	Transportation Equipment - General	28,254,206	10,249,870	14,745,111	(4,495,241)	6.1	(736,925)
392.02	Transportation Equipment - CNG Tanks	1,238,588	784,642	1,128,759	(344,117)	5.0 a	(68,823)
393	Stores Equipment	10,645	5,800	8,344	(2,544)	9.1	(280)
394.1	Tools Shop and Garage Equipment - Small Tools	5,730,571	2,540,876	3,655,217	(1,114,341)	5.6	(198,989)
394.2	Tools Shop and Garage Equipment - Shop Equip	1,373,715	701,309	1,008,879	(307,570)	9.8	(31,385)
394.4	Tools Shop and Garage Equipment - CNG Equip	1,568,636	831,294	1,195,871	(364,577)	5.0 a	(72,915)
395	Laboratory Equipment	108,712	60,034	86,363	(26,329)	8.3	(3,172)
396	Power Operated Equipment	7,166,745	2,543,554	3,659,070	(1,115,516)	5.3	(210,475)
397.1	Communication Equipment - Mobile Radio	1,204,139	600,900	864,434	(263,534)	5.0 a	(52,707)
397.3	Communication Equipment - Base Stations	8,363,928	5,914,987	8,363,928	(2,448,941)	5.0 a	(489,788)
397.4	Communication Equipment - Telemetry	34,878	11,324	16,290	(4,966)	6.8	(730)
397.5	Communication Equipment - Other	1,074,451	588,555	846,675	(258,120)	5.0 a	(51,624)
398	Miscellaneous Equipment	475,488	307,991	443,065	(135,074)	5.6	(24,120)
Total General F	Plant	124,867,896	57,523,325	82,605,913	(25,082,588)		(4,380,092)
TOTAL DEPRE	CIABLE GAS PLANT STUDIED						

a For accounts with a remaining life of less than five years, a five year amortization period is used.

# =-9

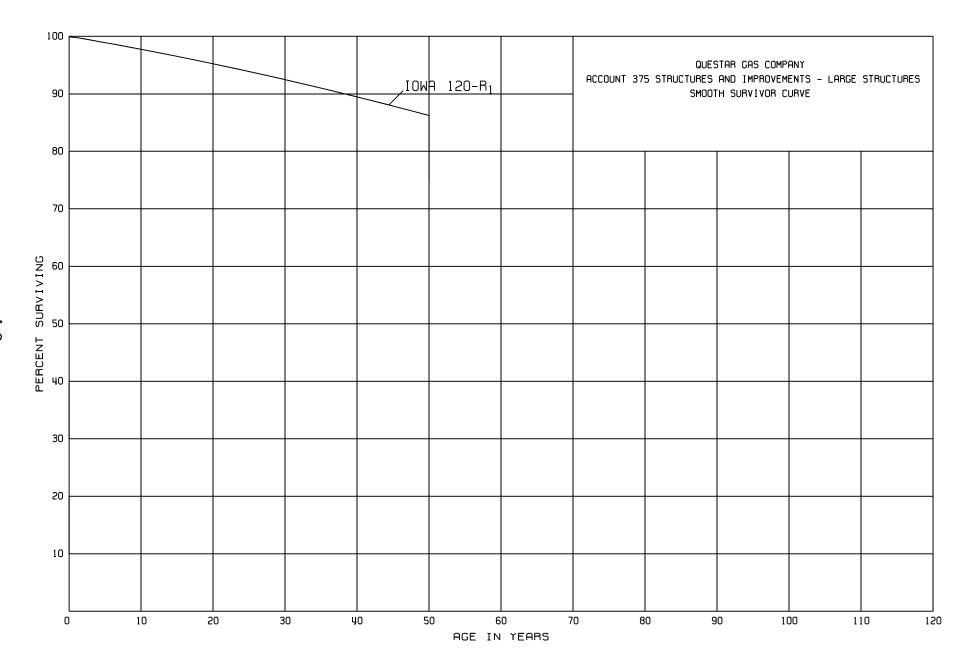
Table B. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations
Related to Gas Plant at December 31, 2007

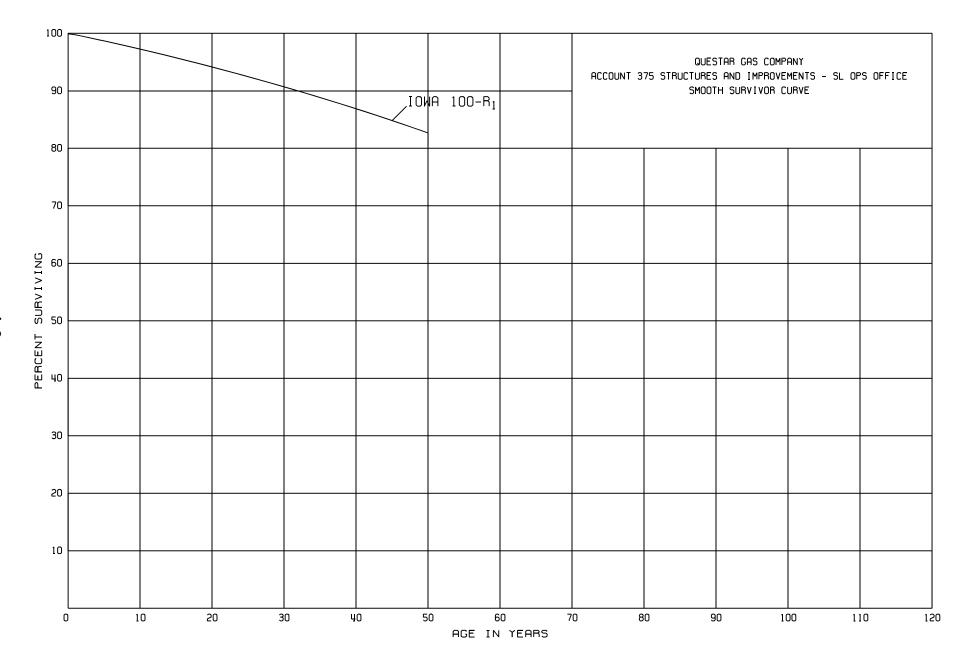
	Depreciable Group (1)	Original Cost at 12/31/07 (2)	Calculated Accrued Depreciation (3)	Book Accumulated Depreciation (4)	Reserve Variance (5)=(3)-(4)	Remaining Life (6)	Reserve Variance Amortization (7)=(5)/(6)
DEPRECIAB	LE GAS PLANT NOT STUDIED						
302	Franchises and Consents						
	Production Plant	85,265,841		67,126,749			
388	Asset Retirement Costs, Distribution	347,788		43,914			
399	Other Tangible Property	71,663		82,854			
TOTAL DEP	RECIABLE GAS PLANT NOT STUDIED						
TOTAL DEP	RECIABLE GAS PLANT IN SERVICE	1,499,821,070		620,397,123			
NONDEPRE	CIABLE GAS PLANT						
302	Franchises and Consents	69,626					
374.11	Land and Land Rights	4,182,781					
389	Land and Land Rights	649,643					
TOTAL NON	DEPRECIABLE GAS PLANT	4,902,050					
TOTAL GAS	PLANT IN SERVICE	1,504,723,120		620,397,123			

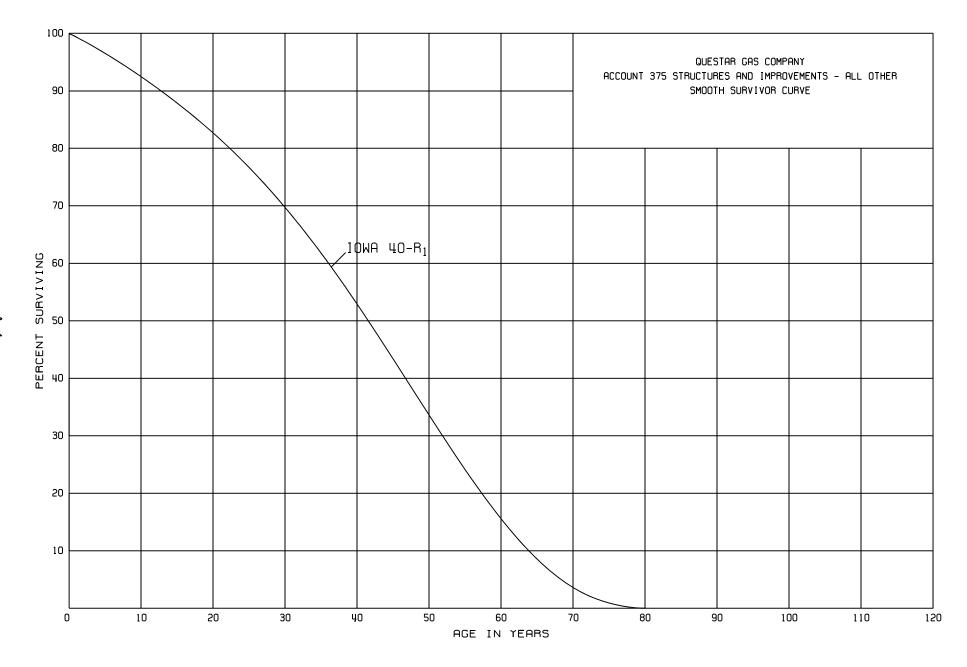
Table C. Calculation of Total Annual Depreciation Including Amortizations of the Reserve Variance Related to Gas Plant at December 31, 2007

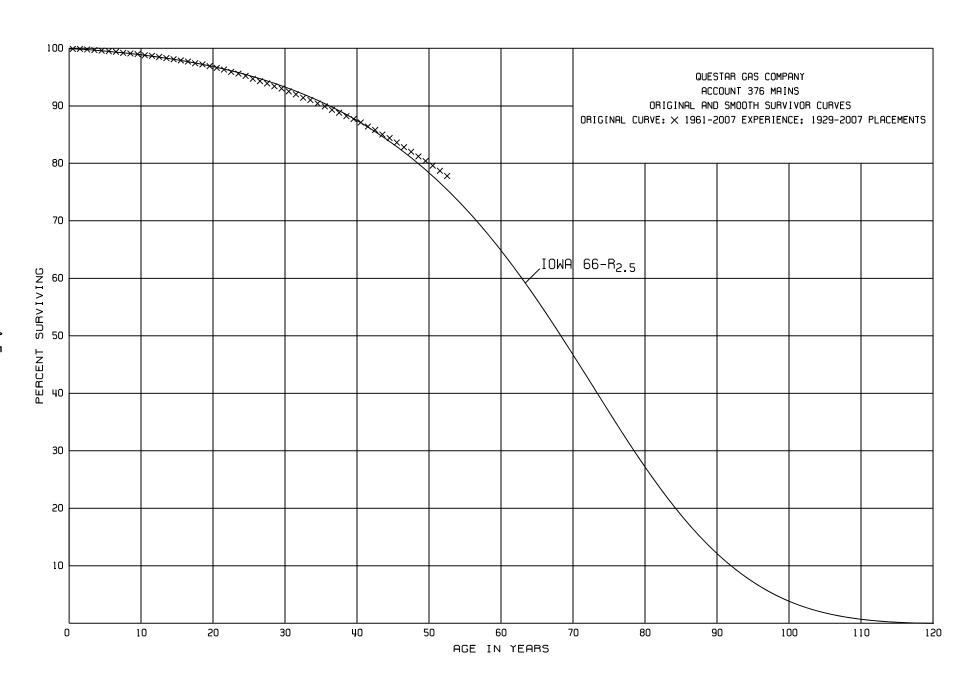
	Depreciable Group	Original Cost at 12/31/07	Annual Accrual Amount	Reserve Variance Amortization	Total Annual Depreciation
	(1)	(2)	(3)	(4)	(5)
DEPRECIABLE	GAS PLANT				
Distribution 374.21	Plant Land Rights	1,022,301	13,597	(407)	13,190
07 1.21	Land Mgmo	1,022,001	10,007	(107)	10,100
	Account 375 - Structures and Improvements				
375.0001	SL Annex	5,724,183	141,270	(16,958)	124,312
375.0002	SL OPS Office	13,801,094	249,488	(14,170)	235,318
375.0003	Springville Service Center	1,607,166	34,857	(6,159)	28,698
375.0004	Bluffdale Service Center	797,716	17,211	(506)	16,705
375.0005	Ogden Service Center	4,339,865	92,995	(3,826)	89,169
375.0006 375.0010	Logan Service Center Cedar City Service Center	1,042,650 515,445	22,409 13,939	(678) (310)	21,731 13,629
375.0010	Fillmore Service Center	664,619	17,551	(1,751)	15,800
375.0011	St George Service Center	968,474	28,248	(2,338)	25,910
375.0012	All Other	24,697,773	617,444	(38,909)	578,535
373.0033	Subtotal Account 375	54,158,985	1,235,412	(85,605)	1,149,807
	Gubtotal Account 570	04, 100,900	1,200,412	(00,000)	1,149,007
376	Mains	695,032,405	14,579,000	(577,568)	14,001,432
377	Compressor Station Equipment	4,331,718	137,814	(18,796)	119,018
378	Measuring and Regulating Station Equipment	37,425,296	1,430,394	(54,530)	1,375,864
380	Services	276,151,121	9,576,921	(697,437)	8,879,484
381.01	Meters	63,035,037	2,250,351	(225,337)	2,025,014
381.11	Meters - Telemetry Equipment	135,117	9,012	(3,851)	5,161
381.21	Meters - Transponders	53,485,037	4,112,999	(418,282)	3,694,717
382	Meter Installations	89,049,039	2,224,882	(127,312)	2,097,570
383	House Regulators	12,068,729	401,889	(75,544)	326,345
384	House Regulator Installations	3,025,717	62,935	(3,390)	59,545
387	Other Equipment	347,380	28,537	(8,802)	19,735
Total Distrib	oution Plant	1,289,267,882	36,063,743	(2,296,861)	33,766,882
General Plant					
390.01	Structures and Improvements	7,001,914	175,048	(30,510)	144,538
390.41	Structures and Improvements - CNG Fuel Stations	1,258,013	83,909	(71,195)	12,714
391.01	Office Furniture & Equipment - Furniture	6,932,323	346,449	(149,076)	197,373
391.02	Office Furniture & Equipment - Equipment	1,717,628	245,449	(89,399)	156,050
391.03	Office Furniture & Equipment - Computer Hardware	6,627,317	1,574,679	(353,020)	1,221,659
391.04	Office Furniture & Equipment - Computer Software	44,725,999	4,470,478	(1,744,959)	2,725,519
392.01	Transportation Equipment - General	28,254,206	2,313,121	(736,925)	1,576,196
392.02	Transportation Equipment - CNG Tanks	1,238,588	114,376	(68,823)	45,553
393	Stores Equipment	10,645	532	(280)	252
394.1	Tools Shop and Garage Equipment - Small Tools	5,730,571	572,504	(198,989)	373,515
394.2	Tools Shop and Garage Equipment - Shop Equip	1,373,715	68,686	(31,385)	37,301
394.4	Tools Shop and Garage Equipment - CNG Equip	1,568,636	155,051	(72,915)	82,136
395	Laboratory Equipment	108,712	5,886	(3,172)	2,714
396	Power Operated Equipment	7,166,745	533,460	(210,475)	322,985
397.1	Communication Equipment - Mobile Radio	1,204,139	207,207	(52,707)	154,500
397.3	Communication Equipment - Base Stations	8,363,928	685,409	(489,788)	195,621
397.4	Communication Equipment - Telemetry	34,878	3,488	(730)	2,758
397.5	Communication Equipment - Other	1,074,451	106,479	(51,624)	54,855
398	Miscellaneous Equipment	475,488	29,842	(24,120)	5,722
Total General P	Plant	124,867,896	11,692,053	(4,380,092)	7,311,961
TOTAL DEPRE	CIABLE GAS PLANT STUDIED				











# ACCOUNT 376 MAINS

# ORIGINAL LIFE TABLE

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	S RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	683,588,906 595,585,820 546,368,261 516,571,959 494,788,653 461,259,519 431,906,761 408,873,081 368,194,342 344,105,537	268,348 482,721 483,722 495,620 499,655 496,097 510,068 498,911 486,093 465,823	0.0004 0.0008 0.0009 0.0010 0.0011 0.0011 0.0012 0.0012 0.0013	0.9996 0.9992 0.9991 0.9990 0.9989 0.9988 0.9988 0.9987 0.9986	100.00 99.96 99.88 99.79 99.69 99.59 99.48 99.36 99.24
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	327,426,819 303,083,768 288,415,140 273,134,010 263,335,916 253,589,454 229,789,730 220,103,260 212,619,848 192,496,066	471,424 508,534 460,965 511,570 495,311 563,961 577,467 559,268 591,146 537,448	0.0014 0.0017 0.0016 0.0019 0.0019 0.0022 0.0025 0.0025 0.0028	0.9986 0.9983 0.9984 0.9981 0.9978 0.9975 0.9975 0.9972	98.97 98.83 98.66 98.50 98.31 98.12 97.90 97.66 97.42 97.15
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	178,469,623 146,717,736 142,426,495 136,349,828 129,238,836 123,466,861 117,537,238 109,225,018 101,099,335 93,027,062	500,309 494,723 496,655 516,361 550,123 549,642 508,044 537,383 478,806 464,776	0.0028 0.0034 0.0035 0.0038 0.0043 0.0045 0.0049 0.0047 0.0050	0.9972 0.9966 0.9965 0.9962 0.9957 0.9955 0.9951 0.9953 0.9950	96.88 96.61 96.28 95.94 95.58 95.17 94.74 94.33 93.87 93.43
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	86,692,736 81,139,199 76,796,163 72,768,077 70,463,984 66,746,084 64,137,848 60,109,988 57,781,203 55,680,973	462,056 435,265 447,825 387,612 426,242 396,134 385,317 371,082 376,513 349,286	0.0053 0.0054 0.0058 0.0053 0.0060 0.0059 0.0060 0.0062 0.0065 0.0063	0.9947 0.9946 0.9942 0.9947 0.9940 0.9941 0.9938 0.9935 0.9937	92.96 92.47 91.97 91.44 90.96 90.41 89.88 89.34 88.79 88.21

#### ACCOUNT 376 MAINS

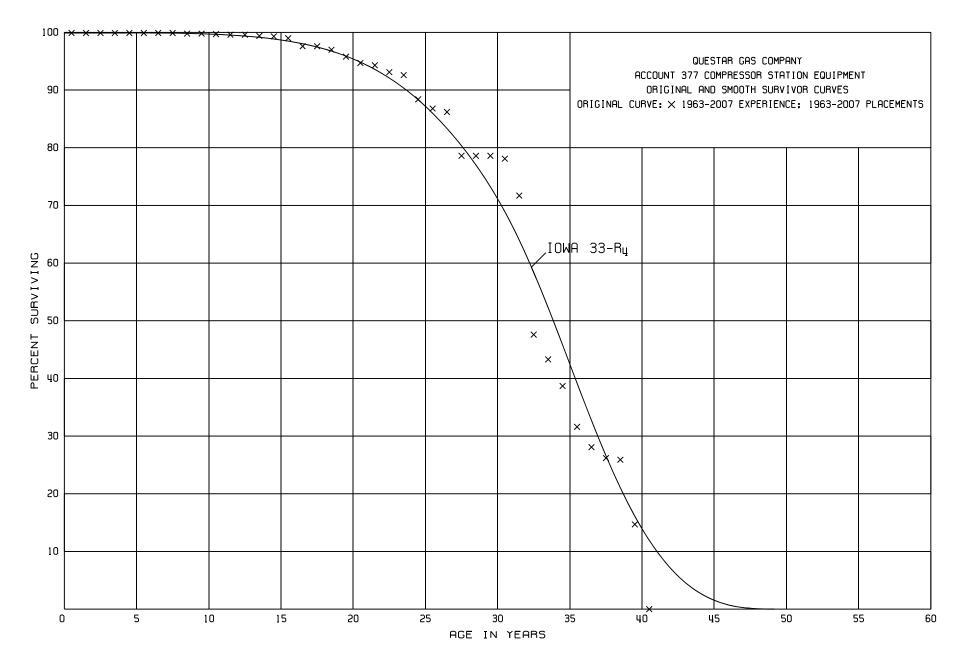
#### ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2007 EXPERIENCE BAND 1961-2007 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO INTERVAL RATIO 39.5 53,677,943 369,649 0.0069 0.9931 87.65 394,053 0.0076 0.9924 40.5 52,060,065 87.05 41.5 46,484,112 340,493 0.0073 0.9927 86.39 42,260,520 42.5 363,771 0.0086 0.9914 85.76 291,446 0.9924 85.02 43.5 38,162,844 0.0076 44.5 33,743,132 296,848 0.0088 0.9912 84.37 45.5 29,586,510 295,606 0.0100 0.9900 83.63 46.5 26,916,211 252,687 0.0094 0.9906 82.79 47.5 22,582,951 225,303 0.0100 0.9900 82.01 48.5 19,721,417 204,313 0.0104 0.9896 81.19 49.5 17,564,269 174,250 0.0099 0.9901 80.35 50.5 12,430,657 129,593 0.0104 0.9896 79.55 51.5 10,783,612 130,112 0.0121 0.9879 78.72 52.5 9,252,876 108,794 0.0118 0.9882 77.77 53.5 7,875,156 103,051 0.0131 0.9869 76.85 87,484 0.0128 0.9872 75.84 54.5 6,861,417 55.5 89,278 6,153,309 0.0145 0.9855 74.87 56.5 5,438,991 85,100 0.0156 0.9844 73.78 57.5 69,765 0.0150 0.9850 72.63 4,663,261 58.5 3,993,330 58,596 0.0147 0.9853 71.54 59.5 3,338,093 51,342 0.0154 0.9846 70.49 2,606,344 60.5 39,917 0.0153 0.9847 69.40 61.5 1,700,624 29,548 0.0174 0.9826 68.34 62.5 1,454,875 33,230 0.0228 0.9772 67.15 63.5 1,234,680 31,874 0.9742 65.62 0.0258 23,541 0.9773 63.93 64.5 1,035,345 0.0227 18,794 65.5 873,442 0.0215 0.9785 62.48 66.5 735,138 16,577 0.0225 0.9775 61.14 67.5 509,765 11,708 0.0230 0.9770 59.76 6,436 0.0236 0.9764 58.39 68.5 272,145 69.5 195,528 3,336 0.0171 0.9829 57.01 70.5 133,379 3,485 0.0261 0.9739 56.04 0.0110 0.9890 71.5 80,973 887 54.58 72.5 0.0457 0.9543 36,754 1,680 53.98 35,074 73.5 0.1032 0.8968 3,621 51.51 74.5 31,453 1,521 0.0484 0.9516 46.19 1,104 75.5 29,932 0.0369 0.9631 43.95 1,022 0.0355 0.9645 76.5 28,828 42.33 992 0.0357 0.9643 77.5 27,806 40.83

