

Questar Gas Company

Snavely King Life Study

Distribution, and General Plant Summary

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Description of Analysis Method

The SK actuarial model relies on the vintage date, activity date and the dollar value of plant transactions (i.e., additions, retirements, transfers, sales, and adjustments, etc.). The SPR model relies on the annual addition and retirement activity of the plant transactions. The information is determined from the data submitted in the Questar Gas Company Study Data (Response to DPU Data Request 1.1 -1.61) and the 2004 Depreciation Study and from its supporting documents.

Snavely King uses the SPR model in this analysis based on the quality of data available.

Actuarial Analysis Program

The retirement rate method of actuarial analysis is a means to evaluate past experience for the purpose of determining life indications. It relies upon a compilation of plant mortality data arranged so that the plant dollars (or units) and retired dollars (or units) can be identified by ages. The plant dollars exposed at the start of each age year are termed exposures, the plant dollars at the end of that age year are the survivors, and the difference between the two is the plant dollars retired, or the retirements. These data are used to construct an observed life table (OLT) which is smoothed and extended by comparison to Iowa curves.

Iowa curves are standard curves empirically developed to describe the life characteristics of most industrial and utility property. They are used throughout the utility industry as well as other applications where life characteristics are sought.

There are 31 Iowa curves classified into L, R, S or O families, depending upon whether the highest point (mode) of the retirement frequency was left of , right of, or symmetrical to the curves average life. The mode of the O curves is at the origins. These curves are combined with varying average life assumptions and statistically compared to the OLT to obtain a "best fit" life for each curve, and then these results are ranked to obtain the best of the best fits.

Chapter VIII of the 1996 edition of the NARUC Public Utility Depreciation Practices manual provides an example of a retirement rate actuarial analysis stating with raw data and continuing through the best fit curve result. The NARUC example used aged mortality data as described above. Snavely King's retirement rate actuarial program was tailored upon the NARUC example. Snavely King's approach and program replicates the model contained in NARUC's 1996 Public Utility Depreciation Practices manual.

The actuarial program requires the analyst to determine the average service life upper and lower limits for the accounts being studied. Industry statistics were taken from the source: AGA/EEI "A Survey of Depreciation Statistics," 1998-1999

Simulated Plant Record Analysis

The Simulated Plant Record (SPR) model requires determining the surviving balances for

each vintage of plant equipment. This data was retrieved from studies and data submitted by the Company.

The SPR data was calculated by determining the plant balance, or survivors, from vintage additions and non-vintage retirements. This plant balance was used with each Iowa curve to simulate retirements and corresponding aged balances. The properties of the simulated balances for each curve were ranked according to their ability to simulate the survivors for the account over the period selected. The algorithm for this method is as follows:

The annual additions and retirements determine the plant balances that are compared against the theoretical balances calculated from the 31 Iowa curves. Each curve is rated and ranked according to how close it matches the actual plant balance. The lower the conformance index, the better the match between the theoretical and actual balance.

The SPR programs requires the analyst to determine the average service life upper and lower limits for the accounts being studied. Industry statistics were taken from the source: AGA/EEI "A Survey of Depreciation Statistics," 1998-1999

Computed Mortality Simulation Model

The Computed Mortality (CM) model age annual retirements (or balances) using retirement (or survival) ratios from a generalized curve (e.g. Iowa Curve). The aging process is performed on each year's activity in order to build an account of simulated aged data. The simulated age data may then be analyzed using actuarial methods (* see 1996 NARUC Manual page 103).

It's benefits is derived from its ability allow life characteristics to vary by experience year and by vintage. It's limitation is that it does not provide an indication of curve shape. It is suspected that specifying the curve shape may be tantamount to predetermining the results. (* see 1996 NARUC Manual page 109).

Results

The actuarial model results provide a historical plant service life and curve that most closely represents the average of plant survivors for each account. The first step of the model provides the Observed Life Table or OLT. This shows exposures, retirements, retirement ratio, survival ratio and cumulative survivors. This OLT is a summary of historical plant mortality that shows experience bands of the plant data considered in the study. The cumulative survivor data may be truncated for aged data when the aged data shows discontinuity of small values as compared to the more recent plant activity. These cumulative survivors are fitted against the 31 Iowa curves to determine the best curve and life of the plant data. The curve results, cumulative survivors, Company proposed and Company current are plotted to provide a visual reference of the fitted curves.

The results of the SPR provide a statistical matching of actual plant balances to the balances of the best fitted life and curves. The life and curves are ranked from best to worse.

All results are analyzed and compared with the results submitted by the Company . If the result of the Company is in question (due to various factors including data responses, company study, actuarial data, industry statistics and related information), then Generation Arrangement calculations are performed to determine the average remaining life. The remaining life calculation for the Company uses the BG/VG (broad group/vintage group) methodology.

The average remaining life is then used as a factor in calculating the depreciation rate for the account.

**Questar Gas Company
SK Analysis of Proposed Lives and Survivor Curves
Distribution, and General Plant Summary 4/**

Account	Original Plant Cost 12/31/04 1/	Company Current		Company Proposed		SK Modeling Data Best Fit				SK Selection		ARL	Notes
		Life	Curve	Life	Curve	Life	Curve	5/ GMT	4/	6/	7/		
<u>DEPRECIABLE PLANT</u>													
374	Land Rights	796,985	33	75 - R3		24 - R1.5		65.3			75 - R3	62.9	high transfers/adjustments
<i>Account 375 - Structures and Improvements</i>													
375.0001	Structures and Improvements - SL Annex	5,724,183	33	120 - R1							120 - R1	27.3	120 is very high for these structure
375.0002	Structures and Improvements - SL OPS Office	11,487,531	33	120 - R1							120 - R1	45.1	accounts based on Industry 'Major
375.0003	Structures and Improvements - Springville	1,457,895	33	120 - R1							120 - R1	16.1	Structures & Improvements' and
375.0004	Structures and Improvements - Bluffdale	746,621	33	120 - R1							120 - R1	42.7	Company Data. Lack of data for
375.0005	Structures and Improvements - Ogden	4,267,848	33	120 - R1							120 - R1	40.9	individual locations.
375.0006	Structures and Improvements - Logan	1,046,574	33	120 - R1							120 - R1	42.7	
375.0009	Structures and Improvements - All Other	27,213,541	33	40 - R1							40 - R1	30.4	
	<i>Subtotal Account 375</i>	51,944,194				24 - L0.5	A	30.7					low retirements / all 375
376	Mains	518,368,514	33	62 - R2.5		60 - R4	A	87.9	*		60 - R2	48.3	technological advances
377	Compressor Station Equipment	4,004,327	33	33 - R4		32 - R2	A	40.2			33 - R4	20.6	
378	Measuring and Regulating Station Equipment	24,137,813	33	34 - S0		41 - L0	A	29.8			34 - S0	27.5	
380	Services	258,828,010	33	47 - R2		63 - R3	A	83.0	*		52 - R2	40.3	
381.01	Meters	50,322,843	33	28 - S2.5		36 - R0.5	A		*		36 - R0.5	28.7	
381.11	Meters - Telemetry Equipment	135,117	33	10 - S2		47 - S1	A				10 - S2	2.3	very small account
381.21	Meters - Transponders	43,317,062	15	12 - S2					*		15 - S2	12.4	no reason to change existing
	<i>Subtotal Account 381</i>	93,775,022											
382	Meter Installations	74,509,361	33	41 - R2.5		41 - L5	A	38.4			41 - R2.5	32.6	
383	House Regulators	12,068,731	33	28 - S2.5		29 - R1	A	33.1			28 - S2.5	15.30	
384	House Regulator Installations	2,377,368	33	45 - R1.5		53 - R1	A				45 - R1.5	33.50	
387	Other Equipment	2,572,034	20	15 - R2		20 - S0	S	40.4			15 - R2	9.2	
		1,043,382,358											
390.01	Structures and Improvements	6,235,275	33	40 - R1							40 - R1	29.8	
390.41	Structures and Improvements - CNG Equipment	1,250,318		15 - L3							15 - L3	6.1	
	<i>Subtotal Account 390</i>	7,485,592				77 - L2	S						

Questar Gas Company
SK Analysis of Proposed Lives and Survivor Curves
Distribution, and General Plant Summary 4/

Account	Original Plant Cost 12/31/04 1/	Company Current		Company Proposed		SK Modeling Data Best Fit				SK Selection		ARL	Notes
		Life	Curve	Life	Curve	Life	Curve	GMT	Life	Curve	Life		
		2/	3/	4/	4/	5/	4/		6/	7/			
<u>DEPRECIABLE PLANT</u>													
391.01	Office Furniture & Equipment - Furniture	4,759,516	10	20 - SQ					20 - SQ		12.2		
391.02	Office Furniture & Equipment - Equipment	5,853,014	7	7 - - SQ					7 - - SQ		3.2		
391.03	Office Furniture & Equipment - Computer Hardware	5,573,733	5	4 - - SQ					4 - - SQ		2.6		
391.04	Office Furniture & Equipment - Computer Software	61,378,276	5	10 - SQ					10 - SQ		6.3		
	<i>Subtotal Account 391</i>	77,564,539				11 - R2	S	11.0					
392.01	Transportation Equipment - General	24,958,355	72	10 - L2.5					10 - L2.5		5.3		
392.02	Transportation Equipment - CNG Tanks	2,015,575	10	10 - L2.5					10 - L2.5		4		
	<i>Subtotal Account 392</i>	26,973,930				15 - O3	S	10.9					
393	Stores Equipment	636,972	33	20 - SQ		24 - L4	S	1017.0	20 - SQ		12.1		
394.1	Tools Shop and Garage Equipment - Small Tools	8,160,855	10	10 - SQ					10 - SQ		5.2		
394.2	Tools Shop and Garage Equipment - Shop Equip	2,536,979	20	20 - SQ					20 - SQ		10.1		
394.4	Tools Shop and Garage Equipment - CNG Equip	9,583,245	10	10 - SQ					10 - SQ		3.4		
	<i>Subtotal Account 394</i>	20,281,079				16 - R5	S	34.5					
395	Laboratory Equipment	524,643	10	15 - SQ					15 - SQ		8.8		
396	Power Operated Equipment	6,915,703	72	10 - L3					10 - L3		5.1		
397.1	Communication Equipment - Mobile Radio	2,806,398	10	5 - - SQ					5 - - SQ		1.9		
397.3	Communication Equipment - Base Stations	15,991,404	10	10 - SQ					10 - SQ		3.8		
397.4	Communication Equipment - Telemetry	839,376	10	10 - SQ					10 - SQ		4.7		
397.5	Communication Equipment - Other	52,064	10	10 - SQ					10 - SQ		5		
	<i>Subtotal Account 397</i>	19,689,242				27 - O3	S	10.6					
398	Miscellaneous Equipment	406,140		15 - SQ		40 - O1	S	68.3	15 - SQ		5.7		
		160,477,841											
		1,203,860,199											

1/ Questar 2004 depreciation Study Table B

2/ 05-057-T01 QGCs Response to DPU Data Request 1.1 - Attachment - Depreciation Rates.xls

3/ Questar 2004 depreciation Study Table A

4/ SK Modeling - Based on Company depreciation data - Actuarial, SPR, GMT and Generation arrangements

5/ Actuarial (A) - SPR (S) - See Company notes on its FIFO rules. When used, this may shorten the curve (E.G. S4 vs. S2)

6/ SK Analysis - Based on observations of Company depreciation data, Company depreciation studies, Company responses to questions/data requests, and Snavelly King analyses

7/ Broad Group/Vintage Group (BG/VG) calculations based on SK selection and Company Rates where not changed

* Proposed Change

SPR Results
Questar Gas Company
Account: 374 - Rights of Way

Curve	Life	Sum of Squared Differences	Index of Variation
BAND: 1990 - 2004			
R1.5	19	5.74E+11	39
L0.5	25	6.43E+11	42
S0	22	6.54E+11	42
R2	18	6.54E+11	42
R1	21	6.64E+11	42
S0.5	20	6.83E+11	43
L1	23	7.11E+11	44
L0	28	7.27E+11	44
S-0.5	24	7.33E+11	45
L1.5	21	8.30E+11	47
R0.5	24	8.42E+11	48
S1	19	9.06E+11	49
R2.5	17	9.32E+11	50
O2	32	9.73E+11	51
O1	29	9.73E+11	51
O3	47	1.02E+12	53
O4	64	1.04E+12	53
S1.5	18	1.18E+12	57
L2	20	1.25E+12	58
R3	17	1.46E+12	63
S2	18	1.71E+12	68
L3	18	2.21E+12	77
S3	17	2.76E+12	86
R4	16	2.91E+12	89
L4	17	3.52E+12	98
S4	16	4.71E+12	113
R5	16	5.40E+12	121
L5	17	5.77E+12	125
S5	16	6.67E+12	134
S6	16	9.47E+12	160
SQ	17	1.65E+13	211

Minimum Equipment Life Expectancy: 1
Maximum Equipment Life Expectancy: 100
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

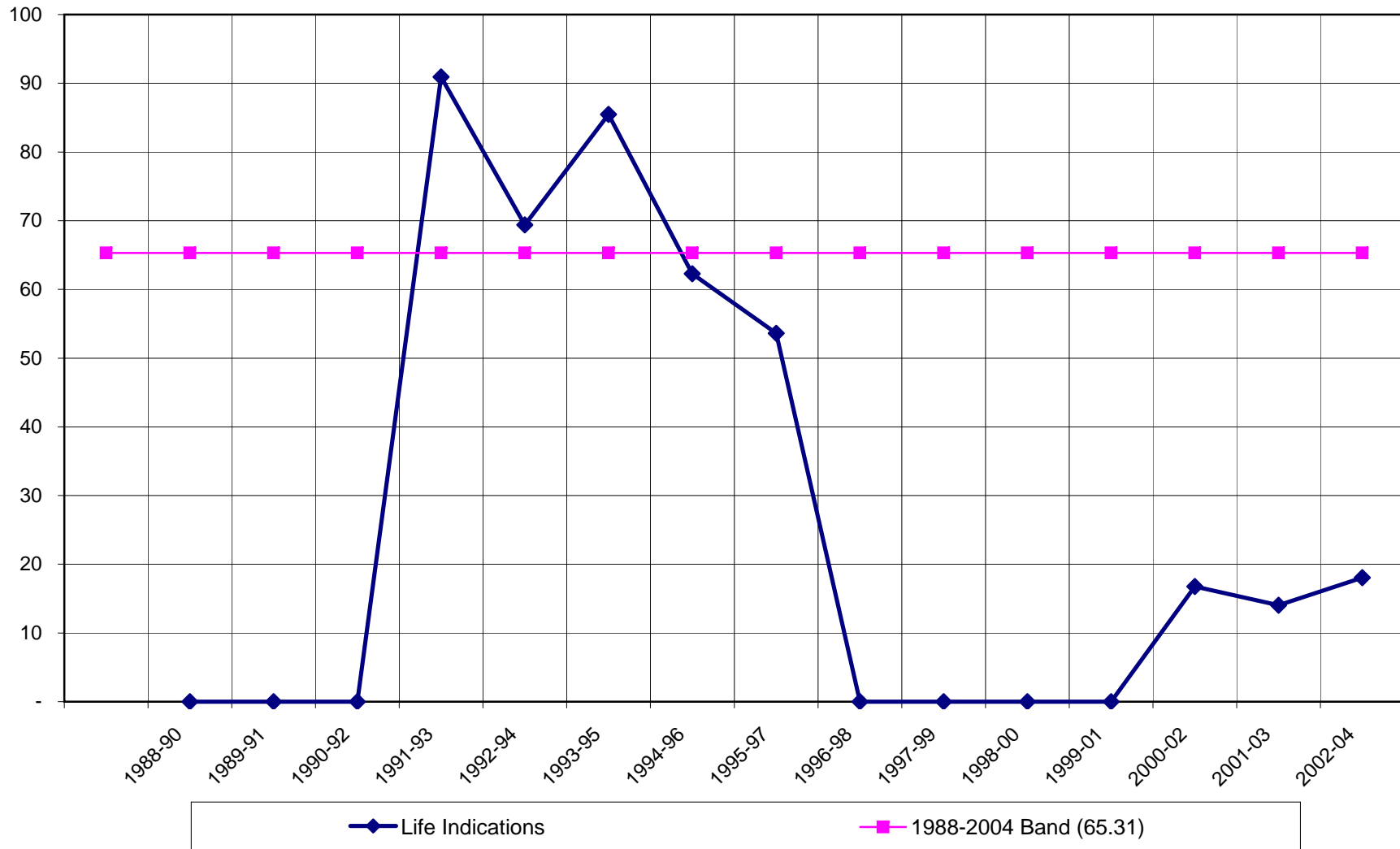
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 374 - Rights of Way

Year								3 Year Band						Geometric
	<u>BOY Plant Balance</u> a	<u>Avg. Plant Balance</u> b=(a+(a+1))/2	<u>Single Year Additions</u> c	<u>Single Year Retirements</u> d	<u>Addition Ratio</u> e = c/b	<u>Retirement Ratio</u> f = d/b	<u>Geometric Mean Life Estimate</u> g = 1/sqrt(e*f)	<u>3 Year Band</u> h	<u>Avg. Plant Balance</u> i	<u>Additions</u> j	<u>Retirements</u> k	<u>Addition Ratio</u> l = j/i	<u>Retirement Ratio</u> m = k/i	<u>Geometric Mean Life Estimate</u> = 1/sqrt(l*m)
1988	5,262,692	5,262,692	-	-	-	-	-							
1989	5,262,692	5,177,128	(174,038)	(2,909)	(0.03362)	(0.00056)	230.09							
1990	5,091,563	5,053,032	(73,462)	3,601	(0.01454)	0.00071	-	1988-90	15,492,851	(247,500)	692	(0.01598)	0.00004	-
1991	5,014,500	4,846,007	(333,199)	3,788	(0.06876)	0.00078	-	1989-91	15,076,166	(580,699)	4,480	(0.03852)	0.00030	-
1992	4,677,513	4,835,537	320,839	4,791	0.06635	0.00099	123.34	1990-92	14,734,575	(85,822)	12,180	(0.00582)	0.00083	-
1993	4,993,561	5,319,574	683,969	31,944	0.12858	0.00600	35.99	1991-93	15,001,117	671,609	40,523	0.04477	0.00270	90.93
1994	5,645,586	5,637,596	(1,104)	14,876	(0.00020)	0.00264	-	1992-94	15,792,707	1,003,704	51,611	0.06355	0.00327	69.39
1995	5,629,606	5,678,497	99,394	1,613	0.01750	0.00028	448.47	1993-95	16,635,666	782,259	48,433	0.04702	0.00291	85.47
1996	5,727,387	5,449,975	23,573	578,398	0.00433	0.10613	46.67	1994-96	16,766,067	121,863	594,887	0.00727	0.03548	62.27
1997	5,172,562	5,190,915	36,706	-	0.00707	-	-	1995-97	16,319,386	159,673	580,011	0.00978	0.03554	53.63
1998	5,209,268	4,885,366	(647,804)	-	(0.13260)	-	-	1996-98	15,526,256	(587,525)	578,398	(0.03784)	0.03725	-
1999	4,561,464	4,566,100	9,272	-	0.00203	-	-	1997-99	14,642,381	(601,826)	-	(0.04110)	-	-
2000	4,570,736	4,575,125	8,777	-	0.00192	-	-	1998-00	14,026,591	(629,755)	-	(0.04490)	-	-
2001	4,579,513	4,827,606	496,186	-	0.10278	-	-	1999-01	13,968,831	514,235	-	0.03681	-	-
2002	5,075,699	4,711,386	231,880	960,507	0.04922	0.20387	9.98	2000-02	14,114,116	736,843	960,507	0.05221	0.06805	16.78
2003	4,347,072	4,499,962	309,639	3,859	0.06881	0.00086	130.18	2001-03	14,038,954	1,037,705	964,366	0.07392	0.06869	14.03
2004	4,652,852	4,658,349	48,033	37,040	0.01031	0.00795	110.44	2002-04	13,869,696	589,552	1,001,406	0.04251	0.07220	18.05
1988-2004	85,474,266	85,174,843	1,038,661	1,637,508	0.01219	0.01923	65.31							

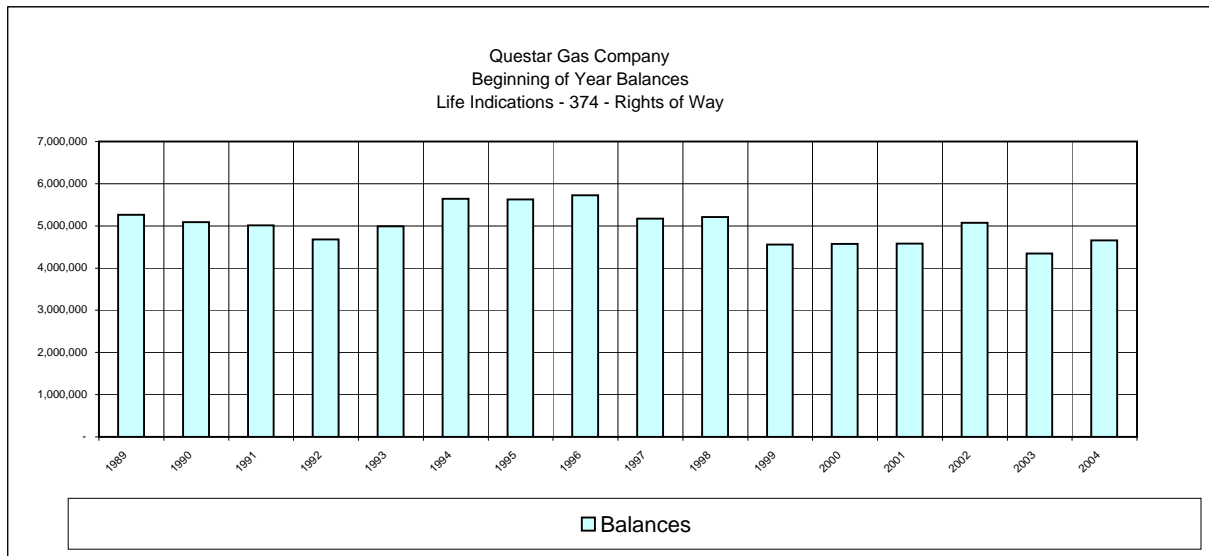
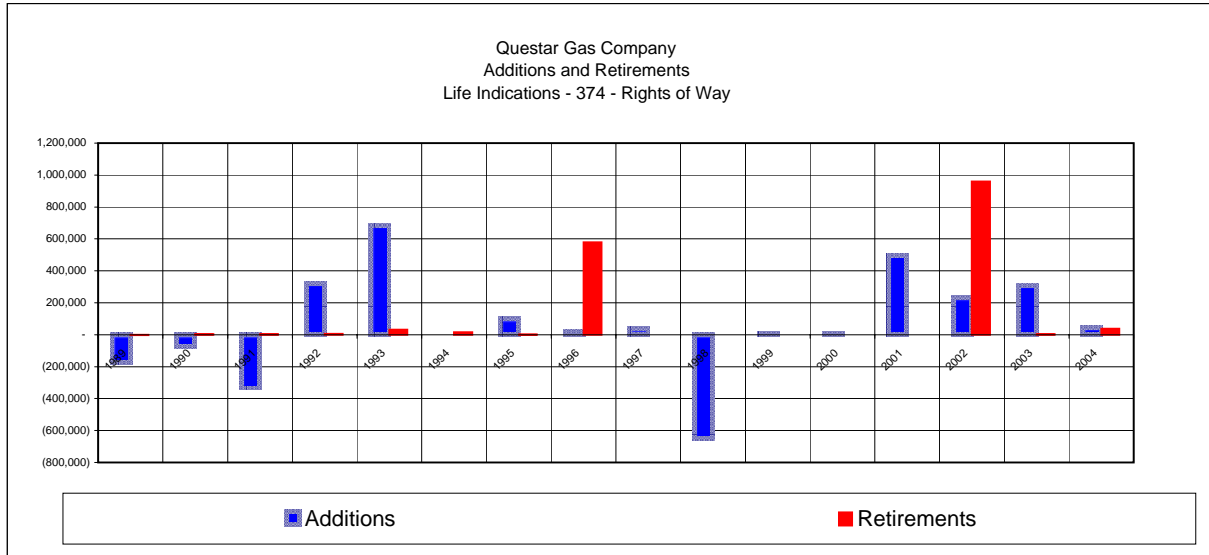
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 374 - Rights of Way



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 374 - Rights of Way



Observed Life Table Results
-Questar Gas Company-
Account: 375 - Structures and Improvements

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1930 - 2003			
0	44,165,966	0	0.0000	100.0000	1.0000
0.5	45,522,822	13,269	0.0291	99.9709	1.0000
1.5	44,645,800	71,155	0.1594	99.8406	0.9997
2.5	50,566,273	121,650	0.2406	99.7594	0.9981
3.5	48,359,036	570,341	1.1794	98.8206	0.9957
4.5	48,290,123	269,514	0.5581	99.4419	0.9840
5.5	45,670,477	199,399	0.4366	99.5634	0.9785
6.5	45,497,911	158,070	0.3474	99.6526	0.9742
7.5	40,836,327	149,341	0.3657	99.6343	0.9708
8.5	37,191,668	215,654	0.5798	99.4202	0.9673
9.5	21,411,863	646,420	3.0190	96.9810	0.9617
10.5	19,248,715	1,551,993	8.0628	91.9372	0.9326
11.5	16,954,278	171,536	1.0118	98.9882	0.8574
12.5	14,464,429	2,615,172	18.0800	81.9200	0.8488
13.5	14,870,948	641,194	4.3117	95.6883	0.6953
14.5	14,656,647	287,591	1.9622	98.0378	0.6653
15.5	13,632,973	455,943	3.3444	96.6556	0.6523
16.5	12,546,512	853,285	6.8010	93.1990	0.6305
17.5	9,937,479	47,949	0.4825	99.5175	0.5876
18.5	9,952,044	239,924	2.4108	97.5892	0.5847
19.5	9,821,741	401,355	4.0864	95.9136	0.5706
20.5	9,501,890	3,788,318	39.8691	60.1309	0.5473
21.5	5,889,193	28,366	0.4817	99.5183	0.3291
22.5	5,805,873	14,828	0.2554	99.7446	0.3275
23.5	6,176,418	24,435	0.3956	99.6044	0.3267
24.5	6,325,963	80,502	1.2726	98.7274	0.3254
25.5	6,348,243	63,778	1.0047	98.9953	0.3213
26.5	6,334,495	56,732	0.8956	99.1044	0.3180
27.5	6,330,566	37,485	0.5921	99.4079	0.3152
28.5	2,947,094	66,476	2.2556	97.7444	0.3133
29.5	2,726,177	10,725	0.3934	99.6066	0.3062
30.5	2,673,052	3,285	0.1229	99.8771	0.3050
31.5	2,691,937	9,797	0.3639	99.6361	0.3047
32.5	1,896,840	16,123	0.8500	99.1500	0.3036
33.5	1,800,293	117,968	6.5527	93.4473	0.3010
34.5	1,714,791	151,117	8.8126	91.1874	0.2813
35.5	1,609,231	34,440	2.1402	97.8598	0.2565
36.5	1,503,346	367,170	24.4235	75.5765	0.2510
37.5	983,349	33,176	3.3738	96.6262	0.1897
38.5	920,405	26,124	2.8383	97.1617	0.1833
39.5	754,688	11,636	1.5418	98.4582	0.1781
40.5	688,455	9,256	1.3445	98.6555	0.1753
41.5	701,747	2,019	0.2877	99.7123	0.1730
42.5	612,996	4,624	0.7543	99.2457	0.1725
43.5	604,588	2,994	0.4952	99.5048	0.1712
44.5	606,194	1,992	0.3286	99.6714	0.1703

Observed Life Table Results
-Questar Gas Company-
Account: 375 - Structures and Improvements

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	594,939	511	0.0859	99.9141	0.1698
46.5	554,542	20,528	3.7018	96.2982	0.1696
47.5	502,815	300,798	59.8228	40.1772	0.1633
48.5	189,809	1,354	0.7133	99.2867	0.0656
49.5	171,542	12,604	7.3475	92.6525	0.0652
50.5	101,276	322	0.3179	99.6821	0.0604
51.5	90,811	0	0.0000	100.0000	0.0602
52.5	76,610	151	0.1971	99.8029	0.0602
53.5	63,655	10,764	16.9099	83.0901	0.0601
54.5	34,823	1,781	5.1144	94.8856	0.0499
55.5	40,729	0	0.0000	100.0000	0.0474
56.5	38,848	4,438	11.4240	88.5760	0.0474
57.5	29,412	703	2.3902	97.6098	0.0419
58.5	76,971	2,922	3.7962	96.2038	0.0409
59.5	68,920	4,665	6.7687	93.2313	0.0394
60.5	64,844	2,061	3.1784	96.8216	0.0367
61.5	61,040	5,233	8.5731	91.4269	0.0356
62.5	54,269	1,760	3.2431	96.7569	0.0325
63.5	52,509	0	0.0000	100.0000	0.0315
64.5	53,124	1,675	3.1530	96.8470	0.0315
65.5	50,199	0	0.0000	100.0000	0.0305
66.5	49,912	0	0.0000	100.0000	0.0305
67.5	49,912	0	0.0000	100.0000	0.0305
68.5	49,912	0	0.0000	100.0000	0.0305
69.5	49,912	0	0.0000	100.0000	0.0305
70.5	41,821	147	0.3515	99.6485	0.0305
71.5	41,424	475	1.1467	98.8533	0.0304
72.5	40,844	18,041	44.1705	55.8295	0.0300

Observed Life Table Results
-Questar Gas Company-
Account: 375 - Structures and Improvements

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	39,306,665	0	0.0000	100.0000	1.0000
0.5	44,329,139	13,269	0.0299	99.9701	1.0000
1.5	43,708,250	71,155	0.1628	99.8372	0.9997
2.5	42,711,963	121,650	0.2848	99.7152	0.9981
3.5	47,993,916	570,341	1.1884	98.8116	0.9952
4.5	47,838,580	269,514	0.5634	99.4366	0.9834
5.5	42,990,649	199,399	0.4638	99.5362	0.9779
6.5	45,329,483	158,070	0.3487	99.6513	0.9733
7.5	40,463,427	149,341	0.3691	99.6309	0.9699
8.5	37,173,516	215,654	0.5801	99.4199	0.9664
9.5	20,276,833	646,420	3.1880	96.8120	0.9607
10.5	19,103,714	1,551,993	8.1240	91.8760	0.9301
11.5	15,363,029	171,536	1.1166	98.8834	0.8546
12.5	14,382,928	2,615,172	18.1825	81.8175	0.8450
13.5	10,053,692	641,194	6.3777	93.6223	0.6914
14.5	14,464,223	287,591	1.9883	98.0117	0.6473
15.5	13,574,230	455,943	3.3589	96.6411	0.6344
16.5	12,508,162	853,285	6.8218	93.1782	0.6131
17.5	9,118,409	47,949	0.5258	99.4742	0.5713
18.5	9,798,483	239,924	2.4486	97.5514	0.5683
19.5	9,496,257	401,355	4.2265	95.7735	0.5544
20.5	9,333,891	3,788,318	40.5867	59.4133	0.5309
21.5	5,624,305	28,366	0.5043	99.4957	0.3154
22.5	5,598,083	14,828	0.2649	99.7351	0.3138
23.5	5,784,705	24,435	0.4224	99.5776	0.3130
24.5	6,099,518	80,502	1.3198	98.6802	0.3117
25.5	6,227,967	63,778	1.0241	98.9759	0.3076
26.5	6,200,695	56,732	0.9149	99.0851	0.3044
27.5	6,269,225	37,485	0.5979	99.4021	0.3016
28.5	2,936,190	66,476	2.2640	97.7360	0.2998
29.5	2,719,158	10,725	0.3944	99.6056	0.2931
30.5	2,654,297	3,285	0.1238	99.8762	0.2919
31.5	2,652,860	9,797	0.3693	99.6307	0.2915
32.5	1,866,984	16,123	0.8636	99.1364	0.2905
33.5	1,743,462	117,968	6.7663	93.2337	0.2880
34.5	1,375,944	151,117	10.9828	89.0172	0.2685
35.5	1,545,498	34,440	2.2284	97.7716	0.2390
36.5	1,478,294	367,170	24.8374	75.1626	0.2337
37.5	964,340	33,176	3.4403	96.5597	0.1756
38.5	906,128	26,124	2.8830	97.1170	0.1696
39.5	736,112	11,636	1.5807	98.4193	0.1647
40.5	655,991	9,256	1.4110	98.5890	0.1621
41.5	692,618	2,019	0.2915	99.7085	0.1598
42.5	609,312	4,624	0.7589	99.2411	0.1593
43.5	604,439	2,994	0.4953	99.5047	0.1581
44.5	600,143	1,992	0.3319	99.6681	0.1573

Observed Life Table Results
-Questar Gas Company-
Account: 375 - Structures and Improvements

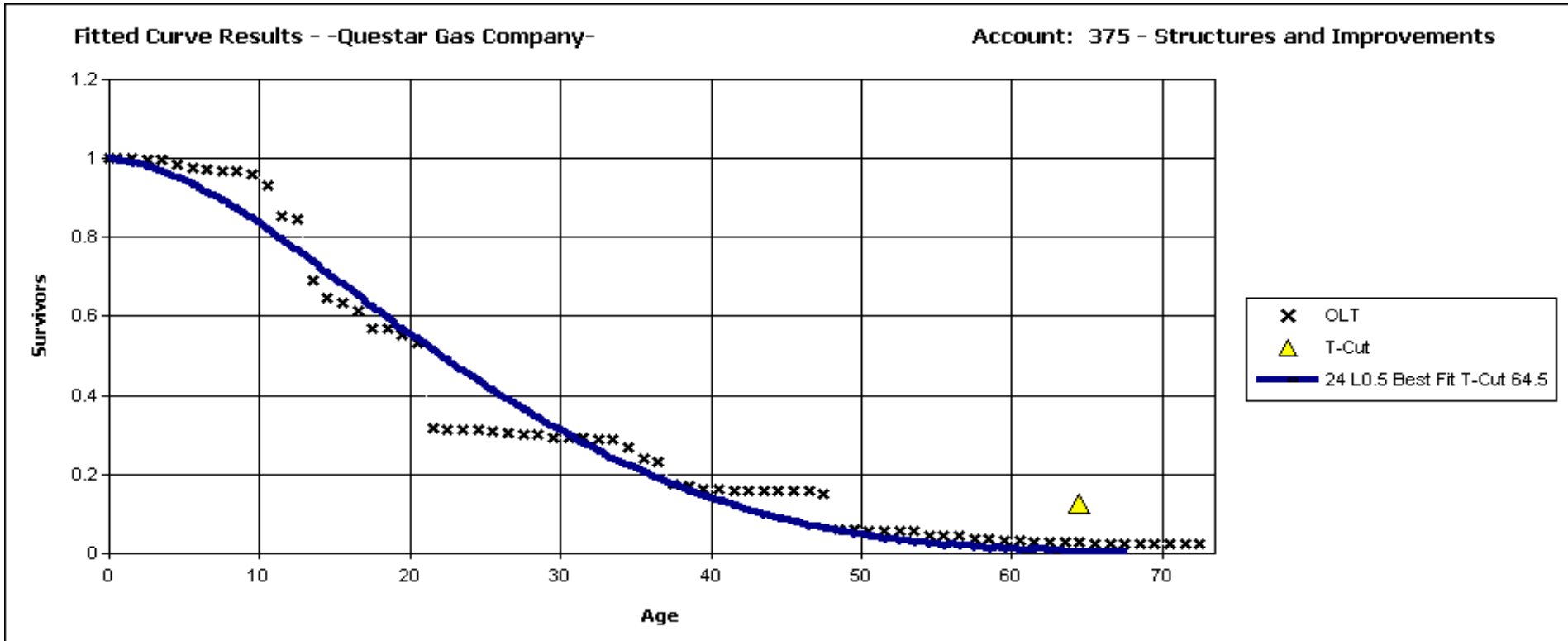
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	594,939	511	0.0859	99.9141	0.1568
46.5	554,301	20,528	3.7034	96.2966	0.1567
47.5	501,277	300,798	60.0063	39.9937	0.1509
48.5	189,809	1,354	0.7133	99.2867	0.0603
49.5	171,542	12,604	7.3475	92.6525	0.0599
50.5	100,641	322	0.3199	99.6801	0.0555
51.5	90,524	0	0.0000	100.0000	0.0553
52.5	76,610	151	0.1971	99.8029	0.0553
53.5	63,655	10,764	16.9099	83.0901	0.0552
54.5	34,823	1,781	5.1144	94.8856	0.0459
55.5	16,832	0	0.0000	100.0000	0.0435
56.5	37,303	4,438	11.8972	88.1028	0.0435
57.5	29,148	703	2.4118	97.5882	0.0384
58.5	28,475	2,922	10.2616	89.7384	0.0374
59.5	68,920	4,665	6.7687	93.2313	0.0336
60.5	64,844	2,061	3.1784	96.8216	0.0313
61.5	61,040	5,233	8.5731	91.4269	0.0303
62.5	54,269	1,760	3.2431	96.7569	0.0277
63.5	52,509	0	0.0000	100.0000	0.0268
64.5	53,124	1,675	3.1530	96.8470	0.0268
65.5	50,199	0	0.0000	100.0000	0.0260
66.5	49,912	0	0.0000	100.0000	0.0260
67.5	49,912	0	0.0000	100.0000	0.0260
68.5	49,912	0	0.0000	100.0000	0.0260
69.5	49,912	0	0.0000	100.0000	0.0260
70.5	41,821	147	0.3515	99.6485	0.0260
71.5	41,424	475	1.1467	98.8533	0.0259
72.5	40,844	18,041	44.1705	55.8295	0.0256

Best Fit Curve Results
-Questar Gas Company-
Account: 375 - Structures and Improvements

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
L0.5	24.0	2,574.411
L0	24.0	2,687.278
L1	23.0	2,872.431
O2	24.0	3,270.954
L1.5	23.0	3,413.423
L2	23.0	4,421.406
S-0.5	23.0	4,687.288
O1	23.0	5,050.596
S0	23.0	5,057.662
R0.5	23.0	5,322.787
S0.5	23.0	5,776.313
O3	26.0	6,231.044
R1	22.0	6,521.425
S1	22.0	6,906.872
R1.5	22.0	7,554.599
L3	22.0	8,073.420
S1.5	22.0	8,162.045
R2	22.0	9,174.784
S2	22.0	9,786.708
O4	32.0	9,831.643
R2.5	21.0	10,670.068
R3	21.0	12,576.379
S3	21.0	12,935.708
L4	21.0	13,425.787
R4	20.0	15,703.709
S4	20.0	16,921.209
L5	20.0	17,757.734
R5	20.0	19,547.197
S5	20.0	20,578.673
S6	20.0	23,741.479
SQ	21.0	30,345.398

Analytical Parameters

OLT Placement Band: 1930 - 2003
OLT Experience Band 1990 - 2003
Minimum Life Paramet 1
Maximum Life Parame 100
Life Increment Parame 1
Max Age (T-Cut): 64.5



OLT Placement Band: 1930 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 1
 Maximum Life Parameter: 100
 Life Increment Parameter: 1
 Max Age (T-Cut): 64.5

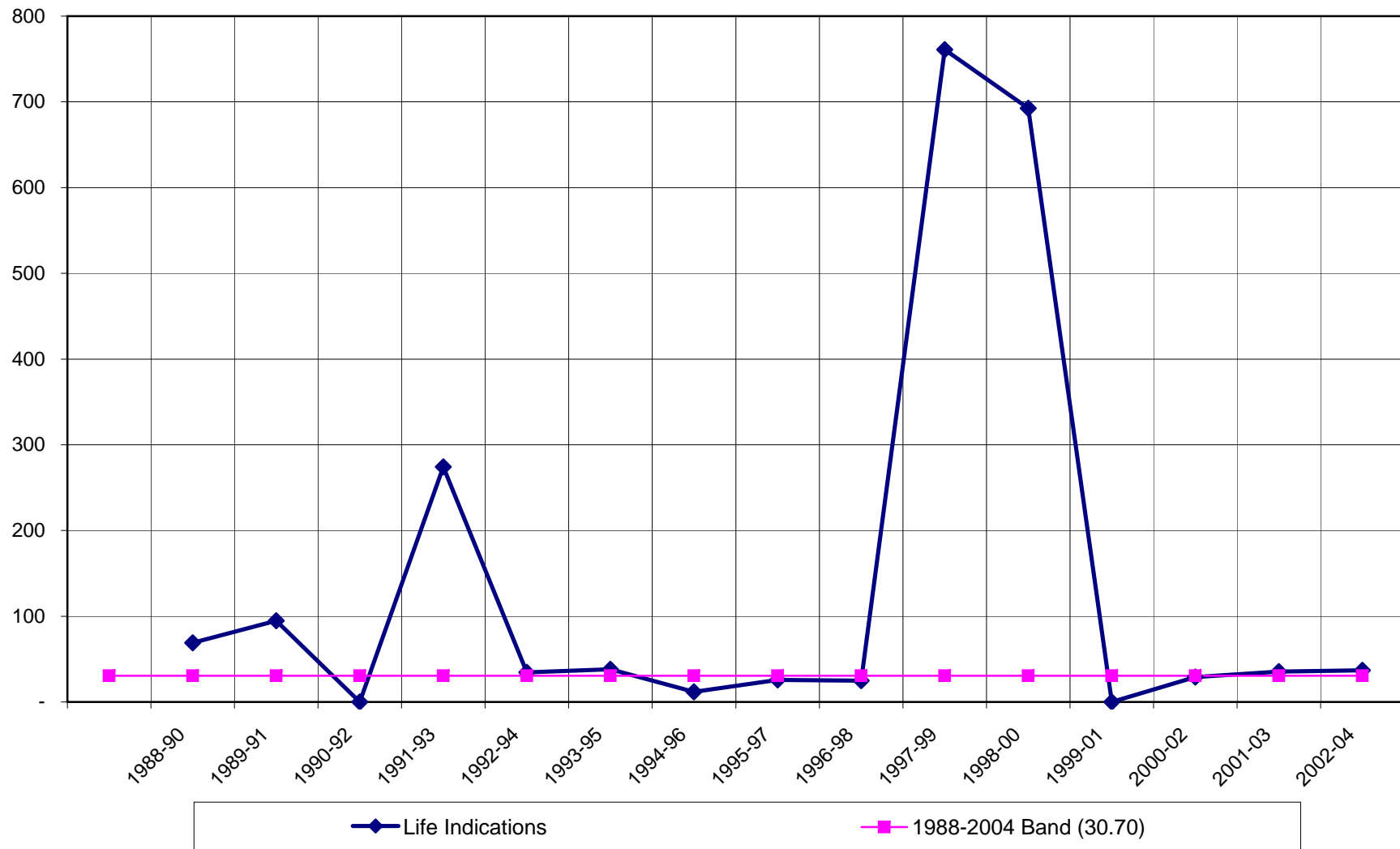
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 375 - Structures and Improvements

Year	BOY Plant <u>Balance</u> a	Avg. Plant <u>Balance</u> b=(a+(a+1))/2	Single Year <u>Additions</u> c	Single Year <u>Retirements</u> d	Addition <u>Ratio</u> e = c/b	Retirement <u>Ratio</u> f = d/b	Geometric Mean <u>Life Estimate</u> g = 1/sqrt(e*f)	3 Year Band			Addition <u>Ratio</u> l = j/i	Retirement <u>Ratio</u> m = k/i	Geometric Mean <u>Life Estimati</u> = 1/sqrt(l*m)	
								3 Year <u>Band</u> h	Avg. Plant <u>Balance</u> i	<u>Additions</u> j				<u>Retirements</u> k
1988	25,783,647	25,783,647	-	-	-	-	-							
1989	25,783,647	28,512,871	5,663,313	204,866	0.19862	0.00719	26.47							
1990	31,242,094	31,799,488	1,138,490	23,702	0.03580	0.00075	193.58	1988-90	86,096,006	6,801,803	228,568	0.07900	0.00265	69.05
1991	32,356,882	30,599,376	(3,467,710)	47,303	(0.11333)	0.00155	-	1989-91	90,911,734	3,334,093	275,871	0.03667	0.00303	94.79
1992	28,841,869	29,830,956	2,008,726	30,552	0.06734	0.00102	120.42	1990-92	92,229,820	(320,494)	101,557	(0.00347)	0.00110	-
1993	30,820,043	31,560,692	1,767,871	286,573	0.05601	0.00908	44.34	1991-93	91,991,024	308,887	364,428	0.00336	0.00396	274.18
1994	32,301,341	40,830,197	17,160,066	102,355	0.42028	0.00251	30.81	1992-94	102,221,845	20,936,663	419,480	0.20482	0.00410	34.49
1995	49,359,052	51,000,276	3,362,013	79,565	0.06592	0.00156	98.61	1993-95	123,391,165	22,289,950	468,493	0.18064	0.00380	38.18
1996	52,641,500	50,179,023	1,594,628	6,519,582	0.03178	0.12993	15.56	1994-96	142,009,496	22,116,707	6,701,502	0.15574	0.04719	11.66
1997	47,716,546	47,766,117	100,322	1,180	0.00210	0.00002	4,390.17	1995-97	148,945,416	5,056,963	6,600,327	0.03395	0.04431	25.78
1998	47,815,688	49,698,505	3,773,129	7,495	0.07592	0.00015	295.53	1996-98	147,643,645	5,468,079	6,528,257	0.03704	0.04422	24.71
1999	51,581,322	51,864,130	565,616	-	0.01091	-	-	1997-99	149,328,752	4,439,067	8,675	0.02973	0.00006	760.96
2000	52,146,938	53,313,624	2,333,372	-	0.04377	-	-	1998-00	154,876,259	6,672,117	7,495	0.04308	0.00005	692.58
2001	54,480,310	55,345,143	1,729,666	-	0.03125	-	-	1999-01	160,522,897	4,628,654	-	0.02883	-	-
2002	56,209,976	53,062,548	504,454	6,799,310	0.00951	0.12814	28.65	2000-02	161,721,315	4,567,492	6,799,310	0.02824	0.04204	29.02
2003	49,915,120	50,275,084	715,440	(4,487)	0.01423	(0.00009)	-	2001-03	158,682,775	2,949,560	6,794,823	0.01859	0.04282	35.45
2004	50,635,047	51,291,843	1,352,977	39,385	0.02638	0.00077	222.20	2002-04	154,629,475	2,572,871	6,834,208	0.01664	0.04420	36.88
1988-2004	719,631,022	732,713,518	40,302,373	14,137,381	0.05500	0.01929	30.70							

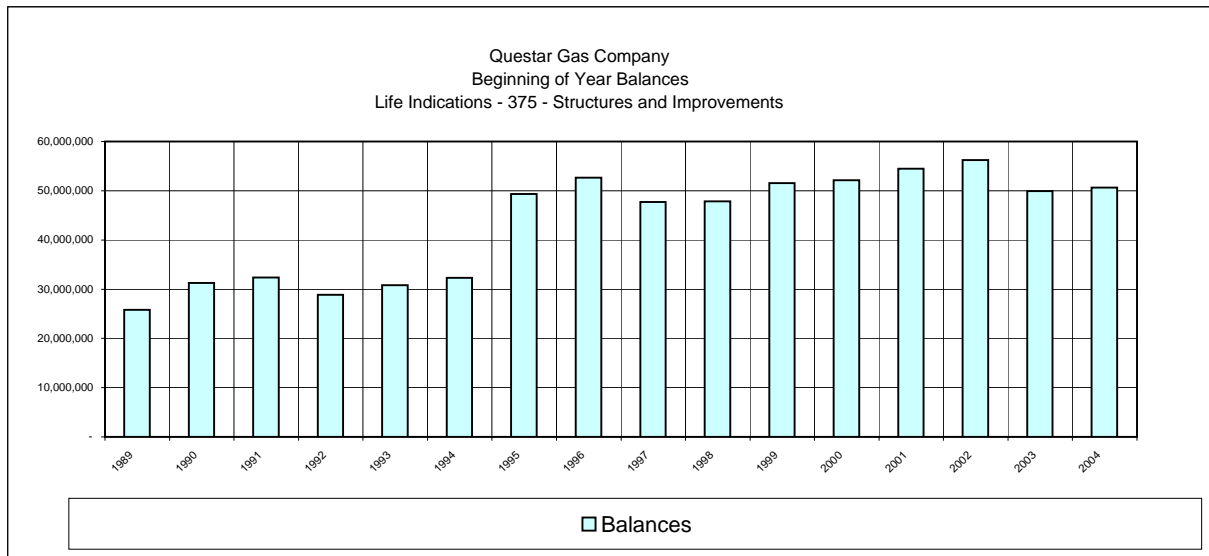
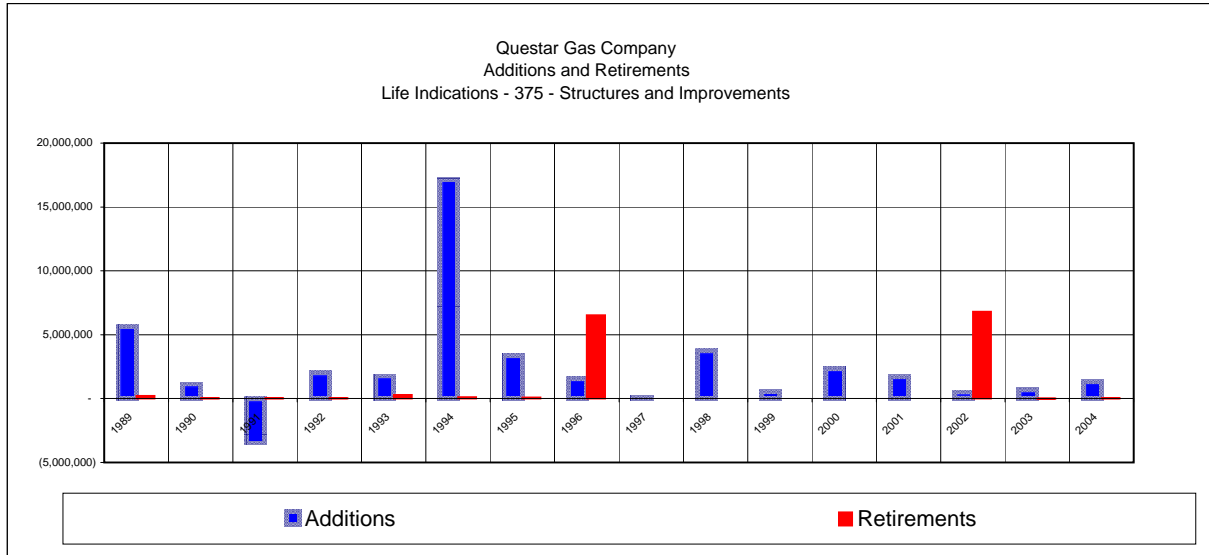
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 375 - Structures and Improvements



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 375 - Structures and Improvements



Observed Life Table Results
-Questar Gas Company-
Account: 376 - Mains

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1929 - 2003			
0	303,619,930	18,884	0.0062	99.9938	1.0000
0.5	290,037,587	66,738	0.0230	99.9770	0.9999
1.5	300,862,605	543,883	0.1808	99.8192	0.9997
2.5	280,926,013	128,219	0.0456	99.9544	0.9979
3.5	238,855,010	64,759	0.0271	99.9729	0.9974
4.5	233,928,484	168,108	0.0719	99.9281	0.9972
5.5	209,143,540	71,977	0.0344	99.9656	0.9965
6.5	189,719,339	201,018	0.1060	99.8940	0.9961
7.5	207,020,832	128,806	0.0622	99.9378	0.9951
8.5	172,782,949	135,696	0.0785	99.9215	0.9944
9.5	168,237,458	1,442,863	0.8576	99.1424	0.9937
10.5	162,878,151	272,094	0.1671	99.8329	0.9851
11.5	144,965,137	287,552	0.1984	99.8016	0.9835
12.5	141,610,471	311,514	0.2200	99.7800	0.9815
13.5	135,831,381	116,766	0.0860	99.9140	0.9794
14.5	116,380,659	202,083	0.1736	99.8264	0.9785
15.5	107,992,924	117,711	0.1090	99.8910	0.9768
16.5	81,421,946	72,629	0.0892	99.9108	0.9758
17.5	79,942,803	47,791	0.0598	99.9402	0.9749
18.5	75,486,809	93,677	0.1241	99.8759	0.9743
19.5	71,017,229	49,968	0.0704	99.9296	0.9731
20.5	67,608,425	39,853	0.0589	99.9411	0.9724
21.5	63,444,630	54,574	0.0860	99.9140	0.9719
22.5	59,710,059	48,330	0.0809	99.9191	0.9710
23.5	58,922,393	35,965	0.0610	99.9390	0.9702
24.5	55,833,172	42,354	0.0759	99.9241	0.9696
25.5	54,568,326	55,992	0.1026	99.8974	0.9689
26.5	52,261,943	83,666	0.1601	99.8399	0.9679
27.5	53,434,746	176,571	0.3304	99.6696	0.9664
28.5	53,351,060	243,974	0.4573	99.5427	0.9632
29.5	51,722,669	379,553	0.7338	99.2662	0.9588
30.5	48,735,372	213,232	0.4375	99.5625	0.9517
31.5	51,822,060	41,692	0.0805	99.9195	0.9476
32.5	50,229,243	53,687	0.1069	99.8931	0.9468
33.5	49,333,959	66,817	0.1354	99.8646	0.9458
34.5	46,923,702	36,308	0.0774	99.9226	0.9445
35.5	45,840,712	41,920	0.0914	99.9086	0.9438
36.5	44,377,634	56,862	0.1281	99.8719	0.9429
37.5	41,000,954	67,853	0.1655	99.8345	0.9417
38.5	34,158,720	44,143	0.1292	99.8708	0.9401
39.5	30,702,076	213,527	0.6955	99.3045	0.9389
40.5	26,072,345	74,855	0.2871	99.7129	0.9324
41.5	23,969,858	52,247	0.2180	99.7820	0.9297
42.5	19,786,645	130,380	0.6589	99.3411	0.9277
43.5	15,960,746	50,783	0.3182	99.6818	0.9216
44.5	14,752,485	158,393	1.0737	98.9263	0.9187

Observed Life Table Results
-Questar Gas Company-
Account: 376 - Mains

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	13,182,890	242,458	1.8392	98.1608	0.9088
46.5	7,321,679	307,616	4.2014	95.7986	0.8921
47.5	6,168,277	59,213	0.9600	99.0400	0.8546
48.5	5,537,002	41,955	0.7577	99.2423	0.8464
49.5	5,114,768	35,904	0.7020	99.2980	0.8400
50.5	4,302,887	13,565	0.3153	99.6847	0.8341
51.5	4,196,123	202,189	4.8185	95.1815	0.8315
52.5	3,779,146	18,501	0.4896	99.5104	0.7914
53.5	3,011,616	228,910	7.6009	92.3991	0.7875
54.5	2,422,670	247,466	10.2146	89.7854	0.7277
55.5	1,728,856	105,492	6.1018	93.8982	0.6533
56.5	1,226,217	1,350	0.1101	99.8899	0.6135
57.5	343,052	1,591	0.4638	99.5362	0.6128
58.5	341,070	12,799	3.7526	96.2474	0.6099
59.5	409,925	20,390	4.9741	95.0259	0.5871
60.5	389,649	10,268	2.6352	97.3648	0.5579
61.5	380,403	291,279	76.5712	23.4288	0.5432
62.5	89,122	2,453	2.7524	97.2476	0.1273
63.5	86,667	7,640	8.8154	91.1846	0.1238
64.5	79,027	1,691	2.1398	97.8602	0.1128
65.5	77,335	1,198	1.5491	98.4509	0.1104
66.5	76,137	15,391	20.2149	79.7851	0.1087
67.5	60,745	0	0.0000	100.0000	0.0867
68.5	63,725	0	0.0000	100.0000	0.0867
69.5	63,725	0	0.0000	100.0000	0.0867
70.5	63,725	0	0.0000	100.0000	0.0867
71.5	63,725	0	0.0000	100.0000	0.0867
72.5	63,725	0	0.0000	100.0000	0.0867
73.5	63,725	68	0.1067	99.8933	0.0867

Observed Life Table Results
-Questar Gas Company-
Account: 376 - Mains

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	281,755,130	18,884	0.0067	99.9933	1.0000
0.5	276,739,214	66,738	0.0241	99.9759	0.9999
1.5	271,469,548	543,883	0.2003	99.7997	0.9997
2.5	276,945,700	128,219	0.0463	99.9537	0.9977
3.5	232,636,538	64,759	0.0278	99.9722	0.9972
4.5	226,175,846	168,108	0.0743	99.9257	0.9969
5.5	204,097,324	71,977	0.0353	99.9647	0.9962
6.5	183,893,506	201,018	0.1093	99.8907	0.9959
7.5	199,506,977	128,806	0.0646	99.9354	0.9948
8.5	164,608,915	135,696	0.0824	99.9176	0.9941
9.5	161,058,121	1,442,863	0.8959	99.1041	0.9933
10.5	156,007,450	272,094	0.1744	99.8256	0.9844
11.5	139,728,629	287,552	0.2058	99.7942	0.9827
12.5	137,275,119	311,514	0.2269	99.7731	0.9807
13.5	132,051,608	116,766	0.0884	99.9116	0.9784
14.5	112,833,026	202,083	0.1791	99.8209	0.9776
15.5	104,045,889	117,711	0.1131	99.8869	0.9758
16.5	78,484,971	72,629	0.0925	99.9075	0.9747
17.5	77,403,116	47,791	0.0617	99.9383	0.9738
18.5	73,672,826	93,677	0.1272	99.8728	0.9732
19.5	67,732,007	49,968	0.0738	99.9262	0.9720
20.5	66,062,696	39,853	0.0603	99.9397	0.9713
21.5	61,850,738	54,574	0.0882	99.9118	0.9707
22.5	56,103,951	48,330	0.0861	99.9139	0.9698
23.5	51,575,147	35,965	0.0697	99.9303	0.9690
24.5	51,868,475	42,354	0.0817	99.9183	0.9683
25.5	48,959,643	55,992	0.1144	99.8856	0.9675
26.5	49,320,870	83,666	0.1696	99.8304	0.9664
27.5	47,978,372	176,571	0.3680	99.6320	0.9648
28.5	49,597,927	243,974	0.4919	99.5081	0.9612
29.5	49,797,860	379,553	0.7622	99.2378	0.9565
30.5	47,578,537	213,232	0.4482	99.5518	0.9492
31.5	45,855,001	41,692	0.0909	99.9091	0.9450
32.5	49,309,866	53,687	0.1089	99.8911	0.9441
33.5	48,410,821	66,817	0.1380	99.8620	0.9431
34.5	46,038,442	36,308	0.0789	99.9211	0.9418
35.5	45,385,018	41,920	0.0924	99.9076	0.9410
36.5	44,271,670	56,862	0.1284	99.8716	0.9402
37.5	40,766,456	67,853	0.1664	99.8336	0.9389
38.5	33,692,918	44,143	0.1310	99.8690	0.9374
39.5	30,289,629	213,527	0.7050	99.2950	0.9362
40.5	25,562,895	74,855	0.2928	99.7072	0.9296
41.5	23,196,092	52,247	0.2252	99.7748	0.9268
42.5	18,531,940	130,380	0.7035	99.2965	0.9247
43.5	15,955,409	50,783	0.3183	99.6817	0.9182
44.5	14,746,537	158,393	1.0741	98.9259	0.9153

Observed Life Table Results
-Questar Gas Company-
Account: 376 - Mains

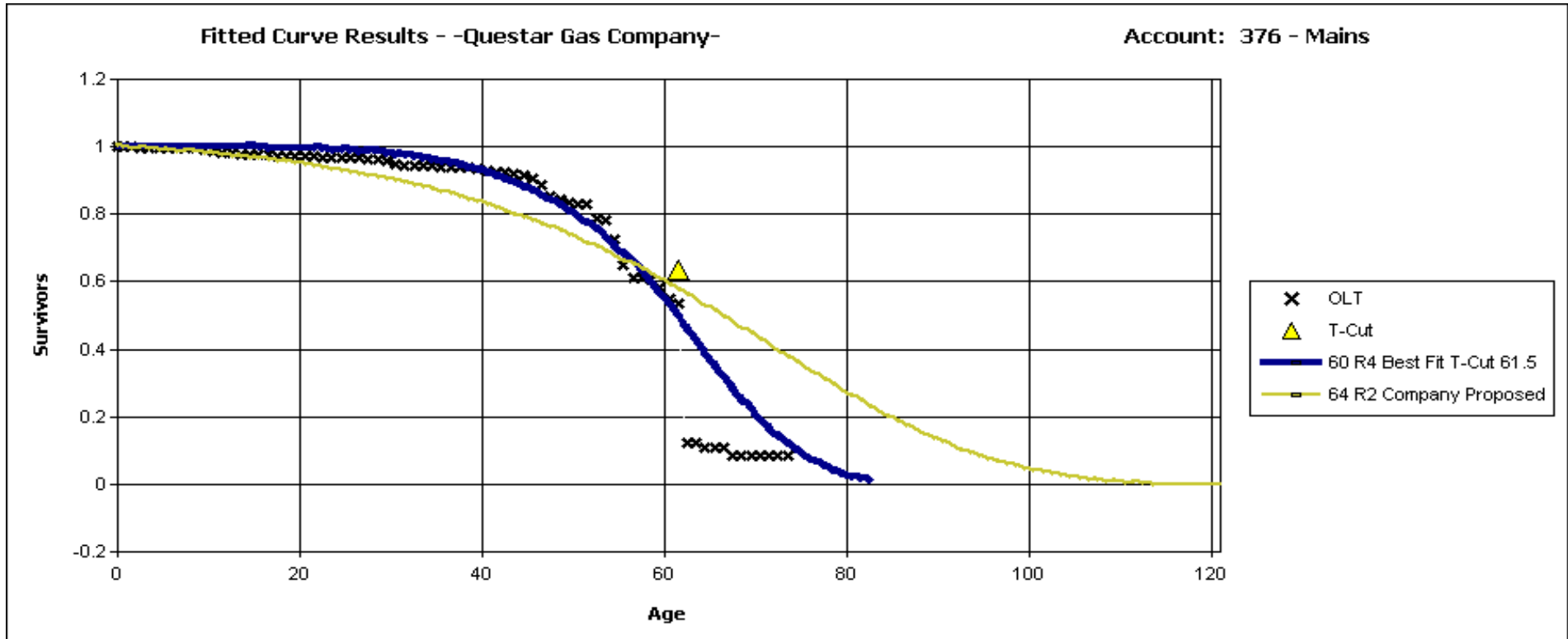
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	13,161,915	242,458	1.8421	98.1579	0.9055
46.5	7,314,927	307,616	4.2053	95.7947	0.8888
47.5	6,158,205	59,213	0.9615	99.0385	0.8514
48.5	5,236,668	41,955	0.8012	99.1988	0.8432
49.5	4,701,065	35,904	0.7637	99.2363	0.8365
50.5	4,300,893	13,565	0.3154	99.6846	0.8301
51.5	4,193,705	202,189	4.8212	95.1788	0.8275
52.5	3,776,657	18,501	0.4899	99.5101	0.7876
53.5	2,997,708	228,910	7.6362	92.3638	0.7837
54.5	2,422,670	247,466	10.2146	89.7854	0.7239
55.5	1,728,856	105,492	6.1018	93.8982	0.6499
56.5	1,226,217	1,350	0.1101	99.8899	0.6103
57.5	343,052	1,591	0.4638	99.5362	0.6096
58.5	341,070	12,799	3.7526	96.2474	0.6068
59.5	328,271	20,390	6.2113	93.7887	0.5840
60.5	389,649	10,268	2.6352	97.3648	0.5477
61.5	380,403	291,279	76.5712	23.4288	0.5333
62.5	89,122	2,453	2.7524	97.2476	0.1249
63.5	86,667	7,640	8.8154	91.1846	0.1215
64.5	79,027	1,691	2.1398	97.8602	0.1108
65.5	77,335	1,198	1.5491	98.4509	0.1084
66.5	76,137	15,391	20.2149	79.7851	0.1067
67.5	60,745	0	0.0000	100.0000	0.0852
68.5	63,725	0	0.0000	100.0000	0.0852
69.5	63,725	0	0.0000	100.0000	0.0852
70.5	63,725	0	0.0000	100.0000	0.0852
71.5	63,725	0	0.0000	100.0000	0.0852
72.5	63,725	0	0.0000	100.0000	0.0852
73.5	63,725	68	0.1067	99.8933	0.0852

Best Fit Curve Results
-Questar Gas Company-
Account: 376 - Mains

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
R4	60.0	327.657
L4	63.0	373.181
L3	68.0	426.295
S3	64.0	428.948
R3	63.0	627.583
S4	61.0	641.184
S2	67.0	745.253
L2	77.0	990.398
R5	59.0	1,026.804
L5	61.0	1,033.725
S1.5	70.0	1,064.977
R2.5	66.0	1,112.223
S1	75.0	1,466.577
L1.5	83.0	1,531.198
R2	70.0	1,712.608
S5	60.0	1,731.381
S0.5	80.0	1,992.013
L1	92.0	2,030.135
R1.5	76.0	2,520.941
S0	89.0	2,527.355
L0.5	100.0	2,685.290
R1	87.0	3,248.270
S-0.5	100.0	3,425.801
S6	59.0	3,871.882
R0.5	100.0	3,894.512
L0	100.0	4,024.203
O1	100.0	5,218.018
O2	100.0	6,675.727
SQ	61.0	14,859.164
O3	100.0	16,998.939
O4	100.0	35,077.480

Analytical Parameters

OLT Placement Band: 1929 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Paramete 1
 Maximum Life Paramet 100
 Life Increment Paramet 1
 Max Age (T-Cut): 61.5



OLT Placement Band: 1929 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 1
 Maximum Life Parameter: 100
 Life Increment Parameter: 1
 Max Age (T-Cut): 61.5

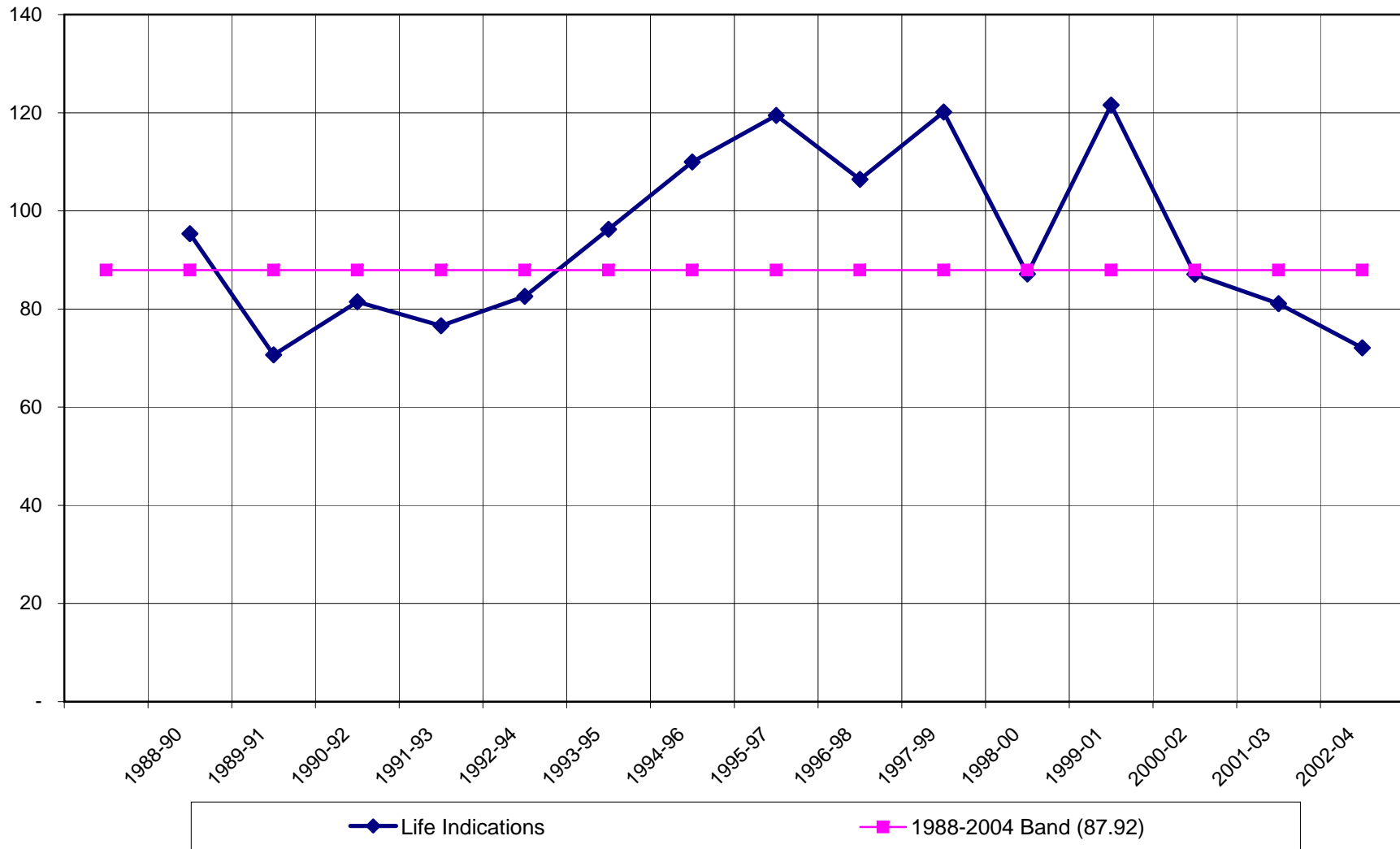
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 376 - Mains

Year								3 Year Band							
	<u>BOY Plant Balance</u> a	<u>Avg. Plant Balance</u> b=(a+(a+1))/2	<u>Single Year Additions</u> c	<u>Single Year Retirements</u> d	<u>Addition Ratio</u> e = c/b	<u>Retirement Ratio</u> f = d/b	<u>Geometric Mean Life Estimate</u> g = 1/sqrt(e*f)	<u>3 Year Band</u> h	<u>Avg. Plant Balance</u> i	<u>Additions</u> j	<u>Retirements</u> k	<u>Addition Ratio</u> l = j/i	<u>Retirement Ratio</u> m = k/i	<u>Geometric Mean Life Estimate</u> = 1/sqrt(l*m)	
1988	189,707,902	189,707,902	-	-	-	-	-								
1989	189,707,902	199,222,313	20,022,822	994,001	0.10050	0.00499	44.66								
1990	208,736,723	212,170,735	7,327,912	459,888	0.03454	0.00217	115.58	1988-90	601,100,950	27,350,734	1,453,889	0.04550	0.00242	95.32	
1991	215,604,747	219,960,352	9,426,419	715,210	0.04286	0.00325	84.71	1989-91	631,353,399	36,777,153	2,169,099	0.05825	0.00344	70.69	
1992	224,315,956	235,967,449	23,787,443	484,457	0.10081	0.00205	69.51	1990-92	668,098,536	40,541,774	1,659,555	0.06068	0.00248	81.45	
1993	247,618,942	252,627,109	10,762,377	746,043	0.04260	0.00295	89.15	1991-93	708,554,910	43,976,239	1,945,710	0.06206	0.00275	76.60	
1994	257,635,276	262,579,908	10,495,406	606,142	0.03997	0.00231	104.11	1992-94	751,174,466	45,045,226	1,836,642	0.05997	0.00245	82.59	
1995	267,524,540	275,851,191	17,064,242	410,940	0.06186	0.00149	104.17	1993-95	791,058,208	38,322,025	1,763,125	0.04844	0.00223	96.24	
1996	284,177,842	291,633,520	15,225,788	314,432	0.05221	0.00108	133.29	1994-96	830,064,619	42,785,436	1,331,514	0.05154	0.00160	109.97	
1997	299,089,198	311,466,994	24,975,459	219,868	0.08019	0.00071	132.92	1995-97	878,951,705	57,265,489	945,240	0.06515	0.00108	119.47	
1998	323,844,789	332,015,998	17,154,206	811,788	0.05167	0.00245	88.97	1996-98	935,116,512	57,355,453	1,346,088	0.06134	0.00144	106.42	
1999	340,187,207	352,441,023	24,507,631	-	0.06954	-	-	1997-99	995,924,014	66,637,296	1,031,656	0.06691	0.00104	120.12	
2000	364,694,838	384,917,243	41,444,810	1,000,000	0.10767	0.00260	59.79	1998-00	1,069,374,264	83,106,647	1,811,788	0.07772	0.00169	87.15	
2001	405,139,648	417,257,291	24,235,286	-	0.05808	-	-	1999-01	1,154,615,557	90,187,727	1,000,000	0.07811	0.00087	121.58	
2002	429,374,934	444,153,651	30,682,318	1,124,885	0.06908	0.00253	75.60	2000-02	1,246,328,185	96,362,414	2,124,885	0.07732	0.00170	87.10	
2003	458,932,367	475,441,839	34,917,020	1,898,076	0.07344	0.00399	58.40	2001-03	1,336,852,781	89,834,624	3,022,961	0.06720	0.00226	81.12	
2004	491,951,311	505,138,242	27,543,895	1,170,034	0.05453	0.00232	88.98	2002-04	1,424,733,731	93,143,233	4,192,995	0.06538	0.00294	72.09	
1988-2004	5,198,244,122	5,362,552,757	339,573,034	10,955,764	0.06332	0.00204	87.92								

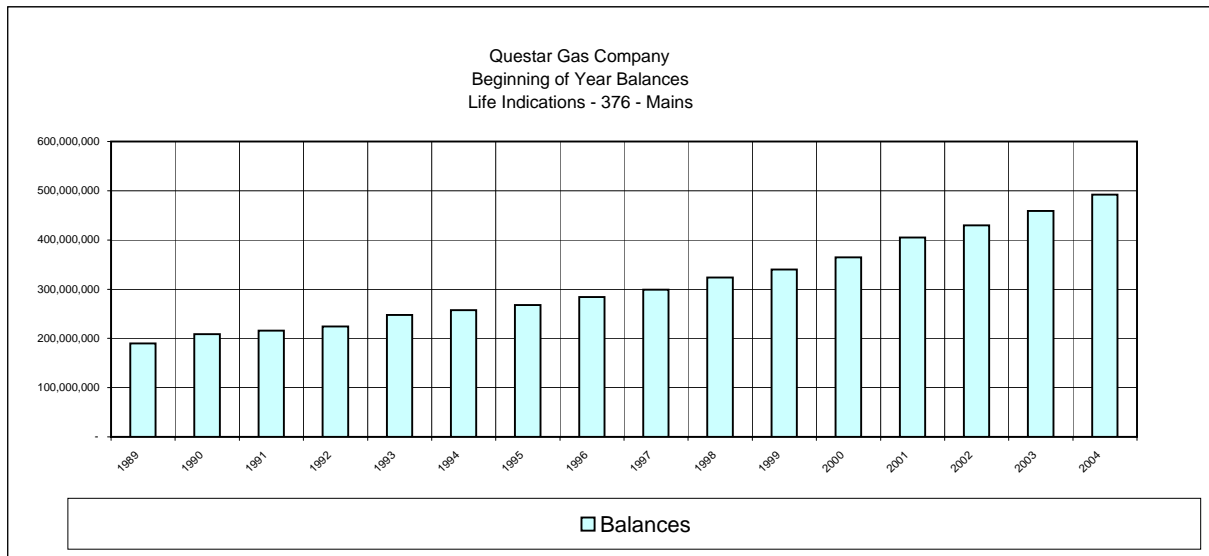
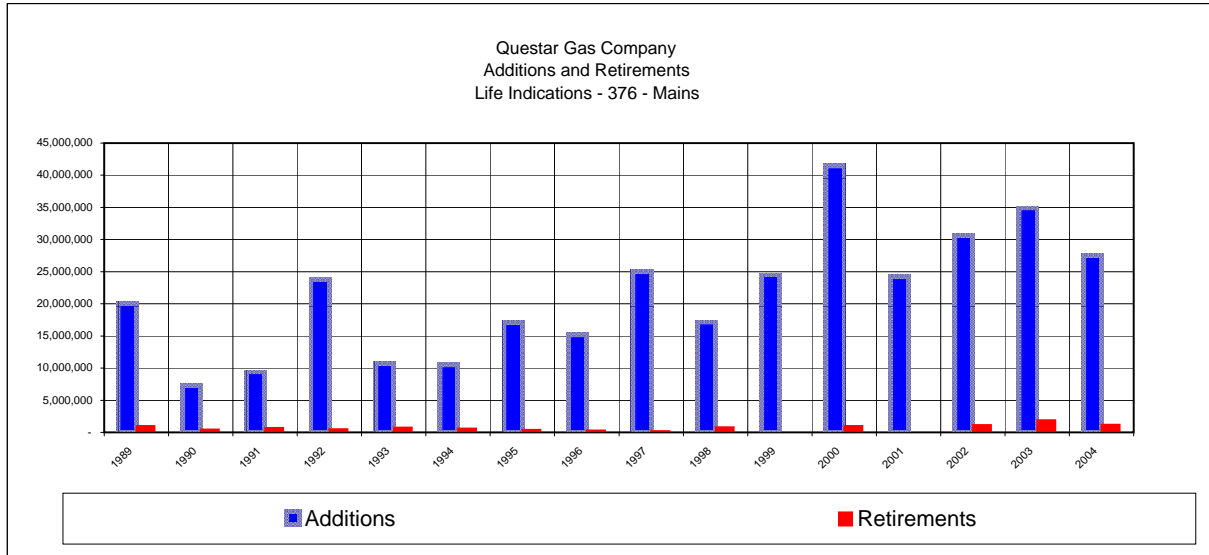
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 376 - Mains