39.37

78.5





# ACCOUNT 377 COMPRESSOR STATION EQUIPMENT

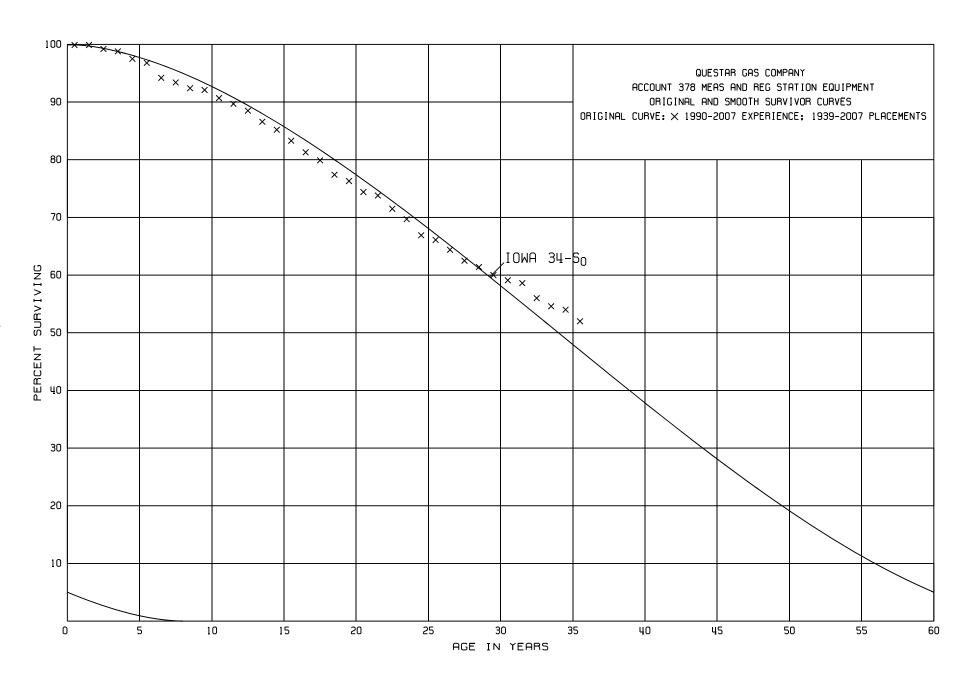
# ORIGINAL LIFE TABLE

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	S RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	5,316,683 5,176,314 5,176,256 4,888,475 4,238,614 3,881,296 3,575,790 3,566,289 3,292,885 3,288,069	27 58 161 469 158 759 672 537 4,816 1,124	0.0000 0.0000 0.0000 0.0001 0.0000 0.0002 0.0002 0.0002 0.0015 0.0003	1.0000 1.0000 1.0000 0.9999 1.0000 0.9998 0.9998 0.9998 0.9985	100.00 100.00 100.00 100.00 99.99 99.97 99.97 99.95 99.93
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	2,999,968 2,999,669 2,995,475 2,994,279 2,981,565 2,980,080 2,969,529 2,912,723 2,811,277 2,793,537	299 2,890 1,196 7,061 530 10,551 40,967 1,732 15,645 34,721	0.0001 0.0010 0.0004 0.0024 0.0002 0.0035 0.0138 0.0006 0.0056 0.0124	0.9999 0.9990 0.9996 0.9976 0.9998 0.9965 0.9862 0.9994 0.9944	99.75 99.74 99.64 99.36 99.34 98.99 97.62 97.56 97.01
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,713,243 1,346,095 1,329,938 1,274,412 1,123,701 963,847 916,547 900,264 816,840 816,716	30,942 5,701 17,814 6,768 50,127 17,963 6,519 78,952 124 436	0.0114 0.0042 0.0134 0.0053 0.0446 0.0186 0.0071 0.0877 0.0002 0.0005	0.9886 0.9958 0.9866 0.9947 0.9554 0.9814 0.9929 0.9123 0.9998 0.9995	95.81 94.72 94.32 93.06 92.57 88.44 86.80 86.18 78.62 78.60
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	815,349 807,991 736,795 489,339 445,386 397,984 325,145 159,413 124,433 122,695	5,268 65,792 247,456 43,953 47,402 72,839 36,515 10,648 1,552 52,813	0.0065 0.0814 0.3359 0.0898 0.1064 0.1830 0.1123 0.0668 0.0125 0.4304	0.9935 0.9186 0.6641 0.9102 0.8936 0.8170 0.8877 0.9332 0.9875 0.5696	78.56 78.05 71.70 47.62 43.34 38.73 31.64 28.09 26.21 25.88

# ACCOUNT 377 COMPRESSOR STATION EQUIPMENT

# ORIGINAL LIFE TABLE, CONT.

PLACEMENT	BAND 1963-2007	I	EXPERIEN(	CE BAND	1963-2007
	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5	61,008	61,008	1.0000	0.0000	14.74 0.00



# ACCOUNT 378 MEAS AND REG STATION EQUIPMENT

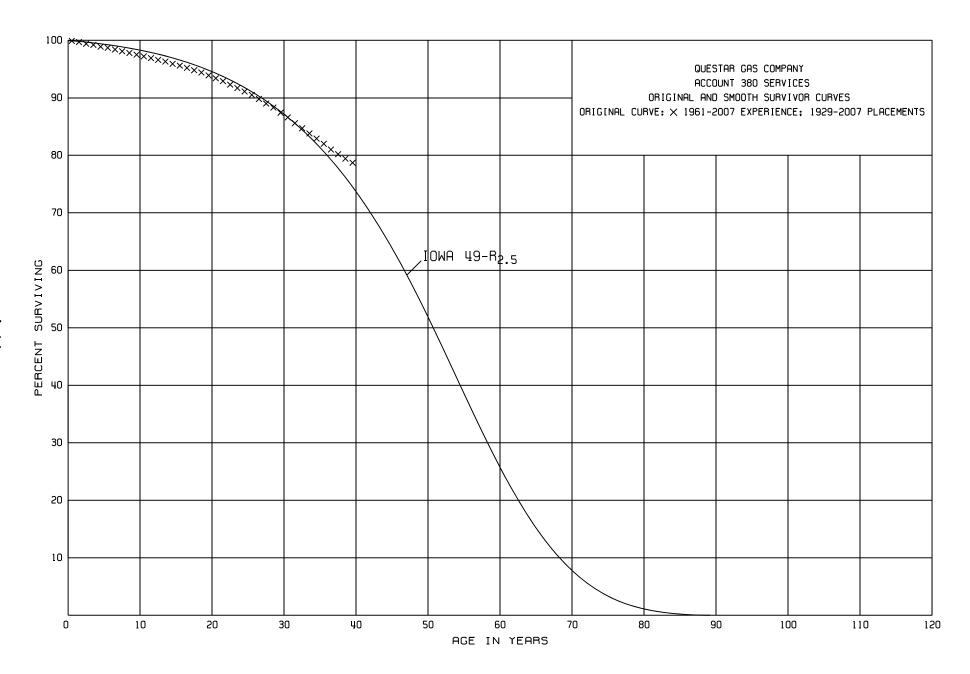
# ORIGINAL LIFE TABLE

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	34,464,811 29,340,285	12,911 31,816	0.0004	0.9996	100.00
1.5 2.5	23,164,187 21,696,083	159,849 85,840	0.0069	0.9931	99.85 99.16
3.5	20,886,980	267,994	0.0128	0.9872	98.76
4.5	19,271,667	147,378	0.0076	0.9924	97.50
5.5	13,576,929	358,461	0.0264	0.9736	96.76
6.5 7.5	12,131,204 10,504,908	102,222 116,576	0.0084	0.9916	94.21 93.42
8.5	9,672,906	27,725	0.0029	0.9971	92.38
9.5	8,885,018	133,280	0.0150	0.9850	92.11
10.5	8,402,522	96,015	0.0114	0.9886	90.73
11.5	8,060,219	110,990	0.0138	0.9862	89.70
12.5	5,984,235	125,011	0.0209	0.9791	88.46
13.5	5,471,140	87,117	0.0159	0.9841	86.61
14.5	4,496,603	101,706	0.0226	0.9774	85.23
15.5	4,067,836	96,691	0.0238	0.9762	83.30
16.5	3,838,185	69,492	0.0181	0.9819	81.32
17.5	3,562,200	111,363	0.0313	0.9687	79.85
18.5	3,224,262	44,987		0.9860	77.35
19.5	3,026,508	73,088	0.0241	0.9759	76.27
20.5	2,485,698	20,986	0.0084	0.9916	74.43
21.5	2,282,984	71,839	0.0315	0.9685	73.80
22.5	2,112,291	53,142	0.0252	0.9748	71.48
23.5	1,906,010	75,184	0.0394	0.9606	69.68
24.5	1,656,020	21,768	0.0131	0.9869	66.93
25.5	1,450,546	36,642	0.0253	0.9747	66.05
26.5	1,418,102	40,715	0.0287	0.9713	64.38
27.5	1,420,991	24,667	0.0174	0.9826	62.53
28.5	1,404,037	32,163	0.0229	0.9771	61.44
29.5	1,300,159	21,352	0.0164	0.9836	60.03
30.5	1,102,476	8,593	0.0078	0.9922	59.05
31.5 32.5	1,095,765 1,052,395	48,858 25,976	0.0446	0.9554	58.59 55.98
33.5	1,030,833	11,632	0.0113	0.9887	54.60
34.5	978,902	35,685	0.0365	0.9635	53.98
35.5	983,295	13,916	0.0142	0.9858	52.01
36.5	972,037	6,795	0.0070	0.9930	51.27
37.5	852,460	18,416	0.0216	0.9784	50.91
38.5	827,478	11,755	0.0142	0.9858	49.81

# ACCOUNT 378 MEAS AND REG STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENT DURING AGE INTERVAL		SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 445.5 445.5 46.5 47.5 48.5 50.5 51.5 52.5 53.5 54.5	796,090 729,824 722,690 742,263 677,036 910,580 512,316 449,149 418,403 401,848 365,028 312,503 286,290 265,195 212,274 168,750	8,665 9,943 11,711 11,477 669 11,958 6,343 2,240 2,722 1,631 696 739 3,471	0.0109 0.0136 0.0162 0.0155 0.0010 0.0131 0.0124 0.0050 0.0065 0.0041 0.0019 0.0000 0.0026 0.0131 0.0000 0.0089	0.9891 0.9864 0.9838 0.9845 0.9990 0.9869 0.9950 0.9959 0.9959 0.9959 0.9974 0.9869 1.0000 0.9911	49.10 48.56 47.90 47.12 46.39 46.34 45.73 45.16 44.93 44.64 44.46 44.38 44.38 44.38 44.38 44.38
55.5 56.5 57.5 58.5	55,783 52,916 51,169 42,660	370	0.0000 0.0070 0.0000 0.0000	1.0000 0.9930 1.0000 1.0000	43.29 43.29 42.99 42.99
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	7,257 556 540 450 450 450 263 28		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	42.99 42.99 42.99 42.99 42.99 42.99 42.99 42.99 42.99



# ACCOUNT 380 SERVICES

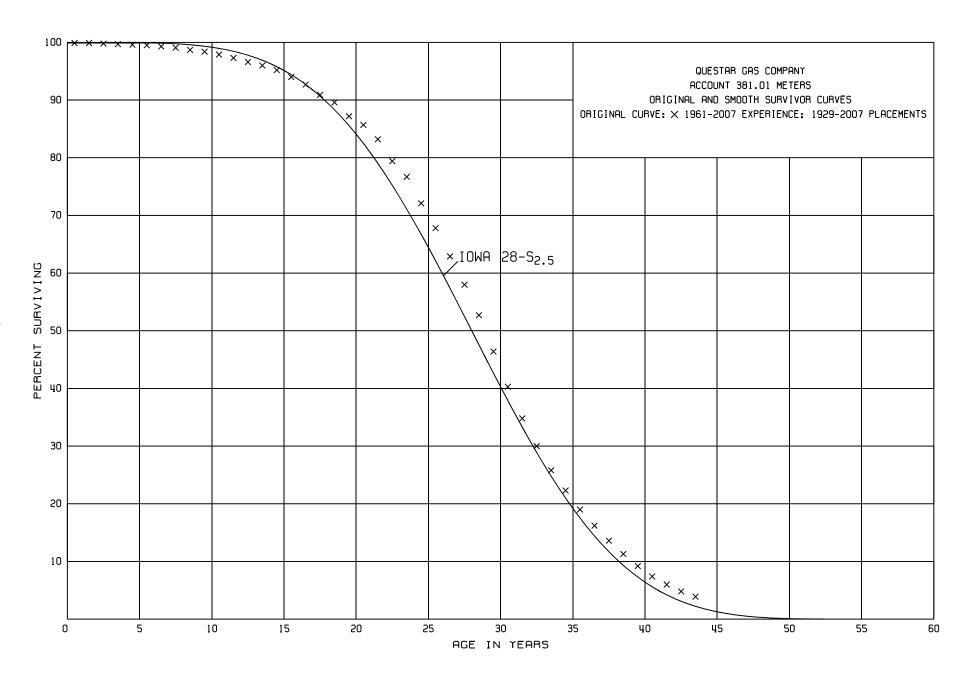
# ORIGINAL LIFE TABLE

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	276,956,886 272,312,810 268,604,728 262,994,686 257,569,036 249,570,679 233,172,226 217,267,449 191,706,842 182,045,730	344,890 616,240 659,846 588,672 639,955 626,635 636,483 608,527 588,556 541,557	0.0012 0.0023 0.0025 0.0022 0.0025 0.0025 0.0027 0.0028 0.0031 0.0030	0.9988 0.9977 0.9975 0.9978 0.9975 0.9973 0.9972 0.9969 0.9970	100.00 99.88 99.65 99.40 99.18 98.93 98.68 98.41 98.13 97.83
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	165,155,501 164,962,054 154,360,855 146,115,645 136,895,239 127,490,309 118,215,029 111,244,714 104,270,988 95,649,409	522,801 530,068 493,758 534,035 487,604 472,726 473,170 463,246 461,167 471,855	0.0032 0.0032 0.0032 0.0037 0.0036 0.0037 0.0040 0.0042 0.0044	0.9968 0.9968 0.9963 0.9964 0.9963 0.9960 0.9958 0.9956	97.54 97.23 96.92 96.61 96.25 95.90 95.55 95.17 94.77 94.35
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	91,780,478 79,498,318 74,104,182 69,367,397 64,174,239 60,095,171 55,700,717 51,104,016 46,793,649 42,247,840	457,551 451,476 456,088 450,851 431,066 424,268 411,290 425,607 408,284 390,983	0.0050 0.0057 0.0062 0.0065 0.0067 0.0071 0.0074 0.0083 0.0087 0.0093	0.9950 0.9943 0.9938 0.9935 0.9933 0.9929 0.9926 0.9917 0.9913	93.89 93.42 92.89 92.31 91.71 91.10 90.45 89.78 89.03 88.26
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	37,697,539 33,677,434 30,532,199 27,831,190 25,462,478 23,441,160 21,725,038 20,275,999 19,059,883 18,007,242	371,811 361,635 324,910 309,703 283,777 257,197 244,533 203,788 184,623 171,582	0.0099 0.0107 0.0106 0.0111 0.0111 0.0110 0.0113 0.0101 0.0097 0.0095	0.9901 0.9893 0.9894 0.9889 0.9889 0.9887 0.9887 0.9899 0.9903	87.44 86.57 85.64 84.73 83.79 82.86 81.95 81.02 80.20 79.42

# ACCOUNT 380 SERVICES

# ORIGINAL LIFE TABLE, CONT.

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENT DURING AGE INTERVAL	S RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	17,087,735	153,414	0.0090	0.9910	78.67
40.5	16,194,912	148,559	0.0092	0.9908	77.96
41.5	15,255,269	127,162	0.0083	0.9917	77.24
42.5	14,291,025	113,801	0.0080	0.9920	76.60
43.5	13,382,452	97,597	0.0073	0.9927	75.99
44.5	12,325,779	91,137	0.0074	0.9926	75.44
45.5	11,502,543	79,251	0.0069	0.9931	74.88
46.5	10,520,197	77,747	0.0074	0.9926	74.36
47.5	9,308,481	61,708	0.0066	0.9934	73.81
48.5	7,583,880	50,996	0.0067	0.9933	73.32
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,344,168 5,195,602 4,381,291 3,548,897 2,848,550 2,170,270 1,759,937 1,421,472 1,071,405 919,440	44,287 28,156 31,872 25,473 18,454 14,958 12,612 10,992 6,769 5,638	0.0070 0.0054 0.0073 0.0072 0.0065 0.0069 0.0072 0.0077 0.0063 0.0061	0.9930 0.9946 0.9927 0.9928 0.9935 0.9931 0.9928 0.9923 0.9937	72.83 72.32 71.93 71.40 70.89 70.43 69.94 69.44 68.91 68.48
59.5	710,024	4,545	0.0064	0.9936	68.06
60.5	525,771	3,383	0.0064	0.9938	67.62
61.5	405,359	2,503	0.0062	0.9938	67.19
62.5	331,141	2,009	0.0061	0.9939	66.77
63.5	268,709	1,598	0.0059	0.9941	66.36
64.5	215,657	23,349	0.1083	0.8917	65.97
65.5	149,716	21,108	0.1410	0.8590	58.83
66.5	93,174	17,018	0.1826	0.8174	50.53
67.5	46,585	13,666	0.2934	0.7066	41.30
68.5	31,316	360	0.0115	0.9885	29.18
69.5	30,956	9,868	0.3188	0.6812	28.84
70.5	21,088	7,741	0.3671	0.6329	19.65



# ACCOUNT 381.01 METERS

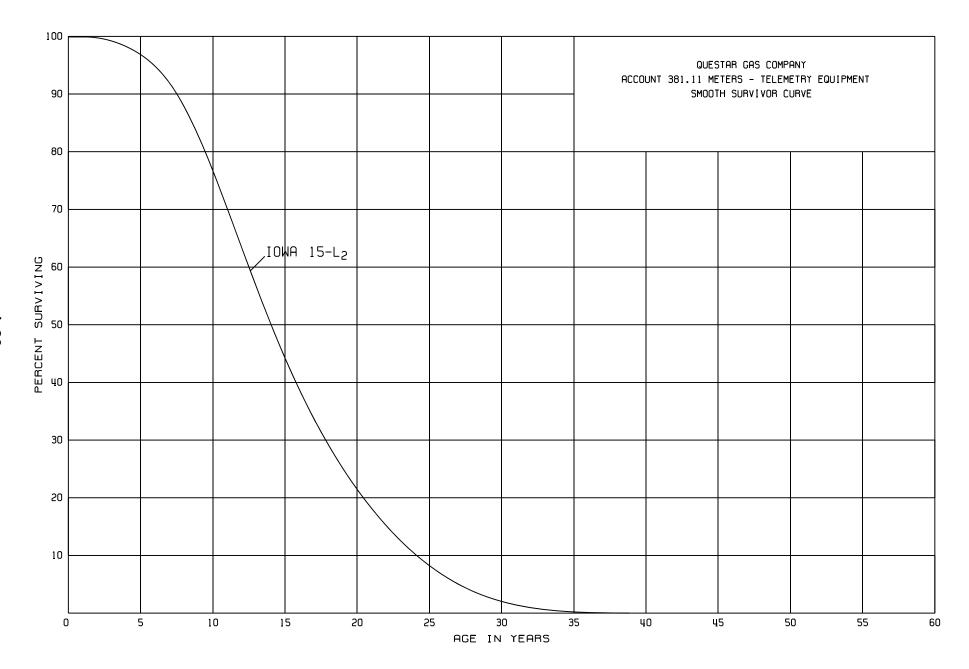
# ORIGINAL LIFE TABLE

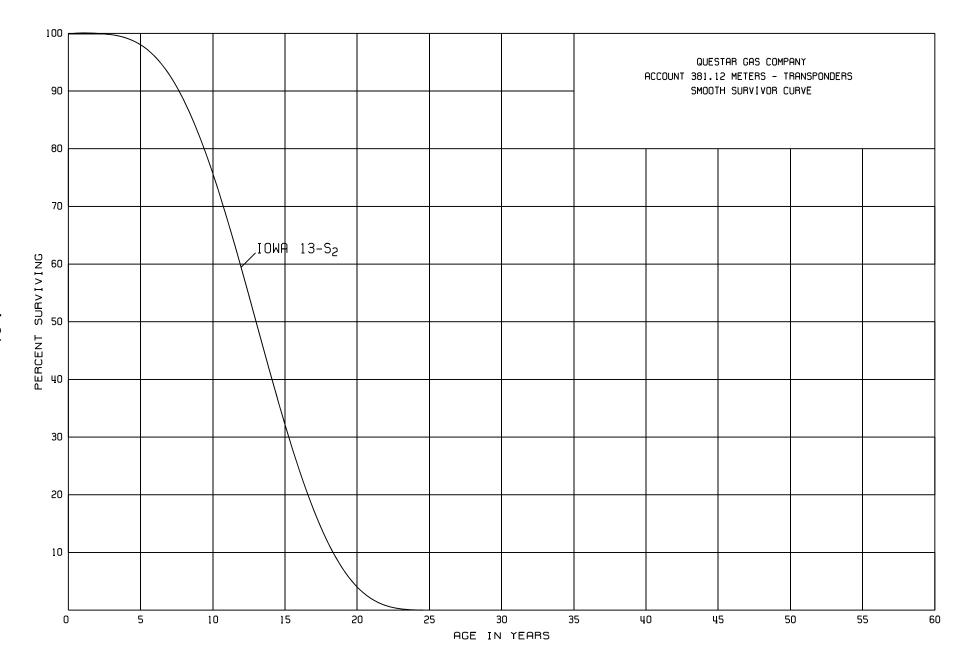
INTERVAL         AGE         INTERVAL         RATIO         RATIO         INTERVAL           0.0         76,661,029         15,092         0.0002         0.9998         100.           0.5         72,866,176         39,477         0.0005         0.9995         99.           1.5         68,772,395         67,232         0.0010         0.9990         99.           2.5         65,164,180         89,178         0.0014         0.9986         99.           3.5         61,209,319         58,129         0.0009         0.9991         99.           4.5         57,173,911         79,240         0.0014         0.9986         99.           5.5         53,638,457         87,861         0.0016         0.9984         99.           6.5         47,318,802         106,438         0.0022         0.9978         99.           7.5         38,372,503         135,924         0.0035         0.9965         99.           8.5         36,239,740         137,580         0.0038         0.9962         98.	SURV I OF
0.5       72,866,176       39,477       0.0005       0.9995       99.         1.5       68,772,395       67,232       0.0010       0.9990       99.         2.5       65,164,180       89,178       0.0014       0.9986       99.         3.5       61,209,319       58,129       0.0009       0.9991       99.         4.5       57,173,911       79,240       0.0014       0.9986       99.         5.5       53,638,457       87,861       0.0016       0.9984       99.         6.5       47,318,802       106,438       0.0022       0.9978       99.         7.5       38,372,503       135,924       0.0035       0.9965       99.	
1.5     68,772,395     67,232     0.0010     0.9990     99.       2.5     65,164,180     89,178     0.0014     0.9986     99.       3.5     61,209,319     58,129     0.0009     0.9991     99.       4.5     57,173,911     79,240     0.0014     0.9986     99.       5.5     53,638,457     87,861     0.0016     0.9984     99.       6.5     47,318,802     106,438     0.0022     0.9978     99.       7.5     38,372,503     135,924     0.0035     0.9965     99.	
2.5       65,164,180       89,178       0.0014       0.9986       99.         3.5       61,209,319       58,129       0.0009       0.9991       99.         4.5       57,173,911       79,240       0.0014       0.9986       99.         5.5       53,638,457       87,861       0.0016       0.9984       99.         6.5       47,318,802       106,438       0.0022       0.9978       99.         7.5       38,372,503       135,924       0.0035       0.9965       99.	
3.5     61,209,319     58,129     0.0009     0.9991     99.       4.5     57,173,911     79,240     0.0014     0.9986     99.       5.5     53,638,457     87,861     0.0016     0.9984     99.       6.5     47,318,802     106,438     0.0022     0.9978     99.       7.5     38,372,503     135,924     0.0035     0.9965     99.	
4.5       57,173,911       79,240       0.0014       0.9986       99.         5.5       53,638,457       87,861       0.0016       0.9984       99.         6.5       47,318,802       106,438       0.0022       0.9978       99.         7.5       38,372,503       135,924       0.0035       0.9965       99.	
5.5 53,638,457 87,861 0.0016 0.9984 99. 6.5 47,318,802 106,438 0.0022 0.9978 99. 7.5 38,372,503 135,924 0.0035 0.9965 99.	
6.5 47,318,802 106,438 0.0022 0.9978 99. 7.5 38,372,503 135,924 0.0035 0.9965 99.	
7.5 38,372,503 135,924 0.0035 0.9965 99.	
8.5 36,239,740 137,580 0.0038 0.9962 98.	
	73
9.5 33,691,212 169,931 0.0050 0.9950 98.	35
10.5 31,456,065 185,205 0.0059 0.9941 97.	86
11.5 29,373,024 195,818 0.0067 0.9933 97.	
12.5 27,228,806 182,481 0.0067 0.9933 96.	
13.5 25,525,163 209,933 0.0082 0.9918 95.	
14.5     23,953,506     298,207     0.0124     0.9876     95.       15.5     22,393,702     321,183     0.0143     0.9857     94.	
15.5 22,393,702 321,183 0.0143 0.9857 94. 16.5 21,159,622 413,692 0.0196 0.9804 92.	
17.5 20,080,130 286,944 0.0143 0.9857 90.	
18.5 19,389,624 519,033 0.0268 0.9732 89.	
19.5 18,150,419 309,304 0.0170 0.9830 87.	15
20.5 17,306,679 499,806 0.0289 0.9711 85.	67
21.5 16,137,559 729,990 0.0452 0.9548 83.	
22.5 15,246,781 522,429 0.0343 0.9657 79.	
23.5 14,153,206 846,900 0.0598 0.9402 76.	
24.5 13,177,316 793,191 0.0602 0.9398 72. 25.5 12,137,319 880,272 0.0725 0.9275 67.	
26.5 10,815,088 844,428 0.0781 0.9219 62.	
27.5 9,823,421 895,087 0.0911 0.9089 57.	
28.5 8,667,900 1,039,529 0.1199 0.8801 52.	
29.5 7,490,349 974,418 0.1301 0.8699 46.	36
30.5 6,452,107 880,322 0.1364 0.8636 40.	33
31.5 5,581,957 776,846 0.1392 0.8608 34.	83
32.5 4,805,111 677,250 0.1409 0.8591 29.	
33.5 4,127,861 558,092 0.1352 0.8648 25.	
34.5 3,569,769 529,679 0.1484 0.8516 22. 35.5 3,040,090 450,472 0.1482 0.8518 18.	
35.5 3,040,090 450,472 0.1482 0.8518 18. 36.5 2,589,618 407,707 0.1574 0.8426 16.	
37.5 2,181,911 375,103 0.1719 0.8281 13.	
38.5 1,806,808 335,126 0.1855 0.8145 11.	