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 376 - Mains



Questar Gas Company

376 - Mains

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA:			60	R2		
<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
2004	0.5	28,111,648	60.00	59.55	468,527	27,898,635
2003	1.5	35,578,012	60.00	58.64	592,967	34,773,263
2002	2.5	31,208,687	60.00	57.74	520,145	30,035,396
2001	3.5	24,605,568	60.00	56.85	410,093	23,313,826
2000	4.5	41,995,764	60.00	55.96	699,929	39,168,404
1999	5.5	24,782,207	60.00	55.08	413,037	22,748,056
1998	6.5	17,308,535	60.00	54.19	288,476	15,633,794
1997	7.5	25,141,976	60.00	53.32	419,033	22,342,316
1996	8.5	15,290,026	60.00	52.45	254,834	13,365,401
1995	9.5	17,092,198	60.00	51.58	284,870	14,693,983
1994	10.5	10,484,084	60.00	50.72	174,735	8,862,600
1993	11.5	10,720,066	60.00	49.86	178,668	8,909,114
1992	12.5	23,622,553	60.00	49.01	393,709	19,296,981
1991	13.5	9,331,338	60.00	48.17	155,522	7,491,182
1990	14.5	7,229,781	60.00	47.33	120,496	5,702,799
1989	15.5	19,685,169	60.00	46.49	328,086	15,253,689
1988	16.5	13,078,219	60.00	45.66	217,970	9,953,409
1987	17.5	31,529,578	60.00	44.84	525,493	23,563,398
1986	18.5	4,258,058	60.00	44.02	70,968	3,124,208
1985	19.5	7,264,279	60.00	43.21	121,071	5,231,675
1984	20.5	6,618,418	60.00	42.41	110,307	4,677,644
1983	21.5	5,241,169	60.00	41.61	87,353	3,634,413
1982	22.5	5,398,145	60.00	40.81	89,969	3,671,901
1981	23.5	8,963,710	60.00	40.03	149,395	5,979,639
1980	24.5	7,548,686	60.00	39.24	125,811	4,937,464
1979	25.5	7,323,582	60.00	38.47	122,060	4,695,752
1978	26.5	5,327,161	60.00	37.70	88,786	3,347,514
1977	27.5	4,681,066	60.00	36.94	78,018	2,882,154
1976	28.5	3,781,198	60.00	36.19	63,020	2,280,592
1975	29.5	3,493,908	60.00	35.44	58,232	2,063,796
1974	30.5	1,494,820	60.00	34.70	24,914	864,528
1973	31.5	3,135,595	60.00	33.97	52,260	1,775,177
1972	32.5	2,127,112	60.00	33.24	35,452	1,178,502
1971	33.5	4,011,748	60.00	32.52	66,862	2,174,638
1970	34.5	1,833,126	60.00	31.81	30,552	971,969

1969	35.5	1,613,165	60.00	31.11	26,886	836,428
1968	36.5	1,546,307	60.00	30.41	25,772	783,841
1967	37.5	868,387	60.00	29.73	14,473	430,248
1966	38.5	4,842,644	60.00	29.05	80,711	2,344,459
1965	39.5	3,630,885	60.00	28.38	60,515	1,717,184
1964	40.5	3,602,450	60.00	27.71	60,041	1,663,936
1963	41.5	3,781,749	60.00	27.06	63,029	1,705,469
1962	42.5	3,591,124	60.00	26.41	59,852	1,580,824
1961	43.5	2,208,480	60.00	25.77	36,808	948,721
1960	44.5	3,792,686	60.00	25.15	63,211	1,589,502
1959	45.5	2,448,094	60.00	24.53	40,802	1,000,693
1958	46.5	1,812,114	60.00	23.92	30,202	722,285
1957	47.5	4,600,172	60.00	23.31	76,670	1,787,411
1956	48.5	1,407,403	60.00	22.72	23,457	532,951
1955	49.5	1,299,466	60.00	22.14	21,658	479,453
1954	50.5	1,178,255	60.00	21.56	19,638	423,459
1953	51.5	846,708	60.00	21.00	14,112	296,341
1952	52.5	578,031	60.00	20.45	9,634	196,966
1951	53.5	583,667	60.00	19.90	9,728	193,584
1950	54.5	647,190	60.00	19.37	10,787	208,882
1949	55.5	564,683	60.00	18.84	9,411	177,312
1948	56.5	564,338	60.00	18.32	9,406	172,355
1947	57.5	647,737	60.00	17.82	10,796	192,370
1946	58.5	830,681	60.00	17.32	13,845	239,846
1945	59.5	209,322	60.00	16.84	3,489	58,744
1944	60.5	183,040	60.00	16.36	3,051	49,918
1943	61.5	166,089	60.00	15.90	2,768	44,007
1942	62.5	139,337	60.00	15.44	2,322	35,860
1941	63.5	122,521	60.00	15.00	2,042	30,621
1940	64.5	218,529	60.00	14.56	3,642	53,028
1939	65.5	242,136	60.00	14.13	4,036	57,035
1938	66.5	77,316	60.00	13.72	1,289	17,674
1937	67.5	66,812	60.00	13.31	1,114	14,819
1936	68.5	57,535	60.00	12.91	959	12,379
1935	69.5	52,969	60.00	12.52	883	11,053
1934	70.5	0	60.00	12.14	0	0
1933	71.5	0	60.00	11.77	0	0
1932	72.5	0	60.00	11.40	0	0
1931	73.5	0	60.00	11.05	0	0
1930	74.5	0	60.00	10.70	0	0
1929	75.5	49,303	60.00	10.35	822	8,509

518,368,514

8,639,475 417,115,981

AVERAGE SERVICE LIFE

60.00

AVERAGE REMAINING LIFE

48.28

Observed Life Table Results
-Questar Gas Company-
Account: 377 - Compressor Station Equipment

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1968 - 2003			
0	1,100,199	0	0.0000	100.0000	1.0000
0.5	796,239	8,983	1.1282	98.8718	1.0000
1.5	2,405,901	0	0.0000	100.0000	0.9887
2.5	2,409,392	0	0.0000	100.0000	0.9887
3.5	1,932,267	171,403	8.8706	91.1294	0.9887
4.5	1,859,638	0	0.0000	100.0000	0.9010
5.5	1,818,871	0	0.0000	100.0000	0.9010
6.5	1,835,403	0	0.0000	100.0000	0.9010
7.5	1,834,112	0	0.0000	100.0000	0.9010
8.5	1,834,112	11,225	0.6120	99.3880	0.9010
9.5	1,817,267	0	0.0000	100.0000	0.8955
10.5	1,821,951	0	0.0000	100.0000	0.8955
11.5	1,822,289	0	0.0000	100.0000	0.8955
12.5	1,806,192	0	0.0000	100.0000	0.8955
13.5	1,704,253	138	0.0081	99.9919	0.8955
14.5	1,702,095	0	0.0000	100.0000	0.8954
15.5	1,641,873	563	0.0343	99.9657	0.8954
16.5	237,681	0	0.0000	100.0000	0.8951
17.5	758,481	0	0.0000	100.0000	0.8951
18.5	730,066	85,917	11.7684	88.2316	0.8951
19.5	959,461	0	0.0000	100.0000	0.7898
20.5	1,069,850	0	0.0000	100.0000	0.7898
21.5	1,049,542	3,917	0.3732	99.6268	0.7898
22.5	1,045,625	0	0.0000	100.0000	0.7868
23.5	1,045,625	0	0.0000	100.0000	0.7868
24.5	1,045,625	420	0.0402	99.9598	0.7868
25.5	1,069,559	0	0.0000	100.0000	0.7865
26.5	1,009,559	160,679	15.9158	84.0842	0.7865
27.5	848,880	0	0.0000	100.0000	0.6613
28.5	848,880	0	0.0000	100.0000	0.6613
29.5	848,880	0	0.0000	100.0000	0.6613
30.5	848,880	0	0.0000	100.0000	0.6613
31.5	848,880	355,426	41.8700	58.1300	0.6613
32.5	402,861	0	0.0000	100.0000	0.3844
33.5	402,861	0	0.0000	100.0000	0.3844
34.5	0	0	0.0000	100.0000	0.3844
BAND		1990 - 2003			
0	1,098,041	0	0.0000	100.0000	1.0000
0.5	748,428	8,983	1.2002	98.7998	1.0000
1.5	1,001,709	0	0.0000	100.0000	0.9880
2.5	2,398,256	0	0.0000	100.0000	0.9880
3.5	1,891,441	171,403	9.0620	90.9380	0.9880
4.5	1,760,864	0	0.0000	100.0000	0.8985
5.5	1,734,582	0	0.0000	100.0000	0.8985
6.5	1,815,095	0	0.0000	100.0000	0.8985
7.5	1,834,112	0	0.0000	100.0000	0.8985

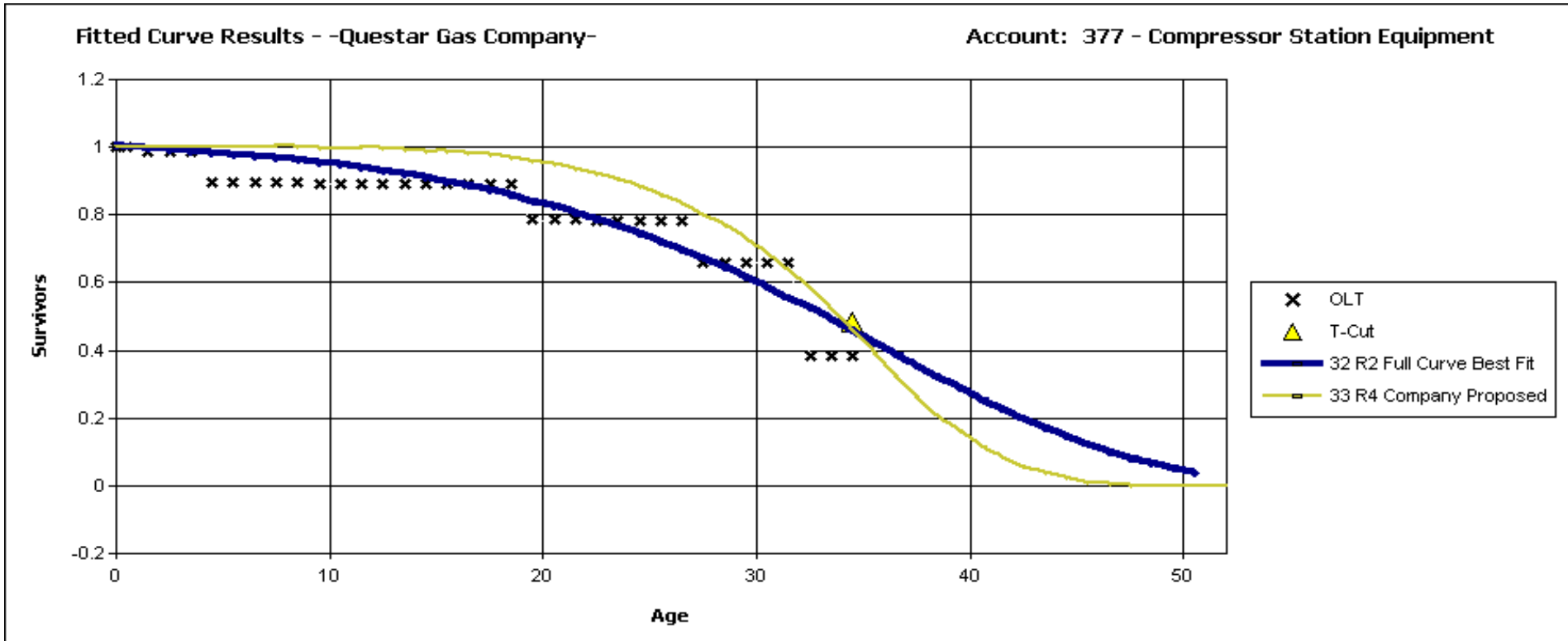
8.5	1,834,112	11,225	0.6120	99.3880	0.8985
9.5	1,817,267	0	0.0000	100.0000	0.8930
10.5	1,816,305	0	0.0000	100.0000	0.8930
11.5	1,822,289	0	0.0000	100.0000	0.8930
12.5	1,806,192	0	0.0000	100.0000	0.8930
13.5	1,704,253	138	0.0081	99.9919	0.8930
14.5	1,702,095	0	0.0000	100.0000	0.8929
15.5	1,641,873	563	0.0343	99.9657	0.8929
16.5	237,681	0	0.0000	100.0000	0.8926
17.5	226,545	0	0.0000	100.0000	0.8926
18.5	730,066	85,917	11.7684	88.2316	0.8926
19.5	556,600	0	0.0000	100.0000	0.7875
20.5	874,834	0	0.0000	100.0000	0.7875
21.5	1,049,542	3,917	0.3732	99.6268	0.7875
22.5	1,045,625	0	0.0000	100.0000	0.7846
23.5	1,045,625	0	0.0000	100.0000	0.7846
24.5	1,045,625	420	0.0402	99.9598	0.7846
25.5	1,069,559	0	0.0000	100.0000	0.7843
26.5	1,009,559	160,679	15.9158	84.0842	0.7843
27.5	848,880	0	0.0000	100.0000	0.6595
28.5	848,880	0	0.0000	100.0000	0.6595
29.5	848,880	0	0.0000	100.0000	0.6595
30.5	848,880	0	0.0000	100.0000	0.6595
31.5	848,880	355,426	41.8700	58.1300	0.6595
32.5	402,861	0	0.0000	100.0000	0.3833
33.5	402,861	0	0.0000	100.0000	0.3833
34.5	0	0	0.0000	100.0000	0.3833

Best Fit Curve Results
-Questar Gas Company-
Account: 377 - Compressor Station Equipment

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
R2	32.0	1,133.009
R1.5	33.0	1,190.723
R2.5	31.0	1,224.180
R1	34.0	1,461.594
S0.5	34.0	1,463.876
S1	33.0	1,520.330
L1.5	36.0	1,545.579
R3	31.0	1,579.809
S1.5	33.0	1,581.670
S0	36.0	1,596.787
L1	38.0	1,660.118
L2	35.0	1,696.828
L0.5	40.0	1,738.172
S-0.5	38.0	1,842.796
S2	32.0	1,849.584
R0.5	37.0	1,898.270
L0	44.0	1,980.858
L3	33.0	2,245.249
O1	42.0	2,309.015
O2	47.0	2,309.098
O3	67.0	2,512.492
S3	32.0	2,577.241
O4	93.0	2,598.453
R4	31.0	2,625.646
L4	32.0	3,146.825
S4	31.0	4,033.510
L5	32.0	4,745.865
R5	31.0	4,870.096
S5	32.0	5,883.686
S6	32.0	8,100.035
SQ	32.0	15,551.609

Analytical Parameters

OLT Placement Band: 1968 - 2003
 OLT Experience Band 1990 - 2003
 Minimum Life Paramet 1
 Maximum Life Parame 100
 Life Increment Parame 1
 Max Age (T-Cut): 34.5



OLT Placement Band: 1968 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 1
 Maximum Life Parameter: 100
 Life Increment Parameter: 1
 Max Age (T-Cut): 34.5

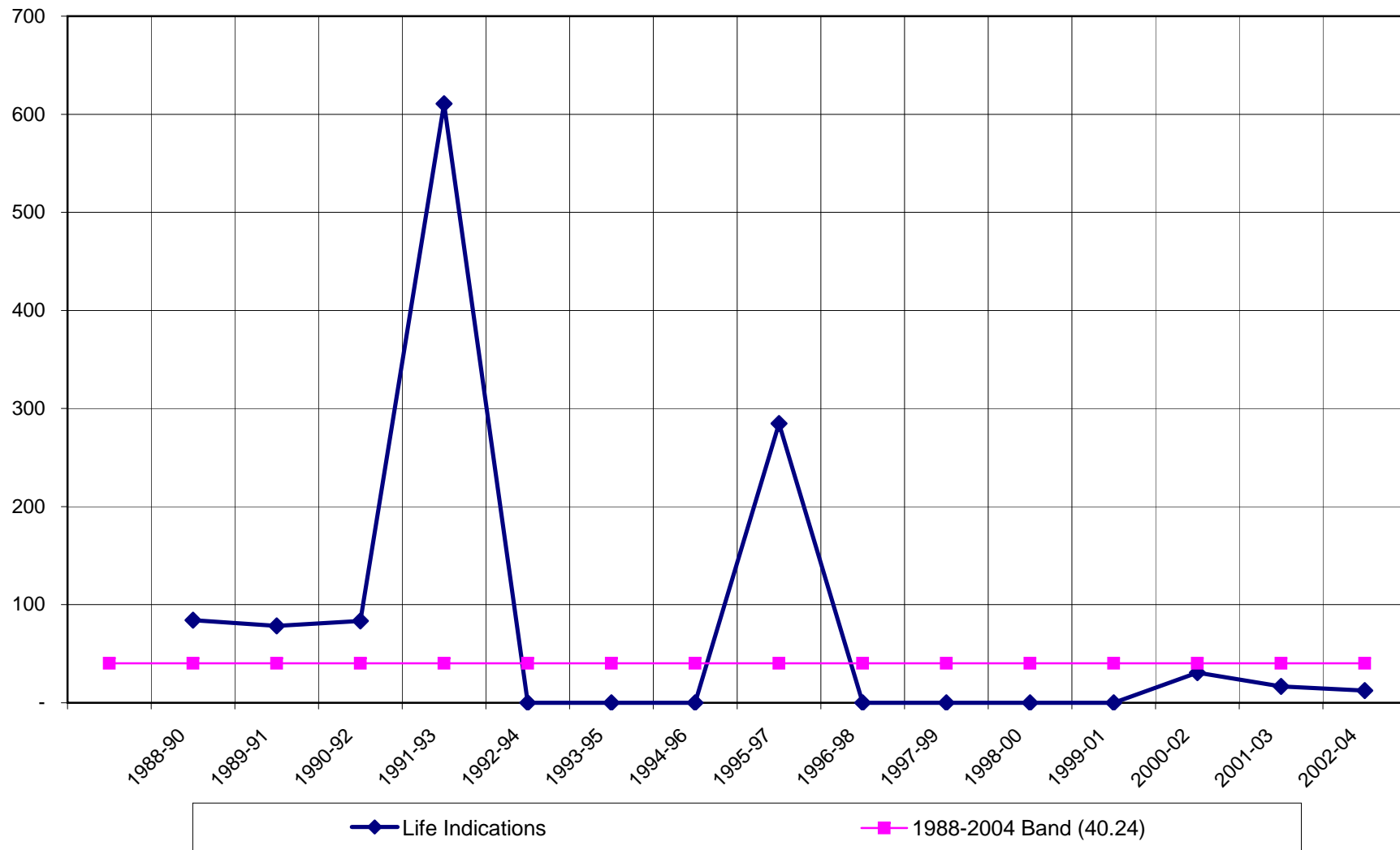
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 377 - Compressor Station Equipment

Year	BOY Plant <u>Balance</u> a	Avg. Plant <u>Balance</u> b=(a+(a+1))/2	Single Year <u>Additions</u> c	Single Year <u>Retirements</u> d	Addition <u>Ratio</u> e = c/b	Retirement <u>Ratio</u> f = d/b	Geometric Mean <u>Life Estimate</u> g = 1/sqrt(e*f)	3 Year Band					Geometric Mean <u>Life Estimate</u> = 1/sqrt(l*rr)		
								3 Year <u>Band</u> h	Avg. Plant <u>Balance</u> i	<u>Additions</u> j	<u>Retirements</u> k	Addition <u>Ratio</u> l = j/i		Retirement <u>Ratio</u> m = k/i	
1988	2,851,979	2,851,979	-	-	-	-	-								
1989	2,851,979	2,848,467	2,158	9,182	0.00076	0.00322	639.91								
1990	2,844,955	2,851,008	101,939	89,834	0.03576	0.03151	29.79	1988-90	8,551,454	104,097	99,016	0.01217	0.01158	84.23	
1991	2,857,060	2,865,111	16,101	-	0.00562	-	-	1989-91	8,564,585	120,198	99,016	0.01403	0.01156	78.51	
1992	2,873,161	2,873,158	(6)	-	(0.00000)	-	-	1990-92	8,589,276	118,034	89,834	0.01374	0.01046	83.41	
1993	2,873,155	2,867,814	962	11,644	0.00034	0.00406	856.86	1991-93	8,606,083	17,057	11,644	0.00198	0.00135	610.67	
1994	2,862,473	2,850,283	(24,380)	-	(0.00855)	-	-	1992-94	8,591,255	(23,424)	11,644	(0.00273)	0.00136	-	
1995	2,838,093	2,757,923	1	160,341	0.00000	0.05814	6,887.47	1993-95	8,476,020	(23,417)	171,985	(0.00276)	0.02029	-	
1996	2,677,753	2,678,399	1,291	-	0.00048	-	-	1994-96	8,286,605	(23,088)	160,341	(0.00279)	0.01935	-	
1997	2,679,044	2,680,932	3,776	-	0.00141	-	-	1995-97	8,117,254	5,068	160,341	0.00062	0.01975	284.75	
1998	2,682,820	2,824,844	284,048	-	0.10055	-	-	1996-98	8,184,175	289,115	-	0.03533	-	-	
1999	2,966,868	2,966,868	-	-	-	-	-	1997-99	8,472,644	287,824	-	0.03397	-	-	
2000	2,966,868	3,101,757	269,778	-	0.08698	-	-	1998-00	8,893,469	553,826	-	0.06227	-	-	
2001	3,236,646	3,241,009	8,726	-	0.00269	-	-	1999-01	9,309,634	278,504	-	0.02992	-	-	
2002	3,245,372	3,310,233	301,124	171,403	0.09097	0.05178	14.57	2000-02	9,652,999	579,628	171,403	0.06005	0.01776	30.63	
2003	3,375,093	3,368,964	352,851	365,110	0.10474	0.10837	9.39	2001-03	9,920,205	662,701	536,513	0.06680	0.05408	16.64	
2004	3,362,834	3,683,580	641,492	-	0.17415	-	-	2002-04	10,362,776	1,295,467	536,513	0.12501	0.05177	12.43	
1988-2004	50,046,153	50,622,327	1,959,861	807,514	0.03872	0.01595	40.24								

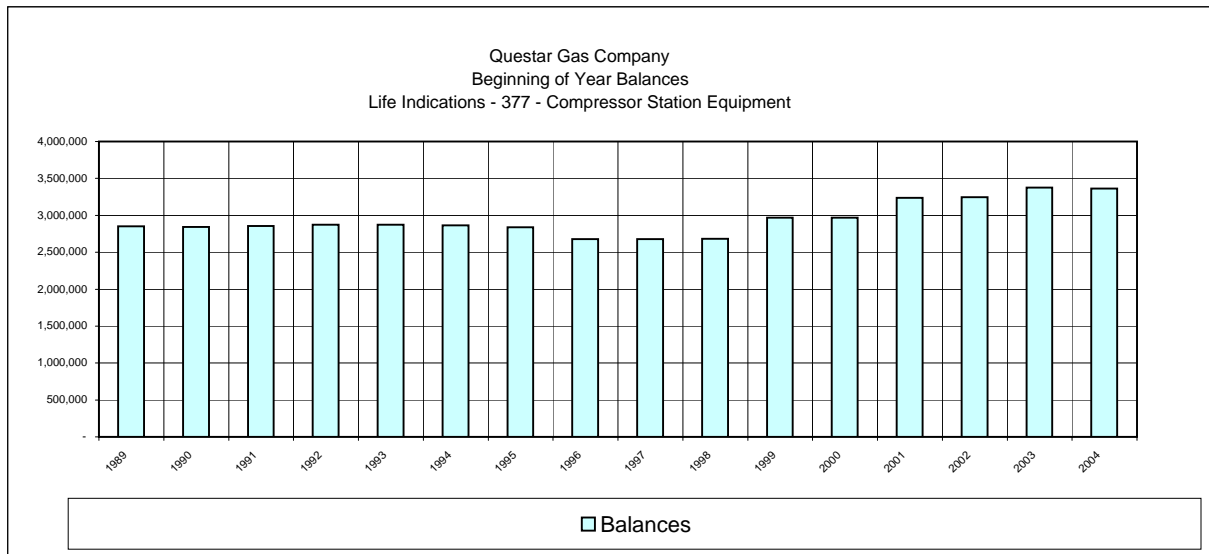
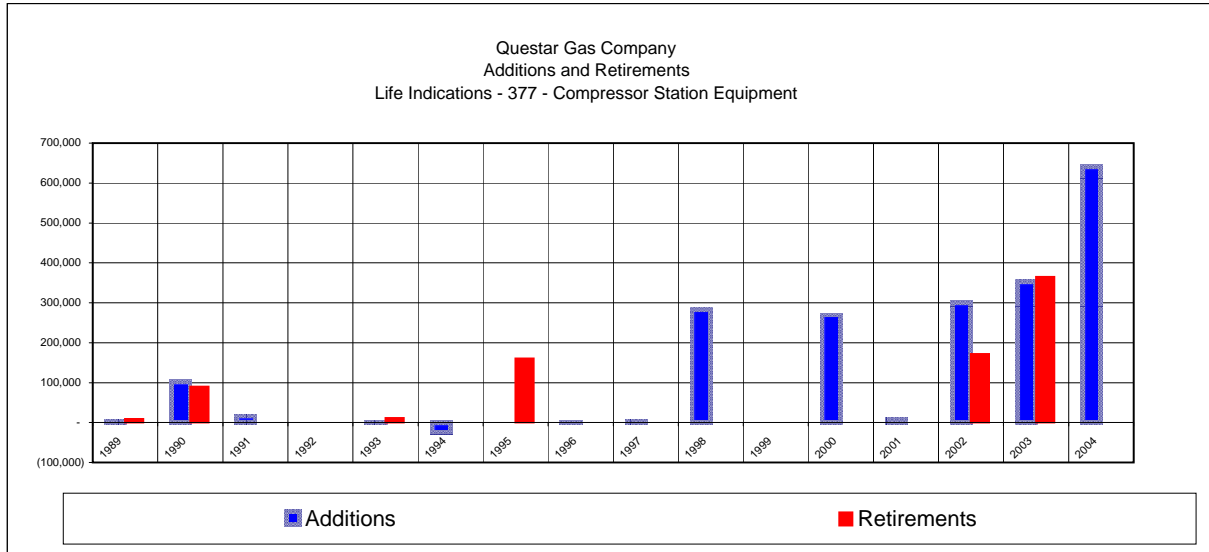
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 377 - Compressor Station Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 377 - Compressor Station Equipment



**Observed Life Table Results
-Questar Gas Company-
Account: 378 - Measuring and Regulating Station Equipment**

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1939 - 2003			
0	18,977,306	3,000	0.0158	99.9842	1.0000
0.5	18,626,839	26,259	0.1410	99.8590	0.9998
1.5	13,239,742	91,491	0.6910	99.3090	0.9984
2.5	11,804,651	15,907	0.1348	99.8652	0.9915
3.5	10,051,444	133,789	1.3310	98.6690	0.9902
4.5	9,073,880	126,265	1.3915	98.6085	0.9770
5.5	8,379,145	35,975	0.4293	99.5707	0.9634
6.5	8,162,945	61,302	0.7510	99.2490	0.9593
7.5	7,932,723	107,070	1.3497	98.6503	0.9521
8.5	5,636,012	23,002	0.4081	99.5919	0.9392
9.5	5,300,678	114,098	2.1525	97.8475	0.9354
10.5	4,300,807	51,969	1.2084	98.7916	0.9153
11.5	4,065,284	59,180	1.4557	98.5443	0.9042
12.5	3,842,924	54,053	1.4066	98.5934	0.8910
13.5	3,617,686	59,300	1.6392	98.3608	0.8785
14.5	3,304,807	60,144	1.8199	98.1801	0.8641
15.5	3,122,633	68,017	2.1782	97.8218	0.8484
16.5	2,501,672	38,891	1.5546	98.4454	0.8299
17.5	2,261,152	89,382	3.9529	96.0471	0.8170
18.5	2,063,204	39,466	1.9129	98.0871	0.7847
19.5	1,855,657	69,964	3.7703	96.2297	0.7697
20.5	1,546,880	14,959	0.9670	99.0330	0.7407
21.5	1,330,456	37,666	2.8311	97.1689	0.7335
22.5	1,251,120	38,662	3.0902	96.9098	0.7127
23.5	1,234,647	40,636	3.2913	96.7087	0.6907
24.5	1,189,503	5,363	0.4509	99.5491	0.6680
25.5	1,225,409	36,071	2.9436	97.0564	0.6650
26.5	1,056,950	16,041	1.5177	98.4823	0.6454
27.5	1,092,506	23,209	2.1244	97.8756	0.6356
28.5	1,062,666	28,950	2.7243	97.2757	0.6221
29.5	984,881	19,027	1.9319	98.0681	0.6052
30.5	950,668	6,532	0.6871	99.3129	0.5935
31.5	991,950	39,939	4.0263	95.9737	0.5894
32.5	946,091	22,164	2.3427	97.6573	0.5657
33.5	865,517	9,905	1.1444	98.8556	0.5524
34.5	820,611	20,023	2.4400	97.5600	0.5461
35.5	825,218	13,697	1.6598	98.3402	0.5328
36.5	749,418	4,373	0.5835	99.4165	0.5239
37.5	701,546	16,067	2.2902	97.7098	0.5209
38.5	615,339	7,719	1.2544	98.7456	0.5089
39.5	556,032	3,871	0.6962	99.3038	0.5025
40.5	504,942	1,216	0.2408	99.7592	0.4990
41.5	434,275	2,270	0.5227	99.4773	0.4978
42.5	453,455	3,344	0.7374	99.2626	0.4952
43.5	421,236	0	0.0000	100.0000	0.4916
44.5	721,596	0	0.0000	100.0000	0.4916

Observed Life Table Results
-Questar Gas Company-
Account: 378 - Measuring and Regulating Station Equipment

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	370,244	368	0.0994	99.9006	0.4916
46.5	317,484	940	0.2961	99.7039	0.4911
47.5	290,410	2,722	0.9373	99.0627	0.4896
48.5	267,287	1,096	0.4100	99.5900	0.4851
49.5	216,437	0	0.0000	100.0000	0.4831
50.5	172,913	0	0.0000	100.0000	0.4831
51.5	61,443	693	1.1279	98.8721	0.4831
52.5	56,387	3,471	6.1557	93.8443	0.4776
53.5	51,539	0	0.0000	100.0000	0.4482
54.5	42,660	0	0.0000	100.0000	0.4482
55.5	7,257	0	0.0000	100.0000	0.4482
56.5	556	0	0.0000	100.0000	0.4482
57.5	540	0	0.0000	100.0000	0.4482
58.5	450	0	0.0000	100.0000	0.4482
59.5	450	0	0.0000	100.0000	0.4482
60.5	450	0	0.0000	100.0000	0.4482
61.5	263	0	0.0000	100.0000	0.4482
62.5	28	0	0.0000	100.0000	0.4482
63.5	28	0	0.0000	100.0000	0.4482

Observed Life Table Results
-Questar Gas Company-
Account: 378 - Measuring and Regulating Station Equipment

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	18,592,469	3,000	0.0161	99.9839	1.0000
0.5	18,364,266	26,259	0.1430	99.8570	0.9998
1.5	12,614,701	91,491	0.7253	99.2747	0.9984
2.5	11,581,146	15,907	0.1374	99.8626	0.9912
3.5	9,809,068	133,789	1.3639	98.6361	0.9898
4.5	8,768,491	126,265	1.4400	98.5600	0.9763
5.5	8,005,700	35,975	0.4494	99.5506	0.9622
6.5	7,869,791	61,302	0.7790	99.2210	0.9579
7.5	7,797,403	107,070	1.3731	98.6269	0.9505
8.5	5,500,532	23,002	0.4182	99.5818	0.9374
9.5	5,172,807	114,098	2.2057	97.7943	0.9335
10.5	4,177,053	51,969	1.2442	98.7558	0.9129
11.5	3,794,396	59,180	1.5597	98.4403	0.9015
12.5	3,759,535	54,053	1.4378	98.5622	0.8875
13.5	3,530,725	59,300	1.6795	98.3205	0.8747
14.5	3,225,267	60,144	1.8648	98.1352	0.8600
15.5	3,023,685	68,017	2.2495	97.7505	0.8440
16.5	2,484,491	38,891	1.5654	98.4346	0.8250
17.5	2,199,680	89,382	4.0634	95.9366	0.8121
18.5	1,976,304	39,466	1.9970	98.0030	0.7791
19.5	1,758,744	69,964	3.9781	96.0219	0.7635
20.5	1,495,980	14,959	0.9999	99.0001	0.7332
21.5	1,238,062	37,666	3.0423	96.9577	0.7258
22.5	1,169,161	38,662	3.3068	96.6932	0.7037
23.5	1,139,881	40,636	3.5649	96.4351	0.6805
24.5	1,087,763	5,363	0.4930	99.5070	0.6562
25.5	1,106,037	36,071	3.2613	96.7387	0.6530
26.5	968,641	16,041	1.6560	98.3440	0.6317
27.5	1,004,827	23,209	2.3098	97.6902	0.6212
28.5	1,025,595	28,950	2.8228	97.1772	0.6069
29.5	963,047	19,027	1.9757	98.0243	0.5897
30.5	904,604	6,532	0.7221	99.2779	0.5781
31.5	938,724	39,939	4.2546	95.7454	0.5739
32.5	904,401	22,164	2.4507	97.5493	0.5495
33.5	842,741	9,905	1.1753	98.8247	0.5360
34.5	770,231	20,023	2.5996	97.4004	0.5297
35.5	780,916	13,697	1.7540	98.2460	0.5160
36.5	729,022	4,373	0.5998	99.4002	0.5069
37.5	697,183	16,067	2.3046	97.6954	0.5039
38.5	613,480	7,719	1.2582	98.7418	0.4923
39.5	543,250	3,871	0.7126	99.2874	0.4861
40.5	466,817	1,216	0.2605	99.7395	0.4826
41.5	427,574	2,270	0.5309	99.4691	0.4813
42.5	453,439	3,344	0.7375	99.2625	0.4788
43.5	421,146	0	0.0000	100.0000	0.4753
44.5	721,596	0	0.0000	100.0000	0.4753

Observed Life Table Results
-Questar Gas Company-
Account: 378 - Measuring and Regulating Station Equipment

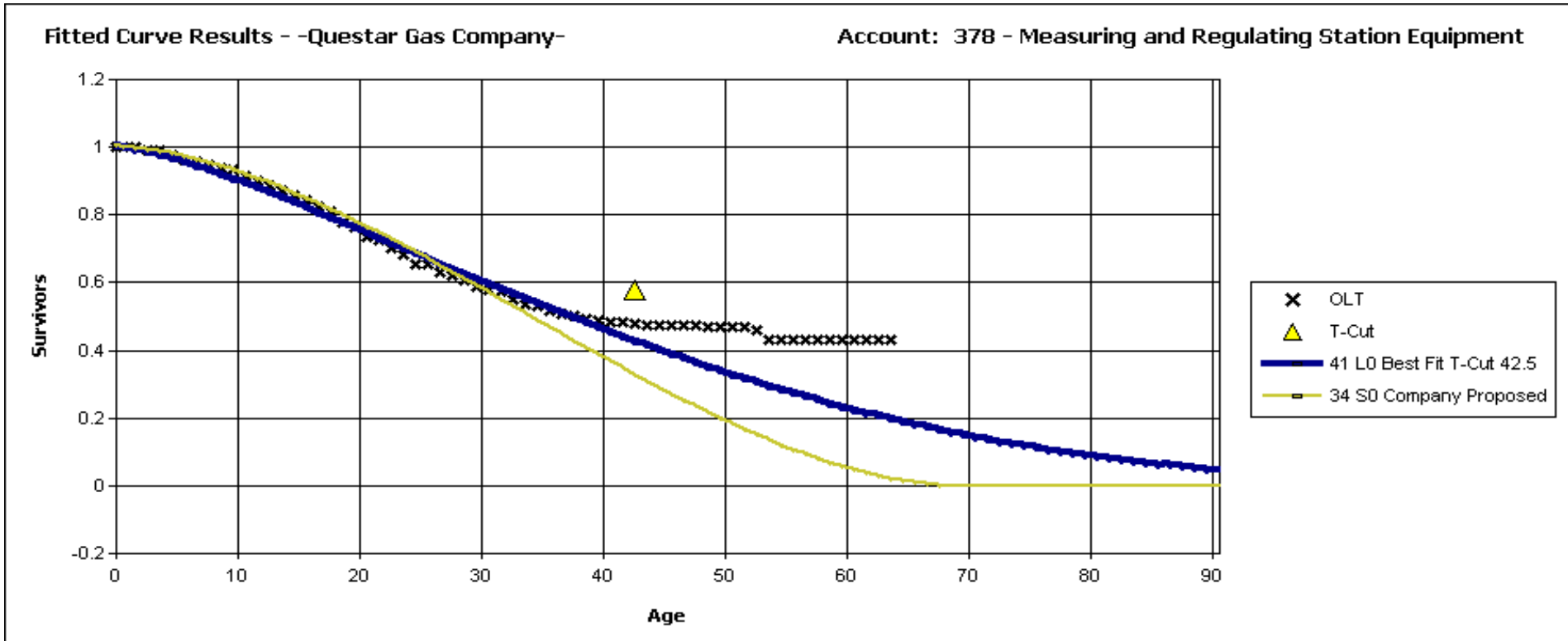
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	370,244	368	0.0994	99.9006	0.4753
46.5	317,297	940	0.2963	99.7037	0.4748
47.5	289,964	2,722	0.9387	99.0613	0.4734
48.5	267,287	1,096	0.4100	99.5900	0.4689
49.5	216,409	0	0.0000	100.0000	0.4670
50.5	172,913	0	0.0000	100.0000	0.4670
51.5	61,443	693	1.1279	98.8721	0.4670
52.5	56,387	3,471	6.1557	93.8443	0.4617
53.5	51,539	0	0.0000	100.0000	0.4333
54.5	42,660	0	0.0000	100.0000	0.4333
55.5	7,257	0	0.0000	100.0000	0.4333
56.5	556	0	0.0000	100.0000	0.4333
57.5	540	0	0.0000	100.0000	0.4333
58.5	450	0	0.0000	100.0000	0.4333
59.5	450	0	0.0000	100.0000	0.4333
60.5	450	0	0.0000	100.0000	0.4333
61.5	263	0	0.0000	100.0000	0.4333
62.5	28	0	0.0000	100.0000	0.4333
63.5	28	0	0.0000	100.0000	0.4333

Best Fit Curve Results
-Questar Gas Company-
Account: 378 - Measuring and Regulating Station Equipment

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
L0	41.0	156.402
L0.5	39.0	263.188
S-0.5	37.0	264.758
R0.5	36.0	383.913
O2	43.0	413.512
O1	39.0	419.312
O3	59.0	577.301
S0	36.0	583.400
L1	38.0	626.766
O4	79.0	688.266
R1	35.0	733.148
S0.5	36.0	1,275.588
L1.5	37.0	1,505.090
R1.5	35.0	1,540.176
S1	35.0	2,284.560
R2	35.0	2,803.710
L2	37.0	2,839.955
S1.5	35.0	3,622.053
R2.5	35.0	4,583.557
S2	35.0	5,298.977
L3	36.0	6,590.949
R3	35.0	6,805.704
S3	35.0	9,289.584
R4	36.0	11,871.547
L4	36.0	11,939.627
S4	36.0	15,270.907
L5	36.0	17,986.622
R5	37.0	19,375.343
S5	37.0	21,794.714
S6	38.0	28,281.391
SQ	38.0	43,466.620

Analytical Parameters

OLT Placement Band: 1939 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 1
 Maximum Life Parameter: 100
 Life Increment Parameter: 1
 Max Age (T-Cut): 42.5



OLT Placement Band: 1939 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 1
 Maximum Life Parameter: 100
 Life Increment Parameter: 1
 Max Age (T-Cut): 42.5

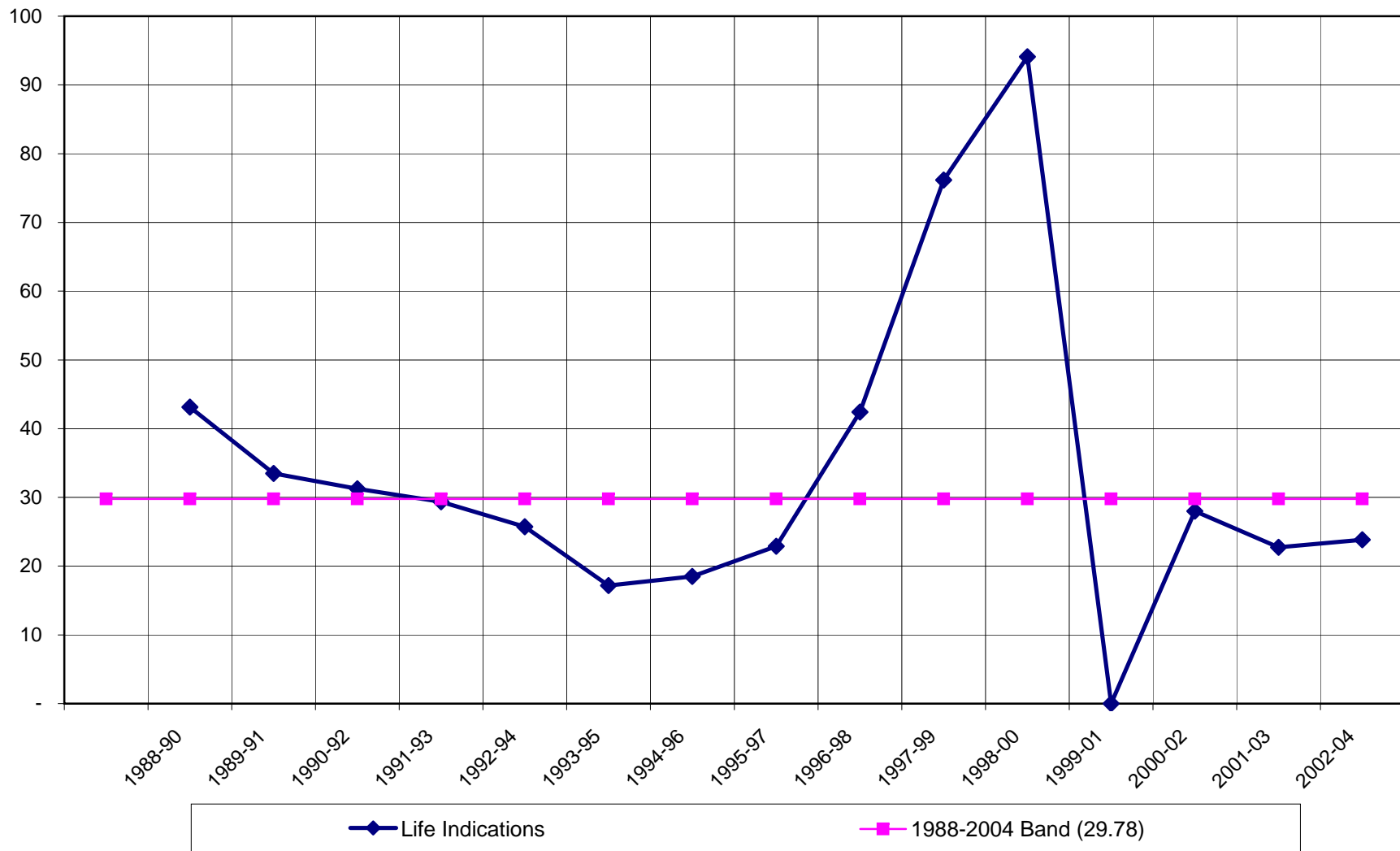
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 378 - Measuring and Regulating Equipment

Year	BOY Plant Balance <u>a</u>	Avg. Plant Balance <u>b=(a+(a+1))/2</u>	Single Year Additions <u>c</u>	Single Year Retirements <u>d</u>	Addition Ratio <u>e = c/b</u>	Retirement Ratio <u>f = d/b</u>	Geometric Mean Life Estimate <u>g = 1/sqrt(e*f)</u>	3 Year Band					Addition Ratio <u>l = j/i</u>	Retirement Ratio <u>m = k/i</u>	Geometric Mean Life Estimati <u>= 1/sqrt(l*m)</u>
								3 Year Band <u>h</u>	Avg. Plant Balance <u>i</u>	Additions <u>j</u>	Retirements <u>k</u>				
1988	4,960,611	4,960,611	-	-	-	-	-								
1989	4,960,611	5,099,044	359,098	82,233	0.07042	0.01613	29.67								
1990	5,237,476	5,319,438	280,364	116,440	0.05271	0.02189	29.44	1988-90	15,379,093	639,462	198,673	0.04158	0.01292	43.15	
1991	5,401,400	5,494,496	243,530	57,338	0.04432	0.01044	46.50	1989-91	15,912,978	882,992	256,011	0.05549	0.01609	33.47	
1992	5,587,592	5,927,086	733,578	54,590	0.12377	0.00921	29.62	1990-92	16,741,020	1,257,472	228,368	0.07511	0.01364	31.24	
1993	6,266,580	6,733,215	1,013,256	79,987	0.15049	0.01188	23.65	1991-93	18,154,797	1,990,364	191,915	0.10963	0.01057	29.37	
1994	7,199,849	7,488,801	694,546	116,643	0.09274	0.01558	26.31	1992-94	20,149,101	2,441,380	251,220	0.12117	0.01247	25.73	
1995	7,777,752	8,941,319	2,556,214	229,081	0.28589	0.02562	11.68	1993-95	23,163,334	4,264,016	425,711	0.18408	0.01838	17.19	
1996	10,104,885	10,232,238	467,145	212,439	0.04565	0.02076	32.48	1994-96	26,662,357	3,717,905	558,163	0.13944	0.02093	18.51	
1997	10,359,591	10,582,584	485,938	39,953	0.04592	0.00378	75.95	1995-97	29,756,140	3,509,297	481,473	0.11794	0.01618	22.89	
1998	10,805,576	11,300,422	1,026,977	37,286	0.09088	0.00330	57.75	1996-98	32,115,243	1,980,060	289,678	0.06165	0.00902	42.40	
1999	11,795,267	12,345,943	1,101,351	-	0.08921	-	-	1997-99	34,228,948	2,614,266	77,239	0.07638	0.00226	76.17	
2000	12,896,618	13,976,009	2,158,782	-	0.15446	-	-	1998-00	37,622,373	4,287,110	37,286	0.11395	0.00099	94.10	
2001	15,055,400	15,820,970	1,531,140	-	0.09678	-	-	1999-01	42,142,922	4,791,273	-	0.11369	-	-	
2002	16,586,540	19,453,026	6,050,606	317,634	0.31104	0.01633	14.03	2000-02	49,250,005	9,740,528	317,634	0.19778	0.00645	28.00	
2003	22,319,512	22,813,808	1,397,557	408,965	0.06126	0.01793	30.18	2001-03	58,087,804	8,979,303	726,599	0.15458	0.01251	22.74	
2004	23,308,104	23,742,393	1,046,116	177,538	0.04406	0.00748	55.09	2002-04	66,009,227	8,494,279	904,137	0.12868	0.01370	23.82	
1988-2004	180,623,364	190,231,400	21,146,198	1,930,127	0.11116	0.01015	29.78								

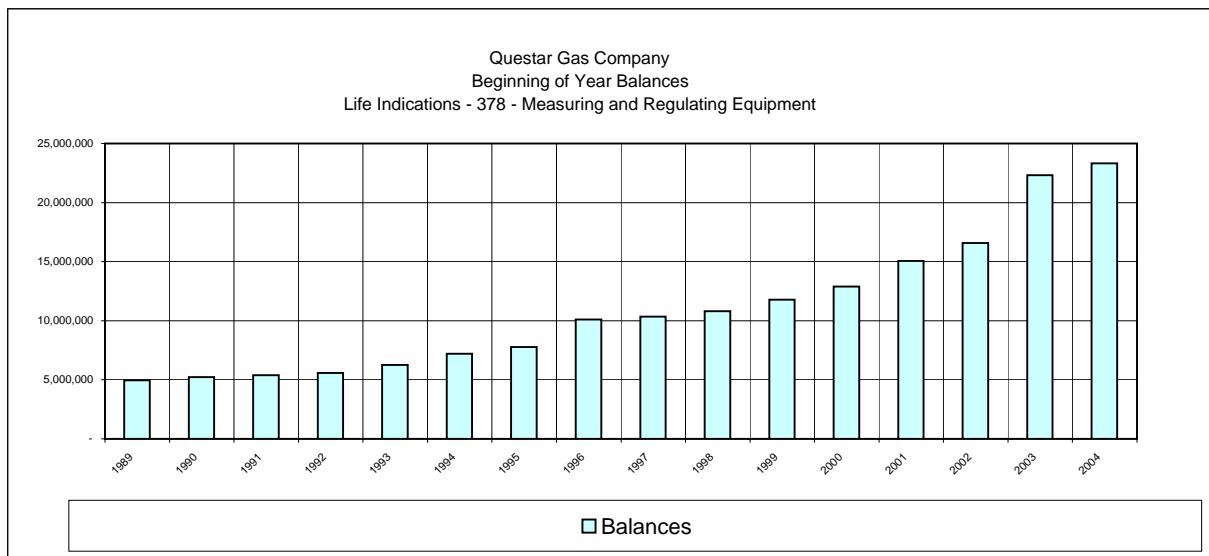
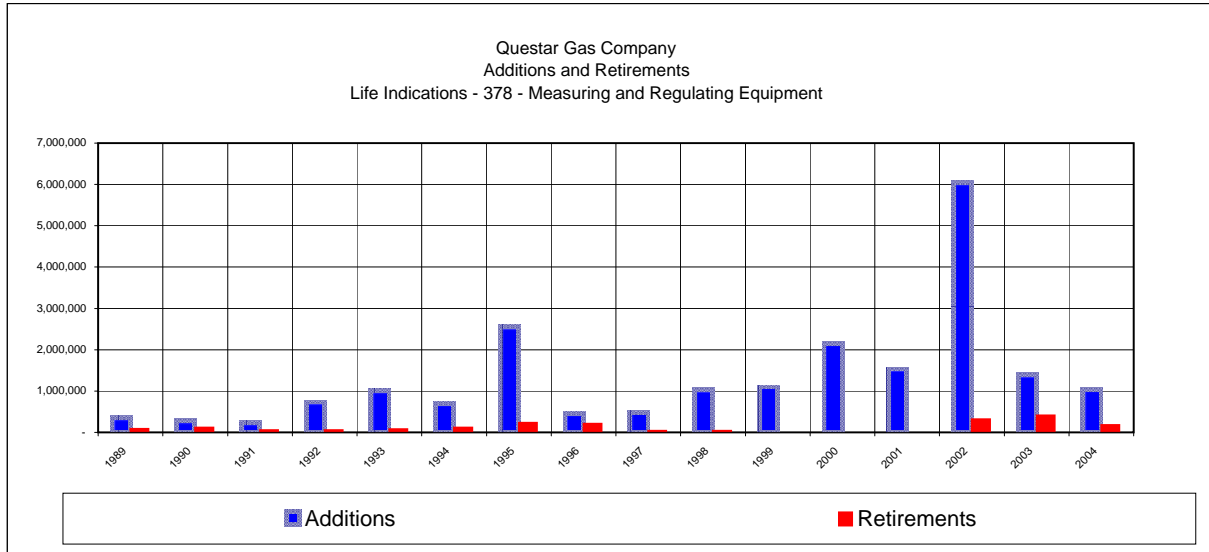
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 378 - Measuring and Regulating Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 378 - Measuring and Regulating Equipment



Observed Life Table Results
-Questar Gas Company-
Account: 380 - Services

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1929 - 2003			
0	163,539,068	142,111	0.0869	99.9131	1.0000
0.5	160,165,915	190,978	0.1192	99.8808	0.9991
1.5	152,603,151	175,641	0.1151	99.8849	0.9979
2.5	144,439,164	144,163	0.0998	99.9002	0.9968
3.5	122,780,028	309,065	0.2517	99.7483	0.9958
4.5	114,528,776	156,328	0.1365	99.8635	0.9933
5.5	100,953,377	391,511	0.3878	99.6122	0.9919
6.5	103,789,866	154,988	0.1493	99.8507	0.9881
7.5	97,936,743	97,270	0.0993	99.9007	0.9866
8.5	94,591,625	1,185,145	1.2529	98.7471	0.9856
9.5	89,116,138	98,366	0.1104	99.8896	0.9733
10.5	85,298,381	129,485	0.1518	99.8482	0.9722
11.5	80,245,115	88,794	0.1107	99.8893	0.9707
12.5	74,534,578	70,346	0.0944	99.9056	0.9697
13.5	72,237,091	74,151	0.1026	99.8974	0.9687
14.5	73,314,281	55,489	0.0757	99.9243	0.9677
15.5	68,367,487	63,210	0.0925	99.9075	0.9670
16.5	53,711,667	39,350	0.0733	99.9267	0.9661
17.5	53,047,483	52,898	0.0997	99.9003	0.9654
18.5	49,146,428	33,653	0.0685	99.9315	0.9645
19.5	46,491,146	45,958	0.0989	99.9011	0.9638
20.5	43,116,840	41,669	0.0966	99.9034	0.9628
21.5	39,752,954	43,070	0.1083	99.8917	0.9619
22.5	35,010,190	36,638	0.1046	99.8954	0.9609
23.5	31,512,150	42,588	0.1351	99.8649	0.9599
24.5	28,037,598	40,151	0.1432	99.8568	0.9586
25.5	24,803,875	55,370	0.2232	99.7768	0.9572
26.5	21,686,204	48,711	0.2246	99.7754	0.9551
27.5	22,259,717	63,807	0.2866	99.7134	0.9529
28.5	17,504,260	77,128	0.4406	99.5594	0.9502
29.5	16,937,565	64,517	0.3809	99.6191	0.9460
30.5	16,203,390	69,039	0.4261	99.5739	0.9424
31.5	15,944,650	80,738	0.5064	99.4936	0.9384
32.5	15,566,024	121,995	0.7837	99.2163	0.9336
33.5	15,112,110	64,158	0.4245	99.5755	0.9263
34.5	14,807,044	51,909	0.3506	99.6494	0.9224
35.5	14,595,613	61,707	0.4228	99.5772	0.9191
36.5	14,060,677	82,704	0.5882	99.4118	0.9153
37.5	13,465,832	79,046	0.5870	99.4130	0.9099
38.5	12,764,683	64,883	0.5083	99.4917	0.9045
39.5	11,680,163	49,053	0.4200	99.5800	0.8999
40.5	10,618,850	44,516	0.4192	99.5808	0.8961
41.5	9,893,311	45,099	0.4559	99.5441	0.8924
42.5	7,707,830	33,498	0.4346	99.5654	0.8883
43.5	7,055,337	94,865	1.3446	98.6554	0.8845
44.5	5,494,859	36,722	0.6683	99.3317	0.8726

Observed Life Table Results
-Questar Gas Company-
Account: 380 - Services

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	4,581,159	26,479	0.5780	99.4220	0.8667
46.5	3,691,864	9,412	0.2549	99.7451	0.8617
47.5	3,116,900	13,679	0.4389	99.5611	0.8595
48.5	2,400,394	1,192	0.0497	99.9503	0.8558
49.5	1,814,770	1,146	0.0631	99.9369	0.8553
50.5	1,185,999	5	0.0004	99.9996	0.8548
51.5	902,629	180	0.0199	99.9801	0.8548
52.5	672,482	112	0.0167	99.9833	0.8546
53.5	375,345	503	0.1340	99.8660	0.8545
54.5	365,491	87,312	23.8890	76.1110	0.8533
55.5	144,555	1,830	1.2660	98.7340	0.6495
56.5	76,559	4,089	5.3410	94.6590	0.6413
57.5	5,589	176	3.1490	96.8510	0.6070
58.5	5,195	129	2.4832	97.5168	0.5879
59.5	5,831	428	7.3401	92.6599	0.5733
60.5	3,718	0	0.0000	100.0000	0.5312
61.5	3,316	0	0.0000	100.0000	0.5312
62.5	3,236	0	0.0000	100.0000	0.5312
63.5	2,579	13	0.5041	99.4959	0.5312
64.5	2,459	6	0.2440	99.7560	0.5285
65.5	2,440	0	0.0000	100.0000	0.5272
66.5	2,286	0	0.0000	100.0000	0.5272
67.5	2,165	0	0.0000	100.0000	0.5272
68.5	2,165	0	0.0000	100.0000	0.5272
69.5	1,809	0	0.0000	100.0000	0.5272
70.5	1,304	0	0.0000	100.0000	0.5272
71.5	1,179	0	0.0000	100.0000	0.5272
72.5	891	262	29.4052	70.5948	0.5272
73.5	629	4	0.6359	99.3641	0.3722

Observed Life Table Results
-Questar Gas Company-
Account: 380 - Services

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	154,969,124	142,111	0.0917	99.9083	1.0000
0.5	156,530,179	190,978	0.1220	99.8780	0.9991
1.5	139,742,846	175,641	0.1257	99.8743	0.9979
2.5	139,608,904	144,163	0.1033	99.8967	0.9966
3.5	117,888,681	309,065	0.2622	99.7378	0.9956
4.5	109,680,548	156,328	0.1425	99.8575	0.9930
5.5	97,018,295	391,511	0.4035	99.5965	0.9916
6.5	99,555,175	154,988	0.1557	99.8443	0.9876
7.5	93,141,885	97,270	0.1044	99.8956	0.9860
8.5	90,498,461	1,185,145	1.3096	98.6904	0.9850
9.5	84,703,249	98,366	0.1161	99.8839	0.9721
10.5	80,800,644	129,485	0.1603	99.8397	0.9710
11.5	76,218,486	88,794	0.1165	99.8835	0.9694
12.5	71,456,859	70,346	0.0984	99.9016	0.9683
13.5	69,584,669	74,151	0.1066	99.8934	0.9673
14.5	71,205,627	55,489	0.0779	99.9221	0.9663
15.5	66,621,096	63,210	0.0949	99.9051	0.9655
16.5	52,471,906	39,350	0.0750	99.9250	0.9646
17.5	52,061,599	52,898	0.1016	99.8984	0.9639
18.5	47,959,265	33,653	0.0702	99.9298	0.9629
19.5	45,578,198	45,958	0.1008	99.8992	0.9622
20.5	42,226,508	41,669	0.0987	99.9013	0.9613
21.5	38,906,081	43,070	0.1107	99.8893	0.9603
22.5	34,149,526	36,638	0.1073	99.8927	0.9593
23.5	30,543,486	42,588	0.1394	99.8606	0.9582
24.5	26,946,003	40,151	0.1490	99.8510	0.9569
25.5	23,561,108	55,370	0.2350	99.7650	0.9555
26.5	20,786,930	48,711	0.2343	99.7657	0.9532
27.5	19,998,335	63,807	0.3191	99.6809	0.9510
28.5	16,812,215	77,128	0.4588	99.5412	0.9480
29.5	15,369,467	64,517	0.4198	99.5802	0.9436
30.5	15,184,562	69,039	0.4547	99.5453	0.9396
31.5	14,932,412	80,738	0.5407	99.4593	0.9354
32.5	14,930,307	121,995	0.8171	99.1829	0.9303
33.5	14,356,932	64,158	0.4469	99.5531	0.9227
34.5	14,162,882	51,909	0.3665	99.6335	0.9186
35.5	13,889,423	61,707	0.4443	99.5557	0.9152
36.5	13,737,082	82,704	0.6020	99.3980	0.9112
37.5	13,203,373	79,046	0.5987	99.4013	0.9057
38.5	12,415,494	64,883	0.5226	99.4774	0.9003
39.5	11,661,398	49,053	0.4206	99.5794	0.8955
40.5	10,432,698	44,516	0.4267	99.5733	0.8918
41.5	9,712,673	45,099	0.4643	99.5357	0.8880
42.5	7,630,306	33,498	0.4390	99.5610	0.8839
43.5	7,054,888	94,865	1.3447	98.6553	0.8800
44.5	5,494,727	36,722	0.6683	99.3317	0.8681

Observed Life Table Results
-Questar Gas Company-
Account: 380 - Services

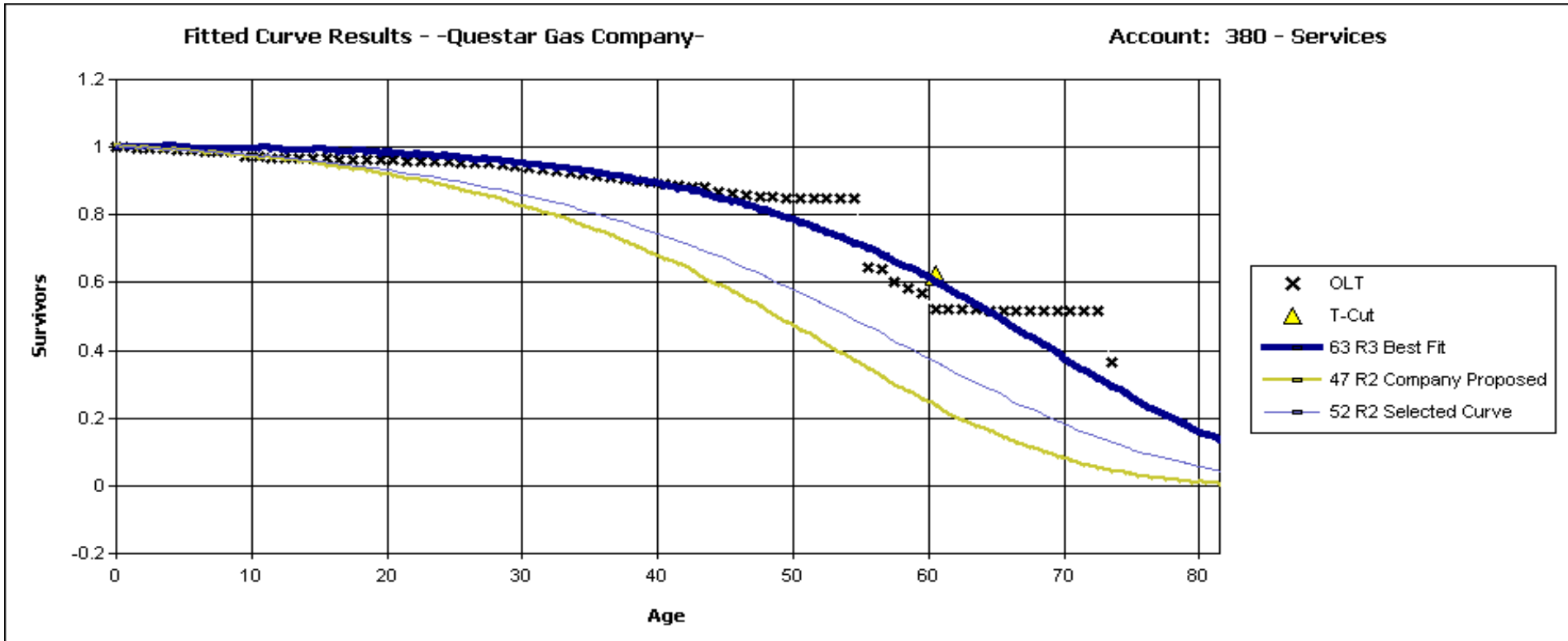
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	4,579,161	26,479	0.5783	99.4217	0.8623
46.5	3,691,561	9,412	0.2550	99.7450	0.8573
47.5	3,116,795	13,679	0.4389	99.5611	0.8552
48.5	2,399,561	1,192	0.0497	99.9503	0.8514
49.5	1,814,647	1,146	0.0632	99.9368	0.8510
50.5	1,185,980	5	0.0004	99.9996	0.8504
51.5	902,475	180	0.0199	99.9801	0.8504
52.5	672,278	112	0.0167	99.9833	0.8503
53.5	375,345	503	0.1340	99.8660	0.8501
54.5	365,051	87,312	23.9178	76.0822	0.8490
55.5	144,050	1,830	1.2704	98.7296	0.6459
56.5	76,434	4,089	5.3497	94.6503	0.6377
57.5	5,301	176	3.3201	96.6799	0.6036
58.5	4,933	129	2.6150	97.3850	0.5836
59.5	5,202	428	8.2276	91.7724	0.5683
60.5	3,718	0	0.0000	100.0000	0.5216
61.5	3,316	0	0.0000	100.0000	0.5216
62.5	3,236	0	0.0000	100.0000	0.5216
63.5	2,579	13	0.5041	99.4959	0.5216
64.5	2,459	6	0.2440	99.7560	0.5189
65.5	2,440	0	0.0000	100.0000	0.5177
66.5	2,286	0	0.0000	100.0000	0.5177
67.5	2,165	0	0.0000	100.0000	0.5177
68.5	2,165	0	0.0000	100.0000	0.5177
69.5	1,809	0	0.0000	100.0000	0.5177
70.5	1,304	0	0.0000	100.0000	0.5177
71.5	1,179	0	0.0000	100.0000	0.5177
72.5	891	262	29.4052	70.5948	0.5177
73.5	629	4	0.6359	99.3641	0.3654

Best Fit Curve Results
-Questar Gas Company-
Account: 380 - Services

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
R3	63.0	936.708
R4	61.0	996.531
L4	63.0	1,163.562
S3	63.0	1,232.384
R2.5	63.0	1,397.056
S4	61.0	1,633.166
R5	59.0	1,786.751
L5	61.0	1,830.317
S2	63.0	1,919.810
S5	60.0	2,441.511
R2	63.0	2,467.040
L3	63.0	2,637.075
S1.5	63.0	2,766.113
S6	59.0	3,640.522
S1	63.0	4,141.212
R1.5	63.0	4,235.028
S0.5	63.0	5,865.282
L2	63.0	6,260.090
R1	63.0	6,752.910
S0	63.0	8,189.791
L1.5	63.0	8,392.767
R0.5	63.0	10,810.301
L1	63.0	11,362.053
S-0.5	63.0	11,583.717
SQ	60.0	12,899.173
L0.5	63.0	14,620.661
O1	63.0	15,981.285
L0	63.0	18,634.806
O2	63.0	22,883.536
O3	63.0	47,829.537
O4	63.0	77,018.120

Analytical Parameters

OLT Placement Band: 1929 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 10
 Maximum Life Parameter: 63
 Life Increment Parameter: 1
 Max Age (T-Cut): 60.5



OLT Placement Band: 1929 - 2003
 OLT Experience Band: 1990 - 2003
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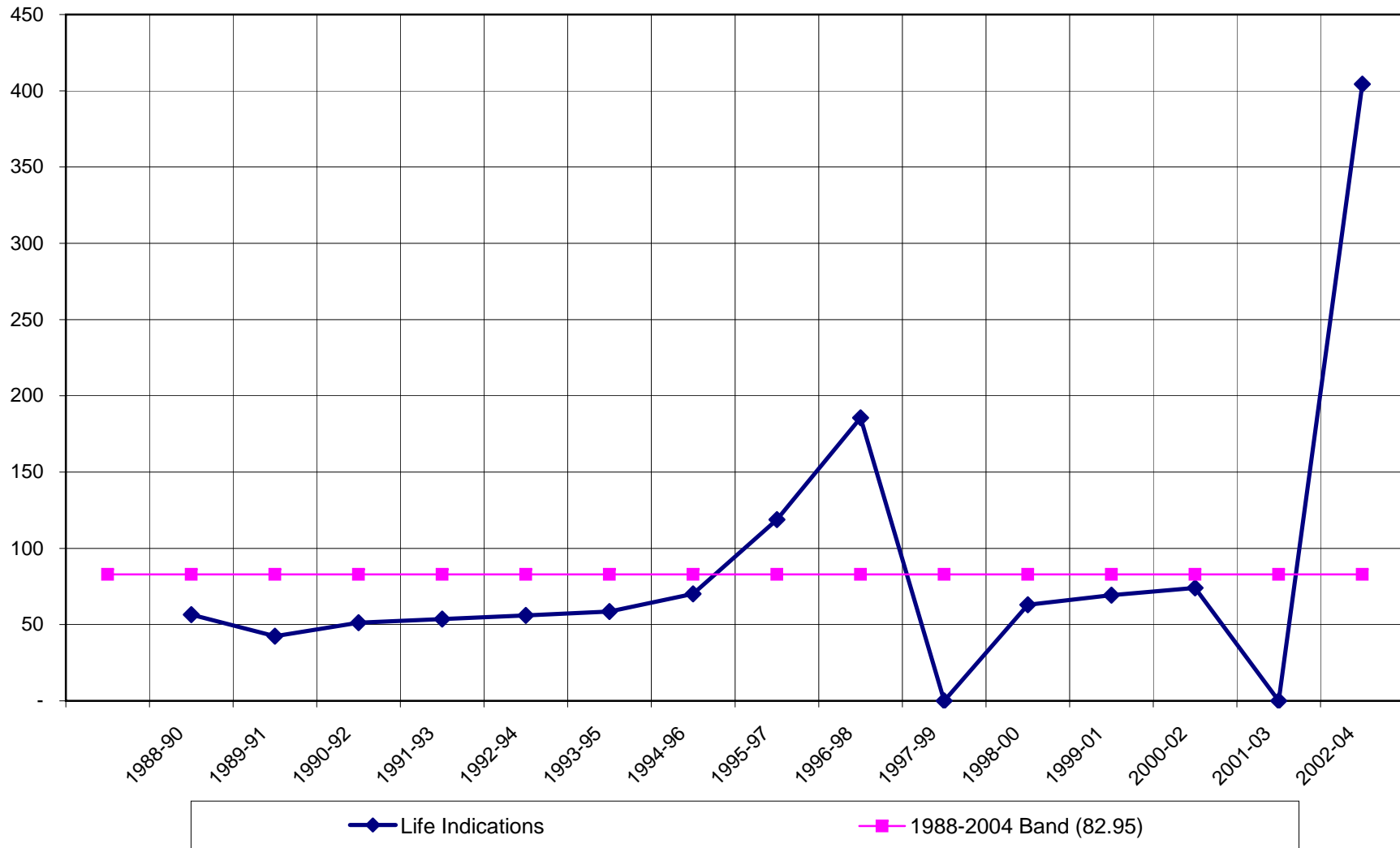
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 380 - Services

Year	BOY Plant Balance a	Avg. Plant Balance b=(a+(a+1))/2	Single Year Additions c	Single Year Retirements d	Addition Ratio e = c/b	Retirement Ratio f = d/b	Geometric Mean Life Estimate g = 1/sqrt(e*f)	3 Year Band			Addition Ratio l = j/i	Retirement Ratio m = k/i	Geometric Mean Life Estimate = 1/sqrt(l*m)		
								3 Year Band h	Avg. Plant Balance i	Additions j				Retirements k	
1988	93,622,757	93,622,757	-	-	-	-	-								
1989	93,622,757	97,332,352	8,431,453	1,012,263	0.08663	0.01040	33.32								
1990	101,041,947	104,081,567	6,846,947	767,708	0.06578	0.00738	45.40	1988-90	295,036,676	15,278,400	1,779,971	0.05178	0.00603	56.58	
1991	107,121,186	110,255,416	6,926,151	657,692	0.06282	0.00597	51.66	1989-91	311,669,334	22,204,551	2,437,663	0.07124	0.00782	42.36	
1992	113,389,645	117,748,637	9,125,171	407,188	0.07750	0.00346	61.09	1990-92	332,085,619	22,898,269	1,832,588	0.06895	0.00552	51.26	
1993	122,107,628	126,470,062	9,381,468	656,601	0.07418	0.00519	50.96	1991-93	354,474,114	25,432,790	1,721,481	0.07175	0.00486	53.57	
1994	130,832,495	135,166,052	9,256,266	589,152	0.06848	0.00436	57.88	1992-94	379,384,750	27,762,905	1,652,941	0.07318	0.00436	56.00	
1995	139,499,609	143,413,763	8,352,059	523,752	0.05824	0.00365	68.57	1993-95	405,049,876	26,989,793	1,769,505	0.06663	0.00437	58.61	
1996	147,327,916	152,409,094	10,398,741	236,386	0.06823	0.00155	97.21	1994-96	430,988,908	28,007,066	1,349,290	0.06498	0.00313	70.11	
1997	157,490,271	157,681,609	382,675	-	0.00243	-	-	1995-97	453,504,465	19,133,475	760,138	0.04219	0.00168	118.92	
1998	157,872,946	166,439,357	17,132,822	-	0.10294	-	-	1996-98	476,530,059	27,914,238	236,386	0.05858	0.00050	185.51	
1999	175,005,768	179,958,290	9,905,044	-	0.05504	-	-	1997-99	504,079,256	27,420,541	-	0.05440	-	-	
2000	184,910,812	197,369,506	26,317,388	1,400,000	0.13334	0.00709	32.52	1998-00	543,767,153	53,355,254	1,400,000	0.09812	0.00257	62.92	
2001	209,828,200	218,094,831	16,533,261	-	0.07581	-	-	1999-01	595,422,627	52,755,693	1,400,000	0.08860	0.00235	69.28	
2002	226,361,461	235,025,684	17,214,759	(113,686)	0.07325	(0.00048)	-	2000-02	650,490,020	60,065,408	1,286,314	0.09234	0.00198	74.00	
2003	243,689,906	247,985,886	8,702,875	110,916	0.03509	0.00045	252.41	2001-03	701,106,400	42,450,895	(2,770)	0.06055	(0.00000)	-	
2004	252,281,865	255,554,928	6,651,358	105,232	0.02603	0.00041	305.46	2002-04	738,566,497	32,568,992	102,462	0.04410	0.00014	404.30	
1988-2004	2,656,007,169	2,738,609,786	171,558,438	6,353,204	0.06264	0.00232	82.95								