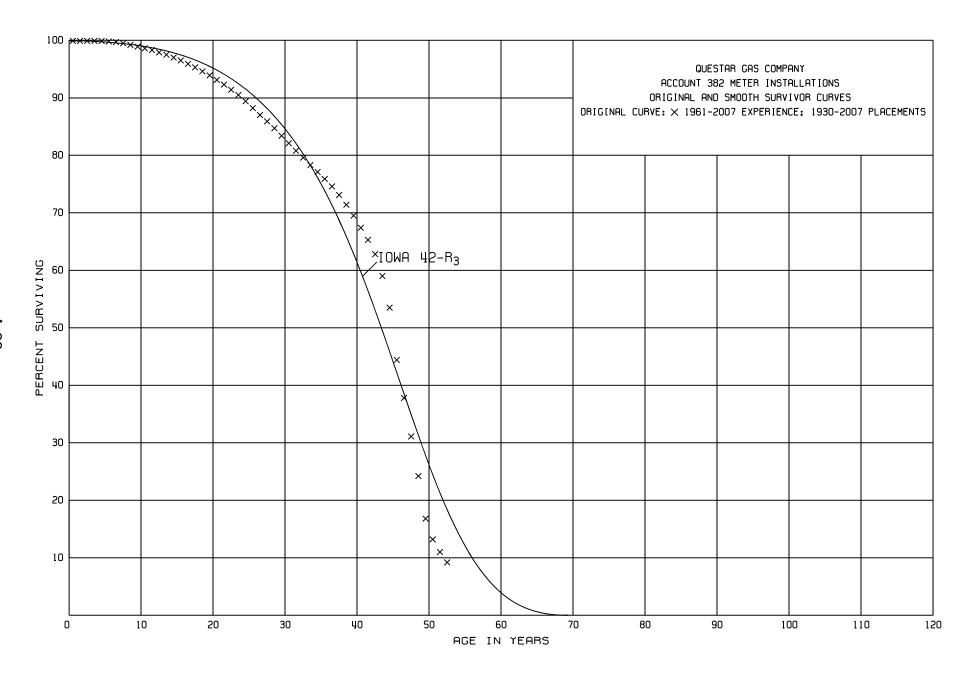
# ACCOUNT 381.01 METERS

# ORIGINAL LIFE TABLE, CONT.

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	S RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,471,682 1,183,622 963,108 772,521 625,772 512,366 426,960 358,029 297,462 244,475	288,060 220,514 190,587 146,749 113,406 85,406 68,931 60,567 52,987 46,143	0.1957 0.1863 0.1979 0.1900 0.1812 0.1667 0.1614 0.1692 0.1781 0.1887	0.8043 0.8137 0.8021 0.8100 0.8188 0.8333 0.8386 0.8308 0.8219 0.8113	9.19 7.39 6.01 4.82 3.90 3.19 2.66 2.23 1.85 1.52
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	198,332 158,774 125,199 96,538 72,725 53,192 37,909 26,756 17,818 10,498	39,558 33,575 28,661 23,813 19,533 15,283 11,153 8,938 7,320 5,926	0.1995 0.2115 0.2289 0.2467 0.2686 0.2873 0.2942 0.3341 0.4108 0.5645	0.8005 0.7885 0.7711 0.7533 0.7314 0.7127 0.7058 0.6659 0.5892 0.4355	1.23 0.98 0.77 0.59 0.44 0.32 0.23 0.16 0.11
59.5 60.5	4,572	4,572	1.0000	0.0000	0.03







# ACCOUNT 382 METER INSTALLATIONS

# ORIGINAL LIFE TABLE

PLACEMENT BAND 1930-2007 EXPERIENCE BAND 1961-2007

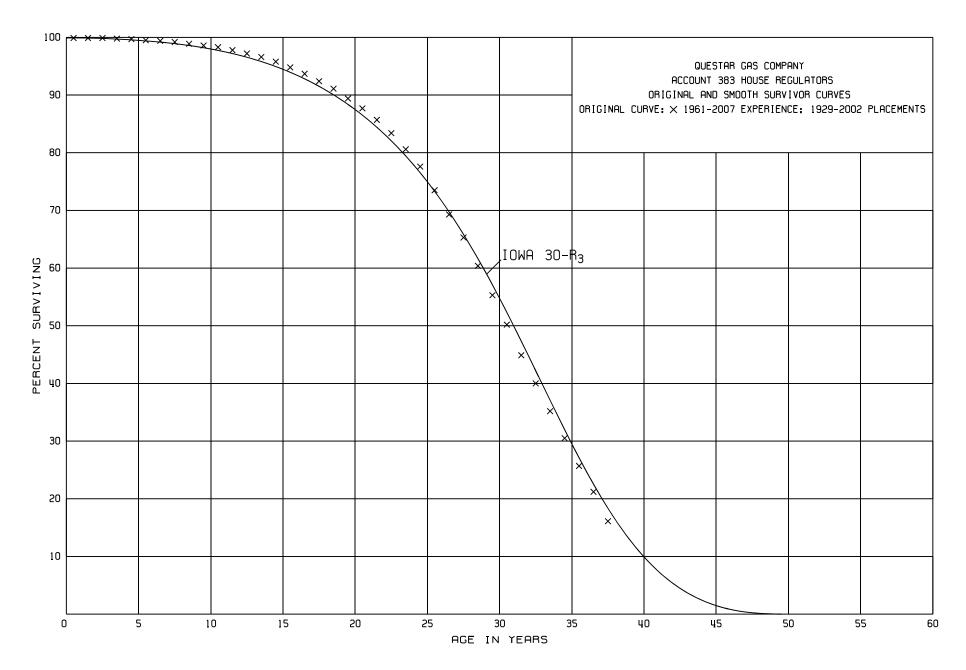
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	92,379,690 87,502,602 85,164,732 78,946,398 72,691,972 62,915,355 47,002,628 46,806,086 40,975,369 40,962,506	468 10,350 10,815 36,742 30,327 56,810 70,574 88,051 90,171 122,433	0.0000 0.0001 0.0001 0.0005 0.0004 0.0009 0.0015 0.0019 0.0022 0.0030	1.0000 0.9999 0.9999 0.9995 0.9996 0.9991 0.9985 0.9981 0.9978	100.00 100.00 99.99 99.98 99.89 99.80 99.65 99.46 99.24
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	39,196,056 37,144,713 35,152,769 33,964,312 31,612,234 29,356,686 27,745,305 26,356,679 24,795,608 23,090,906	133,099 129,022 130,807 145,152 155,795 146,584 168,486 162,658 183,854 177,220	0.0034 0.0035 0.0037 0.0043 0.0049 0.0050 0.0061 0.0062 0.0074	0.9966 0.9965 0.9963 0.9957 0.9951 0.9950 0.9939 0.9938 0.9926	98.94 98.60 98.25 97.89 97.47 96.99 96.51 95.92 95.33 94.62
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	21,859,364 20,225,760 18,913,631 17,277,918 15,852,644 14,471,272 13,223,159 12,008,940 10,808,588 9,604,629	180,112 175,078 177,643 182,940 190,122 190,444 175,915 159,581 146,681 143,581	0.0082 0.0087 0.0094 0.0106 0.0120 0.0132 0.0133 0.0133 0.0136 0.0149	0.9918 0.9913 0.9906 0.9894 0.9880 0.9867 0.9867 0.9864 0.9851	93.89 93.12 92.31 91.44 90.47 89.38 88.20 87.03 85.87 84.70
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	8,441,798 7,477,012 6,661,488 6,020,753 5,404,420 4,859,875 4,401,739 4,046,505 3,699,596 3,427,057	135,270 119,443 101,963 97,612 80,664 74,753 77,576 79,699 86,075 89,734	0.0160 0.0160 0.0153 0.0162 0.0149 0.0154 0.0176 0.0197 0.0233 0.0262	0.9840 0.9847 0.9847 0.9838 0.9851 0.9846 0.9824 0.9803 0.9767 0.9738	83.44 82.10 80.79 79.55 78.26 77.09 75.90 74.56 73.09 71.39

# ACCOUNT 382 METER INSTALLATIONS

# ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2007 EXPERIENCE BAND 1961-2007

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	3,173,748 2,905,172 2,642,946 2,367,720 2,059,252 1,711,926 1,304,542 1,008,687 723,987 477,535	96,192 90,779 99,813 144,408 192,987 289,396 195,448 177,921 162,258 145,479	0.0303 0.0312 0.0378 0.0610 0.0937 0.1690 0.1498 0.1764 0.2241 0.3046	0.9697 0.9688 0.9622 0.9390 0.9063 0.8310 0.8502 0.8236 0.7759 0.6954	69.52 67.41 65.31 62.84 59.01 53.48 44.44 37.78 31.12 24.15
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	294,886 231,527 193,162 161,858 135,149 112,627 93,309 77,392 64,015 52,807	63,359 38,365 31,304 26,709 22,522 19,318 15,917 13,377 11,208 9,354	0.2149 0.1657 0.1621 0.1650 0.1666 0.1715 0.1706 0.1728 0.1751 0.1771	0.7851 0.8343 0.8379 0.8350 0.8334 0.8285 0.8294 0.8272 0.8249 0.8229	16.79 13.18 11.00 9.22 7.70 6.42 5.32 4.41 3.65 3.01
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	43,453 35,600 29,117 23,723 19,120 15,386 12,355 9,636 6,977 4,435	7,853 6,483 5,394 4,603 3,734 3,031 2,719 2,659 2,542 1,300	0.1807 0.1821 0.1853 0.1940 0.1953 0.1970 0.2201 0.2759 0.3643 0.2931	0.8193 0.8179 0.8147 0.8060 0.8047 0.8030 0.7799 0.7241 0.6357 0.7069	2.48 2.03 1.66 1.35 1.09 0.88 0.71 0.55 0.40
69.5 70.5 71.5 72.5 73.5	3,135 2,084 1,129 405	1,051 955 724 405	0.3352 0.4583 0.6413 1.0000	0.6648 0.5417 0.3587 0.0000	0.18 0.12 0.07 0.03 0.00



# ACCOUNT 383 HOUSE REGULATORS

#### ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2002 EXPERIENCE BAND 1961-2007

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	14,458,110 14,568,447 14,663,299 14,745,469 14,814,418 14,874,232 14,800,198 14,830,745 13,941,193 13,201,064	2,860 7,011 9,509 13,565 14,447 21,060 26,452 25,510 35,582 39,472	0.0002 0.0005 0.0006 0.0009 0.0010 0.0014 0.0018 0.0017 0.0026 0.0030	0.9998 0.9995 0.9994 0.9991 0.9990 0.9986 0.9982 0.9983 0.9974	100.00 99.98 99.93 99.87 99.78 99.68 99.54 99.36 99.19
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	12,197,922 11,236,190 10,626,985 9,958,552 9,534,657 8,725,036 8,153,145 7,625,890 7,127,771 6,679,192	44,736 54,914 62,278 61,107 79,824 94,098 93,496 104,595 101,503 122,231	0.0037 0.0049 0.0059 0.0061 0.0084 0.0108 0.0115 0.0137 0.0142 0.0183	0.9963 0.9951 0.9941 0.9939 0.9916 0.9892 0.9885 0.9863 0.9858	98.63 98.27 97.79 97.21 96.62 95.81 94.78 93.69 92.41 91.10
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	6,141,359 5,511,382 5,041,142 4,828,057 4,274,333 3,669,562 3,353,451 2,759,777 2,356,241 2,025,940	119,513 123,781 134,181 162,927 161,510 193,066 190,122 161,407 176,444 169,136	0.0195 0.0225 0.0266 0.0337 0.0378 0.0526 0.0567 0.0585 0.0749 0.0835	0.9805 0.9775 0.9734 0.9663 0.9622 0.9474 0.9433 0.9415 0.9251 0.9165	89.43 87.69 85.72 83.44 80.63 77.58 73.50 69.33 65.27 60.38
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,605,551 1,284,806 1,046,592 786,296 593,022 451,836 318,950 225,821 146,618 98,984	149,410 134,835 113,975 95,143 78,559 71,188 55,662 54,529 36,193 23,640	0.0931 0.1049 0.1089 0.1210 0.1325 0.1576 0.1745 0.2415 0.2469 0.2388	0.9069 0.8951 0.8911 0.8790 0.8675 0.8424 0.8255 0.7585 0.7531 0.7612	55.34 50.19 44.93 40.04 35.20 30.54 25.73 21.24 16.11 12.13

#### ACCOUNT 383 HOUSE REGULATORS

#### ORIGINAL LIFE TABLE, CONT.

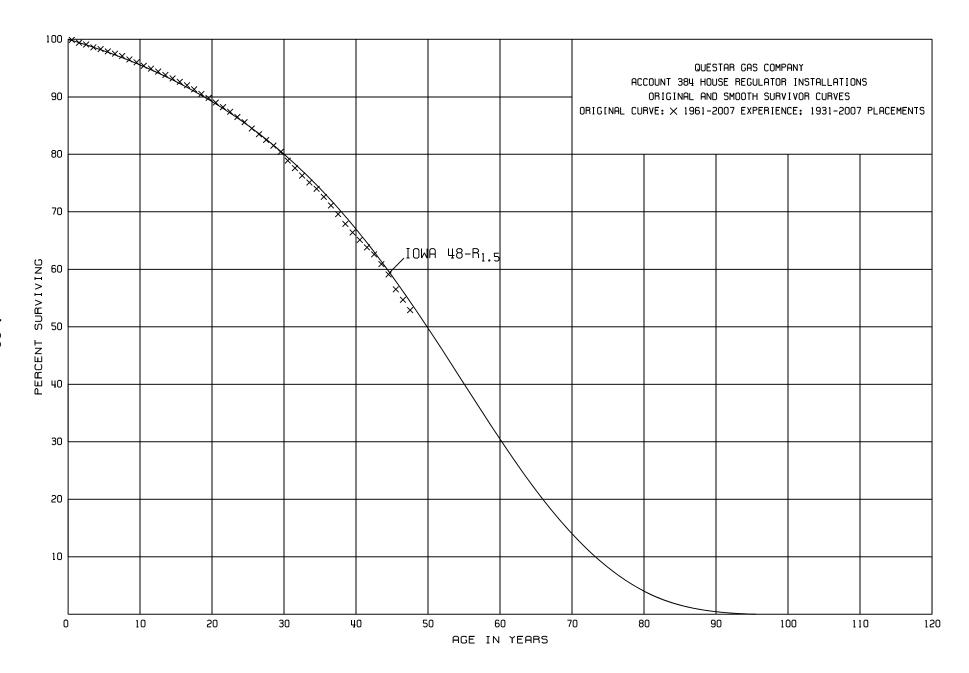
0.45

0.15

PLACEMENT BAND 1929-2002 EXPERIENCE BAND 1961-2007 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF INTERVAL AGE INTERVAL DURING AGE RETMT SURV BEGIN OF INTERVAL RATIO RATIO INTERVAL SURV 39.5 65,219 17,926 0.2749 0.7251 9.23 40.5 44,984 13,980 0.3108 0.6892 6.69 30,988 10,718 0.3459 0.6541 4.61 41.5 42.5 20,270 7,923 0.3909 0.6091 3.02 12,347 5,759 0.4664 0.5336 43.5 1.84 6,588 3,050 1,002 3,538 0.5370 0.4630 2,048 0.6715 0.3285 671 0.6697 0.3303 0.98 44.5

45.5

46.5



# ACCOUNT 384 HOUSE REGULATOR INSTALLATIONS

# ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2007 EXPERIENCE BAND 1961-2007

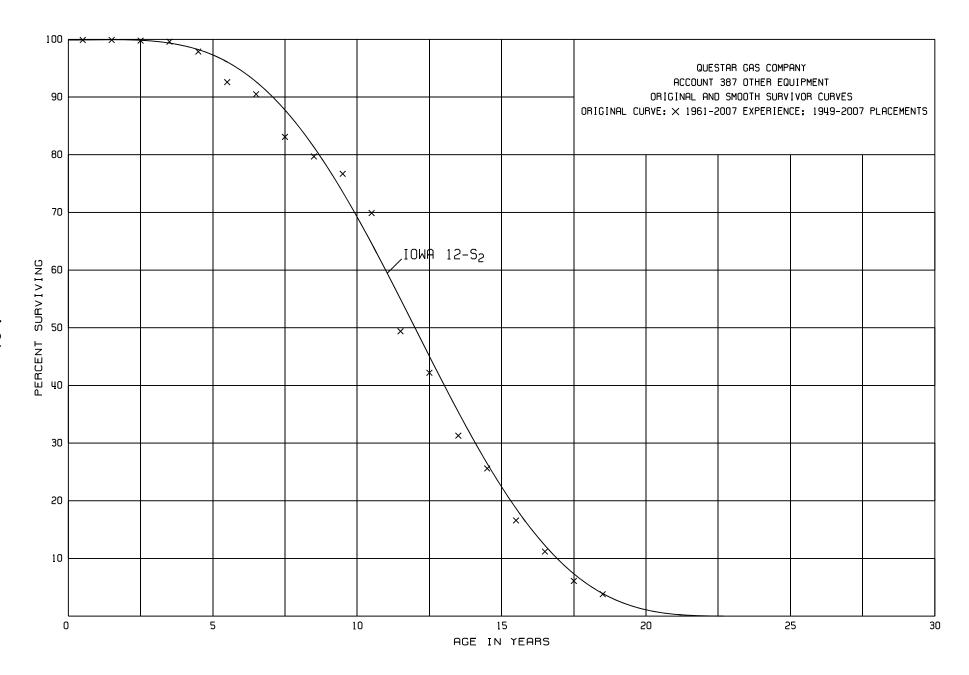
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	S RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	3,200,218 2,751,604 2,553,120 2,597,490 2,591,861 2,583,766 2,194,923 2,196,017 2,033,748 2,029,411	4,598 11,434 9,422 12,037 8,904 10,167 9,075 9,957 11,328 10,858	0.0014 0.0042 0.0037 0.0046 0.0034 0.0039 0.0041 0.0045 0.0056	0.9986 0.9958 0.9963 0.9954 0.9966 0.9961 0.9959 0.9955 0.9944	100.00 99.86 99.44 99.07 98.61 98.27 97.89 97.49 97.05 96.51
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	2,014,366 1,985,698 1,954,640 1,734,104 1,663,270 1,548,653 1,488,671 1,398,364 1,307,559 1,225,687	12,084 10,423 10,751 10,772 10,355 10,123 10,627 10,557 10,311 10,169	0.0060 0.0052 0.0055 0.0062 0.0062 0.0065 0.0071 0.0075 0.0079	0.9940 0.9948 0.9945 0.9938 0.9935 0.9935 0.9929 0.9925 0.9921	95.99 95.41 94.91 94.39 93.80 93.22 92.61 91.95 91.26 90.54
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,168,560 1,075,099 981,725 923,565 863,046 765,307 709,780 663,319 619,118 560,598	10,218 9,320 9,666 9,030 9,615 9,331 8,984 7,906 7,416 7,735	0.0087 0.0087 0.0098 0.0098 0.0111 0.0122 0.0127 0.0119 0.0120 0.0138	0.9913 0.9913 0.9902 0.9902 0.9889 0.9878 0.9873 0.9881 0.9880	89.79 89.01 88.24 87.38 86.52 85.56 84.52 83.45 82.46 81.47
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	509,627 465,869 429,978 397,869 368,590 338,489 312,884 286,752 261,544 242,118	8,987 7,780 7,086 6,439 5,643 6,248 6,265 6,212 6,509 5,126	0.0176 0.0167 0.0165 0.0162 0.0153 0.0185 0.0200 0.0217 0.0249 0.0212	0.9824 0.9833 0.9835 0.9838 0.9847 0.9815 0.9800 0.9783 0.9751 0.9788	80.35 78.94 77.62 76.34 75.10 73.95 72.58 71.13 69.59 67.86

# ACCOUNT 384 HOUSE REGULATOR INSTALLATIONS

# ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2007 EXPERIENCE BAND 1961-2007

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENT DURING AGE INTERVAL	RETMT	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	225,517 207,228 186,086 166,875 147,195 130,599 114,966 101,489 87,140 70,475	4,327 4,154 3,666 4,406 4,365 5,772 3,621 3,386 2,182 1,818	0.0192 0.0200 0.0197 0.0264 0.0297 0.0442 0.0315 0.0334 0.0250 0.0258	0.9808 0.9800 0.9803 0.9736 0.9703 0.9558 0.9685 0.9666 0.9750 0.9742	66.42 65.14 63.84 62.58 60.93 59.12 56.51 54.73 52.90 51.58
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	45,615 33,814 27,706 22,504 18,326 10,449 7,990 6,151 4,625 3,412	2,770 1,253 1,425 827 667 507 529 441 346 345	0.0607 0.0371 0.0514 0.0367 0.0364 0.0485 0.0662 0.0717 0.0748 0.1011	0.9393 0.9629 0.9486 0.9633 0.9636 0.9515 0.9338 0.9283 0.9252 0.8989	50.25 47.20 45.45 43.11 41.53 40.02 38.08 35.56 33.01 30.54
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,386 1,465 999 586 58 57 44 44 44	377 44 106 343 1 13	0.1580 0.0300 0.1061 0.5853 0.0172 0.2281 0.0000 0.0000 0.0227 1.0000	0.8420 0.9700 0.8939 0.4147 0.9828 0.7719 1.0000 1.0000 0.9773 0.0000	27.45 23.11 22.42 20.04 8.31 8.17 6.31 6.31 6.31
69.5					0.00