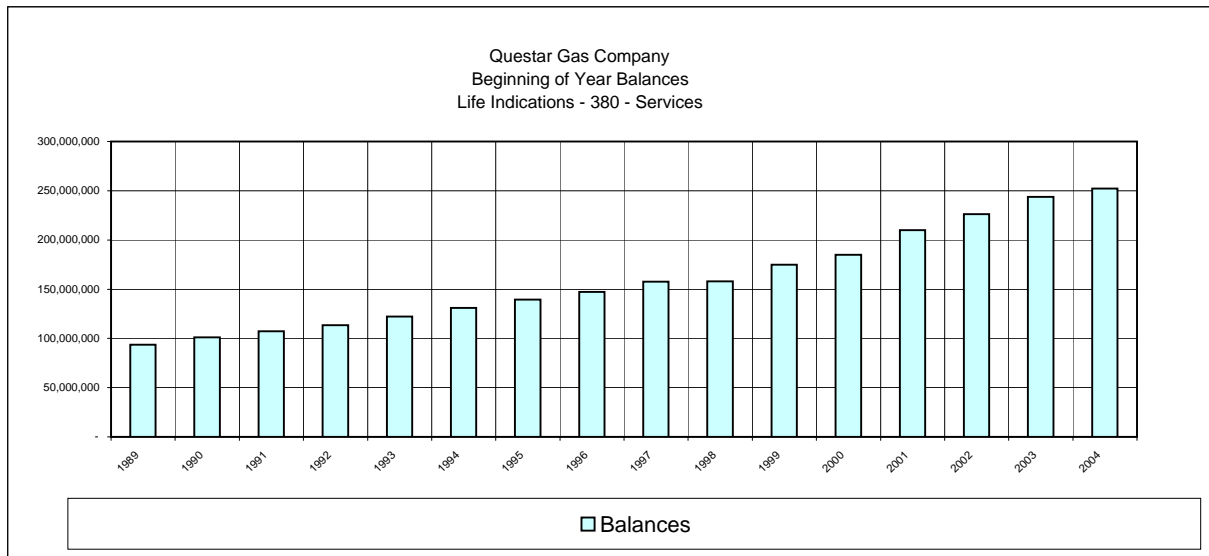
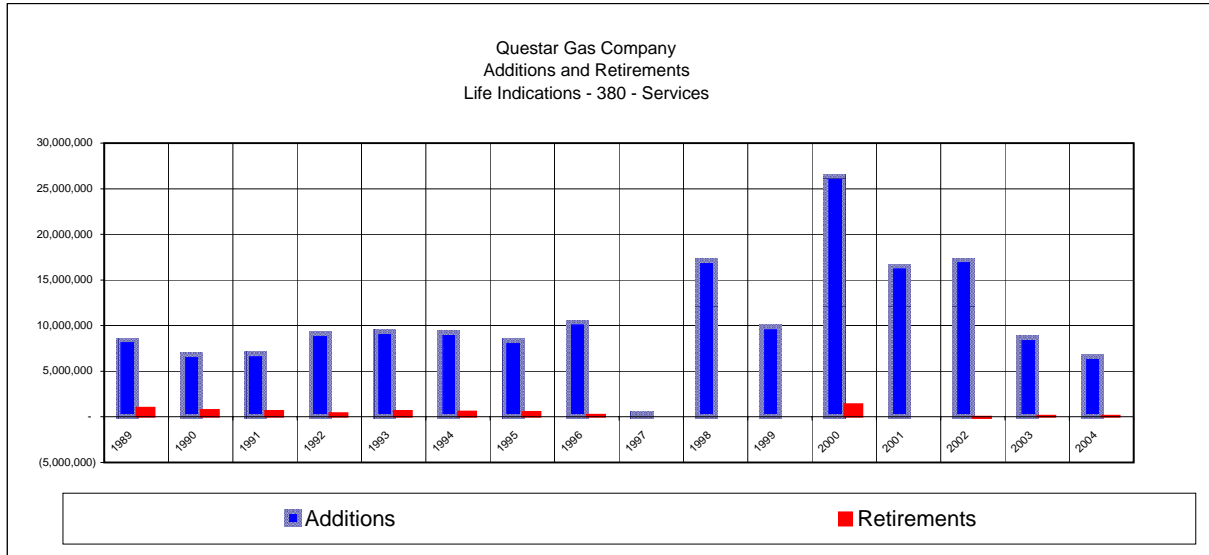
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 380 - Services



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 380 - Services



Questar Gas Company

380 - Services

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA:			52	R2		
<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
2004	0.5	6,717,791	52.00	51.55	129,188	6,659,090
2003	1.5	8,772,945	52.00	50.64	168,710	8,544,117
2002	2.5	17,317,816	52.00	49.75	333,035	16,567,351
2001	3.5	16,595,874	52.00	48.85	319,151	15,591,982
2000	4.5	26,355,432	52.00	47.97	506,835	24,311,647
1999	5.5	9,894,697	52.00	47.09	190,283	8,959,626
1998	6.5	17,069,579	52.00	46.21	328,261	15,168,828
1997	7.5	380,187	52.00	45.34	7,311	331,486
1996	8.5	10,300,131	52.00	44.47	198,079	8,809,364
1995	9.5	8,246,465	52.00	43.61	158,586	6,916,664
1994	10.5	9,108,247	52.00	42.76	175,159	7,490,015
1993	11.5	9,198,199	52.00	41.91	176,888	7,414,119
1992	12.5	8,912,709	52.00	41.07	171,398	7,039,842
1991	13.5	6,737,427	52.00	40.24	129,566	5,213,523
1990	14.5	6,631,692	52.00	39.41	127,533	5,026,095
1989	15.5	8,129,092	52.00	38.59	156,329	6,032,536
1988	16.5	4,003,686	52.00	37.77	76,994	2,908,371
1987	17.5	11,866,251	52.00	36.97	228,197	8,435,557
1986	18.5	5,012,191	52.00	36.17	96,388	3,485,898
1985	19.5	4,354,517	52.00	35.37	83,741	2,962,019
1984	20.5	4,775,486	52.00	34.58	91,836	3,176,131
1983	21.5	3,693,503	52.00	33.81	71,029	2,401,167
1982	22.5	3,922,490	52.00	33.03	75,432	2,491,822
1981	23.5	4,229,956	52.00	32.27	81,345	2,624,993
1980	24.5	3,926,395	52.00	31.51	75,508	2,379,508
1979	25.5	4,176,127	52.00	30.77	80,310	2,470,754
1978	26.5	4,193,014	52.00	30.03	80,635	2,421,068
1977	27.5	3,683,228	52.00	29.29	70,831	2,074,886
1976	28.5	2,826,097	52.00	28.57	54,348	1,552,724
1975	29.5	2,378,896	52.00	27.86	45,748	1,274,323
1974	30.5	2,063,173	52.00	27.15	39,676	1,077,184
1973	31.5	1,747,101	52.00	26.45	33,598	888,740
1972	32.5	1,468,871	52.00	25.76	28,248	727,769
1971	33.5	1,212,758	52.00	25.09	23,322	585,042
1970	34.5	1,019,834	52.00	24.42	19,612	478,844

1969	35.5	872,913	52.00	23.76	16,787	398,781
1968	36.5	750,792	52.00	23.11	14,438	333,603
1967	37.5	743,490	52.00	22.47	14,298	321,203
1966	38.5	798,344	52.00	21.83	15,353	335,225
1965	39.5	839,405	52.00	21.21	16,142	342,459
1964	40.5	805,480	52.00	20.61	15,490	319,179
1963	41.5	975,017	52.00	20.01	18,750	375,132
1962	42.5	746,798	52.00	19.42	14,362	278,880
1961	43.5	925,310	52.00	18.84	17,794	335,269
1960	44.5	1,163,797	52.00	18.27	22,381	409,006
1959	45.5	1,705,765	52.00	17.72	32,803	581,262
1958	46.5	1,218,959	52.00	17.18	23,442	402,623
1957	47.5	1,132,500	52.00	16.64	21,779	362,463
1956	48.5	806,579	52.00	16.12	15,511	250,062
1955	49.5	822,019	52.00	15.61	15,808	246,787
1954	50.5	693,872	52.00	15.11	13,344	201,663
1953	51.5	679,644	52.00	14.63	13,070	191,162
1952	52.5	408,176	52.00	14.15	7,850	111,074
1951	53.5	337,360	52.00	13.69	6,488	88,793
1950	54.5	352,279	52.00	13.23	6,775	89,654
1949	55.5	151,486	52.00	12.79	2,913	37,267
1948	56.5	213,637	52.00	12.36	4,108	50,789
1947	57.5	189,448	52.00	11.94	3,643	43,512
1946	58.5	124,164	52.00	11.53	2,388	27,542
1945	59.5	76,626	52.00	11.14	1,474	16,411
1944	60.5	65,100	52.00	10.75	1,252	13,457
1943	61.5	55,945	52.00	10.37	1,076	11,158
1942	62.5	46,790	52.00	10.00	900	9,002
1941	63.5	39,394	52.00	9.65	758	7,307
1940	64.5	33,330	52.00	9.30	641	5,958
1939	65.5	27,728	52.00	8.95	533	4,774
1938	66.5	23,108	52.00	8.62	444	3,830
1937	67.5	19,239	52.00	8.29	370	3,068
1936	68.5	15,941	52.00	7.97	307	2,444
1935	69.5	0	52.00	7.66	0	0
1934	70.5	12,034	52.00	7.35	231	1,700
1933	71.5	9,852	52.00	7.04	189	1,334
1932	72.5	7,959	52.00	6.74	153	1,032
1931	73.5	6,464	52.00	6.44	124	801
1930	74.5	5,201	52.00	6.15	100	615
1929	75.5	4,204	52.00	5.85	81	473

258,828,010

4,977,462 200,709,842

AVERAGE SERVICE LIFE 52.00
AVERAGE REMAINING LIFE 40.32

Observed Life Table Results
-Questar Gas Company-
Account: 381 - Meters

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1954 - 2003			
0	36,189,622	128	0.0004	99.9996	1.0000
0.5	39,298,052	251	0.0006	99.9994	1.0000
1.5	40,138,179	4,377,183	10.9053	89.0947	1.0000
2.5	41,561,731	27,176	0.0654	99.9346	0.8909
3.5	39,767,646	35,021	0.0881	99.9119	0.8904
4.5	35,903,716	39,535	0.1101	99.8899	0.8896
5.5	31,928,378	272,559	0.8537	99.1463	0.8886
6.5	28,198,111	539,287	1.9125	98.0875	0.8810
7.5	24,308,243	21,875	0.0900	99.9100	0.8642
8.5	20,659,478	112,644	0.5452	99.4548	0.8634
9.5	17,667,825	105,539	0.5974	99.4026	0.8587
10.5	15,011,513	86,886	0.5788	99.4212	0.8535
11.5	12,468,444	61,868	0.4962	99.5038	0.8486
12.5	10,949,607	62,545	0.5712	99.4288	0.8444
13.5	9,497,710	37,710	0.3970	99.6030	0.8396
14.5	8,586,678	8,336	0.0971	99.9029	0.8362
15.5	7,044,618	12,316	0.1748	99.8252	0.8354
16.5	5,761,580	48,449	0.8409	99.1591	0.8340
17.5	4,185,289	7,932	0.1895	99.8105	0.8270
18.5	12,713,832	10,597	0.0834	99.9166	0.8254
19.5	11,851,103	244,831	2.0659	97.9341	0.8247
20.5	11,092,750	238,210	2.1474	97.8526	0.8077
21.5	10,837,890	246,322	2.2728	97.7272	0.7903
22.5	10,595,755	333,151	3.1442	96.8558	0.7724
23.5	10,282,457	370,089	3.5992	96.4008	0.7481
24.5	9,883,136	406,600	4.1141	95.8859	0.7211
25.5	9,535,051	464,587	4.8724	95.1276	0.6915
26.5	8,975,438	0	0.0000	100.0000	0.6578
27.5	8,734,103	681,613	7.8040	92.1960	0.6578
28.5	7,972,083	539	0.0068	99.9932	0.6064
29.5	7,965,576	390	0.0049	99.9951	0.6064
30.5	7,965,452	24	0.0003	99.9997	0.6064
31.5	7,965,955	1,622,935	20.3734	79.6266	0.6064
32.5	6,343,516	6,026,701	95.0057	4.9943	0.4828
33.5	1,674	676	40.3823	59.6177	0.0241
34.5	2,254	670	29.7249	70.2751	0.0144
35.5	1,584	534	33.7121	66.2879	0.0101
36.5	1,050	203	19.3333	80.6667	0.0067
37.5	993	0	0.0000	100.0000	0.0054
38.5	993	146	14.7029	85.2971	0.0054
39.5	847	28	3.3058	96.6942	0.0046
40.5	819	582	71.0623	28.9377	0.0045
41.5	237	93	39.2405	60.7595	0.0013
42.5	144	0	0.0000	100.0000	0.0008
43.5	144	144	100.0000	0.0000	0.0008
44.5	0	0	0.0000	100.0000	0.0000

Observed Life Table Results
-Questar Gas Company-
Account: 381 - Meters

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	0	0	0.0000	100.0000	0.0000
46.5	0	0	0.0000	100.0000	0.0000
47.5	0	0	0.0000	100.0000	0.0000
48.5	0	0	0.0000	100.0000	0.0000

Observed Life Table Results
-Questar Gas Company-
Account: 381 - Meters

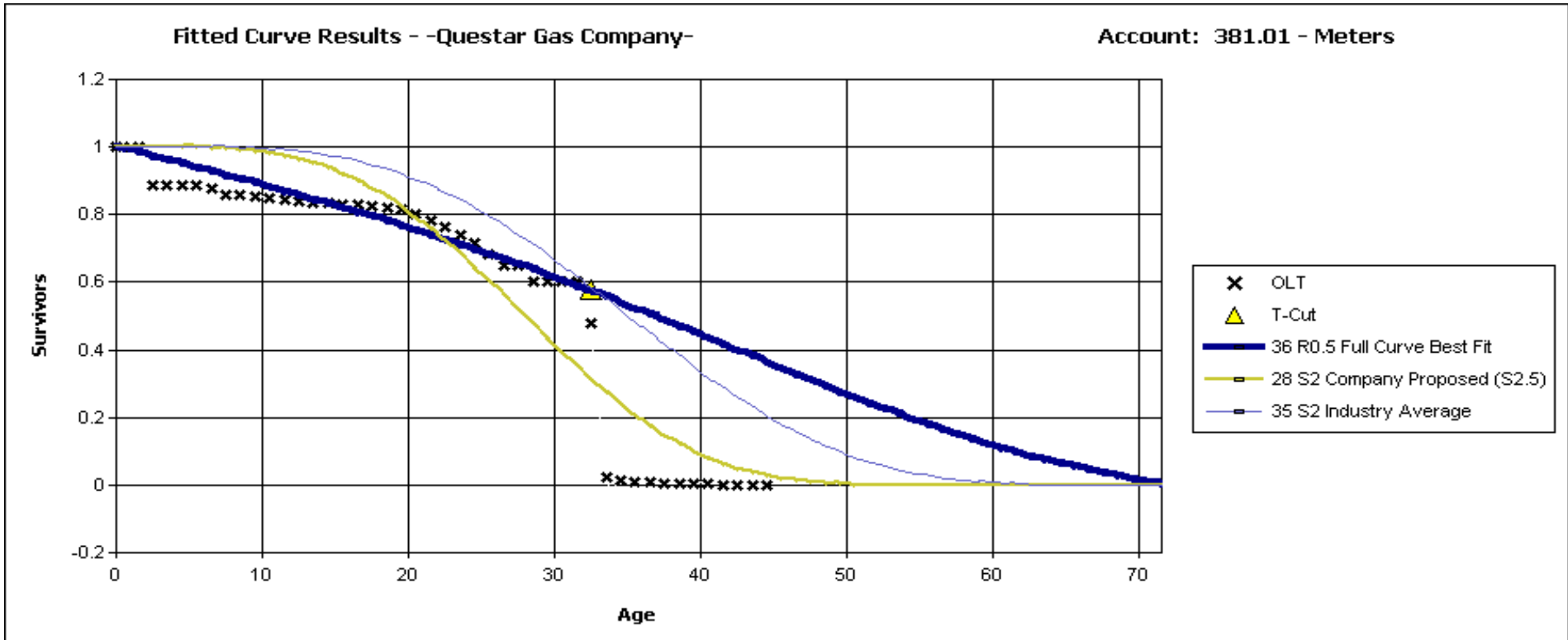
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	35,266,642	128	0.0004	99.9996	1.0000
0.5	37,716,465	251	0.0007	99.9993	1.0000
1.5	38,832,298	4,377,183	11.2720	88.7280	1.0000
2.5	39,999,435	27,176	0.0679	99.9321	0.8873
3.5	37,344,788	35,021	0.0938	99.9062	0.8867
4.5	35,019,133	39,535	0.1129	99.8871	0.8858
5.5	31,388,957	272,559	0.8683	99.1317	0.8848
6.5	28,189,727	539,287	1.9131	98.0869	0.8772
7.5	24,290,170	21,875	0.0901	99.9099	0.8604
8.5	20,659,478	112,644	0.5452	99.4548	0.8596
9.5	17,667,825	105,539	0.5974	99.4026	0.8549
10.5	15,011,513	86,886	0.5788	99.4212	0.8498
11.5	12,468,444	61,868	0.4962	99.5038	0.8449
12.5	10,628,864	62,545	0.5884	99.4116	0.8407
13.5	9,497,710	37,710	0.3970	99.6030	0.8357
14.5	8,586,678	8,336	0.0971	99.9029	0.8324
15.5	7,044,618	12,316	0.1748	99.8252	0.8316
16.5	5,761,580	48,449	0.8409	99.1591	0.8302
17.5	4,185,289	7,932	0.1895	99.8105	0.8232
18.5	1,761,748	10,597	0.6015	99.3985	0.8216
19.5	11,851,103	244,831	2.0659	97.9341	0.8167
20.5	11,092,750	238,210	2.1474	97.8526	0.7998
21.5	10,837,890	246,322	2.2728	97.7272	0.7826
22.5	10,595,755	333,151	3.1442	96.8558	0.7648
23.5	10,282,457	370,089	3.5992	96.4008	0.7408
24.5	9,883,136	406,600	4.1141	95.8859	0.7141
25.5	9,535,051	464,587	4.8724	95.1276	0.6848
26.5	8,975,438	0	0.0000	100.0000	0.6514
27.5	8,734,103	681,613	7.8040	92.1960	0.6514
28.5	7,972,083	539	0.0068	99.9932	0.6006
29.5	7,965,576	390	0.0049	99.9951	0.6005
30.5	7,965,452	24	0.0003	99.9997	0.6005
31.5	7,965,955	1,622,935	20.3734	79.6266	0.6005
32.5	6,343,516	6,026,701	95.0057	4.9943	0.4781
33.5	1,674	676	40.3823	59.6177	0.0239
34.5	2,254	670	29.7249	70.2751	0.0142
35.5	1,584	534	33.7121	66.2879	0.0100
36.5	1,050	203	19.3333	80.6667	0.0066
37.5	993	0	0.0000	100.0000	0.0053
38.5	993	146	14.7029	85.2971	0.0053
39.5	847	28	3.3058	96.6942	0.0046
40.5	819	582	71.0623	28.9377	0.0044
41.5	237	93	39.2405	60.7595	0.0013
42.5	144	0	0.0000	100.0000	0.0008
43.5	144	144	100.0000	0.0000	0.0008
44.5	0	0	0.0000	100.0000	0.0000

Best Fit Curve Results
-Questar Gas Company-
Account: 381 - Meters

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
R0.5	36.0	553.550
O1	40.0	603.509
O2	45.0	603.875
R1	33.0	612.015
S-0.5	36.0	653.799
O3	60.0	693.890
L0	41.0	758.571
R1.5	32.0	851.118
L0.5	39.0	899.033
S0	34.0	973.307
L1	37.0	1,239.842
S0.5	33.0	1,251.568
R2	31.0	1,322.506
L1.5	35.0	1,557.807
S1	32.0	1,739.040
R2.5	30.0	1,909.646
L2	34.0	2,187.740
S1.5	31.0	2,208.295
R3	30.0	2,751.706
S2	31.0	2,844.317
O4	60.0	3,066.283
L3	32.0	3,504.840
S3	31.0	4,229.948
R4	30.0	4,556.783
L4	31.0	5,217.022
S4	30.0	6,289.847
L5	31.0	7,426.467
R5	30.0	7,491.831
S5	31.0	8,807.610
S6	31.0	11,391.536
SQ	32.0	19,090.819

Analytical Parameters

OLT Placement Band: 1954 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 13
 Maximum Life Parameter: 60
 Life Increment Parameter: 1
 Max Age (T-Cut): 32.5



OLT Placement Band: 1954 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 13
 Maximum Life Parameter: 60
 Life Increment Parameter: 1
 Max Age (T-Cut): 32.5

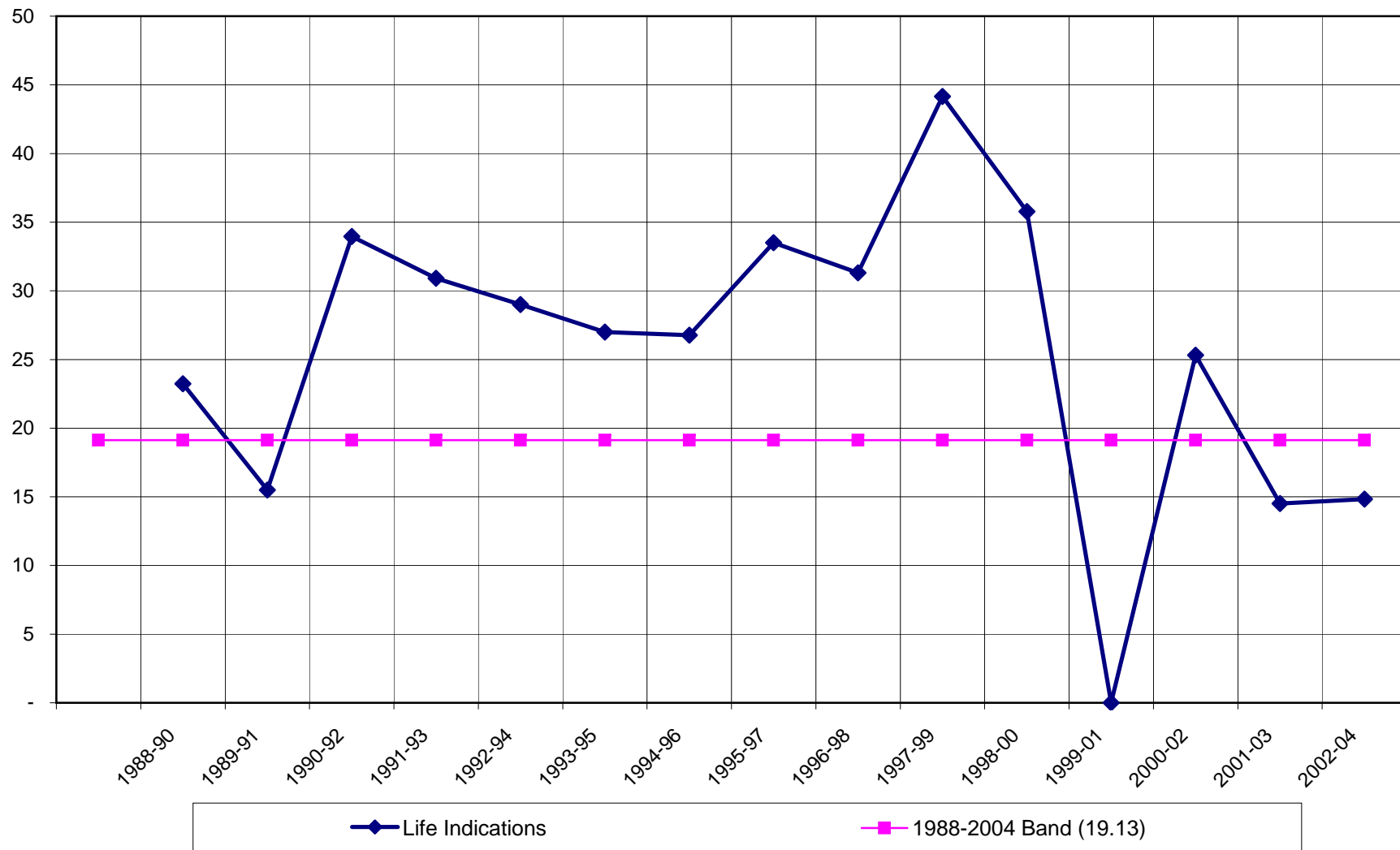
Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis

Account 381 - Meters

Year								3 Year Band							
	<u>BOY Plant Balance</u> a	<u>Avg. Plant Balance</u> b=(a+(a+1))/2	<u>Single Year Additions</u> c	<u>Single Year Retirements</u> d	<u>Addition Ratio</u> e = c/b	<u>Retirement Ratio</u> f = d/b	<u>Geometric Mean Life Estimate</u> g = 1/sqrt(e*f)	<u>3 Year Band</u> h	<u>Avg. Plant Balance</u> i	<u>Additions</u> j	<u>Retirements</u> k	<u>Addition Ratio</u> l = j/i	<u>Retirement Ratio</u> m = k/i	<u>Geometric Mean Life Estimate</u> = 1/sqrt(l*m)	
1988	24,732,365	24,732,365	-	-	-	-	-								
1989	24,732,365	22,687,988	427,778	4,516,532	0.01885	0.19907	16.32								
1990	20,643,611	21,232,662	1,411,299	233,198	0.06647	0.01098	37.01	1988-90	68,653,015	1,839,077	4,749,730	0.02679	0.06918	23.23	
1991	21,821,712	22,632,436	1,860,583	239,136	0.08221	0.01057	33.93	1989-91	66,553,085	3,699,660	4,988,866	0.05559	0.07496	15.49	
1992	23,443,159	24,578,358	2,501,360	230,963	0.10177	0.00940	32.34	1990-92	68,443,455	5,773,242	703,297	0.08435	0.01028	33.97	
1993	25,713,556	26,872,600	2,665,289	347,202	0.09918	0.01292	27.93	1991-93	74,083,393	7,027,232	817,301	0.09486	0.01103	30.91	
1994	28,031,643	29,331,999	2,975,746	375,034	0.10145	0.01279	27.77	1992-94	80,782,956	8,142,395	953,199	0.10079	0.01180	29.00	
1995	30,632,355	32,274,841	3,711,034	426,062	0.11498	0.01320	25.67	1993-95	88,479,440	9,352,069	1,148,298	0.10570	0.01298	27.00	
1996	33,917,327	35,482,530	3,607,162	476,756	0.10166	0.01344	27.06	1994-96	97,089,370	10,293,942	1,277,852	0.10603	0.01316	26.77	
1997	37,047,733	39,015,745	3,936,024	-	0.10088	-	-	1995-97	106,773,116	11,254,220	902,818	0.10540	0.00846	33.50	
1998	40,983,757	42,882,525	4,488,603	691,067	0.10467	0.01612	24.35	1996-98	117,380,800	12,031,789	1,167,823	0.10250	0.00995	31.31	
1999	44,781,293	46,705,476	3,848,366	-	0.08240	-	-	1997-99	128,603,746	12,272,993	691,067	0.09543	0.00537	44.16	
2000	48,629,659	56,531,396	15,803,473	-	0.27955	-	-	1998-00	146,119,397	24,140,442	691,067	0.16521	0.00473	35.77	
2001	64,433,132	70,078,863	11,291,462	-	0.16113	-	-	1999-01	173,315,735	30,943,301	-	0.17854	-	-	
2002	75,724,594	78,006,048	6,507,703	1,944,796	0.08343	0.02493	21.93	2000-02	204,616,306	33,602,638	1,944,796	0.16422	0.00950	25.31	
2003	80,287,501	80,093,490	7,459,169	7,847,191	0.09313	0.09798	10.47	2001-03	228,178,401	25,258,334	9,791,987	0.11070	0.04291	14.51	
2004	79,899,479	86,837,252	13,876,510	965	0.15980	0.00001	750.42	2002-04	244,936,789	27,843,382	9,792,952	0.11368	0.03998	14.83	
1988-2004	705,455,241	739,976,571	86,371,561	17,328,902	0.11672	0.02342	19.13								

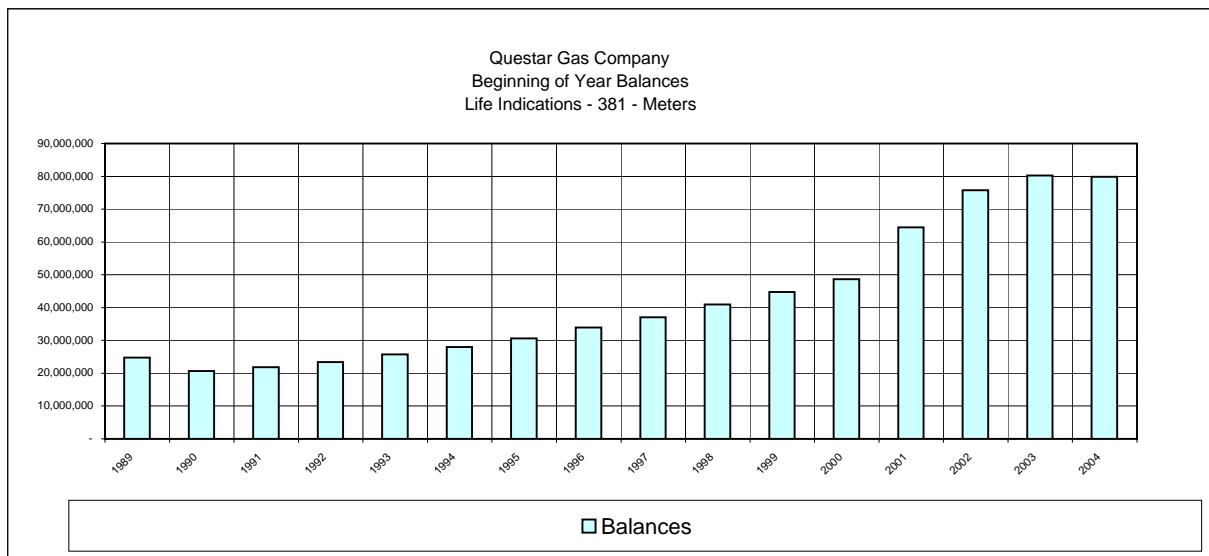
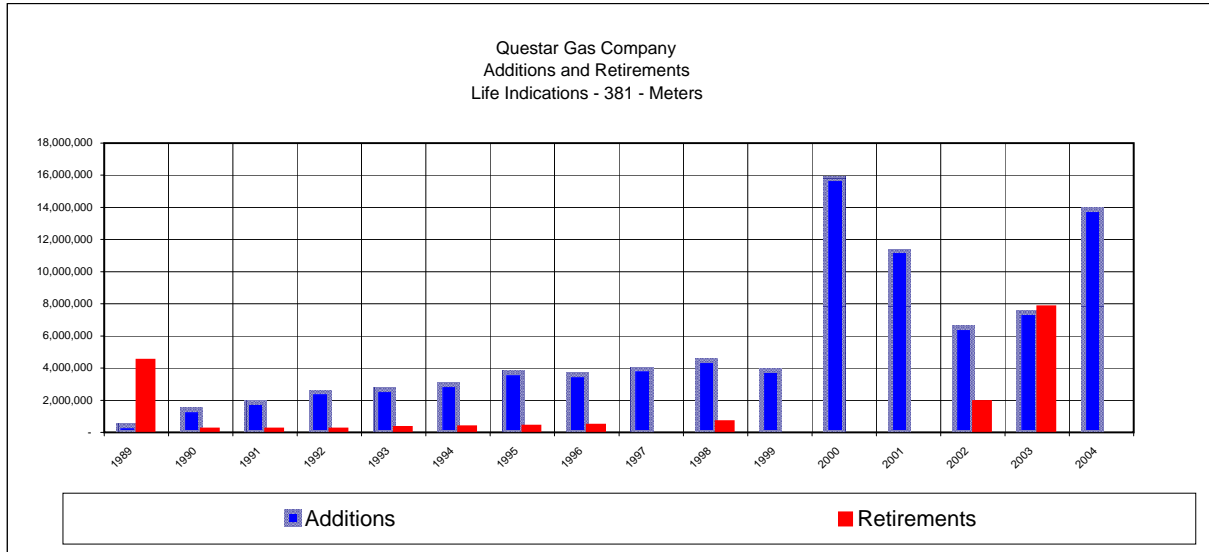
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 381 - Meters



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 381 - Meters



-Questar Gas Company-

381 - Meters

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA:			36	R0.5		
<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
2004	0.5	4,167,008	36.00	35.69	115,750	4,131,189
2003	1.5	0	36.00	35.07	0	0
2002	2.5	0	36.00	34.45	0	0
2001	3.5	0	36.00	33.84	0	0
2000	4.5	4,166,008	36.00	33.23	115,722	3,845,162
1999	5.5	4,355,889	36.00	32.62	120,997	3,946,610
1998	6.5	4,192,492	36.00	32.01	116,458	3,727,776
1997	7.5	3,641,321	36.00	31.40	101,148	3,176,435
1996	8.5	3,485,272	36.00	30.80	96,813	2,981,863
1995	9.5	3,291,859	36.00	30.20	91,441	2,761,356
1994	10.5	2,606,900	36.00	29.60	72,414	2,143,328
1993	11.5	2,297,235	36.00	29.00	63,812	1,850,549
1992	12.5	2,123,427	36.00	28.40	58,984	1,675,355
1991	13.5	1,565,977	36.00	27.81	43,499	1,209,672
1990	14.5	1,177,536	36.00	27.22	32,709	890,235
1989	15.5	753,745	36.00	26.63	20,937	557,490
1988	16.5	1,258,480	36.00	26.04	34,958	910,281
1987	17.5	1,028,511	36.00	25.46	28,570	727,256
1986	18.5	1,229,264	36.00	24.87	34,146	849,381
1985	19.5	1,849,653	36.00	24.30	51,379	1,248,407
1984	20.5	661,814	36.00	23.73	18,384	436,155
1983	21.5	399,131	36.00	23.16	11,087	256,737
1982	22.5	6,121	36.00	22.59	170	3,841
1981	23.5	13,647	36.00	22.03	379	8,353
1980	24.5	381	36.00	21.48	11	227
1979	25.5	0	36.00	20.93	0	0
1978	26.5	310	36.00	20.39	9	175
1977	27.5	0	36.00	19.85	0	0
1976	28.5	203,803	36.00	19.32	5,661	109,393
1975	29.5	0	36.00	18.80	0	0
1974	30.5	1,079	36.00	18.28	30	548
1973	31.5	0	36.00	17.77	0	0
1972	32.5	64	36.00	17.26	2	31
1971	33.5	0	36.00	16.77	0	0
1970	34.5	5,843,746	36.00	16.27	162,326	2,641,535

-Questar Gas Company-

381 - Meters

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA: 36 R0.5

<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
1969	35.5	0	36.00	15.79	0	0
1968	36.5	0	36.00	15.31	0	0
1967	37.5	0	36.00	14.83	0	0
1966	38.5	0	36.00	14.37	0	0
1965	39.5	188	36.00	13.91	5	73
1964	40.5	163	36.00	13.45	5	61
1963	41.5	65	36.00	13.00	2	23
1962	42.5	843	36.00	12.56	23	294
1961	43.5	127	36.00	12.12	4	43
1960	44.5	205	36.00	11.69	6	67
1959	45.5	317	36.00	11.27	9	99
1958	46.5	0	36.00	10.84	0	0
1957	47.5	227	36.00	10.43	6	66
1956	48.5	0	36.00	10.01	0	0
1955	49.5	0	36.00	9.60	0	0
1954	50.5	38	36.00	9.20	1	10
		50,322,843			1,397,857	40,090,076
AVERAGE SERVICE LIFE						36.00
AVERAGE REMAINING LIFE						28.68

Observed Life Table Results
-Questar Gas Company-
Account: 381.11 - Meters - Telemetry Equipment

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1975 - 2003			
0	56,994	0	0.0000	100.0000	1.0000
0.5	52,474	0	0.0000	100.0000	1.0000
1.5	50,147	0	0.0000	100.0000	1.0000
2.5	50,147	0	0.0000	100.0000	1.0000
3.5	51,223	0	0.0000	100.0000	1.0000
4.5	53,677	0	0.0000	100.0000	1.0000
5.5	53,677	0	0.0000	100.0000	1.0000
6.5	77,774	0	0.0000	100.0000	1.0000
7.5	75,320	0	0.0000	100.0000	1.0000
8.5	75,320	0	0.0000	100.0000	1.0000
9.5	50,795	0	0.0000	100.0000	1.0000
10.5	41,323	0	0.0000	100.0000	1.0000
11.5	25,173	0	0.0000	100.0000	1.0000
12.5	48,779	0	0.0000	100.0000	1.0000
13.5	132,666	0	0.0000	100.0000	1.0000
14.5	113,477	0	0.0000	100.0000	1.0000
15.5	171,285	0	0.0000	100.0000	1.0000
16.5	113,477	0	0.0000	100.0000	1.0000
17.5	113,477	11,867	10.4576	89.5424	1.0000
18.5	100,534	0	0.0000	100.0000	0.8954
19.5	95,626	2,639	2.7597	97.2403	0.8954
20.5	92,987	0	0.0000	100.0000	0.8707
21.5	92,987	0	0.0000	100.0000	0.8707
22.5	92,987	0	0.0000	100.0000	0.8707
23.5	126,077	0	0.0000	100.0000	0.8707
24.5	126,077	0	0.0000	100.0000	0.8707
25.5	126,077	0	0.0000	100.0000	0.8707
26.5	126,077	0	0.0000	100.0000	0.8707
27.5	124,114	5,183	4.1760	95.8240	0.8707

Observed Life Table Results
-Questar Gas Company-
Account: 381.11 - Meters - Telemetry Equipment

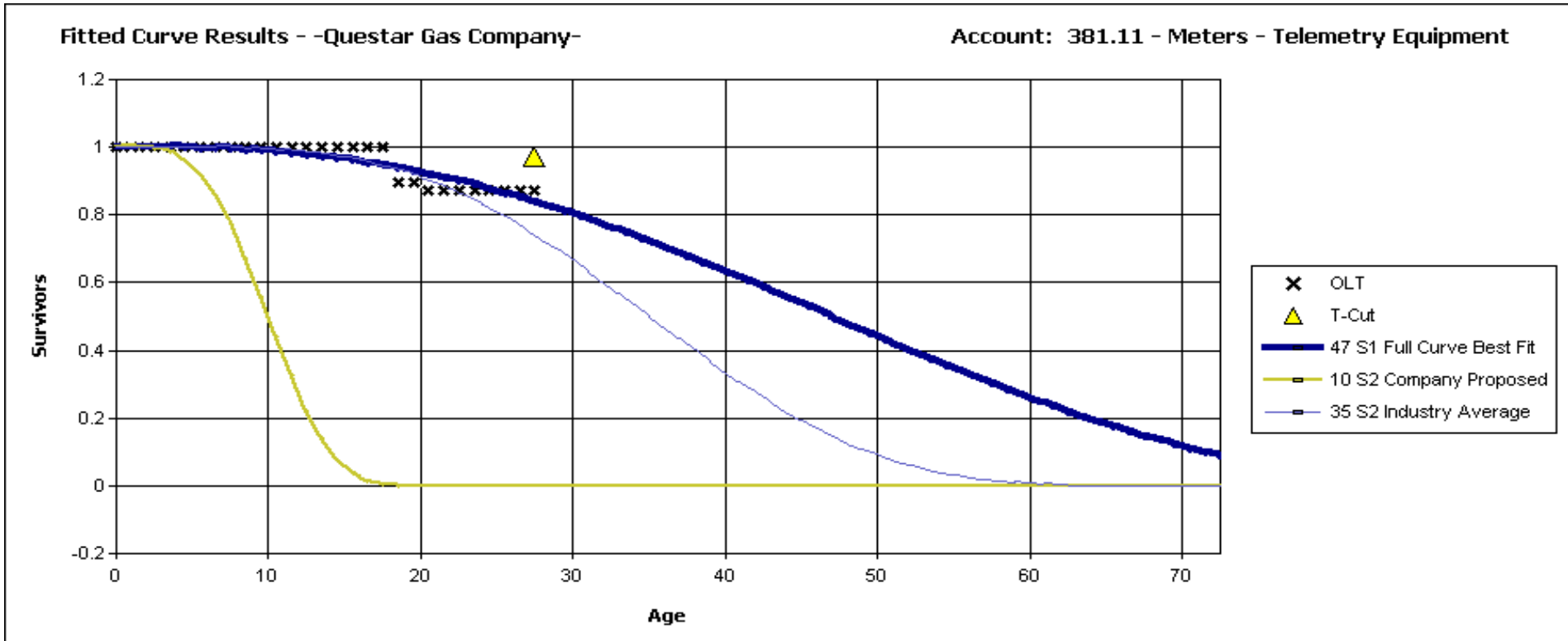
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	56,994	0	0.0000	100.0000	1.0000
0.5	52,474	0	0.0000	100.0000	1.0000
1.5	50,147	0	0.0000	100.0000	1.0000
2.5	50,147	0	0.0000	100.0000	1.0000
3.5	50,147	0	0.0000	100.0000	1.0000
4.5	51,223	0	0.0000	100.0000	1.0000
5.5	53,677	0	0.0000	100.0000	1.0000
6.5	56,131	0	0.0000	100.0000	1.0000
7.5	75,320	0	0.0000	100.0000	1.0000
8.5	75,320	0	0.0000	100.0000	1.0000
9.5	50,795	0	0.0000	100.0000	1.0000
10.5	41,323	0	0.0000	100.0000	1.0000
11.5	25,173	0	0.0000	100.0000	1.0000
12.5	46,816	0	0.0000	100.0000	1.0000
13.5	27,136	0	0.0000	100.0000	1.0000
14.5	113,477	0	0.0000	100.0000	1.0000
15.5	171,285	0	0.0000	100.0000	1.0000
16.5	113,477	0	0.0000	100.0000	1.0000
17.5	113,477	11,867	10.4576	89.5424	1.0000
18.5	100,534	0	0.0000	100.0000	0.8954
19.5	95,626	2,639	2.7597	97.2403	0.8954
20.5	92,987	0	0.0000	100.0000	0.8707
21.5	92,987	0	0.0000	100.0000	0.8707
22.5	92,987	0	0.0000	100.0000	0.8707
23.5	126,077	0	0.0000	100.0000	0.8707
24.5	126,077	0	0.0000	100.0000	0.8707
25.5	126,077	0	0.0000	100.0000	0.8707
26.5	126,077	0	0.0000	100.0000	0.8707
27.5	124,114	5,183	4.1760	95.8240	0.8707

Best Fit Curve Results
-Questar Gas Company-
Account: 381.11 - Meters - Telemetry Equipment

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
S1	47.0	193.605
S1.5	42.0	197.788
L2	46.0	213.273
L1.5	52.0	214.738
R3	37.0	215.730
S2	39.0	221.049
S0.5	54.0	230.008
L1	60.0	230.601
R2.5	41.0	239.264
R2	48.0	276.896
S0	60.0	277.261
L3	38.0	283.597
R4	33.0	308.416
R1.5	59.0	343.486
S3	35.0	350.401
L4	34.0	396.051
R1	60.0	496.137
L0.5	60.0	521.918
S4	32.0	626.779
R5	31.0	669.007
L5	31.0	687.467
S-0.5	60.0	786.740
S5	30.0	939.715
R0.5	60.0	998.688
S6	29.0	1,186.298
L0	60.0	1,197.364
SQ	28.0	1,555.941
O1	60.0	1,836.291
O2	60.0	2,579.144
O3	60.0	6,819.567
O4	60.0	13,942.391

Analytical Parameters

OLT Placement Band: 1975 - 2003
OLT Experience Band: 1990 - 2003
Minimum Life Parameter: 13
Maximum Life Parameter: 60
Life Increment Parameter: 1
Max Age (T-Cut): 27.5



OLT Placement Band: 1954 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 13
 Maximum Life Parameter: 60
 Life Increment Parameter: 1
 Max Age (T-Cut): 32.5

-Questar Gas Company-

381.21 - Meters - Transponders

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA: 15 S2						
<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
2004	0.5	9,673,381	15.00	14.50	644,892	9,350,518
2003	1.5	7,510,794	15.00	13.50	500,720	6,759,782
2002	2.5	6,631,837	15.00	12.51	442,122	5,529,494
2001	3.5	8,812,984	15.00	11.53	587,532	6,773,819
2000	4.5	10,688,066	15.00	10.58	712,538	7,539,171
		43,317,062			2,887,804	35,952,784
AVERAGE SERVICE LIFE						15.00
AVERAGE REMAINING LIFE						12.45

Observed Life Table Results
-Questar Gas Company-
Account: 382 - Meter Installations

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1930 - 2003			
0	47,831,668	0	0.0000	100.0000	1.0000
0.5	39,868,023	20,540	0.0515	99.9485	1.0000
1.5	25,136,048	2,528	0.0101	99.9899	0.9995
2.5	25,946,757	87,581	0.3375	99.6625	0.9994
3.5	21,540,706	24,036	0.1116	99.8884	0.9960
4.5	22,630,387	6,098	0.0269	99.9731	0.9949
5.5	22,104,387	6,029	0.0273	99.9727	0.9946
6.5	21,188,299	14,510	0.0685	99.9315	0.9944
7.5	20,275,354	27,183	0.1341	99.8659	0.9937
8.5	19,680,740	4,805	0.0244	99.9756	0.9923
9.5	18,634,446	2,903	0.0156	99.9844	0.9921
10.5	17,789,829	1,888	0.0106	99.9894	0.9920
11.5	17,297,809	3,625	0.0210	99.9790	0.9918
12.5	16,991,797	7,783	0.0458	99.9542	0.9916
13.5	16,323,561	6,236	0.0382	99.9618	0.9912
14.5	15,934,211	3,002	0.0188	99.9812	0.9908
15.5	15,420,150	53,746	0.3485	99.6515	0.9906
16.5	14,466,547	35,678	0.2466	99.7534	0.9872
17.5	13,693,753	13,705	0.1001	99.8999	0.9847
18.5	12,624,870	16,305	0.1291	99.8709	0.9837
19.5	11,729,230	12,015	0.1024	99.8976	0.9825
20.5	11,097,557	9,886	0.0891	99.9109	0.9815
21.5	10,251,460	3,273	0.0319	99.9681	0.9806
22.5	8,957,694	4,672	0.0522	99.9478	0.9803
23.5	8,133,566	1,628	0.0200	99.9800	0.9798
24.5	7,165,167	2,912	0.0406	99.9594	0.9796
25.5	6,344,772	390	0.0061	99.9939	0.9792
26.5	5,656,027	82,779	1.4636	98.5364	0.9791
27.5	5,028,750	24,200	0.4812	99.5188	0.9648
28.5	4,270,084	4,760	0.1115	99.8885	0.9601
29.5	4,057,224	3,387	0.0835	99.9165	0.9591
30.5	3,911,205	3,265	0.0835	99.9165	0.9583
31.5	3,700,629	4,584	0.1239	99.8761	0.9575
32.5	3,593,719	249,143	6.9327	93.0673	0.9563
33.5	3,534,837	267,826	7.5768	92.4232	0.8900
34.5	3,463,001	202,513	5.8479	94.1521	0.8226
35.5	3,292,929	231,790	7.0390	92.9610	0.7745
36.5	3,086,643	205,744	6.6656	93.3344	0.7199
37.5	2,965,925	246,825	8.3220	91.6780	0.6720
38.5	2,657,234	203,621	7.6629	92.3371	0.6160
39.5	2,419,760	248,458	10.2679	89.7321	0.5688
40.5	2,152,454	215,322	10.0036	89.9964	0.5104
41.5	1,916,144	201,780	10.5305	89.4695	0.4594
42.5	1,692,122	178,331	10.5389	89.4611	0.4110
43.5	1,488,042	245,004	16.4649	83.5351	0.3677
44.5	1,200,992	413,234	34.4077	65.5923	0.3071

Observed Life Table Results
-Questar Gas Company-
Account: 382 - Meter Installations

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	741,287	173,277	23.3752	76.6248	0.2015
46.5	547,723	178,908	32.6640	67.3360	0.1544
47.5	351,153	251,155	71.5230	28.4770	0.1039
48.5	96,634	32,821	33.9642	66.0358	0.0296
49.5	47,899	0	0.0000	100.0000	0.0195
50.5	10,284	0	0.0000	100.0000	0.0195
51.5	7,328	7	0.0955	99.9045	0.0195
52.5	11,228	0	0.0000	100.0000	0.0195
53.5	19,507	1,290	6.6130	93.3870	0.0195
54.5	16,498	0	0.0000	100.0000	0.0182
55.5	22,465	0	0.0000	100.0000	0.0182
56.5	16,533	0	0.0000	100.0000	0.0182
57.5	17,642	0	0.0000	100.0000	0.0182
58.5	24,730	0	0.0000	100.0000	0.0182
59.5	24,024	0	0.0000	100.0000	0.0182
60.5	28,333	0	0.0000	100.0000	0.0182
61.5	22,733	568	2.4986	97.5014	0.0182
62.5	22,065	1,070	4.8493	95.1507	0.0178
63.5	20,292	0	0.0000	100.0000	0.0169
64.5	19,894	0	0.0000	100.0000	0.0169
65.5	19,767	11	0.0556	99.9444	0.0169
66.5	18,161	0	0.0000	100.0000	0.0169
67.5	14,788	0	0.0000	100.0000	0.0169
68.5	7,122	0	0.0000	100.0000	0.0169
69.5	7,030	0	0.0000	100.0000	0.0169
70.5	6,856	0	0.0000	100.0000	0.0169
71.5	5,154	0	0.0000	100.0000	0.0169
72.5	4,472	0	0.0000	100.0000	0.0169

Observed Life Table Results
-Questar Gas Company-
Account: 382 - Meter Installations

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	46,447,959	0	0.0000	100.0000	1.0000
0.5	38,897,344	20,540	0.0528	99.9472	1.0000
1.5	23,804,335	2,528	0.0106	99.9894	0.9995
2.5	24,901,128	87,581	0.3517	99.6483	0.9994
3.5	20,230,332	24,036	0.1188	99.8812	0.9959
4.5	21,511,754	6,098	0.0283	99.9717	0.9947
5.5	21,016,650	6,029	0.0287	99.9713	0.9944
6.5	20,311,484	14,510	0.0714	99.9286	0.9941
7.5	19,355,166	27,183	0.1404	99.8596	0.9934
8.5	18,664,662	4,805	0.0257	99.9743	0.9920
9.5	17,637,798	2,903	0.0165	99.9835	0.9917
10.5	16,808,780	1,888	0.0112	99.9888	0.9916
11.5	16,483,237	3,625	0.0220	99.9780	0.9915
12.5	16,296,171	7,783	0.0478	99.9522	0.9912
13.5	15,778,471	6,236	0.0395	99.9605	0.9908
14.5	15,400,850	3,002	0.0195	99.9805	0.9904
15.5	14,893,863	53,746	0.3609	99.6391	0.9902
16.5	14,071,896	35,678	0.2535	99.7465	0.9866
17.5	13,410,210	13,705	0.1022	99.8978	0.9841
18.5	12,374,167	16,305	0.1318	99.8682	0.9831
19.5	11,471,125	12,015	0.1047	99.8953	0.9818
20.5	10,903,521	9,886	0.0907	99.9093	0.9808
21.5	10,052,362	3,273	0.0326	99.9674	0.9799
22.5	8,765,880	4,672	0.0533	99.9467	0.9796
23.5	7,897,026	1,628	0.0206	99.9794	0.9791
24.5	6,950,219	2,912	0.0419	99.9581	0.9789
25.5	6,097,785	390	0.0064	99.9936	0.9784
26.5	5,444,019	82,779	1.5205	98.4795	0.9784
27.5	4,817,859	24,200	0.5023	99.4977	0.9635
28.5	4,076,306	4,760	0.1168	99.8832	0.9587
29.5	3,788,656	3,387	0.0894	99.9106	0.9575
30.5	3,514,783	3,265	0.0929	99.9071	0.9567
31.5	3,505,558	4,584	0.1308	99.8692	0.9558
32.5	3,396,768	249,143	7.3347	92.6653	0.9545
33.5	3,340,396	267,826	8.0178	91.9822	0.8845
34.5	3,270,059	202,513	6.1929	93.8071	0.8136
35.5	3,248,653	231,790	7.1350	92.8650	0.7632
36.5	3,082,386	205,744	6.6748	93.3252	0.7088
37.5	2,965,433	246,825	8.3234	91.6766	0.6615
38.5	2,656,367	203,621	7.6654	92.3346	0.6064
39.5	2,419,438	248,458	10.2692	89.7308	0.5599
40.5	2,150,698	215,322	10.0117	89.9883	0.5024
41.5	1,915,994	201,780	10.5313	89.4687	0.4521
42.5	1,691,895	178,331	10.5403	89.4597	0.4045
43.5	1,488,026	245,004	16.4650	83.5350	0.3619
44.5	1,200,885	413,234	34.4108	65.5892	0.3023

Observed Life Table Results
-Questar Gas Company-
Account: 382 - Meter Installations

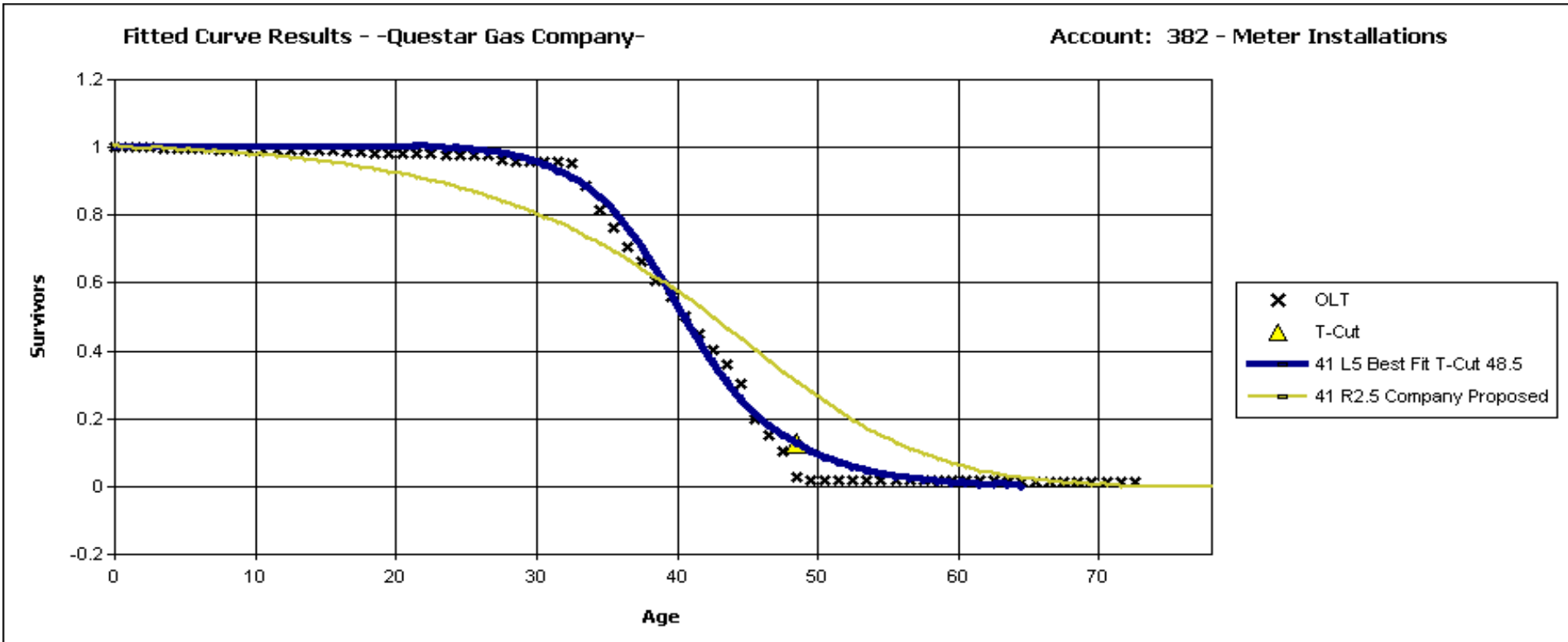
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	741,123	173,277	23.3803	76.6197	0.1983
46.5	547,699	178,908	32.6654	67.3346	0.1519
47.5	351,087	251,155	71.5364	28.4636	0.1023
48.5	95,931	32,821	34.2131	65.7869	0.0291
49.5	47,501	0	0.0000	100.0000	0.0192
50.5	10,150	0	0.0000	100.0000	0.0192
51.5	5,722	7	0.1223	99.8777	0.0192
52.5	6,565	0	0.0000	100.0000	0.0191
53.5	11,841	1,290	10.8944	89.1056	0.0191
54.5	16,406	0	0.0000	100.0000	0.0170
55.5	22,291	0	0.0000	100.0000	0.0170
56.5	14,831	0	0.0000	100.0000	0.0170
57.5	16,392	0	0.0000	100.0000	0.0170
58.5	19,154	0	0.0000	100.0000	0.0170
59.5	24,024	0	0.0000	100.0000	0.0170
60.5	28,333	0	0.0000	100.0000	0.0170
61.5	22,733	568	2.4986	97.5014	0.0170
62.5	22,065	1,070	4.8493	95.1507	0.0166
63.5	20,292	0	0.0000	100.0000	0.0158
64.5	19,894	0	0.0000	100.0000	0.0158
65.5	19,767	11	0.0556	99.9444	0.0158
66.5	18,161	0	0.0000	100.0000	0.0158
67.5	14,788	0	0.0000	100.0000	0.0158
68.5	7,122	0	0.0000	100.0000	0.0158
69.5	7,030	0	0.0000	100.0000	0.0158
70.5	6,856	0	0.0000	100.0000	0.0158
71.5	5,154	0	0.0000	100.0000	0.0158
72.5	4,472	0	0.0000	100.0000	0.0158

Best Fit Curve Results
-Questar Gas Company-
Account: 382 - Meter Installations

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
L5	41.0	370.469
R5	40.0	457.102
S4	40.0	468.402
S5	41.0	783.294
R4	40.0	902.274
L4	41.0	1,124.282
S3	41.0	2,245.135
R3	40.0	3,191.807
S6	41.0	3,354.541
L3	43.0	3,835.809
S2	41.0	4,869.501
R2.5	40.0	5,024.662
S1.5	42.0	6,566.874
R2	40.0	7,357.912
L2	45.0	7,660.130
S1	42.0	8,516.768
L1.5	47.0	9,859.708
R1.5	40.0	9,972.362
S0.5	43.0	10,568.479
L1	49.0	12,387.410
S0	45.0	12,861.780
R1	42.0	12,922.392
L0.5	51.0	14,349.612
S-0.5	47.0	15,753.152
SQ	41.0	15,793.640
R0.5	45.0	16,147.651
L0	55.0	16,474.135
O2	58.0	18,835.526
O1	52.0	18,838.396
O3	63.0	23,369.542
O4	63.0	35,452.509

Analytical Parameters

OLT Placement Band: 1930 - 2003
 OLT Experience Band 1990 - 2003
 Minimum Life Paramet 9
 Maximum Life Parame 63
 Life Increment Parame 1
 Max Age (T-Cut): 48.5



OLT Placement Band: 1930 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 9
 Maximum Life Parameter: 63
 Life Increment Parameter: 1
 Max Age (T-Cut): 48.5

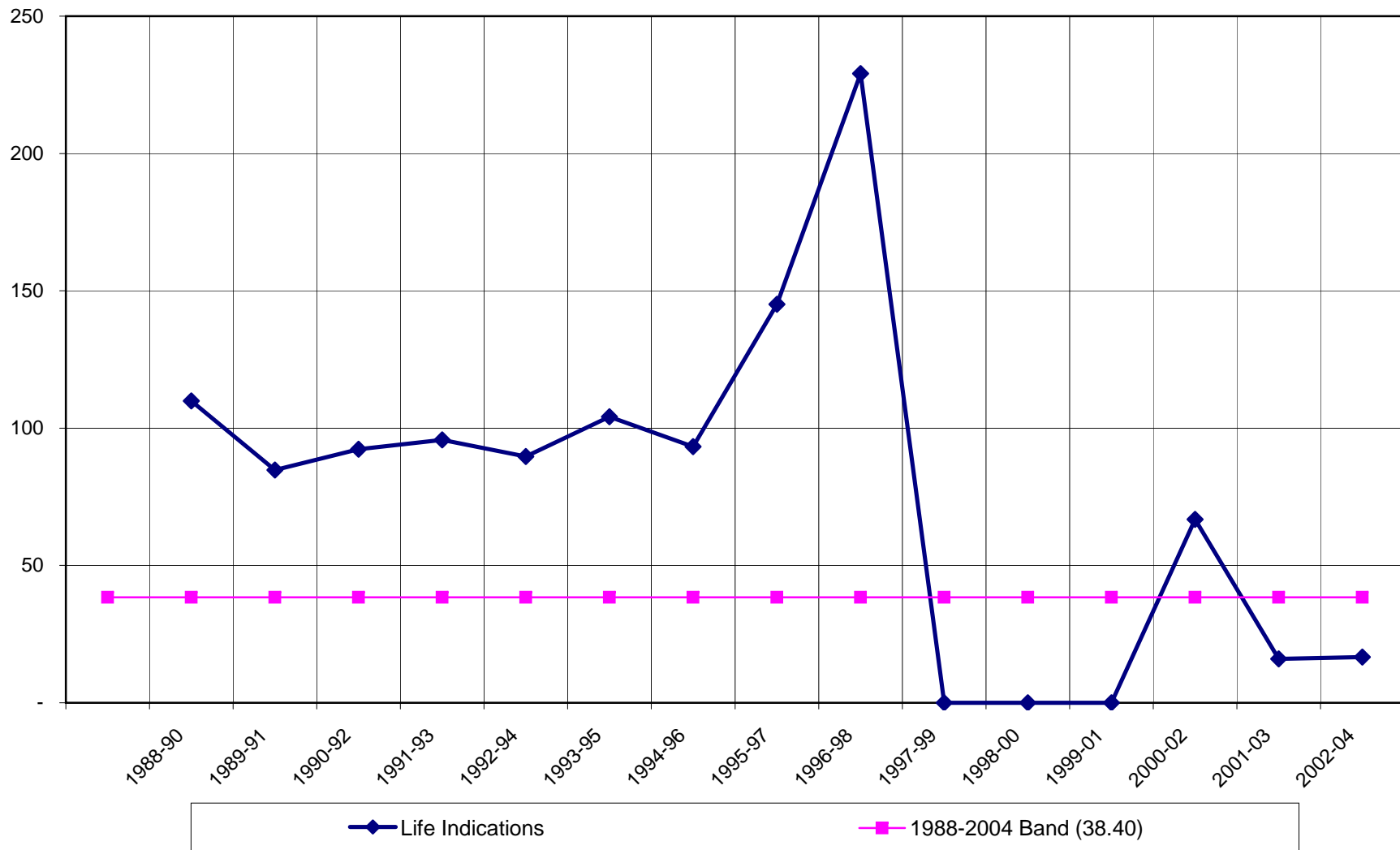
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 382 - Meter Installations

Year	BOY Plant <u>Balance</u> a	Avg. Plant <u>Balance</u> b=(a+(a+1))/2	Single Year <u>Additions</u> c	Single Year <u>Retirements</u> d	Addition <u>Ratio</u> e = c/b	Retirement <u>Ratio</u> f = d/b	Geometric Mean <u>Life Estimate</u> g = 1/sqrt(e*f)	3 Year Band			Addition <u>Ratio</u> l = j/i	Retirement <u>Ratio</u> m = k/i	Geometric Mean <u>Life Estimati</u> = 1/sqrt(l*m)		
								3 Year <u>Band</u> h	Avg. Plant <u>Balance</u> i	<u>Additions</u> j				<u>Retirements</u> k	
1988	19,424,338	19,424,338	-	-	-	-	-								
1989	19,424,338	20,093,407	1,383,810	45,672	0.06887	0.00227	79.93								
1990	20,762,476	21,362,807	1,270,638	69,976	0.05948	0.00328	71.64	1988-90	60,880,552	2,654,448	115,648	0.04360	0.00190	109.88	
1991	21,963,138	22,501,972	1,113,251	35,583	0.04947	0.00158	113.06	1989-91	63,958,186	3,767,699	151,231	0.05891	0.00236	84.73	
1992	23,040,806	23,676,273	1,310,143	39,209	0.05534	0.00166	104.46	1990-92	67,541,052	3,694,032	144,768	0.05469	0.00214	92.36	
1993	24,311,740	25,226,884	1,884,606	54,318	0.07471	0.00215	78.85	1991-93	71,405,129	4,308,000	129,110	0.06033	0.00181	95.74	
1994	26,142,028	27,111,517	1,984,240	45,263	0.07319	0.00167	90.47	1992-94	76,014,674	5,178,989	138,790	0.06813	0.00183	89.66	
1995	28,081,005	28,541,405	946,399	25,600	0.03316	0.00090	183.37	1993-95	80,879,805	4,815,245	125,181	0.05954	0.00155	104.17	
1996	29,001,804	32,367,274	6,752,025	21,086	0.20861	0.00065	85.78	1994-96	88,020,195	9,682,664	91,949	0.11001	0.00104	93.28	
1997	35,732,743	36,733,109	2,000,731	-	0.05447	-	-	1995-97	97,641,787	9,699,155	46,686	0.09933	0.00048	145.10	
1998	37,733,474	38,595,988	1,725,027	-	0.04469	-	-	1996-98	107,696,370	10,477,783	21,086	0.09729	0.00020	229.12	
1999	39,458,501	39,450,730	(15,542)	-	(0.00039)	-	-	1997-99	114,779,826	3,710,216	-	0.03232	-	-	
2000	39,442,959	42,386,612	5,887,306	-	0.13890	-	-	1998-00	120,433,330	7,596,791	-	0.06308	-	-	
2001	45,330,265	45,530,910	401,289	-	0.00881	-	-	1999-01	127,368,252	6,273,053	-	0.04925	-	-	
2002	45,731,554	53,708,338	16,153,755	200,188	0.30077	0.00373	29.87	2000-02	141,625,859	22,442,350	200,188	0.15846	0.00141	66.82	
2003	61,685,121	64,834,129	10,047,923	3,749,908	0.15498	0.05784	10.56	2001-03	164,073,376	26,602,967	3,950,096	0.16214	0.02408	16.01	
2004	67,983,136	71,246,249	6,528,570	2,344	0.09163	0.00003	575.94	2002-04	189,788,715	32,730,248	3,952,440	0.17246	0.02083	16.69	
1988-2004	585,249,426	612,791,938	59,374,171	4,289,147	0.09689	0.00700	38.40								

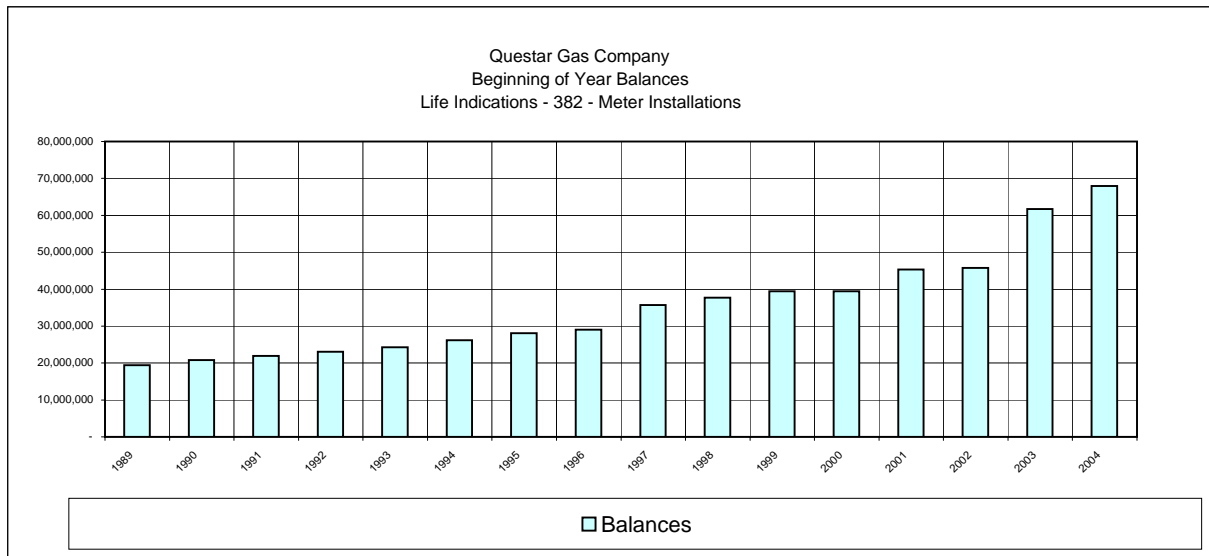
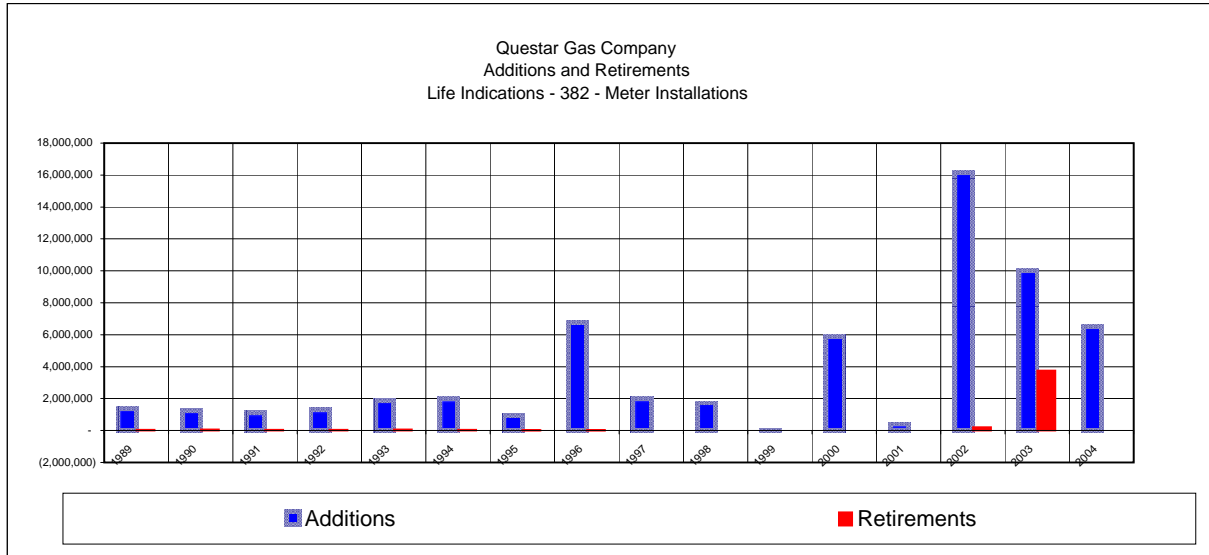
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 382 - Meter Installations



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 382 - Meter Installations



Observed Life Table Results
-Questar Gas Company-
Account: 383 - House Regulators

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1933 - 2002			
0	7,982,025	362	0.0045	99.9955	1.0000
0.5	8,342,053	70	0.0008	99.9992	1.0000
1.5	9,178,305	3,242	0.0353	99.9647	0.9999
2.5	9,345,891	69,304	0.7415	99.2585	0.9996
3.5	8,677,313	65,799	0.7583	99.2417	0.9922
4.5	8,227,527	50,454	0.6132	99.3868	0.9847
5.5	7,467,809	48,361	0.6476	99.3524	0.9786
6.5	6,488,386	5,925	0.0913	99.9087	0.9723
7.5	5,977,619	45,727	0.7650	99.2350	0.9714
8.5	5,543,585	470,219	8.4822	91.5178	0.9640
9.5	4,948,248	33,630	0.6796	99.3204	0.8822
10.5	4,230,782	40,235	0.9510	99.0490	0.8762
11.5	3,684,949	43,332	1.1759	98.8241	0.8679
12.5	3,240,598	41,881	1.2924	98.7076	0.8577
13.5	5,857,955	19,923	0.3401	99.6599	0.8466
14.5	5,545,895	116,769	2.1055	97.8945	0.8437
15.5	5,094,860	465,558	9.1378	90.8622	0.8259
16.5	4,085,794	32,431	0.7938	99.2062	0.7505
17.5	3,896,308	44,936	1.1533	98.8467	0.7445
18.5	3,538,329	47,476	1.3418	98.6582	0.7359
19.5	3,173,996	38,923	1.2263	98.7737	0.7260
20.5	2,871,629	58,222	2.0275	97.9725	0.7171
21.5	2,812,173	0	0.0000	100.0000	0.7026
22.5	2,719,790	75,613	2.7801	97.2199	0.7026
23.5	2,628,254	218	0.0083	99.9917	0.6831
24.5	2,621,423	0	0.0000	100.0000	0.6830
25.5	2,621,296	207	0.0079	99.9921	0.6830
26.5	2,617,667	165,061	6.3057	93.6943	0.6830
27.5	2,455,632	156,766	6.3839	93.6161	0.6399
28.5	29,678	95	0.3201	99.6799	0.5990
29.5	29,793	3,047	10.2272	89.7728	0.5971
30.5	24,224	0	0.0000	100.0000	0.5361
31.5	24,652	1,447	5.8697	94.1303	0.5361
32.5	23,208	7,046	30.3602	69.6398	0.5046
33.5	10,101	98	0.9702	99.0298	0.3514
34.5	10,575	938	8.8700	91.1300	0.3480
35.5	9,637	455	4.7214	95.2786	0.3171
36.5	8,350	98	1.1737	98.8263	0.3021
37.5	7,126	990	13.8928	86.1072	0.2986
38.5	7,041	161	2.2866	97.7134	0.2571
39.5	6,670	38	0.5697	99.4303	0.2512
40.5	6,594	324	4.9136	95.0864	0.2498
41.5	1,123	261	23.2413	76.7587	0.2375
42.5	427	112	26.2295	73.7705	0.1823
43.5	136	134	98.5294	1.4706	0.1345
44.5	1	0	0.0000	100.0000	0.0020

Observed Life Table Results
-Questar Gas Company-
Account: 383 - House Regulators

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	1	0	0.0000	100.0000	0.0020
46.5	1	0	0.0000	100.0000	0.0020
47.5	1	0	0.0000	100.0000	0.0020
48.5	1	0	0.0000	100.0000	0.0020
49.5	0	0	0.0000	100.0000	0.0020
50.5	0	0	0.0000	100.0000	0.0020
51.5	0	0	0.0000	100.0000	0.0020
52.5	0	0	0.0000	100.0000	0.0020
53.5	0	0	0.0000	100.0000	0.0020
54.5	0	0	0.0000	100.0000	0.0020
55.5	0	0	0.0000	100.0000	0.0020
56.5	0	0	0.0000	100.0000	0.0020
57.5	1,008	672	66.6667	33.3333	0.0020
58.5	336	0	0.0000	100.0000	0.0007
59.5	336	336	100.0000	0.0000	0.0007
60.5	0	0	0.0000	100.0000	0.0000
61.5	0	0	0.0000	100.0000	0.0000
62.5	0	0	0.0000	100.0000	0.0000
63.5	0	0	0.0000	100.0000	0.0000
64.5	0	0	0.0000	100.0000	0.0000
65.5	0	0	0.0000	100.0000	0.0000
66.5	0	0	0.0000	100.0000	0.0000
67.5	0	0	0.0000	100.0000	0.0000
68.5	0	0	0.0000	100.0000	0.0000
69.5	0	0	0.0000	100.0000	0.0000