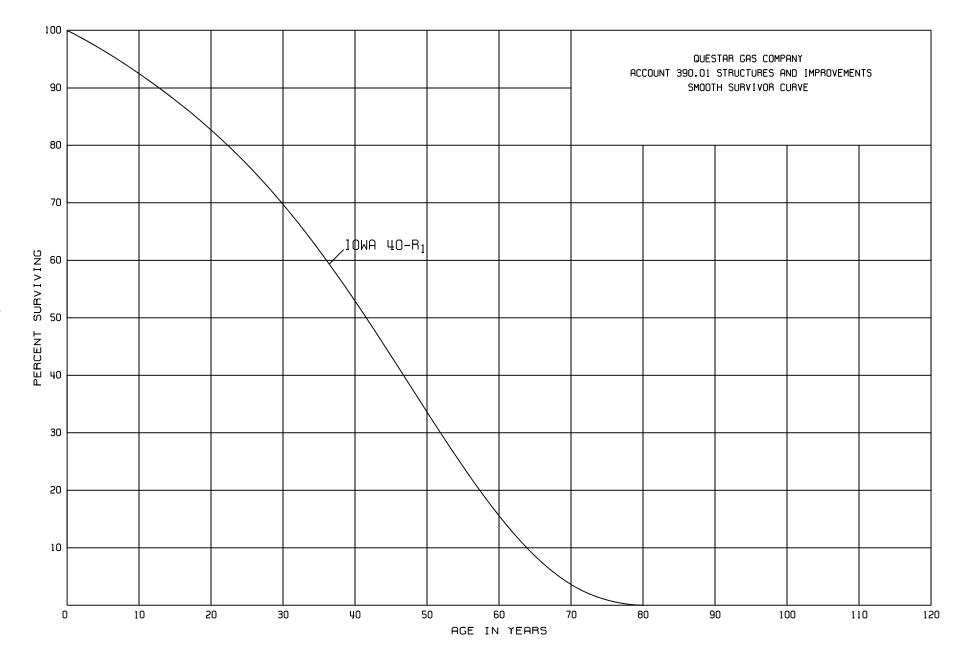


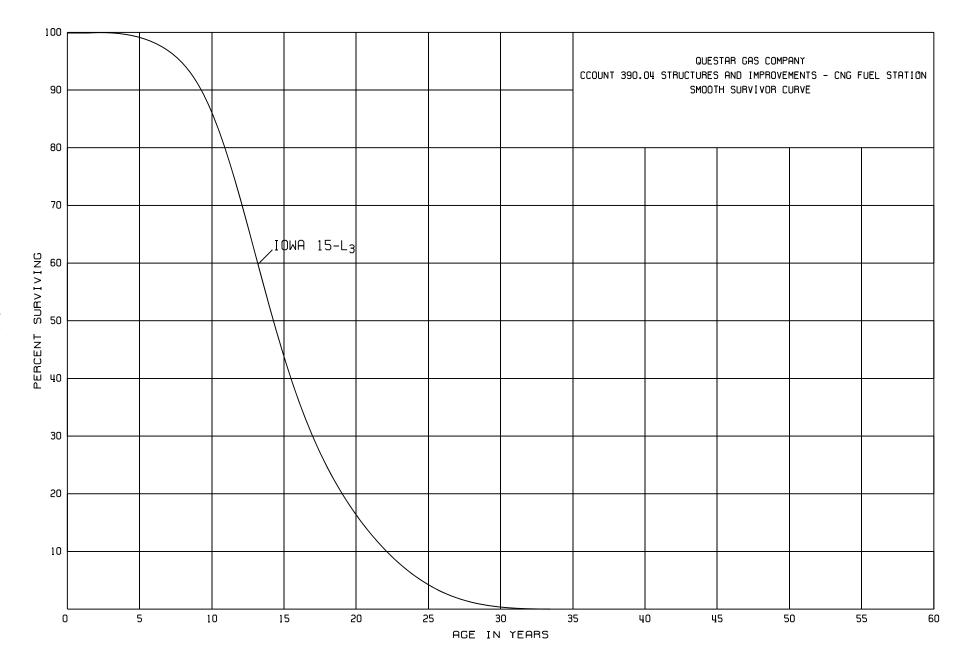
# ACCOUNT 387 OTHER EQUIPMENT

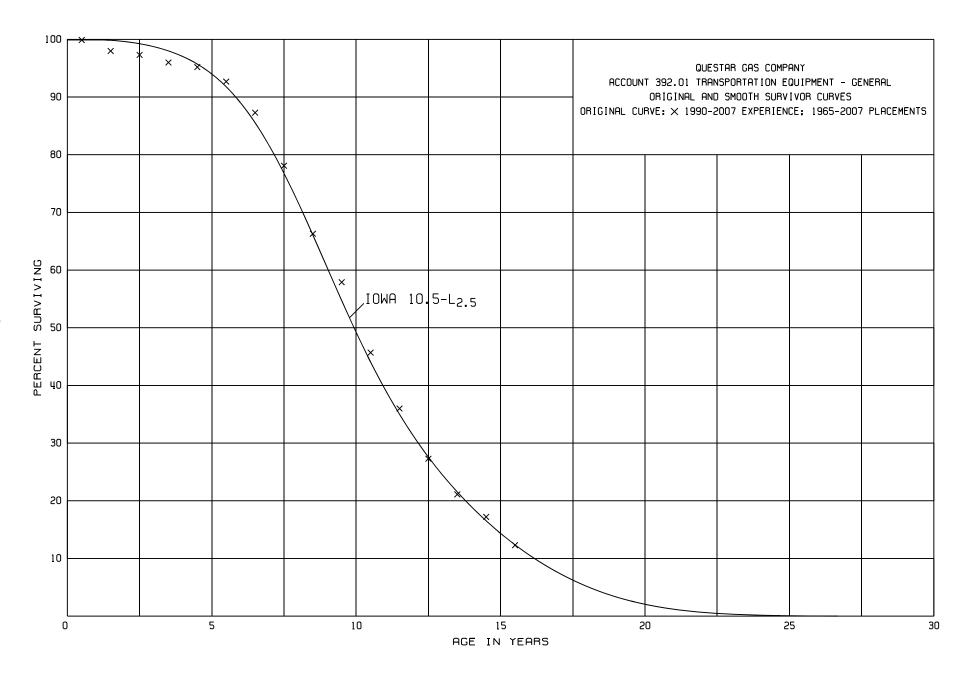
# ORIGINAL LIFE TABLE

PLACEMENT BAND 1949-2007 EXPERIENCE BAND 1961-2007

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENT DURING AGE INTERVAL		SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	2,214,060 2,196,465 2,169,491 2,166,845 2,123,279 2,076,133 1,870,370 1,752,635 1,609,436 1,544,084	3 967 3,011 5,519 36,817 111,271 42,736 142,823 65,859 59,188	0.0000 0.0004 0.0014 0.0025 0.0173 0.0536 0.0228 0.0815 0.0409 0.0383	1.0000 0.9996 0.9986 0.9975 0.9827 0.9464 0.9772 0.9185 0.9591 0.9617	100.00 100.00 99.96 99.82 99.57 97.85 92.61 90.50 83.12 79.72
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	1,460,771 1,331,130 939,106 770,372 564,710 458,440 292,974 191,850 103,707 64,807	129,067 390,497 137,132 198,309 103,596 161,455 95,030 88,143 38,900 20,503	0.0884 0.2934 0.1460 0.2574 0.1834 0.3522 0.3244 0.4594 0.3751 0.3164	0.9116 0.7066 0.8540 0.7426 0.8166 0.6478 0.6756 0.5406 0.6249 0.6836	76.67 69.89 49.38 42.17 31.32 25.58 16.57 11.19 6.05 3.78
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	44,304 30,807 25,508 15,730 11,205 8,348 4,620 3,633 2,223 1,801	13,497 5,299 9,778 4,525 2,857 3,728 987 1,410 422 583	0.3046 0.1720 0.3833 0.2877 0.2550 0.4466 0.2136 0.3881 0.1898 0.3237	0.6954 0.8280 0.6167 0.7123 0.7450 0.5534 0.7864 0.6119 0.8102 0.6763	2.58 1.79 1.48 0.91 0.65 0.48 0.27 0.21 0.13
29.5 30.5 31.5	1,218 37	1,181 37	0.9696	0.0304	0.07 0.00 0.00





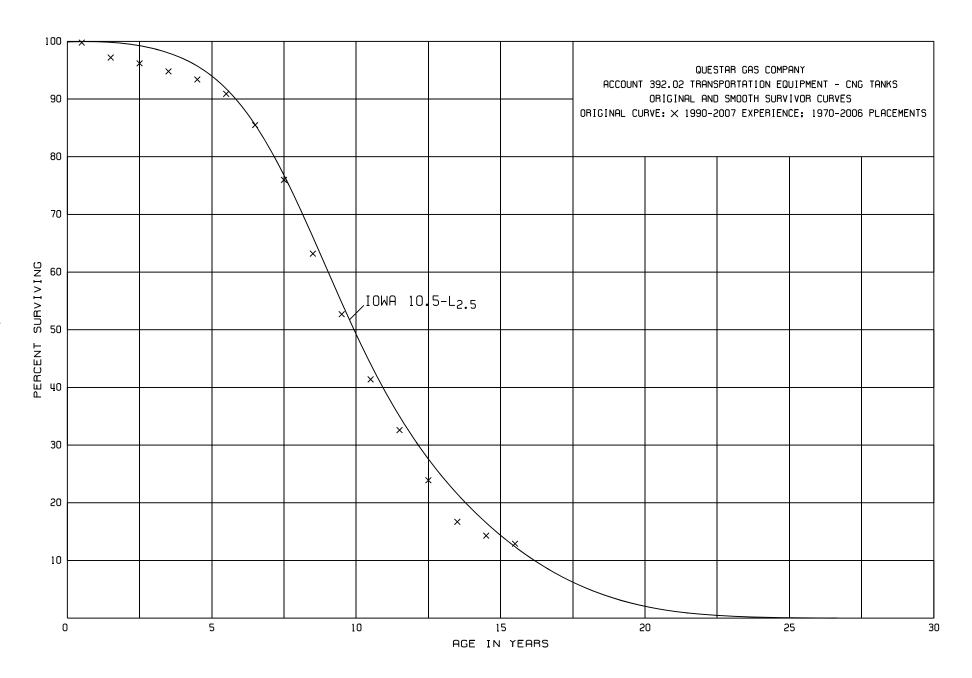


# ACCOUNT 392.01 TRANSPORTATION EQUIPMENT - GENERAL

# ORIGINAL LIFE TABLE

PLACEMENT BAND 1965-2007 EXPERIENCE BAND 1990-2007

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	43,063,305 40,073,024 37,517,561 36,883,272 35,543,694 33,512,581 32,166,307 29,910,918 25,264,772 20,089,215	20,334 775,021 272,847 503,875 281,989 891,021 1,879,688 3,147,318 3,823,702 2,537,457	0.0005 0.0193 0.0073 0.0137 0.0079 0.0266 0.0584 0.1052 0.1513 0.1263	0.9995 0.9807 0.9927 0.9863 0.9921 0.9734 0.9416 0.8948 0.8487 0.8737	100.00 99.95 98.02 97.30 95.97 95.21 92.68 87.27 78.09 66.27
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	15,066,650 11,074,112 7,772,761 5,516,128 3,092,927 2,150,978 1,098,381 802,482 421,738 308,841	3,169,924 2,364,854 1,870,689 1,244,201 584,388 614,277 270,729 177,601 58,723 47,456	0.2104 0.2135 0.2407 0.2256 0.1889 0.2856 0.2465 0.2213 0.1392 0.1537	0.7896 0.7865 0.7593 0.7744 0.8111 0.7144 0.7535 0.7787 0.8608 0.8463	57.90 45.72 35.96 27.30 21.14 17.15 12.25 9.23 7.19 6.19
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	259,348 187,056 193,026 140,629 92,287 78,870 30,115 28,386 24,318 21,661	49,342 42,336 18,552 5,438 13,586 3,113 1,729 561	0.1903 0.2263 0.0961 0.0387 0.1472 0.0395 0.0574 0.0198 0.0000	0.8097 0.7737 0.9039 0.9613 0.8528 0.9605 0.9426 0.9802 1.0000	5.24 4.24 3.28 2.96 2.85 2.43 2.33 2.20 2.16 2.16
29.5 30.5 31.5 32.5 33.5	21,661 4,148 4,148 4,148	16,202	0.7480 0.0000 0.0000 1.0000	0.2520 1.0000 1.0000 0.0000	2.16 0.54 0.54 0.54 0.00



# ACCOUNT 392.02 TRANSPORTATION EQUIPMENT - CNG TANKS ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2006 EXPERIENCE BAND 1990-2007

AGE AT	EXPOSURES AT	RETIREMENT	_	GIIDI <i>I</i>	PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE		SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
0.0	4,421,291	8,364	0.0019	0.9981	100.00
0.5	4,557,202	121,141	0.0266	0.9734	99.81
1.5	4,678,620	47,437	0.0101	0.9899	97.16
2.5	4,656,901	69,197	0.0149	0.9851	96.18
3.5	4,860,798	67,814	0.0140	0.9860	94.75
4.5	4,774,076	129,643	0.0272	0.9728	93.42
5.5	4,391,625	260,665	0.0594	0.9406	90.88
6.5	4,117,532	455,528	0.1106	0.8894	85.48
7.5	3,661,209	619,733	0.1693	0.8307	76.03
8.5	3,031,948	499,946	0.1649	0.8351	63.16
9.5	2,470,606	531,864	0.2153	0.7847	52.74
10.5	1,808,706	385,512	0.2131	0.7869	41.39
11.5	1,259,466	334,143	0.2653	0.7347	32.57
12.5	697,176	210,813	0.3024	0.6976	23.93
13.5	425,888	61,181	0.1437	0.8563	16.69
14.5	347,803	33,585	0.0966	0.9034	14.29
15.5	289,943	10,887	0.0375	0.9625	12.91
16.5	270,310	13,206	0.0489	0.9511	12.43
17.5	893		0.0000	1.0000	11.82
18.5	893	893	1.0000	0.0000	11.82
19.5	868		0.0000	1.0000	0.00
20.5	868		0.0000	1.0000	0.00
21.5	868		0.0000	1.0000	0.00
22.5	868		0.0000	1.0000	0.00
23.5	868		0.0000	1.0000	0.00
24.5					0.00



# ACCOUNT 376 MAINS

YEAR	REGULAR RETIREMENTS	COST ( REMOVA AMOUNT I	AL	GROS SALVA AMOUNT	GE	NET SALVAG AMOUNT F	
1990 1991 1992 1993 1994 1995 1996 1997	457,924 715,210 485,342 743,247 606,406 410,942 311,239 219,868 811,788	239,732 276,364 359,361 401,446 260,333 258,812 271,115 378,368 338,746	52 39 74 54 43 63 87 172 42	16,325 288 912 437 8,227 1,361 2,794 327- 48,008	4 0 0 0 1 0 1 0 6	223,407- 276,076- 358,449- 401,009- 252,106- 257,451- 268,321- 378,695-1 290,738-	39- 74- 54- 42- 63- 86- 72-
1999	76		0		0		0
2001 2002 2003 2004 2005 2006 2007	2,124,885 1,898,076 1,228,582 1,124,094 1,135,259 1,150,094	776,522 723,624 255,636 162,640 251,108 319,015	37 38 21 14 22 28	2,092 2,055 97,176	0 0 0 0 9	774,430- 721,569- 255,636- 162,640- 153,932- 319,015-	38- 21- 14- 14-
TOTAL	13,423,032	5,272,822	39	179,348	1	5,093,474-	38-
THREE-	YEAR MOVING A	VERAGES					
90-92 91-93 92-94 93-95 94-96 95-97 96-98 97-99 98-00 99-01 00-02 01-03 02-04 03-05 04-06 05-07	552,825 647,933 611,665 586,865 442,862 314,016 447,632 343,885 270,621 25 708,320 1,340,987 1,750,514 1,416,917 1,162,645 1,136,483	291,819 345,724 340,380 306,864 263,420 302,765 329,410 239,038 112,915 258,841 500,049 585,261 380,633 223,128 244,254	53 56 52 59 96 74 70 42 0 37 37 33 27 19 21	5,842 546 3,192 3,341 4,127 1,276 16,825 15,894 16,003 697 1,382 1,382 1,382 685 32,392 32,392	1 0 1 1 1 0 4 5 6 0 0 0 0 0 3 3 3	285,977- 345,178- 337,188- 303,523- 259,293- 301,489- 312,585- 223,144- 96,912-  258,144- 498,667- 583,879- 379,948- 190,736- 211,862-	53- 55- 59- 96- 70- 65- 36- 37- 33- 27- 16-
FIVE-Y	EAR AVERAGE						
03-07	1,307,221	342,404	26	19,846	2	322,558-	25-

# ACCOUNT 377 COMPRESSOR STATION EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST REMOV AMOUNT	'AL	GROSS SALVAGE AMOUNT PCT	NET SALVAG AMOUNT F	
1990 1991 1992	89,834	2,048 445	2	0	2,048- 445-	2-
1993 1994	11,644		0	0		0
1995 1996	160,341	3,109	2	0	3,109-	2 -
1997		646			646-	
1998		2,215			2,215-	
1999 2000						
2001						
2002	171,403 365,110	571 13,603	0	0	571- 13,603-	0
2003 2004	365,110	13,603	4	U	13,603-	4 -
2005	48,924	1,639	3	0	1,639-	3 -
2006 2007	25,739 75,358	442	0 1	0	442-	0 1-
2007	75,556	442		O	442-	т-
TOTAL	948,353	24,718	3	0	24,718-	3 –
THREE-	YEAR MOVING AVE	RAGES				
90-92	29,945	831	3	0	831-	3 -
91-93 92-94	3,881 3,881	148	4 0	0	148-	4 - 0
93-95	57,328	1,036	2	0	1,036-	2-
94-96	53,447	1,036	2	0	1,036-	2 -
95-97 96-98	53,447	1,252 953	2	0	1,252- 953-	2 -
97-99		953			953 <i>-</i>	
98-00		738			738-	
99-01 00-02	57,134	190	0	0	190-	0
01-03	178,838	4,724	3	0	4,724-	3 -
02-04	178,838	4,724	3	0	4,724-	
03-05 04-06	138,011 24,887	5,081 546	4 2	0	5,081- 546-	4 - 2 -
05-07	50,007	694	1	0	694-	1-
	·					
FIVE-Y	ZEAR AVERAGE					
03-07	103,026	3,137	3	0	3,137-	3 -

# ACCOUNT 378 MEAS AND REG STATION EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT PCT
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	137,263 69,832 91,289 91,713 140,616 255,709 213,180 41,133 44,782	45,240 33 22,728 33 17,630 19 60,972 66 73,685 52 18,732 7 69,084 32 48,710 118 66,918 149	9,984 7 2,511 4 7,154 8 14,674 16 12,013 9 1,829 1 19,052 9 0 12,109 27	35,256- 26- 20,217- 29- 10,476- 11- 46,298- 50- 61,672- 44- 16,903- 7- 50,032- 23- 48,710-118- 54,809-122-
2001 2002 2003 2004 2005 2006 2007	317,634 408,965 138,752 591,355 298,409 252,743	81,176 26 210,909 52 30,396 22 71,912 12 84,878 28 84,721 34	0 1,646 0 0 3,083 1 4,212 1	81,176- 26- 209,263- 51- 30,396- 22- 68,829- 12- 80,666- 27- 84,721- 34-
TOTAL	3,093,375	987,691 32	88,267 3	899,424- 29-
THREE-	YEAR MOVING AV	ERAGES		
90-92 91-93 92-94 93-95 94-96 95-97 96-98 97-99 98-00 99-01	99,461 84,278 107,873 162,679 203,168 170,007 99,698 28,638 14,927	28,533 29 33,777 40 50,762 47 51,130 31 53,834 26 45,509 27 61,571 62 38,543 135 22,306 149	6,550 7 8,113 10 11,280 10 9,506 6 10,965 5 6,960 4 10,387 10 4,036 14 4,036 27	21,983- 22- 25,664- 30- 39,482- 37- 41,624- 26- 42,869- 21- 38,549- 23- 51,184- 51- 34,507-120- 18,270-122-
00-02 01-03 02-04 03-05 04-06 05-07	105,878 242,199 288,450 379,691 342,839 380,836	27,059 26 97,362 40 107,494 37 104,406 27 62,395 18 80,504 21	0 549 0 549 0 1,576 0 2,432 1 2,432 1	27,059- 26- 96,813- 40- 106,945- 37- 102,830- 27- 59,963- 17- 78,072- 21-
FIVE-Y	EAR AVERAGE			
03-07	338,045	96,563 29	1,788 1	94,775- 28-

# ACCOUNT 380 SERVICES

		COST	OF	GRO	SS	NET
	REGULAR	REMO		SALV		SALVAGE
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT PCT
1990	888,760	596,275	67	24,927	3	571,348- 64-
1991	713,961	442,716	62	17,083	2	425,633- 60-
1992	468,144	379,711	81	4,777	1	374,934- 80-
1993	752,222	426,867	57	28,833	4	398,034- 53-
1994	707,517	484,031	68	36,834	5	447,197- 63-
1995	586,315	409,882	70	5,106	1	404,776- 69-
1996	302,171	376,451	125		0	376,451-125-
1997		69,383		600		68,783-
1998		641,465		7,920		633,545-
1999						
2000						
2001	1 205 666	1 210 272	0.4		0	1 210 272 - 94-
2002 2003	1,285,666 110,916	1,210,373 375,529	94 339	31,705	0 29	1,210,373- 94- 343,824-310-
2003	105,240	96,928	92	133,329	127	36,401 35
2005	190,644	63,518	33	159,528	84	96,010 50
2006	673,584	74,315			11	145,152 22
2007	322,881	240,023	74	199,180	62	40,843- 13-
						·
TOTAL	7,108,021	5,738,837	81	720,659	10	5,018,178- 71-
THREE-	YEAR MOVING A	VERAGES				
90-92	690,288	472,901	69	15,596	2	457,305- 66-
91-93	644,776	416,432	65	16,898	3	399,534- 62-
92-94	642,628	430,203	67	23,481	4	406,722- 63-
93-95	682,018	440,260	65	23,591	3	416,669- 61-
94-96	532,001	423,455	80	13,980	3	409,475- 77-
95-97	296,162	285,239	96	1,902	1	283,337- 96-
96-98	100,724	362,433	360	2,840	3	359,593-357-
97-99		236,950		2,840		234,110-
98-00		213,822		2,640		211,182-
99-01 00-02	120 555	102 150	0.4		0	102 159 - 91-
01-02	428,555 465,527	403,458 528,634	94 11 <i>1</i>	10,568	0 2	403,458- 94- 518,066-111-
02-04	500,607	560,944		55,011	11	505,933-101-
03-05	135,600	178,659		108,187	80	70,472- 52-
04-06	323,156	28,711	9	121,232	38	92,521 29
05-07	395,703	76,409	19	143,182	36	66,773 17
FIVE-Y	ZEAR AVERAGE					
03-07	280,653	140,337	50	118,916	42	21,421- 8-
	•	•		•		•

# ACCOUNT 381.01 METERS

YEAR	REGULAR RETIREMENTS	COST REMOV AMOUNT	AL	GROSS SALVAC AMOUNT I	ΞE	NET SALVAO AMOUNT I	
1990 1991 1992 1993 1994 1995	320,929 277,647 259,738 383,536 423,742 488,059 578,564	19,598 28,549 31,361 28 22	0 0 8 7 7 0	1,543 517 18	0 0 1 0 0 0	18,055- 28,032- 31,361- 28- 4-	0 0 7- 7- 7- 0
1997 1998 1999 2000 2001	799,744	29,541	4		0	29,541-	4 -
2002 2003 2004 2005 2006 2007	1,944,796 7,842,009 965 1,557	21,891 343 962	1 0 0 62		0 0 0	21,891- 343- 962-	1- 0 0 62-
TOTAL	13,321,286 YEAR MOVING AVE	132,295 ERAGES	1	2,078	0	130,217-	1-
90-92 91-93 92-94 93-95 94-96 95-97 96-98 97-99 98-00	286,104 306,974 355,672 431,779 496,788 355,541 459,436 266,581 266,581	6,533 16,049 26,502 19,979 10,470 17 9,854 9,847 9,847	2 5 7 5 2 0 2 4 4	514 687 687 172 6 6	0 0 0 0 0 0	6,019- 15,362- 25,815- 19,807- 10,464- 11- 9,848- 9,847- 9,847-	2- 5- 7- 5- 2- 0 2- 4- 4-
00-02 01-03 02-04 03-05 04-06 05-07	648,265 3,262,268 3,262,590 2,614,843 841 519	7,297 7,411 7,411 435 321 321	1 0 0 0 38 62		0 0 0 0 0	7,297- 7,411- 7,411- 435- 321- 321-	38-
	EAR AVERAGE						
03-07	1,568,906	261	0		0	261-	0

# ACCOUNT 383 HOUSE REGULATORS

YEAR	REGULAR RETIREMENTS	COST ( REMOVA AMOUNT I	AL	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT PCT	ı
2002 2003 2004 2005 2006 2007	209,347 659,281	5,743 77		0	5,743- 3 77- 0	
TOTAL	868,628	5,820	1	0	5,820- 1	. —
THREE-	YEAR MOVING AVE	RAGES				
02-04 03-05 04-06 05-07	289,543 219,760	1,940 26	1 0	0	1,940- 1 26- 0	
FIVE-Y	EAR AVERAGE					
03-07	131,856	15	0	0	15- 0	

# ACCOUNT 384 HOUSE REGULATOR INSTALLATIONS

YEAR	REGULAR RETIREMENTS	COST REMOV AMOUNT	/AL	GROS SALVA AMOUNT	AGE	NET SALVAG AMOUNT P	
2002 2003 2004 2005 2006 2007	10,640 66,679 7,771 37,734 93	4,317 1,377 548 2,884 668	2 7 8	67	0 0 0 0	4,317- 1,310- 548- 2,884- 668-7	2 - 7 - 8 -
TOTAL	122,917	9,794	8	67	0	9,727-	8 -
THREE-	YEAR MOVING AVE	ERAGES					
02-04 03-05 04-06 05-07	28,363 37,395 15,199 12,609	2,080 1,603 1,366 1,184	7 4 9 9	22 22	0 0 0 0	2,058- 1,581- 1,366- 1,184-	7 - 4 - 9 - 9 -
FIVE-Y	EAR AVERAGE						
03-07	22,455	1,095	5	13	0	1,082-	5-

# ACCOUNT 387 OTHER EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST REMOV AMOUNT	'AL	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT PCT
2002 2003 2004	771,161 6,870	2,673 855		0 0	2,673- 0 855- 12-
2005 2006 2007	53,349 140,816		0	0	0
TOTAL	972,196	3,528	0	0	3,528- 0
THREE-	YEAR MOVING AVE	RAGES			
02-04 03-05 04-06 05-07	259,343 20,073 64,722 64,722	1,176 285	0 1 0 0	0 0 0 0	1,176- 0 285- 1- 0 0
FIVE-Y	EAR AVERAGE				
03-07	40,207	171	0	0	171- 0

# ACCOUNT 392.01 TRANSPORTATION EQUIPMENT - GENERAL

		COST		GROS	SS	NET	Γ
VEND	REGULAR	REMOV		SALVA		SALVA	
YEAR	RETIREMENTS	AMOUNT	PCI	AMOUNT	PCI	AMOUNT	PCI
1990	570,984		0	75,867	13	75,867	13
1991	759,269		0	96,160	13	96,160	13
1992	559,493	191	0	83,575	15	83,384	15
1993	1,255,854	342	0	201,717	16	201,375	16
1994	1,002,407	1,027	0	453,644	45	452,617	45
1995	1,231,142	5,896	0	194,236	16	188,340	15
1996		1,848				1,848-	-
1997	2,186,366		0	450,359	21	450,359	21
1998	1,424,130	1,843	0	199,822	14	197,979	14
1999	791,540		0	164,737	21	164,737	21
2000	2,542,270		0	296,372	12	296,372	12
2001	974,062	0.00	0	131,528	14	131,528	14
2002	1,943,422	800	0	229,098	12	228,298	12
2003	1,458,228	33,944	2	166,388	11	132,444	9
2004	1,699,793	87-		161,710	10	161,797	10
2005	2,110,118		0	260,097	12	260,097	12
2006	2,569,866		0	92,960 251,205	4 15	92,960	4 15
2007	1,725,558		U	251,205	15	251,205	15
TOTAL	24,804,502	45,804	0	3,509,475	14	3,463,671	14
THREE-	YEAR MOVING AVE	RAGES					
90-92	629,915	64	0	85,201	14	85,137	14
91-93	858,205	178	0	127,151	15	126,973	15
92-94	939,251	520	0	246,312	26	245,792	26
93-95	1,163,134	2,422	0	283,199	24	280,777	24
94-96	744,516	2,924	0	215,960	29	213,036	29
95-97	1,139,169	2,581	0	214,865	19	212,284	19
96-98	1,203,499	1,230	0	216,727	18	215,497	18
97-99	1,467,346	614	0	271,639	19	271,025	18
98-00	1,585,980	614	0	220,311	14	219,697	14
99-01	1,435,957		0	197,546	14	197,546	14
00-02	1,819,918	267	0	218,999	12	218,732	12
01-03	1,458,571	11,581	1	175,671	12	164,090	11
02-04	1,700,481	11,552	1	185,732	11	174,180	10
03-05	1,756,046	11,286	1	196,065	11	184,779	11
04-06	2,126,592	29-	- 0 0	171,589	8	171,618	8 9
05-07	2,135,181		U	201,421	9	201,421	9
FIVE-Y	EAR AVERAGE						
			_			<b></b>	_
03-07	1,912,713	6,771	0	186,472	10	179,701	9

# ACCOUNT 392.02 TRANSPORTATION EQUIPMENT - CNG TANKS

YEAR	REGULAR RETIREMENTS	COST REMOV AMOUNT	AL	GROS SALVA AMOUNT	.GE	NET SALVAG AMOUNT P	
1992 1993 1994 1995 1996 1997	33,028 29,746 75,437 124,564 211,497	1,734 2,604 9,539 4,362 4,625	5 9 13 4 2	9,323 21,350	28 72 0 0	7,589 18,746 9,539- 4,362- 4,625-	23 63 13- 4- 2-
1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	100,791 352,639 114,474 299,071 1,254,073 255,597 385,665 239,756 154,902	1,126 3,997	0 0 0 0 0 0	174 42,679 26,355 6,633 8,414 6,246 3,661 18,165	0 12 0 9 1 3 2 2	174 42,679 25,229 2,636 8,414 6,246 3,661 18,165	0 12 0 8 0 3 2 2
TOTAL	3,631,240	27,987	1	143,000	4	115,013	3
THREE-	YEAR MOVING AVE	RAGES					
92-94 93-95 94-96 95-97 96-98 97-99 98-00 99-01 00-02 01-03 02-04 03-05	46,070 76,582 137,166 112,020 70,499 33,597 151,143 189,301 255,395 555,873 602,914 631,779	4,626 5,502 6,175 2,996 1,542 375 1,708 1,708 1,332	10 7 5 3 2 0 0 0 0	10,224 7,117 58 14,284 14,284 23,011 10,996 13,801 7,098	22 9 0 0 0 0 9 8 9 2 1	5,598 1,615 6,175- 2,996- 1,542- 58 14,284 14,284 22,636 9,288 12,093 5,766	12 2 5- 3- 2- 0 9 8 9 2 2
04-06 05-07	293,673 260,108		0	6,107 9,357	2 4	6,107 9,357	2 4
FIVE-Y	EAR AVERAGE 457,999	799	0	8,624	2	7,825	2

APPENDIX C. DETAILED DEPRECIATION CALCULATIONS

# ACCOUNT 374.21 LAND RIGHTS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
<b>ν</b> -/	(-/	(-)	( - /	(-,	( - /	( - )	( - /
		A 75-R3	}				
NET SALV	AGE PERCENT.	. 0					
1020	4 070 71	75 00	1 22	<i>((</i> , 22)	14 00	0122	4 040
1930 1934	4,978.71 854.57	75.00 75.00	1.33 1.33	66.22 11.37	14.00 15.85	.8133 .7887	4,049 674
1935	200.00	75.00	1.33	2.66	16.35	.7820	156
1935	306.90	75.00	1.33	4.08	16.85	.7753	238
1938	100.00	75.00	1.33	1.33	17.91	.7612	76
1939	17.44	75.00	1.33	0.23	18.45	.7540	13
1940	1,096.43	75.00	1.33	14.58	19.01	.7340	818
1940	4,897.22	75.00	1.33	65.13	20.16	.7312	3,581
1942	10.90	75.00	1.33	0.14	23.89	.6815	3,381 7
1946			1.33				71
	105.68	75.00	1.33	1.41	24.55	.6727	59
1950	88.30	75.00		1.17 0.06	25.21	.6639	
1951	4.50	75.00	1.33 1.33	0.06	25.89 27.28	.6548	3 1
1953	1.48 49.40	75.00	1.33	0.02		.6363 .6269	31
1954		75.00			27.98 28.70		
1955	54.40	75.00	1.33	0.72		.6173	34
1956	67.58	75.00	1.33	0.90	29.42	.6077	41
1957	54.80	75.00	1.33	0.73	30.15	.5980	33
1959	1,003.00	75.00	1.33	13.34	31.64	.5781	580
1960	936.35	75.00	1.33	12.45	32.39	.5681	532
1961	4,030.63	75.00	1.33	53.61	33.15	.5580	2,249
1962	605.00	75.00	1.33	8.05	33.92	.5477	331
1963	8,606.61	75.00	1.33	114.47	34.70	.5373	4,624
1964	5,898.38	75.00	1.33	78.45	35.49	.5268	3,107
1965	2,756.96	75.00	1.33	36.67	36.28	.5163	1,423
1966	8,304.10	75.00	1.33	110.44	37.08	.5056	4,199
1967	5,128.95	75.00	1.33	68.22	37.88	.4949	2,538
1968	479.54	75.00	1.33	6.38	38.70	.4840	232
1969	694.40	75.00	1.33	9.24	39.52	.4731	329
1970	3,114.60	75.00	1.33	41.42	40.34	.4621	1,439
1971	8,148.44	75.00	1.33	108.37	41.18	.4509	3,674
1972	2,615.62	75.00	1.33	34.79	42.02	.4397	1,150
1973	1,780.55	75.00	1.33	23.68	42.86	.4285	763
1974	3,676.72	75.00	1.33	48.90	43.72	.4171	1,534
1975	4,496.10	75.00	1.33	59.80		.4057	1,824
1976	4,441.94	75.00	1.33	59.08	45.44	.3941	1,751
1977	4,652.88	75.00	1.33	61.88	46.31	.3825	1,780
1978	3,045.44	75.00	1.33	40.50	47.18	.3709	1,130
1979	5,464.01	75.00	1.33	72.67	48.07	.3591	1,962
1980	15,115.41	75.00	1.33	201.03	48.95	.3473	5,250
1981	8,161.33	75.00	1.33	108.55	49.85	.3353	2,736

#### ACCOUNT 374.21 LAND RIGHTS

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	VOR CURVE IOW ALVAGE PERCENT.		3				
1982	1,613.27	75.00	1.33	21.46	50.74	.3235	522
1983	19,554.37	75.00	1.33	260.07	51.65	.3113	6,087
1984	68,555.18	75.00	1.33	911.78	52.56	.2992	20,512
1985	3,163.52	75.00	1.33	42.07	53.47	.2871	908
1986	919.00	75.00	1.33	12.22	54.39	.2748	253
1987	10,191.22	75.00	1.33	135.54	55.31	.2625	2,675
1988	20,225.87	75.00	1.33	269.00	56.24	.2501	5,058
1989	1,528.40	75.00	1.33	20.33	57.17	.2377	363
1990	7,629.64	75.00	1.33	101.47	58.11	.2252	1,718
1991	9,694.31	75.00	1.33	128.93	59.05	.2127	2,062
1992	1,206.86	75.00	1.33	16.05	59.99	.2001	241
1994	3,456.38	75.00	1.33	45.97	61.89	.1748	604
1995	1,398.00	75.00	1.33	18.59	62.84	.1621	227
1996	2,249.80	75.00	1.33	29.92	63.80	.1493	336
1997	9,464.25	75.00	1.33	125.87	64.76	.1365	1,292
1998	148,748.63	75.00	1.33	1,978.36	65.73	.1236	18,385
2000	3,661.15	75.00	1.33	48.69	67.66	.0979	358
2001	158,627.32	75.00	1.33	2,109.74	68.63	.0849	13,467
2002	10,920.58	75.00	1.33	145.24	69.61	.0719	785
2003	164,268.32	75.00	1.33	2,184.77	70.58	.0589	9,675
2004	2,343.87	75.00	1.33	31.17	71.56	.0459	108
2006	21,676.92	75.00	1.33	288.30	73.52	.0197	427
2007	235,159.03	75.00	1.33	3,127.62	74.51	.0065	1,529
TOTAL	1,022,301.16			13,596.56			142,614

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 1.33

#### ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)		
PROBAI	NEX IM SURVIVOR CUR BLE RETIREMENT ALVAGE PERCENT.	YEAR	DWA 120-R 6-2033	1					
1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1977 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1992 1993 1994 1996	118,286.13 659.43 818.00 596.60 11,736.13 8,921.01 6,233.34 13,796.40 111,809.26 1,090,490.68 4,417.61 191,974.64 13,985.07 42,367.06 31,069.16 65,291.59 48,930.44 23,089.80 9,878.10 30,746.23 222,291.48 40,634.92 571,062.93 3,019.60 3,036,455.38 25,622.25	60.95 60.15 59.34 58.53 57.72 56.90 56.08 55.26 54.43 53.59 51.92 48.53 47.67 46.81 45.95 45.08 44.21 43.33 42.46 41.58 40.69 38.92 38.02 37.13 36.23 35.33	1.64 1.69 1.71 1.73 1.76 1.78 1.81 1.84 1.87 1.93 2.06 2.10 2.14 2.18 2.22 2.26 2.31 2.36 2.41 2.46 2.57 2.63 2.76 2.83	1,939.89	24.26 24.27 24.29 24.30 24.33 24.34 24.36 24.37 24.38 24.41 24.46 24.47 24.48 24.49 24.50 24.51 24.53 24.54 24.56 24.58 24.60 24.61 24.62	.6020 .5965 .5967 .5848 .5787 .5724 .5660 .5592 .5523 .5451 .5299 .4960 .4867 .4770 .4670 .4565 .4456 .4341 .4223 .4098 .3964 .3532 .3375 .3207	71,208 393 483 349 6,792 5,106 3,528 7,715 61,752 594,426 2,341 95,219 6,807 20,209 14,509 29,806 21,803 10,023 4,172 12,600 88,116 14,970 201,699 1,019 973,791 7,766		
INTER:	5,724,183.24 141,269.57 2,256,602  SL OPS OFFICE INTERIM SURVIVOR CURVE IOWA 100-R1 PROBABLE RETIREMENT YEAR 6-2054 NET SALVAGE PERCENT 0								
1966 1967 1968 1969	118,286.13 659.43 818.00 596.60	73.71 73.09 72.47 71.83	1.36 1.37 1.38 1.39	1,608.69 9.03 11.29 8.29	40.38 40.48 40.58 40.67	.4522 .4462 .4400 .4338	53,489 294 360 259		

#### ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)	
INTER PROBA	S OFFICE IM SURVIVOR CUR BLE RETIREMENT ALVAGE PERCENT.	YEAR	DWA 100-R 6-2054	1				
1970 1971 1972 1973 1974 1975 1977 1981 1982 1983 1984 1985 1986 1987 1998 1990 1993 1994 1995 1996 1998 2004 2006	11,736.13 8,921.01 6,233.34 13,796.40 111,809.26 1,090,490.68 4,417.61 191,974.64 13,985.07 42,367.06 31,069.16 65,291.59 48,930.44 23,089.80 11,318.10 44,242.73 87,657.02 559,663.70 10,200,015.84 128,674.12 605,975.25 328,450.82 41,373.51 9,250.32	71.20 70.55 69.90 69.25 68.58 67.91 66.55 63.77 63.05 62.34 61.61 59.41 58.66 57.91 57.16 54.86 54.08 53.30 52.51 50.92 46.05	1.40 1.42 1.43 1.44 1.46 1.47 1.50 1.57 1.59 1.60 1.62 1.64 1.66 1.68 1.70 1.73 1.75 1.82 1.85 1.88 1.90 1.96 2.17 2.25	164.31 126.68 89.14 198.67 1,632.42 16,030.21 66.26 3,014.00 222.36 677.87 503.32 1,070.78 812.25 387.91 192.41 765.40 1,534.00 10,185.88 188,700.29 2,419.07 11,513.53 6,437.64 897.81 208.13	40.76 40.85 40.94 41.02 41.10 41.18 41.34 41.63 41.70 41.77 41.84 41.90 41.97 42.03 42.09 42.15 42.21 42.38 42.44 42.49 42.55 42.65 42.96 43.05	.4275 .4210 .4143 .4077 .4007 .3936 .3788 .3472 .3386 .3300 .3209 .3118 .3022 .2925 .2825 .2721 .2615 .2275 .2152 .2028 .1897 .1624 .0671	5,017 3,756 2,582 5,625 44,802 429,217 1,673 66,654 4,735 13,981 9,970 20,358 14,787 6,754 3,197 12,038 22,922 127,323 2,195,043 26,095 114,954 53,340 2,776 278	
2000	13,801,093.76	11.30		249,487.64	13.03	.0300	3,242,279	
INTER PROBA	SPRINGVILLE SERVICE CENTER INTERIM SURVIVOR CURVE IOWA 120-R1 PROBABLE RETIREMENT YEAR 6-2032 NET SALVAGE PERCENT 0							
1953 1966 1968 1970 1971 1972	34,750.44 3,597.36 1,717.93 121,181.32 721,791.62 1,888.40	70.25 60.15 58.53 56.90 56.08 55.26	1.42 1.66 1.71 1.76 1.78 1.81	493.46 59.72 29.38 2,132.79 12,847.89 34.18	23.14 23.36 23.38 23.41 23.42 23.44	.6706 .6116 .6005 .5886 .5824	23,304 2,200 1,032 71,327 420,371 1,087	

#### ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
INTERIM PROBABI	VILLE SERVICE 1 SURVIVOR CUR LE RETIREMENT LVAGE PERCENT.	VE IC YEAR	WA 120-R: 6-2032	1			
1973	1,236.16	54.43	1.84	22.75	23.45	.5692	704
1975	62,599.64	52.76	1.90	1,189.39	23.47	.5552	34,755
1976	172.74	51.92	1.93	3.33	23.48	.5478	95
1979	11,543.61	49.38	2.03	234.34	23.52	.5237	6,045
1980	140.54	48.53	2.06	2.90	23.53	.5151	72
1981	20,178.04	47.67	2.10	423.74	23.54	.5062	10,214
1982	5,672.41	46.81	2.14	121.39	23.55	.4969	2,819
1983	6,020.34	45.95	2.18	131.24	23.56	.4873	2,934
1984	7,246.88	45.08	2.22	160.88	23.57	.4772	3,458
1985	76.67	44.21	2.26	1.73	23.58	.4666	36
1986	1,092.15	43.33	2.31	25.23	23.59	.4556	498
1987	71,616.47	42.46	2.36	1,690.15	23.60	.4442	31,812
1988	7,886.64	41.58	2.41	190.07	23.61	.4322	3,409
1989	33,526.16	40.69	2.46	824.74	23.62	.4195	14,064
1990	32,275.56	39.81	2.51	810.12	23.63	.4064	13,117
1991	76,283.78	38.92	2.57	1,960.49		.3926	29,949
1992	131,634.31	38.02	2.63	3,461.98	23.65	.3780	49,758
1993	24,158.74	37.13	2.69	649.87	23.66	.3628	8,765
1994	63,871.68	36.23	2.76	1,762.86	23.67	.3467	22,144
1995	1,887.32	35.33	2.83	53.41	23.68	.3297	622
1996	5,500.42	34.42	2.91	160.06	23.69	.3117	1,714
1998	14,260.22	32.60	3.07	437.79		.2727	3,889
2000	93,373.32	30.77	3.25	3,034.63		.2288	21,364
2004 2005	5,465.82 44,518.88	27.07 26.14	3.69 3.83	201.69 1,705.07	23.76 23.77	.1223 .0907	668 4,038
	1,607,165.57			34,857.27			786,264
INTERIM	ALE SERVICE CE I SURVIVOR CUR LE RETIREMENT	VE IC	WA 120-R: 6-2050	1			
NET SAL	LVAGE PERCENT.	. 0					
2000	726,636.06	46.81	2.14	15,550.01	40.04	.1446	105,072
2001	4,360.00	45.95	2.18	95.05	40.07	.1280	558
2002	984.16	45.08	2.22	21.85	40.10	.1105	109
2004	14,640.43	43.33	2.31	338.19	40.15	.0734	1,075
2005	51,095.10	42.46	2.36	1,205.84	40.18	.0537	2,744
	797,715.75			17,210.94			109,558

## ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	LIFE	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
INTERI PROBAE	SERVICE CENTER M SURVIVOR CUR BLE RETIREMENT ALVAGE PERCENT.	VE IO YEAR		1			
2000 2004	240.20 4,219,218.89 36,665.56				38.12 38.15 38.18 38.23 38.28 38.38		515 412 8,045 51 773,383 5,529 742 1,959
	4,339,865.49			92,995.11			790,636
INTERI PROBAE	SERVICE CENTER M SURVIVOR CUR BLE RETIREMENT ALVAGE PERCENT.	VE IO YEAR		1			
2000 2003 2004	38,340.25		2.26		40.13	.1446 .0923 .0734	140,986 3,539 2,151
	1,042,650.30			22,408.54			146,676
INTERI PROBAE	CITY SERVICE C M SURVIVOR CUR BLE RETIREMENT ALVAGE PERCENT.	VE IO YEAR		1			
2003 2004 2007	428,959.16 80,577.58 5,907.84		2.76		32.99	.1120 .0894 .0137	48,043 7,204 81
	515,444.58			13,938.99			55,328

## ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

YEAR	ORIGINAL COST	AVG. LIFE	ANNUAL RATE	ACCRUAL AMOUNT	EXP.	-ACCRUED FACTOR	DEPREC AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	RE SERVICE CEN						
	M SURVIVOR CUR		WA 120-R	.1			
	LE RETIREMENT		6-2033				
NET SAI	LVAGE PERCENT.	. 0					
1992	7,733.65	38.92	2.57	198.75	24.58	.3684	2,849
1993	644,380.08	38.02	2.63	16,947.20	24.59	.3532	227,595
1996	2,214.00	35.33	2.83	62.66	24.62	.3031	671
1998	4,296.54	33.51	2.98	128.04	24.64	.2647	1,137
2004	5,995.00	28.00	3.57	214.02	24.70	.1179	707
	664,619.27			17,550.67			232,959
	004,019.27			17,330.67			232,939
ST GEOF	RGE SERVICE CE	NTER					
INTERIN	M SURVIVOR CUR	VE IC	WA 120-R	1			
PROBABI	LE RETIREMENT	YEAR	6-2032				
NET SAI	LVAGE PERCENT.	. 0					
1988	254,800.00	41.58	2.41	6,140.68	23.61	.4322	110,125
1989	106,027.33	40.69	2.46	2,608.27	23.62	.4195	44,478
1990	34,137.70	39.81	2.51	856.86	23.63	.4064	13,874
1991	5,450.44	38.92	2.57	140.08	23.64	.3926	2,140
1992	101,208.97	38.02	2.63	2,661.80	23.65	.3780	38,257
1993	57,789.02	37.13	2.69	1,554.52	23.66	.3628	20,966
1994	37,274.43	36.23	2.76	1,028.77	23.67	.3467	12,923
1995	5,683.26	35.33	2.83	160.84	23.68	.3297	1,874
1996	12,448.86	34.42	2.91	362.26	23.69	.3117	3,880
1998	39,912.55	32.60	3.07	1,225.32	23.71	.2727	10,884
2000	102,020.63	30.77	3.25	3,315.67	23.73	.2288	23,342
2001	15,570.98	29.85	3.35	521.63	23.74	.2047	3,187
2003	3,983.97	28.00	3.57	142.23	23.76	.1514	603
2004	31,922.44	27.07	3.69	1,177.94	23.76	.1223	3,904
2005	12,048.17	26.14	3.83	461.44	23.77	.0907	1,093
2006	144,000.88	25.20	3.97	5,716.83	23.78	.0563	8,107
2007	4,194.03	24.27	4.12	172.79	23.79	.0198	83
	968,473.66			28,247.93			299,720
	200, 473.00			20,241.93			277,120

## ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
SURVIVOR	R STRUCTURES CURVE IOW AGE PERCENT.	A 40-R1		TS			
1930	22,802.87	40.00	2.50	570.07	0.96	.9760	22,256
1931	104.33	40.00	2.50	2.61	1.29	.9677	101
1932	250.57	40.00	2.50	6.26	1.63	.9592	240
1933	8,090.61	40.00	2.50	202.27	1.97	.9507	7,692
1937	286.89	40.00	2.50	7.17	3.20	.9200	264
1938	634.63	40.00	2.50	15.87	3.49	.9127	579
1941 1942	1,886.61 416.04	40.00	2.50 2.50	47.17 10.40	4.40 4.70	.8900 .8825	1,679 367
1942	6,011.49	40.00	2.50	150.29	5.34	.8665	5,209
1945	149.12	40.00	2.50	3.73	5.66	.8585	128
1946	3,683.88	40.00	2.50	92.10	5.99	.8502	3,132
1947	1,934.17	40.00	2.50	48.35	6.33	.8417	1,628
1948	14,926.51	40.00	2.50	373.16	6.67	.8332	12,437
1949	17,781.66	40.00	2.50	444.54	7.02	.8245	14,661
1950	12,457.33	40.00	2.50	311.43	7.37	.8157	10,161
1951	9,795.06	40.00	2.50	244.88	7.73	.8067	7,902
1952	10,440.12	40.00	2.50	261.00	8.10	.7975	8,326
1953	19,932.73	40.00	2.50	498.32	8.47	.7882	15,711
1954	16,938.48	40.00	2.50	423.46	8.85	.7787	13,190
1955	12,227.40	40.00	2.50	305.69	9.24	.7690	9,403
1956 1957	26,995.62 38,206.23	40.00	2.50 2.50	674.89 955.16	9.63 10.03	.7592 .7492	20,495 28,624
1958	15,154.52	40.00	2.50	378.86	10.44	.7390	11,199
1959	3,223.09	40.00	2.50	80.58	10.85	.7287	2,349
1960	1,981.82	40.00	2.50	49.55	11.27	.7182	1,423
1961	55,635.07	40.00	2.50	1,390.88	11.70	.7075	39,362
1962	21,199.04	40.00	2.50	529.98	12.14	.6965	14,765
1963	87,146.53	40.00	2.50	2,178.66	12.59	.6852	59,713
1964	40,125.40	40.00	2.50	1,003.14	13.04	.6740	27,045
1965	38,906.64	40.00	2.50	972.67	13.50	.6625	25,776
1966	44,906.85	40.00	2.50	1,122.67	13.97	.6507	29,221
1967	106,634.86	40.00	2.50	2,665.87	14.45	.6387	68,108
1968	15,461.32	40.00	2.50	386.53	14.93	.6267	9,690
1969 1970	170,665.55 11,253.49	40.00	2.50 2.50	4,266.64 281.34	15.43 15.93	.6142 .6017	104,823 6,771
1970	78,614.87	40.00	2.50	1,965.37	16.44	.5890	46,304
1972	, 0, 014.07	10.00					
	2,551.94	40.00	2.50	63.80	16.96	.5760	1.470
1973	2,551.94 26,863.63	40.00	2.50 2.50	63.80 671.59	16.96 17.49	.5760 .5627	1,470 15,116