Observed Life Table Results
-Questar Gas Company-
Account: 383 - House Regulators

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2002			
0	7,618,911	362	0.0048	99.9952	1.0000
0.5	7,965,391	70	0.0009	99.9991	1.0000
1.5	8,188,488	3,242	0.0396	99.9604	0.9999
2.5	9,144,766	69,304	0.7579	99.2421	0.9995
3.5	8,333,467	65,799	0.7896	99.2104	0.9920
4.5	7,907,223	50,454	0.6381	99.3619	0.9841
5.5	7,196,036	48,361	0.6721	99.3279	0.9779
6.5	6,488,386	5,925	0.0913	99.9087	0.9713
7.5	5,885,200	45,727	0.7770	99.2230	0.9704
8.5	5,543,585	470,219	8.4822	91.5178	0.9629
9.5	4,948,248	33,630	0.6796	99.3204	0.8812
10.5	4,230,782	40,235	0.9510	99.0490	0.8752
11.5	3,684,949	43,332	1.1759	98.8241	0.8669
12.5	3,240,598	41,881	1.2924	98.7076	0.8567
13.5	2,872,601	19,923	0.6936	99.3064	0.8456
14.5	5,545,895	116,769	2.1055	97.8945	0.8397
15.5	5,094,860	465,558	9.1378	90.8622	0.8221
16.5	4,085,794	32,431	0.7938	99.2062	0.7469
17.5	3,896,308	44,936	1.1533	98.8467	0.7410
18.5	3,531,606	47,476	1.3443	98.6557	0.7325
19.5	3,173,996	38,923	1.2263	98.7737	0.7226
20.5	2,871,629	58,222	2.0275	97.9725	0.7138
21.5	2,812,173	0	0.0000	100.0000	0.6993
22.5	2,719,790	75,613	2.7801	97.2199	0.6993
23.5	2,628,254	218	0.0083	99.9917	0.6799
24.5	2,621,423	0	0.0000	100.0000	0.6798
25.5	2,621,296	207	0.0079	99.9921	0.6798
26.5	2,615,316	165,061	6.3113	93.6887	0.6797
27.5	2,455,632	156,766	6.3839	93.6161	0.6368
28.5	29,678	95	0.3201	99.6799	0.5962
29.5	29,793	3,047	10.2272	89.7728	0.5943
30.5	24,224	0	0.0000	100.0000	0.5335
31.5	24,652	1,447	5.8697	94.1303	0.5335
32.5	23,208	7,046	30.3602	69.6398	0.5022
33.5	10,101	98	0.9702	99.0298	0.3497
34.5	10,575	938	8.8700	91.1300	0.3463
35.5	9,637	455	4.7214	95.2786	0.3156
36.5	8,350	98	1.1737	98.8263	0.3007
37.5	7,126	990	13.8928	86.1072	0.2972
38.5	7,041	161	2.2866	97.7134	0.2559
39.5	6,670	38	0.5697	99.4303	0.2500
40.5	6,594	324	4.9136	95.0864	0.2486
41.5	1,123	261	23.2413	76.7587	0.2364
42.5	427	112	26.2295	73.7705	0.1815
43.5	136	134	98.5294	1.4706	0.1339
44.5	1	0	0.0000	100.0000	0.0020

Observed Life Table Results
-Questar Gas Company-
Account: 383 - House Regulators

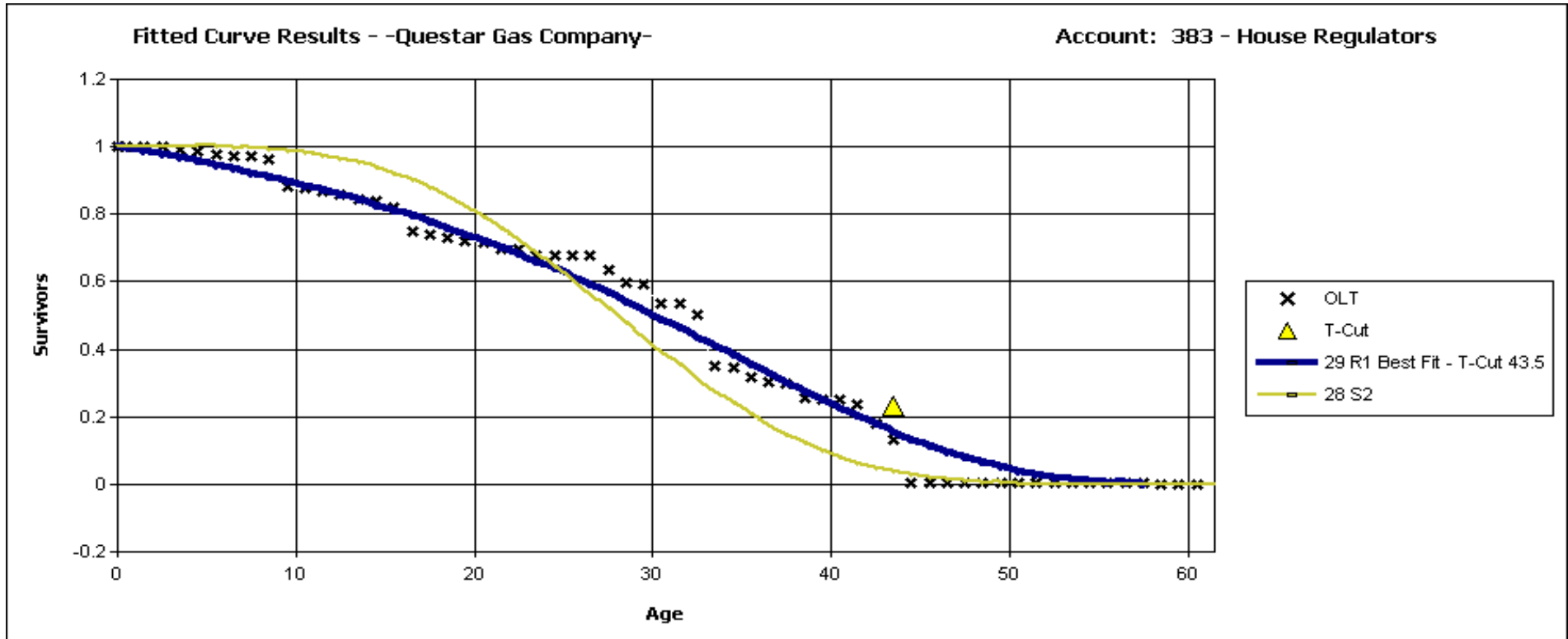
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	1	0	0.0000	100.0000	0.0020
46.5	1	0	0.0000	100.0000	0.0020
47.5	1	0	0.0000	100.0000	0.0020
48.5	1	0	0.0000	100.0000	0.0020
49.5	0	0	0.0000	100.0000	0.0020
50.5	0	0	0.0000	100.0000	0.0020
51.5	0	0	0.0000	100.0000	0.0020
52.5	0	0	0.0000	100.0000	0.0020
53.5	0	0	0.0000	100.0000	0.0020
54.5	0	0	0.0000	100.0000	0.0020
55.5	0	0	0.0000	100.0000	0.0020
56.5	0	0	0.0000	100.0000	0.0020
57.5	1,008	672	66.6667	33.3333	0.0020
58.5	336	0	0.0000	100.0000	0.0007
59.5	336	336	100.0000	0.0000	0.0007
60.5	0	0	0.0000	100.0000	0.0000

Best Fit Curve Results
-Questar Gas Company-
Account: 383 - House Regulators

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
R1	29.0	651.588
R1.5	30.0	679.789
S0.5	30.0	803.429
S0	30.0	817.645
L1	32.0	1,188.366
S1	30.0	1,217.647
R0.5	30.0	1,248.108
L1.5	32.0	1,249.004
R2	30.0	1,309.788
S-0.5	30.0	1,362.068
L0.5	32.0	1,443.901
L2	32.0	1,814.360
S1.5	31.0	1,950.776
L0	33.0	2,064.283
R2.5	30.0	2,495.710
O1	30.0	2,536.011
O2	34.0	2,690.817
S2	31.0	3,036.184
L3	31.0	3,830.328
R3	31.0	4,156.674
O3	44.0	4,547.714
O4	59.0	5,351.194
S3	31.0	5,881.292
L4	32.0	7,310.176
R4	31.0	8,184.582
S4	32.0	10,448.186
L5	32.0	11,777.431
R5	32.0	13,854.869
S5	32.0	15,262.107
S6	32.0	19,800.815
SQ	33.0	30,652.906

Analytical Parameters

OLT Placement Ban 1933 - 2002
OLT Experience Ban 1990 - 2003
Minimum Life Parameter 12
Maximum Life Parameter 60
Life Increment Parameter 1
Max Age (T-Cut): 43.5



OLT Placement Band: 1933 - 2002
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 12
 Maximum Life Parameter: 60
 Life Increment Parameter: 1
 Max Age (T-Cut): 43.5

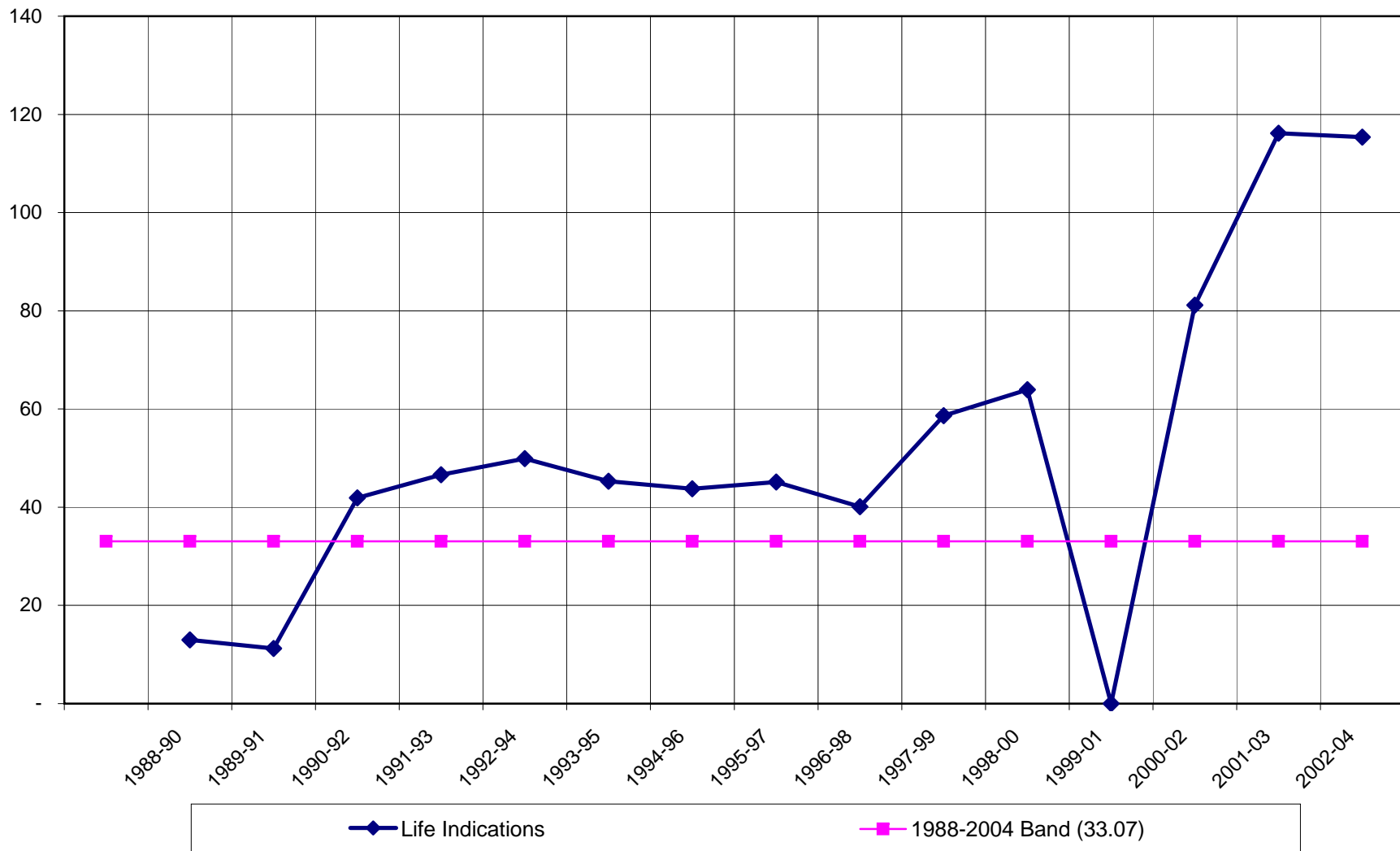
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 383 - House Regulators

Year	BOY Plant <u>Balance</u> a	Avg. Plant <u>Balance</u> b=(a+(a+1))/2	Single Year <u>Additions</u> c	Single Year <u>Retirements</u> d	Addition <u>Ratio</u> e = c/b	Retirement <u>Ratio</u> f = d/b	Geometric Mean <u>Life Estimate</u> g = 1/sqrt(e*f)	3 Year Band			Addition <u>Ratio</u> l = j/i	Retirement <u>Ratio</u> m = k/i	Geometric Mean <u>Life Estimati</u> = 1/sqrt(l*m)	
								3 Year <u>Band</u> h	Avg. Plant <u>Balance</u> i	<u>Additions</u> j				<u>Retirements</u> k
1988	6,222,601	6,222,601	-	-	-	-	-							
1989	6,222,601	6,082,624	1,036,698	1,316,653	0.17044	0.21646	5.21							
1990	5,942,646	6,098,629	399,696	87,731	0.06554	0.01439	32.57	1988-90	18,403,853	1,436,394	1,404,384	0.07805	0.07631	12.96
1991	6,254,611	6,476,121	481,531	38,511	0.07435	0.00595	47.56	1989-91	18,657,373	1,917,925	1,442,895	0.10280	0.07734	11.22
1992	6,697,631	6,941,063	515,911	29,047	0.07433	0.00418	56.70	1990-92	19,515,813	1,397,138	155,289	0.07159	0.00796	41.90
1993	7,184,495	7,537,529	753,997	47,929	0.10003	0.00636	39.65	1991-93	20,954,713	1,751,439	115,487	0.08358	0.00551	46.59
1994	7,890,563	8,047,416	361,596	47,890	0.04493	0.00595	61.15	1992-94	22,526,008	1,631,504	124,866	0.07243	0.00554	49.91
1995	8,204,269	8,494,030	644,158	64,636	0.07584	0.00761	41.63	1993-95	24,078,975	1,759,751	160,455	0.07308	0.00666	45.31
1996	8,783,791	9,027,105	588,351	101,723	0.06518	0.01127	36.90	1994-96	25,568,551	1,594,105	214,249	0.06235	0.00838	43.75
1997	9,270,419	9,751,952	963,066	-	0.09876	-	-	1995-97	27,273,087	2,195,575	166,359	0.08050	0.00610	45.13
1998	10,233,485	10,685,487	1,012,680	108,677	0.09477	0.01017	32.21	1996-98	29,464,544	2,564,097	210,400	0.08702	0.00714	40.12
1999	11,137,488	11,515,510	756,044	-	0.06565	-	-	1997-99	31,952,949	2,731,790	108,677	0.08549	0.00340	58.64
2000	11,893,532	12,353,890	920,715	-	0.07453	-	-	1998-00	34,554,886	2,689,439	108,677	0.07783	0.00315	63.92
2001	12,814,247	12,815,826	3,157	-	0.00025	-	-	1999-01	36,685,225	1,679,916	-	0.04579	-	-
2002	12,817,404	12,772,707	119,953	209,347	0.00939	0.01639	80.60	2000-02	37,942,422	1,043,825	209,347	0.02751	0.00552	81.17
2003	12,728,010	12,398,370	-	659,281	-	0.05317	-	2001-03	37,986,902	123,110	868,628	0.00324	0.02287	116.16
2004	12,068,729	12,068,729	-	-	-	-	-	2002-04	37,239,806	119,953	868,628	0.00322	0.02333	115.37
1988-2004	156,366,522	159,289,586	8,557,553	2,711,425	0.05372	0.01702	33.07							

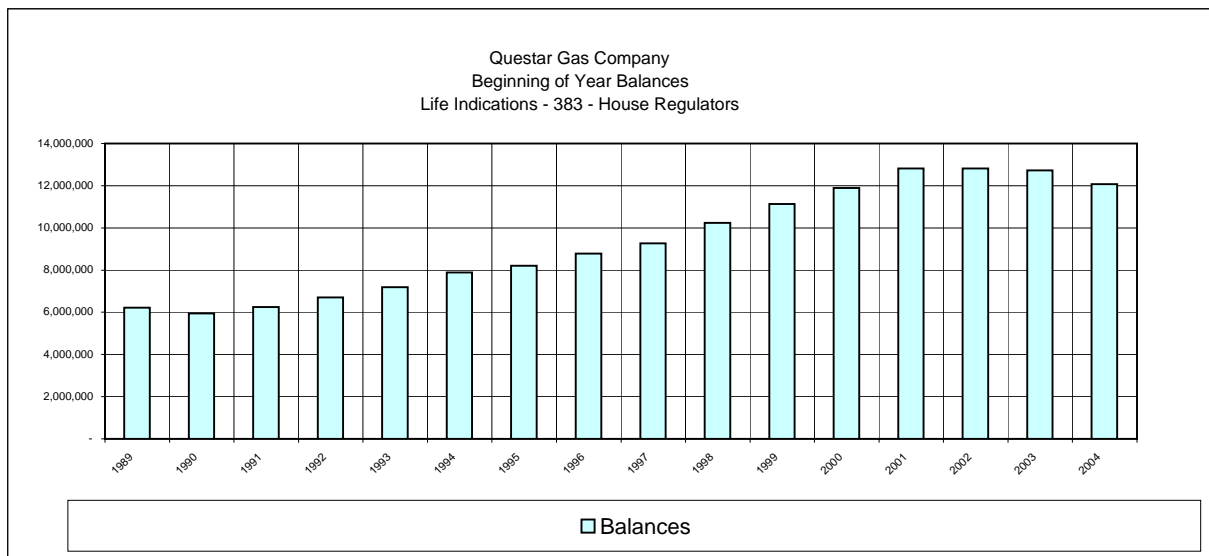
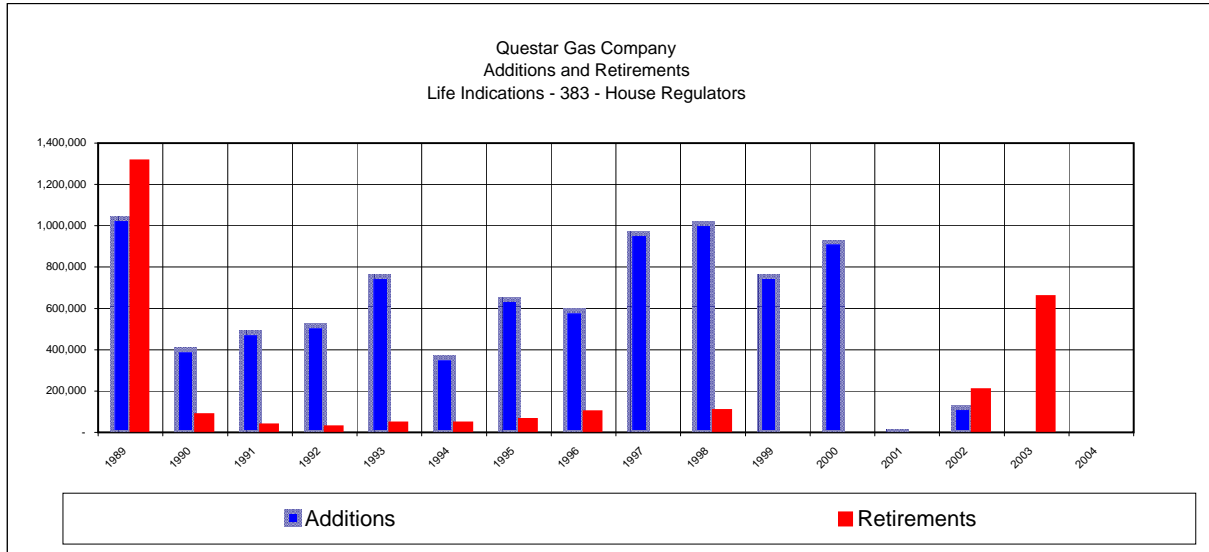
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 383 - House Regulators



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 383 - House Regulators



-Questar Gas Company-

384 - House Regulator Installations

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA:			33	S2		
<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
2004	0.5	0	33.00	32.50	0	0
2003	1.5	0	33.00	31.50	0	0
2002	2.5	114,004	33.00	30.50	3,455	105,365
2001	3.5	3,001	33.00	29.50	91	2,683
2000	4.5	874,869	33.00	28.51	26,511	755,710
1999	5.5	718,160	33.00	27.51	21,762	598,784
1998	6.5	961,352	33.00	26.53	29,132	772,898
1997	7.5	913,332	33.00	25.56	27,677	707,341
1996	8.5	557,104	33.00	24.60	16,882	415,230
1995	9.5	608,579	33.00	23.65	18,442	436,153
1994	10.5	340,562	33.00	22.72	10,320	234,497
1993	11.5	707,194	33.00	21.81	21,430	467,497
1992	12.5	481,290	33.00	20.93	14,585	305,254
1991	13.5	446,179	33.00	20.07	13,521	271,345
1990	14.5	367,260	33.00	19.23	11,129	214,055
1989	15.5	942,936	33.00	18.43	28,574	526,478
1988	16.5	376,728	33.00	17.64	11,416	201,422
1987	17.5	458,077	33.00	16.89	13,881	234,456
1986	18.5	312,428	33.00	16.16	9,468	153,037
1985	19.5	73,385	33.00	15.47	2,224	34,394
1984	20.5	350,531	33.00	14.80	10,622	157,156
1983	21.5	365,073	33.00	14.15	11,063	156,547
1982	22.5	95,144	33.00	13.53	2,883	39,015
1981	23.5	359,068	33.00	12.94	10,881	140,785
1980	24.5	215,947	33.00	12.37	6,544	80,944
1979	25.5	139,117	33.00	11.82	4,216	49,844
1978	26.5	245,968	33.00	11.30	7,454	84,223
1977	27.5	170,414	33.00	10.80	5,164	55,757
1976	28.5	101,289	33.00	10.31	3,069	31,660
1975	29.5	152,025	33.00	9.85	4,607	45,385
1974	30.5	105,806	33.00	9.41	3,206	30,160
1973	31.5	70,208	33.00	8.98	2,128	19,103
1972	32.5	81,612	33.00	8.57	2,473	21,188
1971	33.5	58,570	33.00	8.17	1,775	14,504
1970	34.5	45,828	33.00	7.79	1,389	10,819

-Questar Gas Company-

384 - House Regulator Installations

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA: 33 S2						
Year	Age	Surviving Investment	BG/VG Average		ASL Weights	RL Weights
			Service Life	Remaining Life		
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1969	35.5	26,588	33.00	7.42	806	5,980
1968	36.5	34,167	33.00	7.07	1,035	7,318
1967	37.5	13,582	33.00	6.73	412	2,768
1966	38.5	32,251	33.00	6.39	977	6,250
1965	39.5	20,834	33.00	6.07	631	3,835
1964	40.5	18,445	33.00	5.76	559	3,222
1963	41.5	20,512	33.00	5.46	622	3,397
1962	42.5	14,815	33.00	5.17	449	2,323
1961	43.5	14,099	33.00	4.89	427	2,090
1960	44.5	15,931	33.00	4.62	483	2,229
1959	45.5	12,170	33.00	4.35	369	1,605
1958	46.5	9,186	33.00	4.09	278	1,139
1957	47.5	6,843	33.00	3.84	207	796
1956	48.5	5,024	33.00	3.59	152	547
1955	49.5	3,629	33.00	3.35	110	369
1954	50.5	2,575	33.00	3.12	78	243
1953	51.5	1,790	33.00	2.89	54	157
1952	52.5	1,216	33.00	2.67	37	98
1951	53.5	805	33.00	2.45	24	60
1950	54.5	516	33.00	2.24	16	35
1949	55.5	319	33.00	2.03	10	20
1948	56.5	189	33.00	1.82	6	10
1947	57.5	106	33.00	1.62	3	5
1946	58.5	56	33.00	1.43	2	2
1945	59.5	27	33.00	1.24	1	1
1944	60.5	11	33.00	1.05	0	0
1943	61.5	4	33.00	0.86	0	0
1942	62.5	1	33.00	0.70	0	0
1941	63.5	0	33.00	0.54	0	0
1940	64.5	0	33.00	0.50	0	0
1939	65.5	0	33.00	0.50	0	0
1938	66.5	0	33.00	0.50	0	0
1937	67.5	0	33.00	0.50	0	0
1936	68.5	0	33.00	0.50	0	0
1935	69.5	0	33.00	0.50	0	0
1934	70.5	0	33.00	0.50	0	0

Observed Life Table Results
-Questar Gas Company-
Account: 384 - House Regulator Installations

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1931 - 2003			
0	3,315,733	0	0.0000	100.0000	1.0000
0.5	3,538,709	4,167	0.1178	99.8822	1.0000
1.5	2,498,992	3,793	0.1518	99.8482	0.9988
2.5	2,670,085	8,855	0.3316	99.6684	0.9973
3.5	2,604,707	19,026	0.7304	99.2696	0.9940
4.5	2,768,645	18,320	0.6617	99.3383	0.9867
5.5	2,831,251	24,024	0.8485	99.1515	0.9802
6.5	3,164,182	22,472	0.7102	99.2898	0.9719
7.5	3,578,638	17,010	0.4753	99.5247	0.9650
8.5	3,010,809	12,192	0.4049	99.5951	0.9604
9.5	2,951,320	19,734	0.6686	99.3314	0.9565
10.5	2,743,123	23,603	0.8604	99.1396	0.9501
11.5	2,681,269	6,020	0.2245	99.7755	0.9419
12.5	2,476,909	27,561	1.1127	98.8873	0.9398
13.5	2,144,651	20,438	0.9530	99.0470	0.9294
14.5	2,471,818	1,863	0.0754	99.9246	0.9205
15.5	1,924,089	14,327	0.7446	99.2554	0.9198
16.5	1,732,508	2,322	0.1340	99.8660	0.9130
17.5	1,451,074	32,676	2.2518	97.7482	0.9117
18.5	1,245,252	12,458	1.0004	98.9996	0.8912
19.5	1,096,175	2,457	0.2241	99.7759	0.8823
20.5	904,531	286	0.0316	99.9684	0.8803
21.5	458,418	8,687	1.8950	98.1050	0.8800
22.5	409,506	1,310	0.3199	99.6801	0.8634
23.5	381,877	795	0.2082	99.7918	0.8606
24.5	345,537	3,377	0.9773	99.0227	0.8588
25.5	333,591	2,936	0.8801	99.1199	0.8504
26.5	340,151	1,210	0.3557	99.6443	0.8429
27.5	329,280	1,324	0.4021	99.5979	0.8399
28.5	312,113	3,650	1.1694	98.8306	0.8366
29.5	315,565	2,291	0.7260	99.2740	0.8268
30.5	368,529	2,657	0.7210	99.2790	0.8208
31.5	379,592	4,046	1.0659	98.9341	0.8149
32.5	343,914	1,767	0.5138	99.4862	0.8062
33.5	318,657	4,704	1.4762	98.5238	0.8020
34.5	291,392	9,706	3.3309	96.6691	0.7902
35.5	289,619	7,643	2.6390	97.3610	0.7639
36.5	276,211	13,030	4.7174	95.2826	0.7437
37.5	256,569	2,567	1.0005	98.9995	0.7086
38.5	134,676	73	0.0542	99.9458	0.7015
39.5	114,779	769	0.6700	99.3300	0.7012
40.5	106,638	370	0.3470	99.6530	0.6965
41.5	98,787	611	0.6185	99.3815	0.6940
42.5	90,852	0	0.0000	100.0000	0.6897
43.5	84,037	0	0.0000	100.0000	0.6897
44.5	69,008	0	0.0000	100.0000	0.6897

Observed Life Table Results
-Questar Gas Company-
Account: 384 - House Regulator Installations

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	61,207	596	0.9737	99.0263	0.6897
46.5	46,059	0	0.0000	100.0000	0.6830
47.5	37,483	0	0.0000	100.0000	0.6830
48.5	36,116	40	0.1108	99.8892	0.6830
49.5	30,412	0	0.0000	100.0000	0.6823
50.5	4,588	0	0.0000	100.0000	0.6823
51.5	1,346	0	0.0000	100.0000	0.6823
52.5	1,151	0	0.0000	100.0000	0.6823
53.5	810	0	0.0000	100.0000	0.6823
54.5	617	0	0.0000	100.0000	0.6823
55.5	598	7	1.1706	98.8294	0.6823
56.5	601	0	0.0000	100.0000	0.6743
57.5	895	0	0.0000	100.0000	0.6743
58.5	891	0	0.0000	100.0000	0.6743
59.5	832	0	0.0000	100.0000	0.6743
60.5	808	0	0.0000	100.0000	0.6743
61.5	808	0	0.0000	100.0000	0.6743
62.5	808	0	0.0000	100.0000	0.6743
63.5	419	0	0.0000	100.0000	0.6743
64.5	419	0	0.0000	100.0000	0.6743
65.5	419	0	0.0000	100.0000	0.6743
66.5	419	0	0.0000	100.0000	0.6743
67.5	419	0	0.0000	100.0000	0.6743
68.5	419	0	0.0000	100.0000	0.6743
69.5	385	0	0.0000	100.0000	0.6743
70.5	385	0	0.0000	100.0000	0.6743
71.5	385	0	0.0000	100.0000	0.6743

Observed Life Table Results
-Questar Gas Company-
Account: 384 - House Regulator Installations

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
BAND		1990 - 2003			
0	3,042,038	0	0.0000	100.0000	1.0000
0.5	3,368,762	4,167	0.1237	99.8763	1.0000
1.5	2,159,985	3,793	0.1756	99.8244	0.9988
2.5	2,359,426	8,855	0.3753	99.6247	0.9970
3.5	2,381,085	19,026	0.7990	99.2010	0.9933
4.5	2,588,875	18,320	0.7076	99.2924	0.9853
5.5	2,499,399	24,024	0.9612	99.0388	0.9784
6.5	2,624,546	22,472	0.8562	99.1438	0.9690
7.5	2,929,155	17,010	0.5807	99.4193	0.9607
8.5	2,888,925	12,192	0.4220	99.5780	0.9551
9.5	2,754,591	19,734	0.7164	99.2836	0.9510
10.5	2,563,264	23,603	0.9208	99.0792	0.9442
11.5	2,531,867	6,020	0.2378	99.7622	0.9355
12.5	2,381,455	27,561	1.1573	98.8427	0.9333
13.5	2,087,632	20,438	0.9790	99.0210	0.9225
14.5	2,413,568	1,863	0.0772	99.9228	0.9135
15.5	1,866,433	14,327	0.7676	99.2324	0.9128
16.5	1,677,155	2,322	0.1384	99.8616	0.9058
17.5	1,410,353	32,676	2.3169	97.6831	0.9045
18.5	1,207,508	12,458	1.0317	98.9683	0.8836
19.5	1,074,762	2,457	0.2286	99.7714	0.8744
20.5	881,059	286	0.0325	99.9675	0.8724
21.5	433,980	8,687	2.0017	97.9983	0.8722
22.5	386,785	1,310	0.3387	99.6613	0.8547
23.5	341,496	795	0.2328	99.7672	0.8518
24.5	310,372	3,377	1.0880	98.9120	0.8498
25.5	307,440	2,936	0.9550	99.0450	0.8406
26.5	309,004	1,210	0.3916	99.6084	0.8326
27.5	302,922	1,324	0.4371	99.5629	0.8293
28.5	291,296	3,650	1.2530	98.7470	0.8257
29.5	273,364	2,291	0.8381	99.1619	0.8153
30.5	278,626	2,657	0.9536	99.0464	0.8085
31.5	352,931	4,046	1.1464	98.8536	0.8008
32.5	335,155	1,767	0.5272	99.4728	0.7916
33.5	312,556	4,704	1.5050	98.4950	0.7874
34.5	284,679	9,706	3.4095	96.5905	0.7756
35.5	253,332	7,643	3.0170	96.9830	0.7491
36.5	273,365	13,030	4.7665	95.2335	0.7265
37.5	256,374	2,567	1.0013	98.9987	0.6919
38.5	134,335	73	0.0543	99.9457	0.6850
39.5	114,552	769	0.6713	99.3287	0.6846
40.5	106,619	370	0.3470	99.6530	0.6800
41.5	98,723	611	0.6189	99.3811	0.6776
42.5	90,795	0	0.0000	100.0000	0.6735
43.5	84,033	0	0.0000	100.0000	0.6735
44.5	68,949	0	0.0000	100.0000	0.6735

Observed Life Table Results
-Questar Gas Company-
Account: 384 - House Regulator Installations

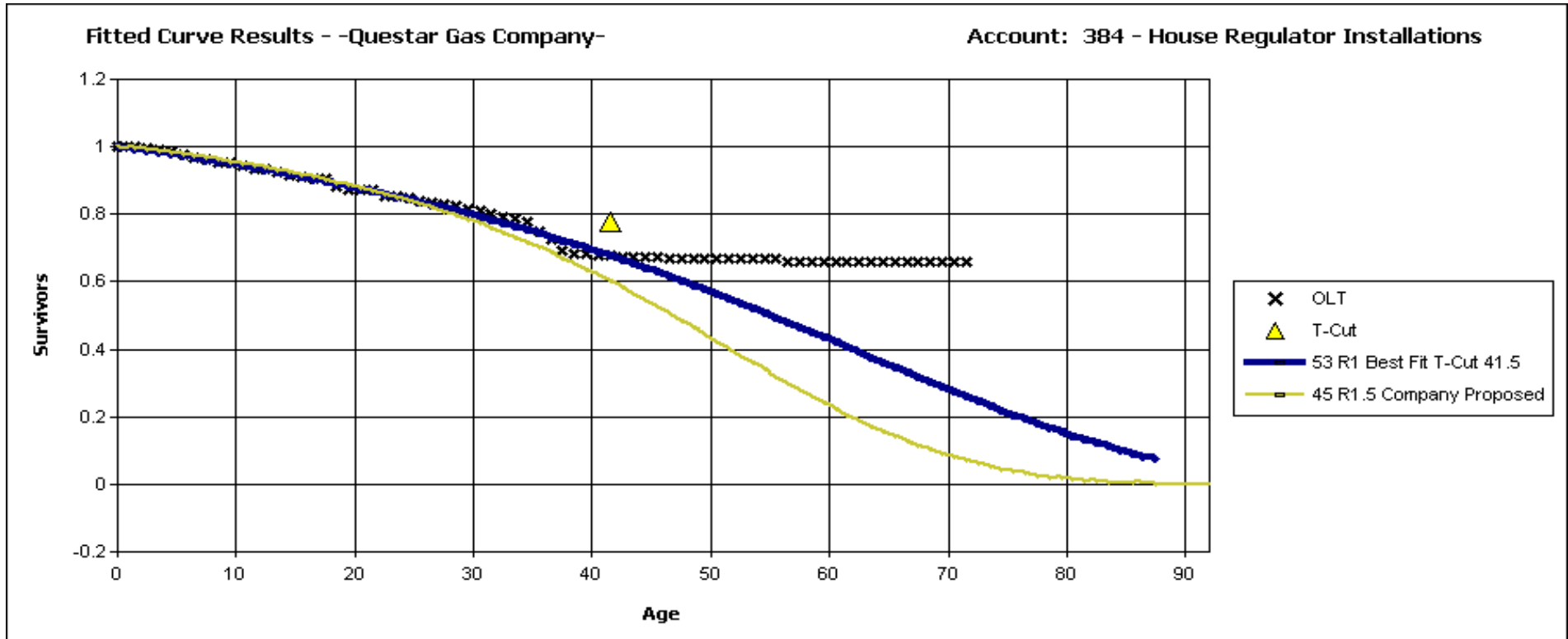
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	61,183	596	0.9741	99.0259	0.6735
46.5	46,059	0	0.0000	100.0000	0.6669
47.5	37,483	0	0.0000	100.0000	0.6669
48.5	35,720	40	0.1120	99.8880	0.6669
49.5	30,412	0	0.0000	100.0000	0.6661
50.5	4,588	0	0.0000	100.0000	0.6661
51.5	1,346	0	0.0000	100.0000	0.6661
52.5	1,151	0	0.0000	100.0000	0.6661
53.5	810	0	0.0000	100.0000	0.6661
54.5	583	0	0.0000	100.0000	0.6661
55.5	598	7	1.1706	98.8294	0.6661
56.5	601	0	0.0000	100.0000	0.6583
57.5	510	0	0.0000	100.0000	0.6583
58.5	891	0	0.0000	100.0000	0.6583
59.5	832	0	0.0000	100.0000	0.6583
60.5	808	0	0.0000	100.0000	0.6583
61.5	808	0	0.0000	100.0000	0.6583
62.5	808	0	0.0000	100.0000	0.6583
63.5	419	0	0.0000	100.0000	0.6583
64.5	419	0	0.0000	100.0000	0.6583
65.5	419	0	0.0000	100.0000	0.6583
66.5	419	0	0.0000	100.0000	0.6583
67.5	419	0	0.0000	100.0000	0.6583
68.5	419	0	0.0000	100.0000	0.6583
69.5	385	0	0.0000	100.0000	0.6583
70.5	385	0	0.0000	100.0000	0.6583
71.5	385	0	0.0000	100.0000	0.6583

Best Fit Curve Results
-Questar Gas Company-
Account: 384 - House Regulator Installations