## ACCOUNT 375 STRUCTURES AND IMPROVEMENTS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUA RATE (4)	L ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUI FACTOR (7)	ED DEPREC AMOUNT (8)
ALL O	THER STRUCTURES	AND IM	IPROVEME	NTS			
SURVI	VOR CURVE IOW	A 40-R1					
NET S	ALVAGE PERCENT.	. 0					
1975	923,700.69	40.00	2.50	23,092.52	18.58	.5355	494,642
1976	8,425.01	40.00	2.50	210.63	19.13	.5217	4,395
1977	75,365.72	40.00	2.50	1,884.14	19.70	.5075	38,248
1978	12,722.14	40.00	2.50	318.05	20.27	.4932	6,275
1979	41,769.74	40.00	2.50	1,044.24	20.85	.4787	19,995
1980	6,632.63	40.00	2.50	165.82	21.44	.4640	3,078
1981	39,961.71	40.00	2.50	999.04	22.04	.4490	17,943
1982	36,254.50	40.00	2.50	906.36	22.64	.4340	15,734
1983	27,510.96	40.00	2.50	687.77	23.26	.4185	11,513
1984	116,114.77	40.00	2.50	2,902.87	23.88	.4030	46,794
1985	39,492.91	40.00	2.50	987.32	24.51	.3872	15,292
1986	2,650,909.96	40.00	2.50	66,272.75	25.14	.3715	984,813
1987	544,771.69	40.00	2.50	13,619.29	25.78	.3555	193,666
1988	1,184,287.63	40.00	2.50	29,607.19	26.43	.3392	401,710
1989	1,733,904.41	40.00	2.50	43,347.61	27.09	.3227	559,531
1990	280,781.20	40.00	2.50	7,019.53	27.75	.3062	85,975
1991	61,680.90	40.00	2.50	1,542.02	28.41	.2897	17,869
1992	506,144.68	40.00	2.50	12,653.62	29.08	.2730	138,177
1993	459,320.62	40.00	2.50	11,483.02	29.75	.2562	117,678
1994	6,355,708.18	40.00	2.50	158,892.70	30.43	.2392	1,520,285
1995	229,724.63	40.00	2.50	5,743.12	31.11	.2222	51,045
1996	865,468.59	40.00	2.50	21,636.71	31.80	.2050	177,421
1997	84,187.06	40.00	2.50	2,104.68	32.49	.1877	15,802
1998	1,066,997.14	40.00	2.50	26,674.93	33.18	.1705	181,923
1999	4,863.57	40.00	2.50	121.59	33.88	.1530	744
2000	365,347.81	40.00	2.50	9,133.70	34.58	.1355	49,505
2001	1,719,309.03	40.00	2.50	42,982.73	35.28	.1180	202,878
2002	484,587.73	40.00	2.50	12,114.69	36.00	.1000	48,459
2003	586,769.86	40.00	2.50	14,669.25	36.71	.0822	48,232
2004	1,129,430.73	40.00	2.50	28,235.77	37.43	.0642	72,509
2005	345,848.58	40.00	2.50	8,646.21	38.16	.0460	15,909
2006	1,285,377.94	40.00	2.50	32,134.45	38.89	.0277	35,605
2007	428,785.04	40.00	2.50	10,719.63	39.63	.0092	3,945
	24,697,773.20			617,444.36			6,272,007
TOTAL	54,158,984.82		1	,235,411.02			14,192,029

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 2.28

## ACCOUNT 376 MAINS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW		2.5				
1929 1939 1941 1946	63,658.04 0.01 170,427.65 573,876.75	66.00 66.00 66.00	1.52 1.52 1.52 1.52	967.60 2,590.50 8,722.93	11.03 14.66 15.54 17.97	.8329 .7779 .7645 .7277	53,021 130,292 417,610
1947 1948 1949 1950	355,396.09 361,134.69 351,694.61 762,937.11	66.00 66.00 66.00	1.52 1.52 1.52 1.52	5,402.02 5,489.25 5,345.76 11,596.64	18.49 19.03 19.58 20.14	.7198 .7117 .7033 .6948	255,814 257,020 247,347 530,089
1951 1952 1953 1954 1955	217,276.23 95,616.84 771,682.55 790,526.22 841,842.16	66.00 66.00 66.00 66.00	1.52 1.52 1.52 1.52 1.52	3,302.60 1,453.38 11,729.57 12,016.00 12,796.00	20.72 21.30 21.90 22.50 23.12	.6861 .6773 .6682 .6591 .6497	149,073 64,761 515,638 521,036 546,945
1955 1956 1957 1958 1959	825,976.46 5,570,435.31 1,101,750.24 1,738,970.25	66.00 66.00 66.00	1.52 1.52 1.52 1.52 1.52	12,796.00 12,554.84 84,670.62 16,746.60 26,432.35	23.75 24.39 25.04 25.70	.6402 .6305 .6206	546,945 528,790 3,512,159 683,746 1,061,815
1960 1961 1962 1963	3,700,114.77 5,362,745.52 2,765,252.11 5,190,320.41	66.00 66.00 66.00	1.52 1.52 1.52 1.52	56,241.74 81,513.73 42,031.83 78,892.87	26.37 27.04 27.73 28.43	.5903 .5798 .5692	2,221,919 3,165,629 1,603,293 2,954,330
1964 1965 1966 1967 1968	3,818,089.28 7,160,551.88 3,549,625.60 1,514,674.95 1,494,154.88	66.00 66.00 66.00 66.00	1.52 1.52 1.52 1.52 1.52	58,034.96 108,840.39 53,954.31 23,023.06 22,711.15	29.13 29.84 30.56 31.29 32.03	.5479	2,132,785 3,923,266 1,906,149 796,568 769,042
1969 1970 1971 1972	3,228,897.39 1,751,208.12 2,466,615.68 2,462,189.25	66.00 66.00 66.00	1.52 1.52 1.52 1.52	49,079.24 26,618.36 37,492.56 37,425.28	32.77 33.52 34.28 35.05	.4921 .4806 .4689	1,625,750 861,770 1,185,455 1,154,521
1973 1974 1975 1976 1977	3,474,233.91 3,097,815.47 3,657,466.32 4,196,618.17 5,174,610.24	66.00 66.00 66.00 66.00	1.52 1.52 1.52 1.52 1.52	52,808.36 47,086.80 55,593.49 63,788.60 78,654.08	35.82 36.60 37.39 38.19 38.99	.4455 .4335 .4214	1,588,767 1,380,077 1,585,512 1,768,455 2,117,451
1978 1979 1980 1981 1982	6,488,854.38 7,016,507.74 8,087,900.87 7,269,900.17 5,665,997.32	66.00 66.00 66.00 66.00	1.52 1.52 1.52	98,630.59 106,650.92 122,936.09 110,502.48 86,123.16	39.79 40.61 41.43 42.26 43.09	.3971 .3847 .3723 .3597	2,576,724 2,699,251 3,011,125 2,614,983 1,966,668

## ACCOUNT 376 MAINS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.	ANNU	AL ACCRUAL			JED DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
CIIDIII	TIOD GUDITE TOU	W (( D)	_				
	VOR CURVE IOW SALVAGE PERCENT.		. 5				
MEI O	ALVAGE FERCENT.	30					
1983	4,786,488.68	66.00	1.52	72,754.63	43.93	.3344	1,600,602
1984	7,618,994.62	66.00	1.52	115,808.72	44.77	.3217	2,451,031
1985	6,033,233.39	66.00	1.52	91,705.15	45.63	.3086	1,861,856
1986	3,990,202.75	66.00	1.52	60,651.08	46.48	.2958	1,180,302
1987	29,362,682.14	66.00	1.52	446,312.77	47.34	.2827	8,300,830
1988	12,103,856.81	66.00	1.52	183,978.62	48.21	.2695	3,261,989
1989	22,878,042.29	66.00	1.52	347,746.24	49.08	.2564	5,865,930
1990	8,694,577.40	66.00	1.52	132,157.58	49.96	.2430	2,112,782
1991	7,478,304.52	66.00	1.52	113,670.23	50.84	.2297	1,717,767
1992	22,815,378.64	66.00	1.52	346,793.76	51.73	.2162	4,932,685
1993	10,805,463.58	66.00	1.52	164,243.05	52.62	.2027	2,190,267
1994	10,416,205.37	66.00	1.52	158,326.32	53.52	.1891	1,969,704
1995	16,283,879.70	66.00	1.52	247,514.97	54.42	.1755	2,857,821
1996	16,892,149.49	66.00	1.52	256,760.67	55.33	.1617	2,731,461
1997	24,787,446.62	66.00	1.52	376,769.19	56.24	.1479	3,666,063
1998	22,701,275.89	66.00	1.52	345,059.39	57.15	.1341	3,044,241
1999	18,880,421.05	66.00	1.52	286,982.40	58.07	.1202	2,269,427
2000	41,230,668.64	66.00	1.52	626,706.16	58.99	.1062	4,378,697
2001	25,585,071.04	66.00	1.52	388,893.08	59.91	.0923	2,361,502
2002	30,288,608.39	66.00	1.52	460,386.85	60.84	.0782	2,368,569
2003	34,720,299.99	66.00	1.52	527,748.56	61.77	.0641	2,225,571
2004	27,663,710.11	66.00	1.52	420,488.39	62.71	.0498	1,377,653
2005	31,381,576.66	66.00	1.52	476,999.97	63.64	.0358	1,123,460
2006	51,690,701.92	66.00	1.52	785,698.67	64.58	.0215	1,111,350
2007	92,755,619.73	66.00	1.52	1,409,885.42	65.53	.0071	658,565
			1	0,564,492.58			122,704,771
NET S	SALVAGE ADJUSTME	NT		4,014,507.18			46,627,813
TOTAL	695,032,405.06		1	4,578,999.76			169,332,584

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 2.10

## ACCOUNT 377 COMPRESSOR STATION EQUIPMENT

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW LVAGE PERCENT.		ŀ				
1969	452,160.81	33.00	3.03	13,700.47	2.84	.9139	413,230
1971	90,593.10	33.00	3.03	2,744.97	3.46	.8952	81,099
1978	5,646.24	33.00	3.03	171.08	6.76	.7952	4,490
1982	20,308.03	33.00	3.03	615.33	9.48	.7127	14,474
1983	84,627.77	33.00	3.03	2,564.22	10.22	.6903	58,419
1984	87,549.51	33.00	3.03	2,652.75	10.98	.6673	58,422
1985	28,415.04	33.00	3.03	860.98	11.76	.6436	18,288
1986	11,136.04	33.00	3.03	337.42	12.56	.6194	6,898
1987	1,405,742.87	33.00	3.03	42,594.01	13.39	.5942	835,292
1988	12,851.31	33.00	3.03	389.39	14.24	.5685	7,306
1989	2,019.33	33.00	3.03	61.19	15.11	.5421	1,095
1990	101,939.00	33.00	3.03	3,088.75	15.99	.5155	52,550
1991	16,096.60	33.00	3.03	487.73	16.90	.4879	7,854
1993	962.36	33.00	3.03	29.16	18.75	.4318	416
1994	5,620.46	33.00	3.03	170.30	19.69	.4033	2,267
1996	1,291.27	33.00	3.03	39.13	21.61	.3452	446
1997	3,775.55	33.00	3.03	114.40	22.58	.3158	1,192
1998	86,906.66	33.00	3.03	2,633.27	23.56	.2861	24,864
2000	469,368.65	33.00	3.03	14,221.87	25.53	.2264	106,265
2001	7,645.14	33.00	3.03	231.65	26.52	.1964	1,502
2002	45,049.48	33.00	3.03	1,365.00	27.51	.1664	7,496
2003	326,075.55	33.00	3.03	9,880.09	28.51	.1361	44,379
2004	641,491.50	33.00	3.03	19,437.19	29.51	.1058	67,870
2005	284,101.95	33.00	3.03	8,608.29	30.50	.0758	21,535
2007	140,343.69	33.00	3.03	4,252.41	32.50	.0152	2,133
				131,251.05			1,839,782
NET SA	LVAGE ADJUSTME	NT	•	6,562.55			91,989
TOTAL	4,331,717.91		:	137,813.60			1,931,771

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 3.18

## ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW LVAGE PERCENT.		)				
1939 1941	28.27 234.29	34.00	2.94	6.89	0.55	1.0000	28 230
1942	187.43	34.00	2.94	5.51	0.92	.9729	182
1945	90.11	34.00	2.94	2.65	2.02	.9406	85
1946	15.86	34.00	2.94	0.47	2.40	.9294	15
1947	6,701.18	34.00	2.94	197.01	2.77	.9185	6,155
1948	35,402.75	34.00	2.94	1,040.84	3.15	.9074	32,124
1949	8,509.20	34.00	2.94	250.17	3.52	.8965	7,628
1950	1,376.97	34.00	2.94	40.48	3.90	.8853	1,219
1951	2,866.91	34.00	2.94	84.29	4.29	.8738	2,505
1952	111,470.75	34.00	2.94	3,277.24	4.67	.8626	96,155
1953	43,523.65	34.00	2.94	1,279.60	5.05	.8515	37,060
1954	49,450.40	34.00	2.94	1,453.84	5.44	.8400	41,538
1955	20,355.32	34.00	2.94	598.45	5.83	.8285	16,864
1956	26,213.27	34.00	2.94	770.67	6.22	.8171	21,419
1957	51,856.32	34.00	2.94	1,524.58	6.62	.8053	41,760
1958	35,188.94	34.00	2.94	1,034.55	7.01	.7938	27,933
1959	14,278.74	34.00	2.94	419.79	7.41	.7821	11,167
1960	28,692.70	34.00	2.94	843.57	7.81	.7703	22,102
1961	56,823.96	34.00	2.94	1,670.62	8.21	.7585	43,101
1962 1963	70,678.42 81,505.31	34.00 34.00	2.94 2.94	2,077.95 2,396.26	8.62 9.03	.7465 .7344	52,761 59,857
1964	53,765.79	34.00	2.94	1,580.71	9.44	.7224	38,840
1965	65,918.99	34.00	2.94	1,938.02	9.86	.7100	46,802
1966	35,517.43	34.00	2.94	1,044.21	10.27	.6979	24,788
1967	92,938.58	34.00	2.94	2,732.39	10.69	.6856	63,719
1968	21,389.85	34.00	2.94	628.86	11.12	.6729	14,393
1969	11,860.12	34.00	2.94	348.69	11.55	.6603	7,831
1970	80,977.00	34.00	2.94	2,380.72	11.98	.6476	52,441
1971	40,050.04	34.00	2.94	1,177.47	12.41	.6350	25,432
1972	13,937.73	34.00	2.94	409.77	12.85	.6221	8,671
1973	61,890.45	34.00	2.94	1,819.58	13.29	.6091	37,697
1974	37,842.67	34.00	2.94	1,112.57	13.74	.5959	22,550
1975	40,882.69	34.00	2.94	1,201.95	14.19	.5826	23,818
1976	51,592.76	34.00	2.94	1,516.83	14.65	.5691	29,361
1977	200,328.11	34.00	2.94	5,889.65	15.11	.5556	111,302
1978	89,779.06	34.00	2.94	2,639.50	15.58	.5418	48,642
1979	84,991.52	34.00	2.94	2,498.75	16.05	.5279	44,867
1980	61,448.12	34.00	2.94	1,806.57	16.53	.5138	31,572
1981	133,501.18	34.00	2.94	3,924.93	17.01	.4997	66,711

## ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAI RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	VOR CURVE IOW ALVAGE PERCENT.						
1982	290,617.92	34.00	2.94	8,544.17	17.50	.4853	141,037
1983	266,078.02	34.00	2.94	7,822.69	17.99	.4709	125,296
1984	231,185.96	34.00	2.94	6,796.87	18.49	.4562	105,467
1985	237,649.27	34.00	2.94	6,986.89	19.00	.4412	104,851
1986	292,029.69	34.00	2.94	8,585.67	19.52	.4259	124,375
1987	568,060.40	34.00	2.94	16,700.98	20.05	.4103	233,075
1988	234,959.78	34.00	2.94	6,907.82	20.58	.3947	92,739
1989	298,352.35	34.00	2.94	8,771.56	21.12	.3788	113,016
1990	210,479.34	34.00	2.94	6,188.09	21.67	.3626	76,320
1991	235,017.80	34.00	2.94	6,909.52	22.23	.3462	81,363
1992	414,111.33	34.00	2.94	12,174.87	22.81	.3291	136,284
1993	981,644.27	34.00	2.94	28,860.34	23.39	.3121	306,371
1994	461,250.64	34.00	2.94	13,560.77	23.99	.2944	135,792
1995	2,252,167.94	34.00	2.94	66,213.74	24.60	.2765	622,724
1996	446,176.97	34.00	2.94	13,117.60	25.22	.2582	115,203
1997	518,823.96	34.00	2.94	15,253.42	25.86	.2394	124,206
1998	940,593.48	34.00	2.94	27,653.45	26.51	.2203	207,213
1999	868,781.78	34.00	2.94	25,542.18	27.19	.2003	174,017
2000	1,992,230.54	34.00	2.94	58,571.58	27.88	.1800	358,601
2001	1,512,615.26	34.00	2.94	44,470.89	28.59	.1591	240,657
2002	5,948,770.96	34.00	2.94	174,893.87	29.33	.1374	817,361
2003	1,497,621.64	34.00	2.94	44,030.08	30.10	.1147	171,777
2004	1,027,574.72	34.00	2.94	30,210.70	30.89	.0915	94,023
2005	1,946,088.81	34.00	2.94	57,215.01	31.72	.0671	130,583
2006	6,384,673.07	34.00	2.94	187,709.39	32.59	.0415	264,964
2007	5,543,677.17	34.00	2.94	162,984.11	33.51	.0144	79,829
			1.	,100,302.86			6,398,469
NET S	ALVAGE ADJUSTME	NT	- /	330,090.86			1,919,541
TOTAL	37,425,295.91		1,	,430,393.72			8,318,010

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 3.82

## ACCOUNT 380 SERVICES

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW LVAGE PERCENT.		2.5				
NET SA 1929 1930 1931 1932 1933 1934 1936 1937 1938 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955	231.44 139.04 288.55 124.88 504.80 356.82 120.97 153.64 12.81 107.33 658.23 71.50 302.48 1,505.66 26.46 97.83 57,728.06 66,715.46 127,476.61 9,399.90 297,165.38 230,077.69 282,938.95 628,225.89 584,466.33 702,423.10	49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00	2.04 2.04 2.04 2.04 2.04 2.04 2.04 2.04	4.72 2.84 5.89 2.55 10.30 7.28 2.47 3.13 0.26 2.19 13.43 1.46 6.17 30.72 0.54 2.00 1,177.65 1,361.00 2,600.52 191.76 6,062.17 4,693.58 5,771.95 12,815.81 11,923.11 14,329.43	3.28 3.51 3.74 3.96 4.17 4.39 4.83 5.06 5.28 5.57 5.98 6.27 6.73 6.27 7.53 7.82 8.12 8.43 8.76 9.45 9.45 9.45 9.82	.9331 .9284 .9237 .9192 .9149 .9104 .9014 .8967 .8922 .8876 .8872 .8780 .8729 .8680 .8627 .8573 .8520 .8463 .8404 .8343 .8280 .8212 .8143 .8071 .7996 .7996	216 129 267 115 462 325 109 138 11 95 581 63 264 1,307 23 84 49,184 56,461 107,131 7,842 246,053 188,940 230,397 507,041 467,339 556,038
1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969	567,059.71 846,867.86 792,342.00 1,286,666.77 619,750.38 2,217,951.73 861,143.96 1,195,843.36 1,037,102.21 919,158.13 811,222.17 802,911.48 851,361.59 880,712.99	49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00 49.00	2.04 2.04 2.04 2.04 2.04 2.04 2.04 2.04	11,568.02 17,276.10 16,163.78 26,248.00 12,642.91 45,246.22 17,567.34 24,395.20 21,156.89 18,750.83 16,548.93 16,379.39 17,367.78 17,966.54	10.62 11.04 11.48 11.94 12.42 12.91 13.42 13.95 14.50 15.06 15.64 16.23 16.84 17.47	.7833 .7747 .7657 .7563 .7465 .7365 .7261 .7153 .7041 .6927 .6808 .6688 .6563	444,178 656,069 606,696 973,106 462,644 1,633,521 625,277 855,387 730,224 636,701 552,280 536,987 558,749 566,739

## ACCOUNT 380 SERVICES

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.		AL ACCRUAL			ED DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVT	VOR CURVE IOW	A 49-R2	. 5				
	ALVAGE PERCENT.		• •				
		• , ,					
1970	954,123.84	49.00	2.04	19,464.13	18.10	.6306	601,670
1971	936,456.76	49.00	2.04	19,103.72	18.75	.6173	578 <b>,</b> 075
1972	1,209,869.78	49.00	2.04	24,681.34	19.42	.6037	730,398
1973	1,685,984.88	49.00	2.04	34,394.09	20.09	.5900	994,731
1974	1,951,997.82	49.00	2.04	39,820.76	20.78	.5759	1,124,156
1975	5,325,543.95	49.00	2.04	108,641.10	21.48	.5616	2,990,825
1976	1,632,907.83	49.00	2.04	33,311.32	22.19	.5471	893,364
1977	3,954,820.53	49.00	2.04	80,678.34	22.92	.5322	2,104,755
1978	4,433,511.03	49.00	2.04	90,443.63	23.65	.5173	2,293,455
1979	4,527,755.16	49.00	2.04	92,366.21	24.39	.5022	2,273,839
1980	4,424,069.20	49.00	2.04	90,251.01	25.15	.4867	2,153,194
1981	5,522,120.95	49.00	2.04	112,651.27	25.91	.4712	2,602,023
1982	4,144,942.19	49.00	2.04	84,556.82	26.68	.4555	1,888,021
1983	4,215,746.55	49.00	2.04	86,001.23	27.47	.4394	1,852,399
1984	3,539,682.26	49.00	2.04	72,209.52	28.26	.4233	1,498,348
1985	5,017,391.77	49.00	2.04	102,354.79	29.06	.4069	2,041,577
1986	1,682,538.24	49.00	2.04	34,323.78	29.87	.3904	656,863
1987	15,834,075.64	49.00	2.04	323,015.14	30.69	.3737	5,917,194
1988	6,634,869.36	49.00	2.04	135,351.33	31.52	.3567	2,366,658
1989	2,363,426.42	49.00	2.04	48,213.90	32.35	.3398	803,092
1990	4,852,769.93	49.00	2.04	98,996.51	33.20	.3224	1,564,533
1991	8,706,039.51	49.00	2.04	177,603.21	34.05	.3051	2,656,213
1992	9,060,829.27	49.00	2.04	184,840.92	34.91	.2876	2,605,894
1993	8,219,762.47	49.00	2.04	167,683.15	35.77	.2700	2,219,336
1994	8,851,917.38	49.00	2.04	180,579.11	36.65	.2520	2,230,683
1995	8,064,077.55	49.00	2.04	164,507.18	37.53	.2341	1,887,801
1996	10,457,849.36	49.00	2.04	213,340.13	38.41	.2161	2,259,941
1997	383,804.45	49.00	2.04	7,829.61	39.31	.1978	75,917
1998	17,119,415.27	49.00	2.04	349,236.07	40.21	.1794	3,071,223
1999	9,870,589.16	49.00	2.04	201,360.02	41.11	.1610	1,589,165
2000	26,214,045.07	49.00	2.04	534,766.52	42.02	.1424	3,732,880
2001	16,522,206.71	49.00	2.04	337,053.02	42.94	.1237	2,043,797
2002	17,174,518.46	49.00	2.04	350,360.18	43.86	.1049	1,801,607
2003	8,702,867.99	49.00	2.04	177,538.51	44.78	.0861	749,317
2004	6,767,581.37	49.00	2.04	138,058.66	45.71	.0671	454,105
2005	6,846,905.62	49.00	2.04	139,676.87	46.65	.0480	328,651
2006	5,658,935.47	49.00	2.04	115,442.28	47.59	.0288	162,977
2007	6,003,757.39	49.00	2.04	122,476.65	48.53	.0096	57,636
				5,633,482.89			78,115,486
NET S	ALVAGE ADJUSTME	NT		3,943,438.02			54,680,840
TOTAL	276,151,120.74			9,576,920.91		1	132,796,326

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 3.47

## ACCOUNT 381 METERS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUE FACTOR (7)	D DEPREC AMOUNT (8)
	VOR CURVE IOW ALVAGE PERCENT.		.5				
1970 1972	321,619.20 113.30	28.00 28.00	3.57 3.57	11,481.81	3.55 4.02	.8732 .8564	280,838 97
1974	1,059.67	28.00	3.57	37.83	4.54	.8379	888
1976	321,375.61	28.00	3.57	11,473.11	5.12	.8171	262,596
1978	107.56	28.00	3.57	3.84	5.77	.7939	85
1980	550.00	28.00	3.57	19.64	6.51	.7675	422
1982	8,490.85	28.00	3.57	303.12	7.34	.7379	6,265
1983	511,300.04	28.00	3.57	18,253.41	7.80	.7214	368,852
1984	875,531.03	28.00	3.57	31,256.46	8.29	.7039	616,286
1985	2,413,035.20	28.00	3.57	86,145.36	8.81	.6854	1,653,894
1986	1,574,154.16	28.00	3.57	56,197.30	9.36	.6657	1,047,914
1987	1,299,801.68	28.00	3.57	46,402.92	9.95	.6446	837,852
1988	1,532,918.03	28.00	3.57	54,725.17	10.57	.6225	954,241
1989	873,532.55	28.00	3.57	31,185.11	11.23	.5989	523,159
1990	1,391,067.65	28.00	3.57	49,661.12	11.92	.5743	798,890
1991	1,855,413.41	28.00	3.57	66,238.26	12.65	.5482	1,017,138
1992	2,480,537.29	28.00	3.57	88,555.18	13.41	.5211	1,292,608
1993	2,559,422.79	28.00	3.57	91,371.39	14.21	.4925	1,260,516
1994	2,965,867.40	28.00		105,881.47	15.04	.4629	1,372,900
1995	3,687,359.85	28.00	3.57	131,638.75	15.90	.4321	1,593,308
1996	3,880,502.10	28.00		138,533.92	16.79	.4004	1,553,753
1997	3,989,049.08	28.00		142,409.05	17.70	.3679	1,467,571
1998	4,543,797.12	28.00		162,213.56	18.64	.3343	1,518,991
1999	4,650,740.60	28.00		166,031.44	19.59	.3004	1,397,082
2000	4,360,332.31	28.00		155,663.86	20.55	.2661	1,160,284
2004	4,225,797.04	28.00		150,860.95	24.50	.1250	528,225
2005	3,941,114.41	28.00		140,697.78	25.50	.0893	351,942
2006	4,496,702.11	28.00		160,532.27	26.50	.0536	241,023
2007	4,273,744.74	28.00	3.57	152,572.69	27.50	.0179	76,500
TOTAL	63,035,036.78		2,	250,350.81			22,184,120

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 3.57

## ACCOUNT 381.1 METERS - TELEMETRY EQUIPMENT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW LVAGE PERCENT.						
1975	79,477.16	15.00	6.67	5,301.13	1.84	.8773	69,725
1976	1,963.07	15.00	6.67	130.94	2.03	.8647	1,697
1984	2,454.27	15.00	6.67	163.70	3.74	.7507	1,842
1985	1,076.07	15.00	6.67	71.77	3.99	.7340	790
1992	16,149.78	15.00	6.67	1,077.19	5.72	.6187	9,992
1993	9,471.93	15.00	6.67	631.78	5.96	.6027	5,709
1994	24,524.69	15.00	6.67	1,635.80	6.20	.5867	14,389
TOTAL	135,116.97			9,012.31			104,144

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 6.67

## ACCOUNT 381.2 METERS - TRANSPONDERS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNU RATE (4)	JAL ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUI FACTOR (7)	
SURVI	VOR CURVE IOW	A 13-S2					
NET S.	ALVAGE PERCENT.	. 0					
2000	10,738,930.32	13.00	7.69	825,823.74	6.22	.5215	5,600,352
2001	8,813,799.67	13.00	7.69	677,781.19	6.95	.4654	4,101,942
2002	6,620,007.90	13.00	7.69	509,078.61	7.75	.4038	2,673,159
2003	7,493,611.10	13.00	7.69	576,258.69	8.62	.3369	2,524,598
2004	9,650,712.69	13.00	7.69	742,139.81	9.55	.2654	2,561,299
2005	6,795,634.45	13.00	7.69	522,584.29	10.51	.1915	1,301,364
2006	1,472,934.91	13.00	7.69	113,268.69	11.50	.1154	169,977
2007	1,899,405.88	13.00	7.69	146,064.31	12.50	.0385	73,127
TOTAL	53,485,036.92			4,112,999.33			19,005,818

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 7.69

## ACCOUNT 382 METER INSTALLATIONS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	CURVE IOW AGE PERCENT.						
1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965	4,471.28 681.92 1,701.52 173.67 92.17 7,665.93 3,372.50 1,595.46 126.49 397.94 703.25 66.33 24.37 163.61 107.11 16.17 216.81 55.19 1,756.47 322.44 866.69 483.95 4,257.41 38,384.32 15,618.64 3,924.90 17,785.73 20,403.76 46,424.38 42,264.83 24,090.77 23,710.28 20,989.27 20,783.73 34,121.27 21,120.07	42.00 42.00	2.38 2.38 2.38 2.38 2.38 2.38 2.38 2.38	37.97 3.01 9.47 16.74 1.58 0.58 3.89 2.55 0.38 5.16 1.31 41.80 7.67 20.63 11.52 101.33 913.55 371.72 93.41 423.30 485.61 1,104.90 1,005.90 573.36 564.30 499.54 494.65 812.09 502.66	0.17 0.37 0.61 0.83 1.06 1.31 1.55 1.80 2.05 2.31 2.57 2.82 3.08 3.34 3.59 4.66 4.39 4.66 4.95 5.24 5.55 5.88 6.22 6.58 6.97 7.37 7.79 8.24	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 .9960 .9912 .9855 .9802 .9748 .9688 .9631 .9571 .9512 .9450 .9388 .9329 .9267 .9205 .9145 .9081 .9019 .8955 .8890 .8821 .8752 .8679 .8600 .8519 .8433 .8245 .8145 .8038	4,471 682 1,702 174 92 7,666 3,373 1,589 125 392 689 65 24 158 103 15 205 52 1,639 299 798 443 3,866 34,619 13,986 3,489 15,689 17,857 40,292 36,348 20,523 19,995 17,505 17,136 27,792 16,976
1966 1967 1968 1969	11,665.23 13,464.22 9,960.64 9,480.66	42.00 42.00 42.00 42.00	2.38 2.38 2.38 2.38	277.63 320.45 237.06 225.64	8.71 9.20 9.72 10.26	.7926 .7810 .7686 .7557	9,246 10,516 7,656 7,165

## ACCOUNT 382 METER INSTALLATIONS

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
CIIDVIT	VOR CURVE IOW	7 42 D	)				
	ALVAGE PERCENT.		)				
1970	19,143.31	42.00	2.38	455.61	10.82	.7424	14,212
1971	299,972.81	42.00	2.38	7,139.35	11.40	.7286	218,560
1972	440,817.57	42.00	2.38	10,491.46	12.00	.7143	314,876
1973	558,690.02	42.00	2.38	13,296.82	12.62	.6995	390,804
1974	494,802.56	42.00	2.38	11,776.30	13.26	.6843	338,593
1975	981,465.26	42.00	2.38	23,358.87	13.92	.6686	656,208
1976	768,922.85	42.00	2.38	18,300.36	14.60	.6524	501,645
1977	913,902.28	42.00	2.38	21,750.87	15.29	.6360	581,242
1978	1,088,973.06	42.00	2.38	25,917.56	16.00	.6190	674,074
1979	1,163,896.16	42.00	2.38	27,700.73	16.72	.6019	700,549
1980	1,106,914.12	42.00	2.38	26,344.56	17.46	.5843	646 <b>,</b> 770
1981	1,521,583.35	42.00	2.38	36,213.68	18.22	.5662	861,520
1982	1,068,448.08	42.00	2.38	25,429.06	18.98	.5481	585,616
1983	1,248,522.44	42.00	2.38	29,714.83	19.76	.5295	661,093
1984	1,235,215.46	42.00	2.38	29,398.13	20.56	.5105	630,577
1985	1,417,131.14	42.00	2.38	33,727.72	21.36	.4914	696,378
1986	1,155,791.29	42.00	2.38	27,507.83	22.18	.4719	545,418
1987	1,468,437.82	42.00	2.38	34,948.82	23.01	.4521	663,881
1988	1,117,231.90	42.00	2.38	26,590.12	23.85	.4321	482,756
1989	1,602,000.33	42.00	2.38	38,127.61	24.70	.4119	659,864
1990	1,373,514.22	42.00	2.38	32,689.64	25.57	.3912	537,319
1991	1,090,748.98	42.00	2.38	25,959.83	26.44	.3705	404,122
1992	1,442,664.44	42.00	2.38	34,335.41	27.32	.3495	504,211
1993	2,014,557.74	42.00	2.38	47,946.47	28.22	.3281	660,976
1994	2,133,428.73	42.00	2.38	50,775.60	29.12	.3067	654,323
1995	1,747,764.16	42.00	2.38	41,596.79	30.04	.2848	497,763
1996	1,936,762.32	42.00	2.38	46,094.94	30.96	.2629	509,175
1997	2,008,185.62	42.00	2.38	47,794.82	31.89	.2407	483,370
1998	1,716,094.94	42.00	2.38	40,843.06	32.82	.2186	375,138
2000	5,806,827.37	42.00	2.38	138,202.49	34.72	.1733	1,006,323
2001	373,352.71	42.00	2.38	8,885.79	35.67	.1507	56,264
2002	16,164,680.54	42.00	2.38	384,719.40	36.63	.1279	2,067,463
2003	10,049,136.71	42.00	2.38	239,169.45	37.60	.1048	1,053,150
2004	6,423,249.89	42.00	2.38	152,873.35	38.57	.0817	524,780
2005	6,723,966.95	42.00	2.38	160,030.41	39.55	.0583	392,007
2006	2,737,009.68	42.00		65,140.83	40.53	.0350	95,795
2007	5,231,720.96	42.00	2.38	124,514.96	41.51	.0117	61,211
			2,	118,934.89		2	1,053,438
NET S	ALVAGE ADJUSTME	NT	:	105,946.74			1,052,672
TOTAL	89,049,039.15		2,	224,881.63		2	2,106,110

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 2.50

## ACCOUNT 383 HOUSE REGULATORS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUE: FACTOR (7)	D DEPREC AMOUNT (8)
SURVI	VOR CURVE IOW	A 30-R3					
NET S.	ALVAGE PERCENT.	. 0					
1960	179.18	30.00	3.33	5.97	0.76	.9747	175
1961	433.70	30.00	3.33	14.44	1.00	.9667	419
1962	4,929.10	30.00	3.33	164.14	1.25	.9583	4,724
1963	37.96	30.00	3.33	1.26	1.50	.9500	36
1964	209.55	30.00	3.33	6.98	1.76	.9413	197
1966	1,120.88	30.00	3.33	37.33	2.27	.9243	1,036
1967	321.09	30.00	3.33	10.69	2.53	.9157	294
1973	3,546.14	30.00	3.33	118.09	4.25	.8583	3,044
1975	2,283,036.65	30.00	3.33	76,025.12	4.98	.8340	1,904,053
1976	2,742.18	30.00	3.33	91.31	5.38	.8207	2,251
1977	6,376.01	30.00	3.33	212.32	5.82	.8060	5,139
1978	2,843.88	30.00	3.33	94.70	6.29	.7903	2,248
1979	1,092.08	30.00	3.33	36.37	6.79	.7737	845
1980	2,684.63	30.00	3.33	89.40	7.33	.7557	2,029
1981	101,466.51	30.00	3.33	3,378.83	7.89	.7370	74,781
1982	520.59	30.00	3.33	17.34	8.48	.7173	373
1983	267,917.03	30.00	3.33	8,921.64	9.10	.6967	186,658
1984	311,413.97	30.00	3.33	10,370.09	9.75	.6750	210,204
1985	348,121.35	30.00	3.33	11,592.44	10.43	.6523	227,080
1986	154,594.91	30.00	3.33	5,148.01	11.12	.6293	97,287
1987	523,345.29	30.00	3.33	17,427.40	11.84	.6053	316,781
1988	346,013.12	30.00	3.33	11,522.24	12.58	.5807	200,930
1989	304,804.16	30.00	3.33	10,149.98	13.34	.5553	169,258
1990	336,172.20	30.00	3.33	11,194.53	14.12	.5293	177,936
1991	417,927.58	30.00	3.33	13,916.99	14.91	.5030	210,218
1992	505,941.74	30.00	3.33	16,847.86	15.72	.4760	240,828
1993	692,068.86	30.00	3.33	23,045.89	16.55	.4483	310,254
1994	586,025.63	30.00	3.33	19,514.65	17.40	.4200	246,131
1995	610,437.51	30.00	3.33	20,327.57	18.26	.3913	238,864
1996	593,687.85	30.00	3.33	19,769.81	19.14	.3620	214,915
1997	931,371.46	30.00	3.33	31,014.67	20.03	.3323	309,495
1998	969,969.05	30.00	3.33	32,299.97	20.93	.3023	293,222
1999	693,713.23	30.00	3.33	23,100.65	21.85	.2717	188,482
2000	943,098.92	30.00	3.33	31,405.19	22.78	.2407	227,004
2001	612.50	30.00	3.33	20.40	23.71	.2097	128
2002	119,952.80	30.00	3.33	3,994.43	24.66	.1780	21,352
TOTAL	12,068,729.29			401,888.70			6,088,671

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 3.33

## ACCOUNT 384 HOUSE REGULATOR INSTALLATIONS

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW LVAGE PERCENT.		1.5				
1931	384.52	48.00	2.08	8.00	5.59	.8835	340
1934	34.48	48.00	2.08	0.72	6.40	.8667	30
1940	389.54	48.00	2.08	8.10	8.12	.8308	324
1943	24.26	48.00	2.08	0.50	9.05	.8115	20
1944	58.97	48.00	2.08	1.23	9.37	.8048	47
1945	3.67	48.00	2.08	0.08	9.70	.7979	3
1946	57.43	48.00	2.08	1.19	10.03	.7910	45
1947	23.87	48.00	2.08	0.50	10.38	.7837	19
1948	19.36	48.00	2.08	0.40	10.72	.7767	15
1949	227.39	48.00	2.08	4.73	11.08	.7692	175
1950	340.65	48.00	2.08	7.09	11.45	.7615	259
1951	195.21	48.00	2.08	4.06	11.83	.7535	147
1952	2,846.22	48.00	2.08	59.20	12.21	.7456	2,122
1953	26,220.02	48.00	2.08	545.38	12.61	.7373	19,332
1954	5,586.02	48.00	2.08	116.19	13.01	.7290	4,072
1955	1,739.16	48.00	2.08	36.17	13.43	.7202	1,253
1956	8,541.22	48.00	2.08	177.66	13.85	.7115	6,077
1957	13,440.95	48.00	2.08	279.57	14.29	.7023	9,440
1958	7,769.43	48.00	2.08	161.60	14.74	.6929	5,383
1959	15,081.58	48.00	2.08	313.70	15.20	.6833	10,305
1960	6,863.80	48.00	2.08	142.77	15.67	.6735	4,623
1961	6,906.76	48.00	2.08	143.66	16.15	.6635	4,583
1962	6,669.46	48.00	2.08	138.72	16.64	.6533	4,357
1963	7,536.38	48.00	2.08	156.76	17.14	.6429	4,845
1964	19,953.66	48.00	2.08	415.04	17.65	.6323	12,617
1965 1966	20,410.52 6,358.90	48.00	2.08 2.08	424.54 132.27	18.18 18.71	.6212 .6102	12,679
1967	5,586.60	48.00 48.00	2.08	116.20	19.26		3,880
1968	5,133.88	48.00	2.08	106.78	19.26	.5987 .5873	3,345
		48.00	2.08	84.65	20.38		3,015
1969 1970	4,069.95 17,211.94	48.00	2.08	358.01	20.36	.5754 .5633	2,342 9,695
1971	18,885.69	48.00	2.08	392.82	21.54	.5512	10,410
1971	3,098.39	48.00		64.45	22.14		
1972	16,663.36		2.08	346.60		.5387	1,669
1973	20,383.05	48.00	2.08 2.08	423.97	22.74 23.36	.5262	8,768 10 463
1974	21,371.64	48.00 48.00	2.08	444.53	23.36	.5133 .5004	10,463 10,694
1976	11,250.28	48.00	2.08	234.01	24.62	.4871	5,480
1977	8,409.03	48.00	2.08	174.91	25.26	.4737	3,480
1977	15,042.78	48.00	2.08	312.89	25.26	.4602	6,923
1979	20,989.89	48.00	2.08	436.59	26.57	.4465	9,372
±	20,000.09	40.00	2.00	±30.33	20.57	. 4400	5,512

## ACCOUNT 384 HOUSE REGULATOR INSTALLATIONS

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE IOW ALVAGE PERCENT.		5				
1980	28,988.91	48.00	2.08	602.97	27.24	.4325	12,538
1981	31,443.01	48.00	2.08	654.01	27.91	.4185	13,159
1982	11,043.06	48.00	2.08	229.70	28.59	.4044	4,466
1983	117,970.84	48.00	2.08	2,453.79	29.28	.3900	46,009
1984	38,186.02	48.00	2.08	794.27	29.98	.3754	14,335
1985	42,937.85	48.00	2.08	893.11	30.69	.3606	15,483
1986	165,777.43	48.00	2.08	3,448.17	31.40	.3458	57,326
1987	145,784.87	48.00	2.08	3,032.33	32.11	.3310	48,255
1988	3,361.89	48.00	2.08	69.93	32.84	.3158	1,062
1989	63,546.48	48.00	2.08	1,321.77	33.57	.3006	19,102
1990	177,559.36	48.00	2.08	3,693.23	34.30	.2854	50,675
1991	133,401.37	48.00	2.08	2,774.75	35.04	.2700	36,018
1992	69,500.23	48.00	2.08	1,445.60	35.79	.2544	17,681
1993	209,272.07	48.00	2.08	4,352.86	36.54	.2387	49,953
1994	58,921.65	48.00	2.08	1,225.57	37.30	.2229	13,134
1995	56,955.01	48.00	2.08	1,184.66	38.06	.2071	11,795
1996	25,567.42	48.00	2.08	531.80	38.83	.1910	4,883
1997	21,545.76	48.00	2.08	448.15	39.60	.1750	3,771
1998	9,438.11	48.00	2.08	196.31	40.38	.1587	1,498
2000	89,611.68	48.00	2.08	1,863.92	41.95	.1260	11,291
2002	484,830.94	48.00	2.08	10,084.48	43.53	.0931	45,138
2003	12,093.79	48.00	2.08	251.55	44.33	.0765	925
2004	16,024.36	48.00	2.08	333.31	45.14	.0596	955
2006	219,089.66	48.00	2.08	4,557.06	46.77	.0256	5,609
2007	467,085.26	48.00	2.08	9,715.37	47.59	.0085	3,970
TOTAL	3,025,716.94			62,934.91			682,182

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 2.08

## ACCOUNT 387 OTHER EQUIPMENT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.		ACCRUAL			DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.		AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVIVOR	CURVE IOW	A 12-S2	2				
NET SALVA	AGE PERCENT.	. 0					
1948	87.57					1.0000	88
1973	4,714.70					1.0000	4,715
1987	66,629.36	12.00	8.33	5,550.23	0.66	.9450	62,965
1988	4,311.03	12.00	8.33	359.11	0.87	.9275	3,998
1989	22,398.28	12.00	8.33	1,865.78	1.10	.9083	20,344
1991	51,756.05	12.00	8.33	4,311.28	1.59	.8675	44,898
1992	33,856.77	12.00	8.33	2,820.27	1.87	.8442	28,582
1993	1,342.95	12.00	8.33	111.87	2.16	.8200	1,101
1994	7,498.56	12.00	8.33	624.63	2.49	.7925	5,943
1995	5,980.94	12.00	8.33	498.21	2.85	.7625	4,560
1996	12,012.30	12.00	8.33	1,000.62	3.24	.7300	8,769
1997	1,546.30	12.00	8.33	128.81	3.69	.6925	1,071
1998	62.65	12.00	8.33	5.22	4.18	.6517	41
1999	5,144.18	12.00	8.33	428.51	4.73	.6058	3,116
2001	26,136.35	12.00	8.33	2,177.16	6.04	.4967	12,982
2002	46,301.72	12.00	8.33	3,856.93	6.81	.4325	20,025
2003	38,839.24	12.00	8.33	3,235.31	7.65	.3625	14,079
2007	18,760.87	12.00	8.33	1,562.78	11.50	.0417	782
TOTAL	347,379.82			28,536.72			238,059

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 8.21

## ACCOUNT 390.01 STRUCTURES AND IMPROVEMENTS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.		ACCRUAL		-ACCRUED	
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVIV	OR CURVE IOW	A 40-R1	L				
	LVAGE PERCENT.						
1965	491.10	40.00	2.50	12.28	13.50	.6625	325
1975	65,198.58	40.00	2.50	1,629.96	18.58	.5355	34,914
1976	106,089.81	40.00	2.50	2,652.25	19.13	.5217	55,347
1977	19,037.62	40.00	2.50	475.94	19.70	.5075	9,662
1980	71,988.21	40.00	2.50	1,799.71	21.44	.4640	33,403
1981	144,534.37	40.00	2.50	3,613.36	22.04	.4490	64,896
1982	138,617.24	40.00	2.50	3,465.43	22.64	.4340	60,160
1983	321,588.18	40.00	2.50	8,039.70	23.26	.4185	134,585
1984	1,305,259.95	40.00	2.50	32,631.50	23.88	.4030	526,020
1985	258,485.67	40.00	2.50	6,462.14	24.51	.3872	100,086
1986	496,938.10	40.00	2.50	12,423.45	25.14	.3715	184,613
1987	28,473.00	40.00	2.50	711.83	25.78	.3555	10,122
1988	95,273.24	40.00	2.50	2,381.83	26.43	.3392	32,317
1989	171,936.83	40.00	2.50	4,298.42	27.09	.3227	55,484
1990	552,350.71	40.00	2.50	13,808.77	27.75	.3062	169,130
1991	346,011.12	40.00	2.50	8,650.28	28.41	.2897	100,239
1992	248,727.58	40.00	2.50	6,218.19	29.08	.2730	67,903
1993	235,133.50	40.00	2.50	5,878.34	29.75	.2562	60,241
1994	35,378.05	40.00	2.50	884.45	30.43	.2392	8,462
1995	14,215.34	40.00	2.50	355.38	31.11	.2222	3,159
1996	321,963.08	40.00	2.50	8,049.08	31.80	.2050	66,002
1997	71,483.68	40.00	2.50	1,787.09	32.49	.1877	13,417
1998	158,211.47	40.00	2.50	3,955.29	33.18	.1705	26,975
1999	415,162.70	40.00	2.50	10,379.07	33.88	.1530	63,520
2000	118,561.77	40.00	2.50	2,964.04	34.58	.1355	16,065
2001	644,156.81	40.00	2.50	16,103.92	35.28	.1180	76,011
2002	5,374.72	40.00	2.50	134.37	36.00	.1000	537
2004	23,959.32	40.00	2.50	598.98	37.43	.0642	1,538
2005	2,773.93	40.00	2.50	69.35	38.16	.0460	128
2006	485,565.32	40.00	2.50	12,139.13	38.89	.0277	13,450
2007	98,973.27	40.00	2.50	2,474.33	39.63	.0092	911
TOTAL	7,001,914.27		:	175,047.86			1,989,622

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 2.50

## ACCOUNT 390.41 STRUCTURES AND IMPROVEMENTS - CNG FUEL STAT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.	ANNUA	L ACCRUAL		-ACCRUED	DEPREC
YEAR	COST	${ t LIFE}$	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVI	VOR CURVE IOW	A 15-L3					
NET S	ALVAGE PERCENT.	. 0					
1987	3,812.00	15.00	6.67	254.26	3.33	.7780	2,966
1989	100,000.00	15.00	6.67	6,670.00	3.83	.7447	74,470
1991	23,544.12	15.00	6.67	1,570.39	4.25	.7167	16,874
1992	114,098.15	15.00	6.67	7,610.35	4.42	.7053	80,473
1993	676,852.34	15.00	6.67	45,146.05	4.59	.6940	469,736
1994	3,070.46	15.00	6.67	204.80	4.78	.6813	2,092
1995	17,693.81	15.00	6.67	1,180.18	5.04	.6640	11,749
1996	164,618.60	15.00	6.67	10,980.06	5.38	.6413	105,570
2000	78,930.84	15.00	6.67	5,264.69	7.89	.4740	37,413
2001	49,929.73	15.00	6.67	3,330.31	8.74	.4173	20,836
2002	10,348.40	15.00	6.67	690.24	9.63	.3580	3,705
2003	807.56	15.00	6.67	53.86	10.56	.2960	239
2004	6,608.56	15.00	6.67	440.79	11.52	.2320	1,533
2007	7,698.00	15.00	6.67	513.46	14.50	.0333	256
TOTAL	1,258,012.57			83,909.44			827,912

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 6.67

## ACCOUNT 391.01 OFFICE FURNITURE

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUEI FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE 20- LVAGE PERCENT.	~					
1987	3,342.68					1.0000	3,343
1988	23,754.95	20.00	5.00	1,187.75	0.50	.9750	23,161
1989	66,149.13	20.00	5.00	3,307.46	1.50	.9250	61,188
1990	54,069.45	20.00	5.00	2,703.47	2.50	.8750	47,311
1991	814,974.45	20.00	5.00	40,748.72	3.50	.8250	672,354
1992	229,698.90	20.00	5.00	11,484.95	4.50	.7750	178,017
1993	390,852.03	20.00	5.00	19,542.60	5.50	.7250	283,368
1994	144,557.30	20.00	5.00	7,227.87	6.50	.6750	97,576
1995	1,074,989.47	20.00	5.00	53,749.47	7.50	.6250	671,868
1996	197,268.05	20.00	5.00	9,863.40	8.50	.5750	113,429
1997	461,453.96	20.00	5.00	23,072.70	9.50	.5250	242,263
1998	1,015,861.96	20.00	5.00	50,793.10	10.50	.4750	482,534
1999	236,691.30	20.00	5.00	11,834.57	11.50	.4250	100,594
2000	204,091.65	20.00	5.00	10,204.58	12.50	.3750	76,534
2001	249,469.71	20.00	5.00	12,473.49	13.50	.3250	81,078
2002	336,051.60	20.00	5.00	16,802.58	14.50	.2750	92,414
2003	17,395.02	20.00	5.00	869.75	15.50	.2250	3,914
2004	1,057,917.03	20.00	5.00	52,895.85	16.50	.1750	185,135
2005	59,782.53	20.00	5.00	2,989.13	17.50	.1250	7,473
2006	45,318.68	20.00	5.00	2,265.93	18.50	.0750	3,399
2007	248,632.67	20.00	5.00	12,431.63	19.50	.0250	6,216
TOTAL	6,932,322.52			346,449.00			3,433,169

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 5.00

## ACCOUNT 391.02 OFFICE EQUIPMENT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUEI FACTOR (7)	DEPREC AMOUNT (8)
	70R CURVE 7-SQ ALVAGE PERCENT.	-					
2001 2002 2003 2004 2005 2006 2007	48,303.26 574,472.94 158,930.48 637,531.03 273,540.22 18,200.50 6,649.40	7.00 7.00 7.00 7.00 7.00	14.29 14.29 14.29 14.29 14.29 14.29	6,902.54 82,092.18 22,711.17 91,103.18 39,088.90 2,600.85 950.20	0.50 1.50 2.50 3.50 4.50 5.50	.9286 .7857 .6429 .5000 .3571 .2143	44,854 451,363 102,176 318,766 97,681 3,900 475
TOTAL	1,717,627.83			245,449.02			1,019,215

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 14.29

## ACCOUNT 391.03 COMPUTER HARDWARE

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNU RATE (4)	JAL ACCRUAL AMOUNT (5)	EXP.	-ACCRUEI FACTOR (7)	DEPREC AMOUNT (8)
SURVIV	OR CURVE 4-SQ	QUARE					
NET SA	LVAGE PERCENT.	. 0					
2002	111,144.20					1.0000	111,144
2003	217,456.27					1.0000	217,456
2004	2,778,637.15	4.00	25.00	694,659.29	0.50	.8750	2,431,308
2005	1,272,331.37	4.00	25.00	318,082.84	1.50	.6250	795,207
2006	754,511.97	4.00	25.00	188,627.99	2.50	.3750	282,942
2007	1,493,235.67	4.00	25.00	373,308.92	3.50	.1250	186,654
TOTAL	6,627,316.63			1,574,679.04			4,024,711

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 23.76

## ACCOUNT 391.04 COMPUTER SOFTWARE

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNU RATE (4)	JAL ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUI FACTOR (7)	ED DEPREC AMOUNT (8)
SURVI	VOR CURVE 10-	SQUARE					
NET S	ALVAGE PERCENT.	. 0					
1997	21,214.70					1.0000	21,215
1998	1,287,335.58	10.00	10.00	128,733.56	0.50	.9500	1,222,969
1999	337,647.67	10.00	10.00	33,764.77	1.50	.8500	287,001
2000	9,959,038.57	10.00	10.00	995,903.86	2.50	.7500	7,469,279
2001	4,013,119.18	10.00	10.00	401,311.92	3.50	.6500	2,608,527
2002	2,791,418.32	10.00	10.00	279,141.83	4.50	.5500	1,535,280
2003	1,313,026.62	10.00	10.00	131,302.66	5.50	.4500	590,862
2004	18,326,576.76	10.00	10.00	1,832,657.68	6.50	.3500	6,414,302
2005	492,587.66	10.00	10.00	49,258.77	7.50	.2500	123,147
2006	5,057,759.42	10.00	10.00	505,775.94	8.50	.1500	758,664
2007	1,126,274.77	10.00	10.00	112,627.48	9.50	.0500	56,314
TOTAL	44,725,999.25			4,470,478.47			21,087,560

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 10.00

## ACCOUNT 392.01 TRANSPORTATION EQUIPMENT - GENERAL

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP.	-ACCRUI FACTOR (7)	ED DEPREC AMOUNT (8)
	VOR CURVE IOW		L2.5				
NET S	ALVAGE PERCENT.	. +14					
1977	1,310.83					1.0000	1,311
1979	2,656.63	10.50	9.52	252.91	0.28	.9733	2,586
1980	3,507.30	10.50	9.52	333.89	0.44	.9581	3,360
1982	45,641.33	10.50	9.52	4,345.05	0.78	.9257	42,250
1983	1,560.79	10.50	9.52	148.59	0.96	.9086	1,418
1984	48,341.42	10.50	9.52	4,602.10	1.13	.8924	43,140
1985	33,844.88	10.50	9.52	3,222.03	1.29	.8771	29,685
1987	22,950.95	10.50	9.52	2,184.93	1.58	.8495	19,497
1988	2,035.94	10.50	9.52	193.82	1.73	.8352	1,700
1989	85,543.71	10.50	9.52	8,143.76	1.90	.8190	70,060
1990	203,142.66	10.50	9.52	19,339.18	2.09	.8010	162,717
1991	25,169.73	10.50	9.52	2,396.16	2.30	.7810	19,658
1992	515,629.41	10.50	9.52	49,087.92	2.52	.7600	391,878
1993	424,220.88	10.50	9.52	40,385.83	2.76	.7371	312,693
1994	1,175,462.50	10.50	9.52	111,904.03	3.00	.7143	839,633
1995	582,097.77	10.50	9.52	55,415.71	3.23	.6924	403,044
1996	1,103,299.19	10.50	9.52	105,034.08	3.43	.6733	742,851
1997	935,912.40	10.50	9.52	89,098.86	3.62	.6552	613,210
1998	2,825,086.97	10.50	9.52	268,948.28	3.82	.6362	1,797,320
1999	1,905,474.12	10.50	9.52	181,401.14	4.07	.6124	1,166,912
2000	2,459,343.16	10.50	9.52	234,129.47	4.44	.5771	1,419,287
2001	914,796.04	10.50	9.52	87,088.58	4.93	.5305	485,299
2002	1,106,841.50	10.50	9.52	105,371.31	5.57	.4695	519,662
2003	2,500,976.87	10.50	9.52	238,093.00	6.32	.3981	995,639
2004	2,135,212.62	10.50	9.52	203,272.24	7.16	.3181	679,211
2005	2,835,527.11	10.50	9.52	269,942.18	8.06	.2324	658,977
2006	2,044,387.00	10.50	9.52	194,625.64	9.01	.1419	290,099
2007	4,314,232.50	10.50	9.52	410,714.93	10.00	.0476	205,357
			2,	689,675.62			11,918,454
NET S	ALVAGE ADJUSTME	NT		376,554.59-			1,668,584-
TOTAL	28,254,206.21		2,	313,121.03			10,249,870

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 8.19

## ACCOUNT 392.02 TRANSPORTATION EQUIPMENT - CNG TANKS

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR	ORIGINAL COST	AVG. LIFE	RATE	L ACCRUAL AMOUNT	EXP.	-ACCRUED FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVI	JOR CURVE IOW	A 10.5-	L2.5				
NET SA	ALVAGE PERCENT.	. +3					
1000	056 010 51	10 50	0 50	04 201 04	0 00	0.01.0	005 005
1990	256,210.51	10.50	9.52	24,391.24	2.09	.8010	205,225
1991	8,746.68	10.50	9.52	832.68	2.30	.7810	6,831
1992	24,274.79	10.50	9.52	2,310.96	2.52	.7600	18,449
1993	19,845.40	10.50	9.52	1,889.28	2.76	.7371	14,628
1994	55,075.56	10.50	9.52	5,243.19	3.00	.7143	39,340
1995	224,571.57	10.50	9.52	21,379.21	3.23	.6924	155,493
1996	160,834.38	10.50	9.52	15,311.43	3.43	.6733	108,290
1997	130,717.08	10.50	9.52	12,444.27	3.62	.6552	85,646
1998	62,694.87	10.50	9.52	5,968.55	3.82	.6362	39,886
2001	13,002.66	10.50	9.52	1,237.85	4.93	.5305	6,898
2002	248,667.09	10.50	9.52	23,673.11	5.57	.4695	116,749
2003	22,224.90	10.50	9.52	2,115.81	6.32	.3981	8,848
2005	10,638.52	10.50	9.52	1,012.79	8.06	.2324	2,472
2006	1,083.84	10.50	9.52	103.18	9.01	.1419	154
2000	1,000.01	10.50	J. 32	103.10	J. 0 I	• = 1 = 2	101
				117,913.55			808,909
NET SA	ALVAGE ADJUSTME	NT		3,537.41-			24,267-
TOTAL	1,238,587.85			114,376.14			784,642

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 9.23

## ACCOUNT 393 STORES EQUIPMENT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	R CURVE 20- VAGE PERCENT.	~					
1988	2,882.97	20.00	5.00	144.15	0.50	.9750	2,811
1989	241.08	20.00	5.00	12.05	1.50	.9250	223
1990	584.64	20.00	5.00	29.23	2.50	.8750	512
2001	6,936.43	20.00	5.00	346.82	13.50	.3250	2,254
TOTAL	10,645.12			532.25			5,800

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 5.00

## ACCOUNT 394.1 TOOLS SHOP AND GARAGE EQUIPMENT - SMALL TOOLS

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.	ANNU	AL ACCRUAL		-ACCRUEI	DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	VOR CURVE 10-	~					
NET S	ALVAGE PERCENT.	. 0					
1997	5,529.87					1.0000	5,530
1998	271,771.49	10.00	10.00	27,177.15	0.50	.9500	258,183
1999	64,650.21	10.00	10.00	6,465.02	1.50	.8500	54,953
2000	266,202.89	10.00	10.00	26,620.29	2.50	.7500	199,652
2001	1,046,171.53	10.00	10.00	104,617.15	3.50	.6500	680,011
2002	1,516,143.53	10.00	10.00	151,614.35	4.50	.5500	833,879
2003	159,283.18	10.00	10.00	15,928.32	5.50	.4500	71,677
2004	259,948.77	10.00	10.00	25,994.88	6.50	.3500	90,982
2005	938,639.00	10.00	10.00	93,863.90	7.50	.2500	234,660
2006	512,381.36	10.00	10.00	51,238.14	8.50	.1500	76,857
2007	689,848.75	10.00	10.00	68,984.88	9.50	.0500	34,492
TOTAL	5,730,570.58			572,504.08			2,540,876

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 9.99

## ACCOUNT 394.2 TOOLS SHOP AND GARAGE EQUIPMENT - SHOP EQUIP

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.		L ACCRUAL			DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SIIRVI	VOR CURVE 20-	SOUARE					
	ALVAGE PERCENT.	~					
1988	35,499.43	20.00	5.00	1,774.97	0.50	.9750	34,612
1989	15,476.97	20.00	5.00	773.85	1.50	.9250	14,316
1990	21,589.70	20.00	5.00	1,079.49	2.50	.8750	18,891
1991	125,313.23	20.00	5.00	6,265.66	3.50	.8250	103,383
1992	53,252.56	20.00	5.00	2,662.63	4.50	.7750	41,271
1993	141,785.48	20.00	5.00	7,089.27	5.50	.7250	102,794
1994	119,402.25	20.00	5.00	5,970.11	6.50	.6750	80,597
1995	82,804.86	20.00	5.00	4,140.24	7.50	.6250	51,753
1996	1,725.14	20.00	5.00	86.26	8.50	.5750	992
1997	29,535.82	20.00	5.00	1,476.79	9.50	.5250	15,506
1998	239,856.73	20.00	5.00	11,992.84	10.50	.4750	113,932
2000	119,705.51	20.00	5.00	5,985.28	12.50	.3750	44,890
2001	62,813.80	20.00	5.00	3,140.69	13.50	.3250	20,414
2002	119,740.46	20.00	5.00	5,987.02	14.50	.2750	32,929
2003	5,257.20	20.00	5.00	262.86	15.50	.2250	1,183
2004	47,894.45	20.00	5.00	2,394.72	16.50	.1750	8,382
2005	105,924.43	20.00	5.00	5,296.22	17.50	.1250	13,241
2006	21,403.23	20.00	5.00	1,070.16	18.50	.0750	1,605
2007	24,733.43	20.00	5.00	1,236.67	19.50	.0250	618
TOTAL	1,373,714.68			68,685.73			701,309

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 5.00

## ACCOUNT 394.4 TOOLS SHOP AND GARAGE EQUIPMENT - CNG EQUIP

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	VOR CURVE 10- ALVAGE PERCENT.	~					
1994	18,122.25					1.0000	18,122
1998	183,253.47	10.00	10.00	18,325.35	0.50	.9500	174,091
2000	171,836.88	10.00	10.00	17,183.69	2.50	.7500	128,878
2001	91,917.13	10.00	10.00	9,191.71	3.50	.6500	59,746
2002	631,085.24	10.00	10.00	63,108.52	4.50	.5500	347,097
2003	65,541.30	10.00	10.00	6,554.13	5.50	.4500	29,494
2004	111,417.13	10.00	10.00	11,141.71	6.50	.3500	38,996
2005	86,637.47	10.00	10.00	8,663.75	7.50	.2500	21,659
2006	27,699.78	10.00	10.00	2,769.98	8.50	.1500	4,155
2007	181,125.49	10.00	10.00	18,112.55	9.50	.0500	9,056
TOTAL	1,568,636.14			155,051.39			831,294

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 9.88

## ACCOUNT 395 LABORATORY EQUIPMENT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
SURVIV	OR CURVE 15-	SQUARE					
NET SA	LVAGE PERCENT.	. 0					
1000	00 450 00					1 0000	00.460
1992	20,459.82					1.0000	20,460
1994	1,927.03	15.00	6.67	128.53	1.50	.9000	1,734
1996	10,079.45	15.00	6.67	672.30	3.50	.7667	7,728
1998	15,127.53	15.00	6.67	1,009.01	5.50	.6333	9,580
2002	54,069.92	15.00	6.67	3,606.46	9.50	.3667	19,827
2006	7,047.91	15.00	6.67	470.10	13.50	.1000	705
TOTAL	108,711.66			5,886.40			60,034

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 5.41

## ACCOUNT 396 POWER OPERATED EQUIPMENT

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR	ORIGINAL COST	AVG. LIFE	ANNUAL RATE	ACCRUAL AMOUNT	EXP.	-ACCRUED FACTOR	DEPREC AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OR CURVE IOW		2				
NET SA	LVAGE PERCENT.	. +25					
1964	811.52					1.0000	812
1969	24,953.78					1.0000	24,954
1972	5,452.34					1.0000	5,452
1973	985.42					1.0000	985
1974	4,140.20					1.0000	4,140
1975	13,334.25					1.0000	13,334
1977	1,393.59					1.0000	1,394
1978	2,033.89					1.0000	2,034
1979	835.16					1.0000	835
1980	57,095.49	10.00		5,709.55	0.21	.9790	55,896
1981	4,062.53	10.00		406.25	0.37	.9630	3,912
1982	141,174.35	10.00		14,117.44	0.53	.9470	133,692
1984	49,326.92	10.00		4,932.69	0.89	.9110	44,937
1985	165,339.14	10.00		16,533.91	1.07	.8930	147,648
1986	213,486.80	10.00		21,348.68	1.26	.8740	186,587
1987	260,171.73	10.00		26,017.17	1.45	.8550	222,447
1988	125,471.58	10.00		12,547.16	1.65	.8350	104,769
1989	187,339.85	10.00		18,733.99	1.86	.8140	152,495
1990	165,733.41	10.00		16,573.34	2.07	.7930	131,427
1991	223,716.15	10.00		22,371.62	2.30	.7700	172,261
1992	448,614.47	10.00		44,861.45	2.54	.7460	334,666
1993	420,602.62	10.00		42,060.26	2.78	.7220	303,675
1994	217,556.75	10.00		21,755.68 13,473.21	3.03	.6970	151,637
1995 1996	134,732.07 59,008.54	10.00		5,900.85	3.28 3.53	.6720 .6470	90,540 38,179
1997	33,401.40	10.00		3,340.14	3.77	.6230	20,809
1998	170,671.65	10.00		17,067.17	4.01	.5990	102,232
1999	127,315.66	10.00		12,731.57	4.27	.5730	72,952
2000	335,256.64	10.00		33,525.66	4.56	.5440	182,380
2001	334,800.66	10.00		33,480.07	4.93	.5070	169,744
2002	225,003.47	10.00		22,500.35	5.40	.4600	103,502
2003	158,928.57	10.00		15,892.86	6.02	.3980	63,254
2004	137,699.46	10.00		13,769.95	6.78	.3220	44,339
2005	128,906.61	10.00		12,890.66	7.62	.2380	30,680
2006	1,478,718.21	10.00		147,871.82	8.53	.1470	217,372
2007		10.00		110,866.99	9.50	.0500	55,433
- <del>-</del> -	,,		- · · · <del>-</del>	.,			,
				711,280.49			3,391,405
NET SA	LVAGE ADJUSTME	NT		177,820.12-			847,851-
TOTAL	7,166,744.75			533,460.37		:	2,543,554

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 7.44

## ACCOUNT 397.1 COMMUNICATION EQUIPMENT - MOBILE RADIO

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	OR CURVE 5-SC	~					
NET SA	LVAGE PERCENT.	. 0					
2000	5,020.27					1.0000	5,020
2001	29,700.32					1.0000	29,700
2002	133,384.41					1.0000	133,384
2003	91,989.24	5.00	20.00	18,397.85	0.50	.9000	82,790
2004	166,980.87	5.00	20.00	33,396.17	1.50	.7000	116,887
2006	777,063.82	5.00	20.00	155,412.76	3.50	.3000	233,119
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TOTAL	1,204,138.93			207,206.78			600,900

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 17.21

## ACCOUNT 397.3 COMMUNICATION EQUIPMENT - BASE STATIONS

# CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.	ANNUA	L ACCRUAL		-ACCRUE	D DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVIV	OR CURVE 10-	SQUARE					
NET SA	LVAGE PERCENT.	. 0					
1996	5,013.44					1.0000	5,013
1997	1,504,827.87					1.0000	1,504,828
1998	1,371,889.20	10.00	10.00	137,188.92	0.50	.9500	1,303,295
1999	1,397,013.37	10.00	10.00	139,701.34	1.50	.8500	1,187,461
2000	1,117,088.77	10.00	10.00	111,708.88	2.50	.7500	837,817
2001	842,555.31	10.00	10.00	84,255.53	3.50	.6500	547,661
2002	186,214.05	10.00	10.00	18,621.41	4.50	.5500	102,418
2003	413,275.23	10.00	10.00	41,327.52	5.50	.4500	185,974
2004	78,497.90	10.00	10.00	7,849.79	6.50	.3500	27,474
2005	336,959.39	10.00	10.00	33,695.94	7.50	.2500	84,240
2006	732,763.05	10.00	10.00	73,276.31	8.50	.1500	109,914
2007	377,830.79	10.00	10.00	37,783.08	9.50	.0500	18,892
TOTAL	8,363,928.37			685,408.72			5,914,987

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 8.19

## ACCOUNT 397.4 COMMUNICATION EQUIPMENT - TELEMETRY

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR (1)	ORIGINAL COST (2)	AVG. LIFE (3)	ANNUAL RATE (4)	ACCRUAL AMOUNT (5)	EXP. (6)	-ACCRUED FACTOR (7)	DEPREC AMOUNT (8)
	R CURVE 10- VAGE PERCENT.	~					
2002 2004 2005	1,126.87 22,666.24 11,085.25	10.00	10.00	112.69 2,266.62 1,108.53	4.50 6.50 7.50		620 7,933 2,771
TOTAL	34,878.36			3,487.84			11,324

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 10.00

## ACCOUNT 397.5 COMMUNICATION EQUIPMENT - OTHER

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

YEAR	ORIGINAL COST	AVG. LIFE	ANNUAL RATE	ACCRUAL AMOUNT	EXP.	-ACCRUED FACTOR	DEPREC AMOUNT	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
SURVIVOR CURVE 10-SQUARE								
NET SA	LVAGE PERCENT.	. 0						
1984	2,026.70					1.0000	2,027	
1997	7,629.99					1.0000	7,630	
1998	169,806.19	10.00	10.00	16,980.62	0.50	.9500	161,316	
2001	271,923.33	10.00	10.00	27,192.33	3.50	.6500	176,750	
2002	312,450.90	10.00	10.00	31,245.09	4.50	.5500	171,848	
2003	23,961.45	10.00	10.00	2,396.15	5.50	.4500	10,783	
2004	141,241.98	10.00	10.00	14,124.20	6.50	.3500	49,435	
2006	14,953.03	10.00	10.00	1,495.30	8.50	.1500	2,243	
2007	130,457.91	10.00	10.00	13,045.79	9.50	.0500	6,523	
TOTAL	1,074,451.48			106,479.48			588,555	

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 9.91

## ACCOUNT 398 MISCELLANEOUS EQUIPMENT

## CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ORIGINAL COST AT DECEMBER 31, 2007

	ORIGINAL	AVG.	ANNUAL	ACCRUAL		-ACCRUED	DEPREC
YEAR	COST	LIFE	RATE	AMOUNT	EXP.	FACTOR	AMOUNT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SURVIV	OR CURVE 15-	SQUARE					
NET SA	ALVAGE PERCENT.	. 0					
1991	7,163.44					1.0000	7,163
1992	20,919.67					1.0000	20,920
1993	10,012.70	15.00	6.67	667.85	0.50	.9667	9,679
1994	139,683.89	15.00	6.67	9,316.92	1.50	.9000	125,716
1995	4,425.60	15.00	6.67	295.19	2.50	.8333	3,688
1996	34,962.62	15.00	6.67	2,332.01	3.50	.7667	26,806
1997	624.60	15.00	6.67	41.66	4.50	.7000	437
1998	50,182.95	15.00	6.67	3,347.20	5.50	.6333	31,781
1999	53,679.95	15.00	6.67	3,580.45	6.50	.5667	30,420
2000	16,027.68	15.00	6.67	1,069.05	7.50	.5000	8,014
2001	39,316.86	15.00	6.67	2,622.43	8.50	.4333	17,036
2002	49,113.08	15.00	6.67	3,275.84	9.50	.3667	18,010
2003	22,312.59	15.00	6.67	1,488.25	10.50	.3000	6,694
2004	2,463.31	15.00	6.67	164.30	11.50	.2333	575
2005	1,742.91	15.00	6.67	116.25	12.50	.1667	291
2007	22,856.46	15.00	6.67	1,524.53	14.50	.0333	761
TOTAL	475,488.31			29,841.93			307,991

COMPOSITE ANNUAL ACCRUAL RATE, PERCENT.. 6.28