Curve	Life	Sum of Squared Differences
BAND	1990 - 2003	
R1	53.0	54.193
R1.5	49.0	65.849
S0	55.0	109.989
S0.5	51.0	232.206
R2	46.0	243.349
L1	55.0	310.543
S-0.5	55.0	342.764
R0.5	55.0	344.868
L1.5	53.0	429.050
S1	48.0	520.722
R2.5	44.0	540.516
L0.5	55.0	608.039
S1.5	46.0	818.623
L2	50.0	881.044
R3	43.0	1,078.894
S2	45.0	1,308.148
O1	55.0	1,408.579
L0	55.0	1,527.018
L3	46.0	1,847.581
R4	41.0	2,317.556
S3	43.0	2,335.450
O2	55.0	2,959.734
L4	43.0	2,990.284
S4	42.0	3,885.147
R5	41.0	4,486.922
L5	42.0	4,580.370
S5	41.0	5,582.278
S6	41.0	7,360.182
O3	55.0	11,817.338
SQ	42.0	11,861.422
O4	55.0	25,455.415

Analytical Parameters

OLT Placement Band: 1931 - 2003
 OLT Experience Band 1990 - 2003
 Minimum Life Paramet 8
 Maximum Life Parame 55
 Life Increment Parame 1
 Max Age (T-Cut): 41.5



OLT Placement Band: 1931 - 2003
 OLT Experience Band: 1990 - 2003
 Minimum Life Parameter: 8
 Maximum Life Parameter: 55
 Life Increment Parameter: 1
 Max Age (T-Cut): 41.5

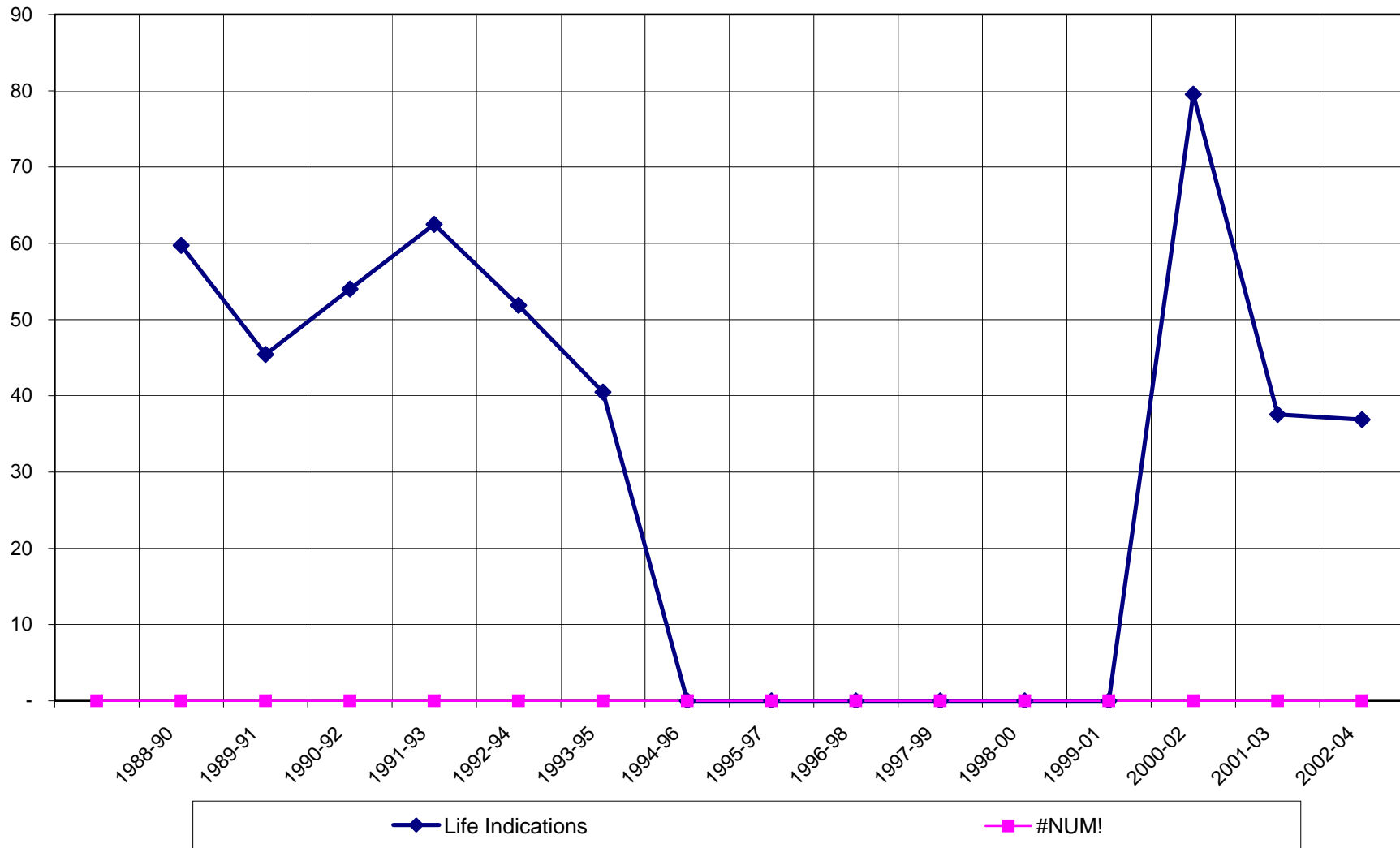
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 384 - House Regulator Installations

Year	BOY Plant Balance <u>a</u>	Avg. Plant Balance <u>b=(a+(a+1))/2</u>	Single Year Additions <u>c</u>	Single Year Retirements <u>d</u>	Addition Ratio <u>e = c/b</u>	Retirement Ratio <u>f = d/b</u>	Geometric Mean Life Estimate <u>g = 1/sqrt(e*f)</u>	3 Year Band			Addition Ratio <u>l = j/i</u>	Retirement Ratio <u>m = k/i</u>	Geometric Mean Life Estimati <u>= 1/sqrt(l*m)</u>	
								3 Year Band <u>h</u>	Avg. Plant Balance <u>i</u>	Additions <u>j</u>				Retirements <u>k</u>
1988	4,333,435	4,333,435	-	-	-	-	-							
1989	4,333,435	4,447,258	265,616	37,971	0.05973	0.00854	44.28							
1990	4,561,080	4,695,990	318,925	49,106	0.06791	0.01046	37.52	1988-90	13,476,682	584,541	87,077	0.04337	0.00646	59.73
1991	4,830,899	4,976,662	312,211	20,686	0.06274	0.00416	61.93	1989-91	14,119,909	896,752	107,763	0.06351	0.00763	45.42
1992	5,122,424	5,211,088	199,074	21,747	0.03820	0.00417	79.20	1990-92	14,883,739	830,210	91,539	0.05578	0.00615	53.99
1993	5,299,751	5,487,402	401,820	26,518	0.07323	0.00483	53.16	1991-93	15,675,151	913,105	68,951	0.05825	0.00440	62.47
1994	5,675,053	5,756,171	234,520	72,285	0.04074	0.01256	44.21	1992-94	16,454,660	835,414	120,550	0.05077	0.00733	51.85
1995	5,837,288	6,210,696	779,344	32,529	0.12548	0.00524	39.01	1993-95	17,454,268	1,415,684	131,332	0.08111	0.00752	40.48
1996	6,584,103	4,197,343	(4,738,464)	35,057	(1.12892)	0.00835	-	1994-96	16,164,209	(3,724,600)	139,871	(0.23042)	0.00865	-
1997	1,810,582	1,821,355	21,546	-	0.01183	-	-	1995-97	12,229,393	(3,937,574)	67,586	(0.32198)	0.00553	-
1998	1,832,128	1,836,847	9,438	-	0.00514	-	-	1996-98	7,855,545	(4,707,480)	35,057	(0.59926)	0.00446	-
1999	1,841,566	1,850,732	18,332	-	0.00991	-	-	1997-99	5,508,934	49,316	-	0.00895	-	-
2000	1,859,898	1,949,510	179,223	-	0.09193	-	-	1998-00	5,637,089	206,993	-	0.03672	-	-
2001	2,039,121	2,039,122	1	-	0.00000	-	-	1999-01	5,839,363	197,556	-	0.03383	-	-
2002	2,039,122	2,231,412	395,219	10,640	0.17712	0.00477	34.41	2000-02	6,220,043	574,443	10,640	0.09235	0.00171	79.56
2003	2,423,701	2,396,409	12,094	66,679	0.00505	0.02782	84.39	2001-03	6,666,942	407,314	77,319	0.06109	0.01160	37.57
2004	2,369,116	2,373,243	16,025	7,771	0.00675	0.00327	212.67	2002-04	7,001,063	423,338	85,090	0.06047	0.01215	36.89
1988-2004	62,792,702	61,814,670	(1,575,076)	380,989	(0.02548)	0.00616	#NUM!							

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 384 - House Regulator Installations



-Questar Gas Company-

384 - House Regulator Installations

**Calculation of Remaining Life
Based Upon Broad Group/Vintage Group Procedures
Related to Original Cost as of December 31, 2004**

Survivor Curve .. IOWA:			33	S2		
<u>Year</u> (1)	<u>Age</u> (2)	<u>Surviving Investment</u> (3)	<u>BG/VG Average</u>		<u>ASL Weights</u> (6)=(3)/(4)	<u>RL Weights</u> (7)=(6)*(5)
			<u>Service Life</u> (4)	<u>Remaining Life</u> (5)		
2004	0.5	152,756	33.00	32.50	4,629	150,435
2003	1.5	115,284	33.00	31.50	3,493	110,039
2002	2.5	3,767,300	33.00	30.50	114,161	3,481,792
2001	3.5	0	33.00	29.50	0	0
2000	4.5	1,708,020	33.00	28.51	51,758	1,475,385
1999	5.5	174,649	33.00	27.51	5,292	145,618
1998	6.5	89,861	33.00	26.53	2,723	72,246
1997	7.5	204,937	33.00	25.56	6,210	158,716
1996	8.5	(45,000,708)	33.00	24.60	0	0
1995	9.5	7,384,743	33.00	23.65	223,780	5,292,463
1994	10.5	2,215,310	33.00	22.72	67,131	1,525,371
1993	11.5	3,779,915	33.00	21.81	114,543	2,498,747
1992	12.5	1,862,638	33.00	20.93	56,444	1,181,361
1991	13.5	2,901,445	33.00	20.07	87,923	1,764,525
1990	14.5	2,939,096	33.00	19.23	89,064	1,713,032
1989	15.5	2,423,069	33.00	18.43	73,426	1,352,894
1988	16.5	808,450	33.00	17.64	24,498	432,247
1987	17.5	3,022,511	33.00	16.89	91,591	1,547,001
1986	18.5	3,050,616	33.00	16.16	92,443	1,494,290
1985	19.5	1,681,804	33.00	15.47	50,964	788,216
1984	20.5	1,539,521	33.00	14.80	46,652	690,226
1983	21.5	2,390,281	33.00	14.15	72,433	1,024,976
1982	22.5	1,495,147	33.00	13.53	45,307	613,110
1981	23.5	1,320,361	33.00	12.94	40,011	517,692
1980	24.5	1,194,829	33.00	12.37	36,207	447,863
1979	25.5	1,637,425	33.00	11.82	49,619	586,670
1978	26.5	1,402,404	33.00	11.30	42,497	480,206
1977	27.5	1,035,771	33.00	10.80	31,387	338,891
1976	28.5	797,998	33.00	10.31	24,182	249,430
1975	29.5	687,624	33.00	9.85	20,837	205,280
1974	30.5	713,254	33.00	9.41	21,614	203,315
1973	31.5	610,889	33.00	8.98	18,512	166,218
1972	32.5	442,929	33.00	8.57	13,422	114,996
1971	33.5	465,020	33.00	8.17	14,092	115,152
1970	34.5	435,446	33.00	7.79	13,195	102,796

SPR Results
Questar Gas Company
Account: 387 - Other Equipment

Curve	Life	Sum of Squared Differences	Index of Variation
BAND: 1990 - 2004			
S0	20	5.11E+11	48
L0.5	23	5.32E+11	49
R1.5	18	5.33E+11	49
S0.5	19	5.86E+11	52
L1	22	6.25E+11	53
R1	19	6.67E+11	55
R2	17	6.82E+11	56
L0	25	6.97E+11	56
S-0.5	22	7.49E+11	58
L1.5	20	8.33E+11	62
S1	18	9.57E+11	66
R0.5	22	9.85E+11	67
R2.5	17	1.08E+12	70
O1	25	1.25E+12	75
O2	28	1.25E+12	75
O3	40	1.36E+12	79
S1.5	18	1.37E+12	79
L2	19	1.48E+12	82
R3	16	1.87E+12	92
S2	17	2.14E+12	99
L3	18	2.85E+12	114
O4	40	3.39E+12	124
R4	16	3.53E+12	127
S3	17	3.64E+12	129
L4	17	4.50E+12	143
S4	16	5.69E+12	161
R5	16	6.40E+12	171
L5	16	6.52E+12	172
S5	16	7.56E+12	186
S6	16	9.54E+12	209
SQ	16	1.45E+13	257

Minimum Equipment Life Expectancy: 5
Maximum Equipment Life Expectancy: 40
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

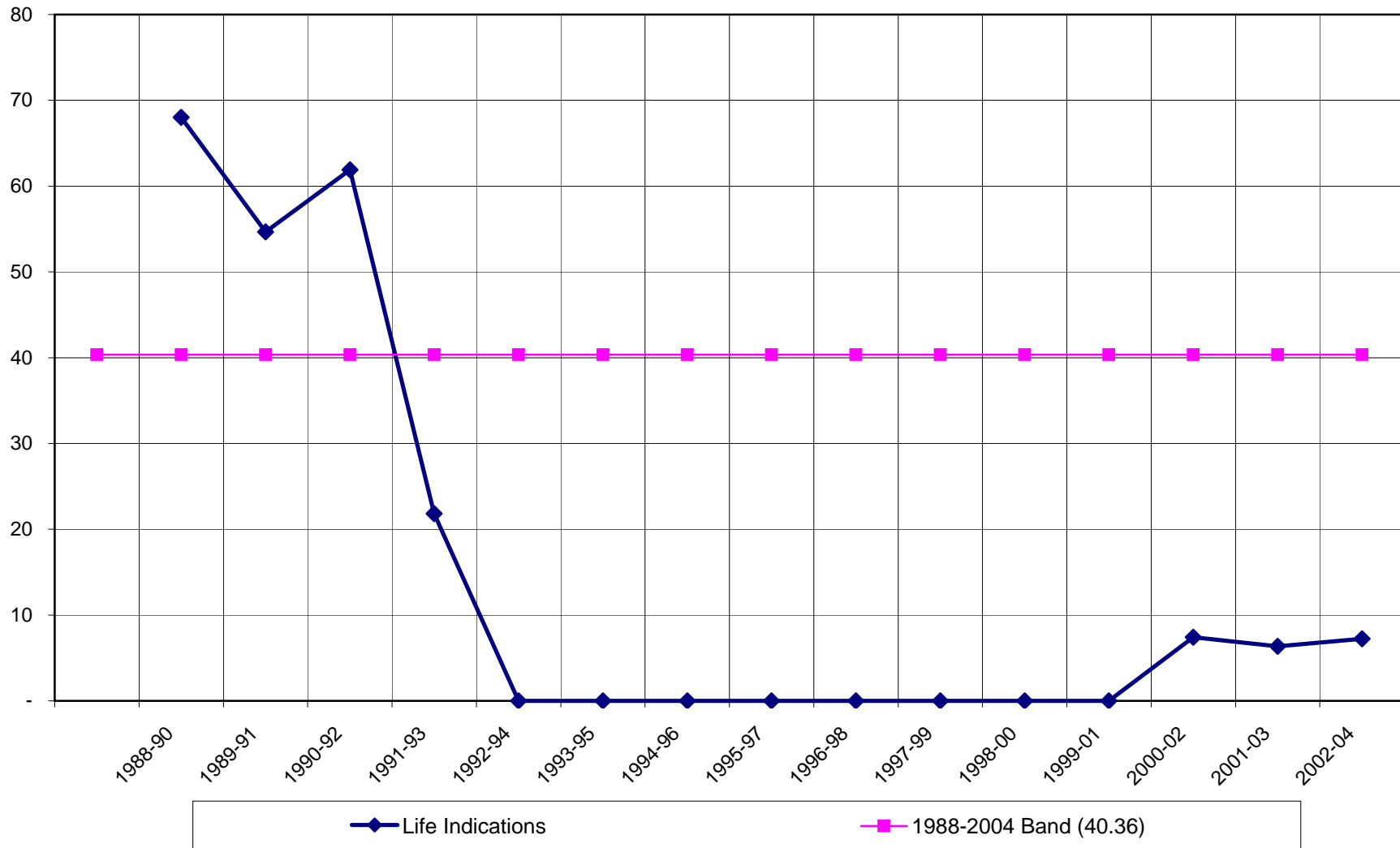
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 387 - Other Equipment

Year	3 Year Band													
	<u>BOY Plant Balance</u>	<u>Avg. Plant Balance</u>	<u>Single Year Additions</u>	<u>Single Year Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>	<u>3 Year Band</u>	<u>Avg. Plant Balance</u>	<u>Additions</u>	<u>Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>
	a	b=(a+(a+1))/2	c	d	e = c/b	f = d/b	g = 1/sqrt(e*f)	h	i	j	k	l = j/i	m = k/i	= 1/sqrt(l*m)
1988	2,946,618	2,946,618	-	-	-	-	-							
1989	2,946,618	3,553,698	1,215,914	1,754	0.34215	0.00049	76.95							
1990	4,160,778	4,600,278	889,890	10,891	0.19344	0.00237	46.73	1988-90	11,100,594	2,105,804	12,645	0.18970	0.00114	68.03
1991	5,039,777	5,754,480	1,435,034	5,628	0.24938	0.00098	64.03	1989-91	13,908,456	3,540,838	18,273	0.25458	0.00131	54.68
1992	6,469,183	6,748,049	567,615	9,884	0.08412	0.00146	90.09	1990-92	17,102,806	2,892,539	26,403	0.16913	0.00154	61.89
1993	7,026,914	6,957,780	206,348	344,617	0.02966	0.04953	26.09	1991-93	19,460,308	2,208,997	360,129	0.11351	0.01851	21.82
1994	6,888,645	6,483,086	(810,285)	834	(0.12498)	0.00013	-	1992-94	20,188,914	(36,322)	355,335	(0.00180)	0.01760	-
1995	6,077,526	6,130,633	112,122	5,909	0.01829	0.00096	238.18	1993-95	19,571,498	(491,815)	351,360	(0.02513)	0.01795	-
1996	6,183,739	4,193,054	(3,339,430)	641,941	(0.79642)	0.15310	-	1994-96	16,806,772	(4,037,593)	648,684	(0.24024)	0.03860	-
1997	2,202,368	2,206,956	9,176	-	0.00416	-	-	1995-97	12,530,642	(3,218,132)	647,850	(0.25682)	0.05170	-
1998	2,211,544	2,302,428	181,767	-	0.07895	-	-	1996-98	8,702,437	(3,148,487)	641,941	(0.36179)	0.07377	-
1999	2,393,311	2,127,105	(532,413)	-	(0.25030)	-	-	1997-99	6,636,488	(341,470)	-	(0.05145)	-	-
2000	1,860,898	1,863,408	5,020	-	0.00269	-	-	1998-00	6,292,940	(345,626)	-	(0.05492)	-	-
2001	1,865,918	2,057,256	382,676	-	0.18601	-	-	1999-01	6,047,769	(144,717)	-	(0.02393)	-	-
2002	2,248,594	2,094,964	463,901	771,161	0.22144	0.36810	3.50	2000-02	6,015,628	851,597	771,161	0.14156	0.12819	7.42
2003	1,941,334	2,148,723	421,648	6,870	0.19623	0.00320	39.92	2001-03	6,300,943	1,268,225	778,031	0.20128	0.12348	6.34
2004	2,356,112	2,464,072	215,919	-	0.08763	-	-	2002-04	6,707,759	1,101,468	778,031	0.16421	0.11599	7.25
1988-2004	64,819,877	64,632,584	1,424,902	1,799,489	0.02205	0.02784	40.36							

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 387 - Other Equipment



SPR Results
Questar Gas Company
Account: 390 - Structures and Improvements

Curve	Life	Sum of Squared Differences	Index of of Variation
BAND: 1990 - 2004			
L2	77	7.27E+12	103
L1.5	77	8.50E+12	111
L1	77	9.90E+12	120
S0	77	1.12E+13	127
L0.5	77	1.32E+13	138
R1	77	1.35E+13	140
S-0.5	77	1.54E+13	150
R0.5	77	1.69E+13	157
L0	77	1.71E+13	158
O1	77	2.09E+13	174
O2	77	2.36E+13	185
O3	77	3.65E+13	231
O4	77	5.60E+13	285
S0.5	1	1.42E+15	1,436
R1.5	1	1.42E+15	1,436
S1	1	1.43E+15	1,442
R2	1	1.43E+15	1,442
S1.5	1	1.44E+15	1,448
R2.5	1	1.44E+15	1,448
S2	1	1.45E+15	1,454
R3	1	1.45E+15	1,455
L3	1	1.46E+15	1,456
S3	1	1.47E+15	1,463
R4	1	1.47E+15	1,463
L4	1	1.47E+15	1,464
S4	1	1.48E+15	1,467
L5	1	1.48E+15	1,467
R5	1	1.48E+15	1,467
S5	1	1.48E+15	1,467
SQ	1	1.48E+15	1,467
S6	1	1.48E+15	1,467

Minimum Equipment Life Expectancy: 1
 Maximum Equipment Life Expectancy: 77
 Life Expectancy Increment: 1
 Begin Year: 1990
 End Year: 2004
 Year Fit Increment: 0

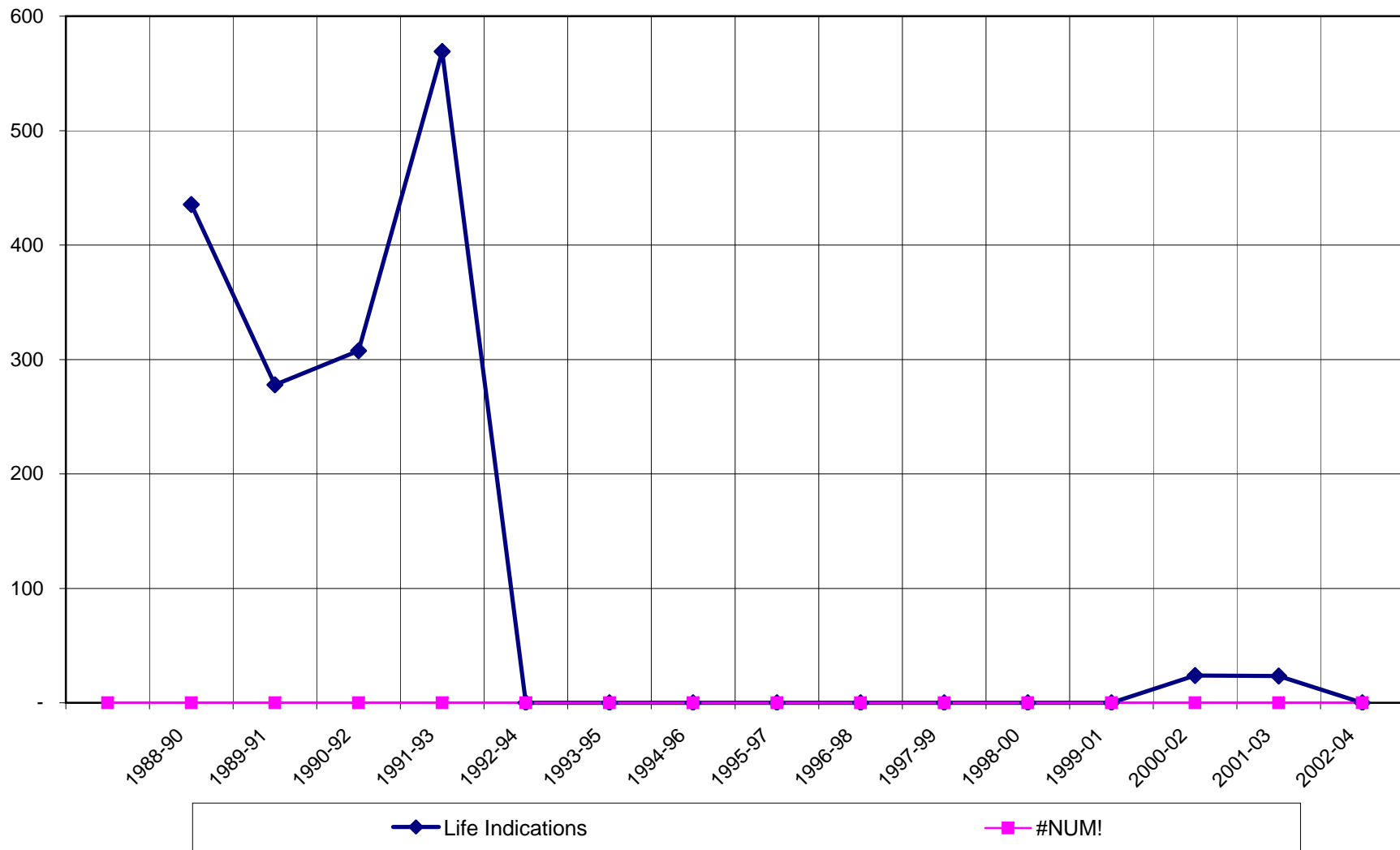
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 390 - Structures and Improvements

Year	3 Year Band													
	<u>BOY Plant Balance</u> a	<u>Avg. Plant Balance</u> b=(a+(a+1))/2	<u>Single Year Additions</u> c	<u>Single Year Retirements</u> d	<u>Addition Ratio</u> e = c/b	<u>Retirement Ratio</u> f = d/b	<u>Geometric Mean Life Estimate</u> g = 1/sqrt(e*f)	<u>3 Year Band</u> h	<u>Avg. Plant Balance</u> i	<u>Additions</u> j	<u>Retirements</u> k	<u>Addition Ratio</u> l = j/i	<u>Retirement Ratio</u> m = k/i	<u>Geometric Mean Life Estimate</u> = 1/sqrt(l*m)
1988	14,166,772	14,166,772	-	-	-	-	-	-	-	-	-	-	-	-
1989	14,166,772	14,267,196	201,647	800	0.01413	0.00006	1,123.31	-	-	-	-	-	-	-
1990	14,367,619	14,862,415	997,042	7,450	0.06708	0.00050	172.45	1988-90	43,296,383	1,198,689	8,250	0.02769	0.00019	435.38
1991	15,357,211	16,384,339	2,054,256	-	0.12538	-	-	1989-91	45,513,950	3,252,945	8,250	0.07147	0.00018	277.83
1992	17,411,467	17,575,948	328,961	-	0.01872	-	-	1990-92	48,822,702	3,380,259	7,450	0.06924	0.00015	307.66
1993	17,740,428	17,833,534	189,431	3,220	0.01062	0.00018	722.08	1991-93	51,793,820	2,572,648	3,220	0.04967	0.00006	569.06
1994	17,926,639	10,068,159	(15,716,960)	-	(1.56106)	-	-	1992-94	45,477,640	(15,198,568)	3,220	(0.33420)	0.00007	-
1995	2,209,679	2,209,679	-	-	-	-	-	1993-95	30,111,372	(15,527,529)	3,220	(0.51567)	0.00011	-
1996	2,209,679	2,209,679	-	-	-	-	-	1994-96	14,487,517	(15,716,960)	-	(1.08486)	-	-
1997	2,209,679	2,209,679	-	-	-	-	-	1995-97	6,629,037	-	-	-	-	-
1998	2,209,679	2,210,351	1,344	-	0.00061	-	-	1996-98	6,629,709	1,344	-	0.00020	-	-
1999	2,211,023	2,211,023	-	-	-	-	-	1997-99	6,631,053	1,344	-	0.00020	-	-
2000	2,211,023	2,904,562	1,387,078	-	0.47755	-	-	1998-00	7,325,936	1,388,422	-	0.18952	-	-
2001	3,598,101	3,959,265	722,328	-	0.18244	-	-	1999-01	9,074,850	2,109,406	-	0.23245	-	-
2002	4,320,429	4,265,970	(4,863)	104,055	(0.00114)	0.02439	-	2000-02	11,129,797	2,104,543	104,055	0.18909	0.00935	23.78
2003	4,211,511	4,028,579	(54,343)	311,521	(0.01349)	0.07733	-	2001-03	12,253,814	663,122	415,576	0.05412	0.03391	23.34
2004	3,845,647	3,846,524	6,609	4,855	0.00172	0.00126	679.06	2002-04	12,141,073	(52,597)	420,431	(0.00433)	0.03463	-
1988-2004	140,373,358	135,213,673	(9,887,470)	431,901	(0.07312)	0.00319	#NUM!							

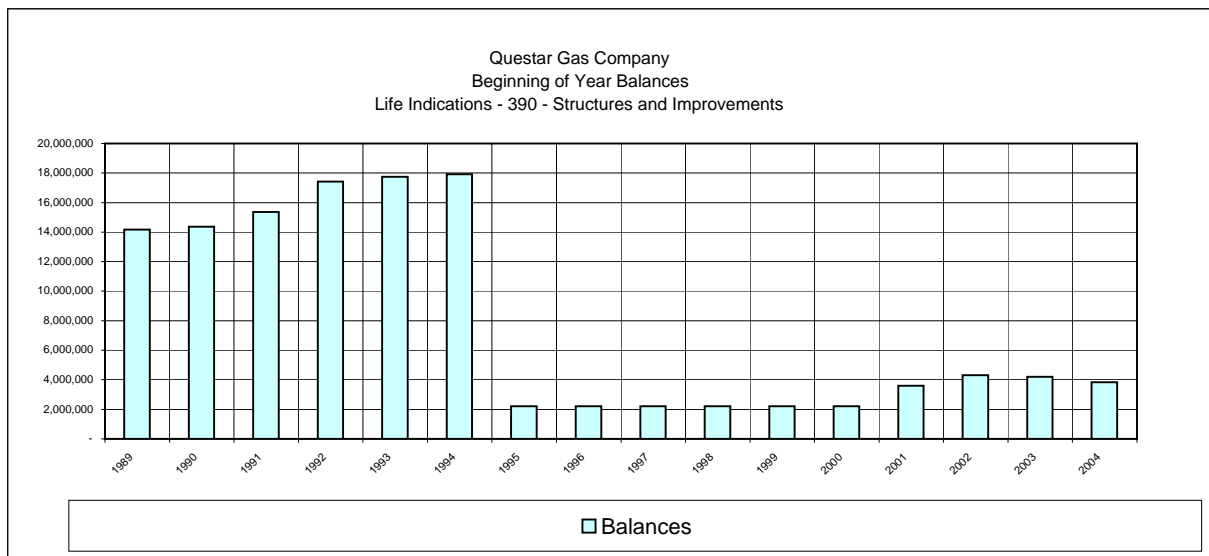
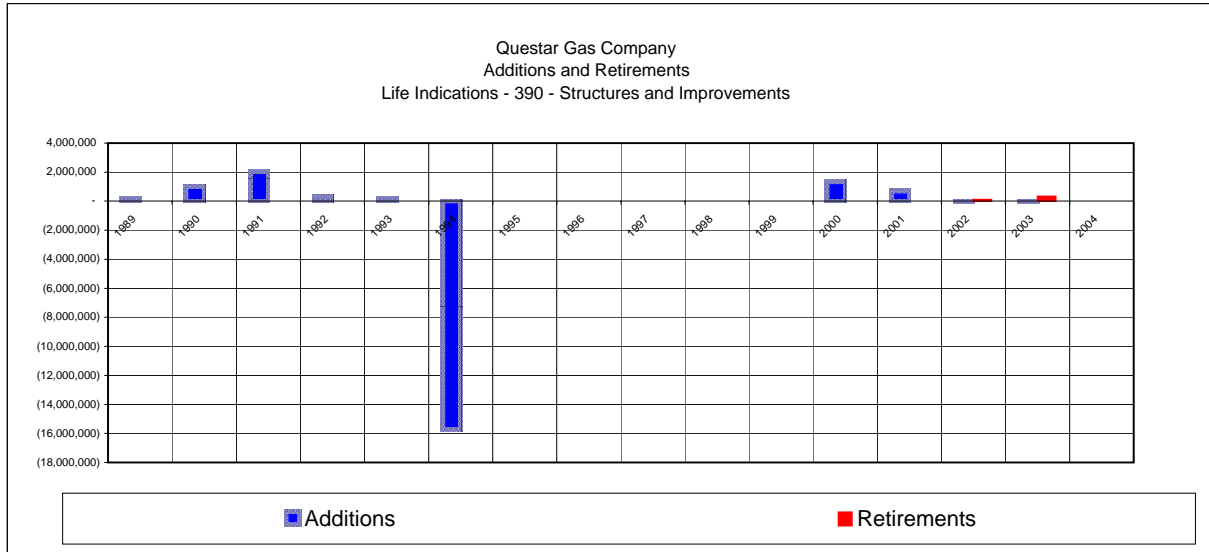
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 390 - Structures and Improvements



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 390 - Structures and Improvements



SPR Results
Questar Gas Company
Account: 391 - Office Furniture and Equipment

Curve	Life	Sum of Squared Differences	Index of Variation
BAND: 1990 - 2004			
R2	11	9.89E+13	57
S1.5	11	1.06E+14	59
S1	11	1.06E+14	59
L1.5	12	1.06E+14	59
R2.5	11	1.07E+14	59
S0.5	12	1.08E+14	60
R1.5	12	1.10E+14	60
L1	13	1.10E+14	60
S0	12	1.11E+14	60
R1	12	1.11E+14	60
L0.5	14	1.17E+14	62
L2	12	1.17E+14	62
S2	11	1.20E+14	63
L3	11	1.21E+14	63
L0	15	1.25E+14	64
S-0.5	13	1.25E+14	64
R0.5	13	1.28E+14	65
R3	11	1.33E+14	66
O1	15	1.41E+14	68
O2	17	1.41E+14	68
R4	10	1.46E+14	69
S3	10	1.47E+14	70
O3	24	1.49E+14	70
O4	33	1.52E+14	71
L4	10	1.57E+14	72
S4	10	1.59E+14	72
L5	10	1.71E+14	75
R5	10	1.71E+14	75
S5	10	1.82E+14	77
S6	10	2.08E+14	83
SQ	10	2.60E+14	93

Minimum Equipment Life Expectancy: 3
Maximum Equipment Life Expectancy: 80
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

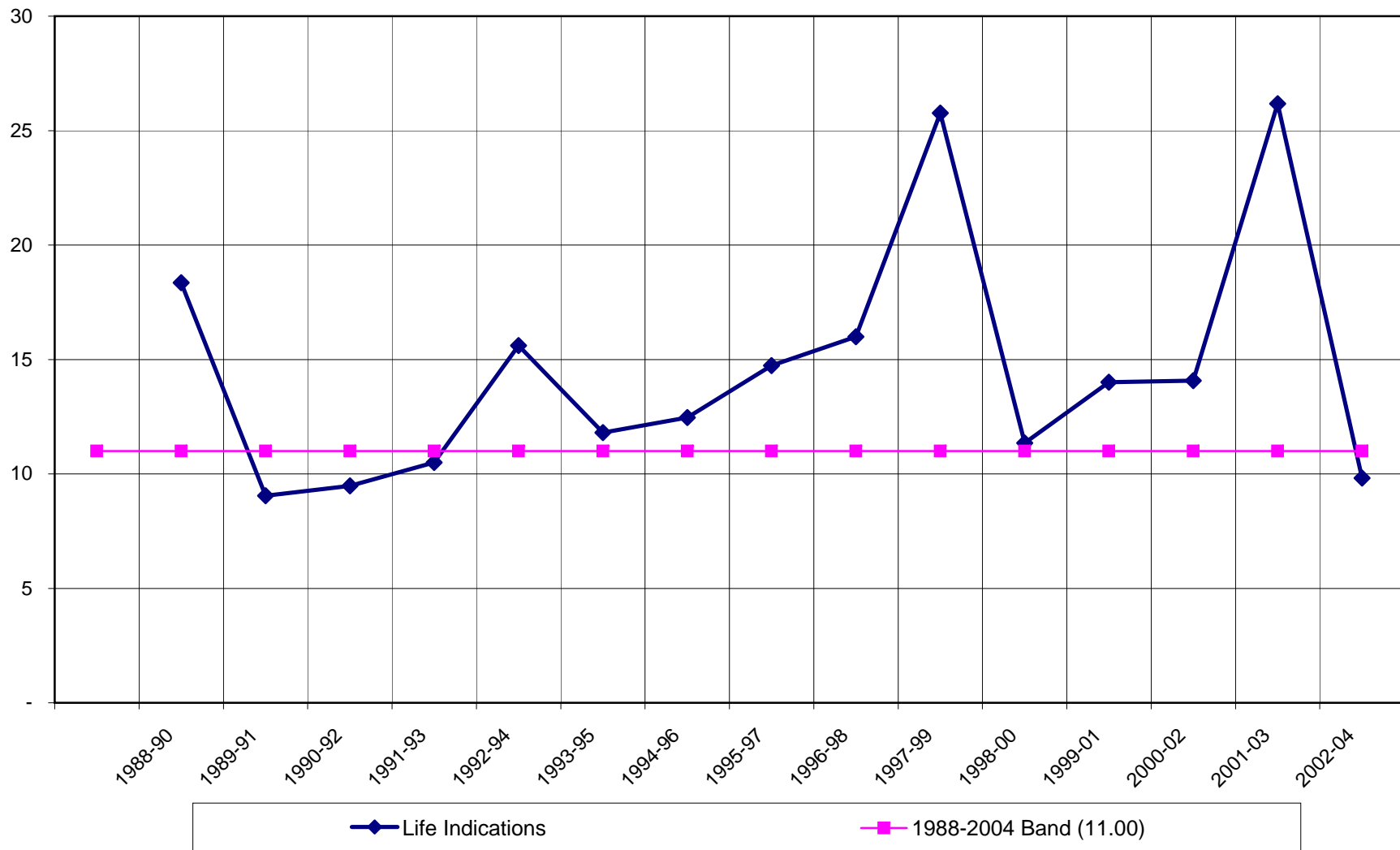
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 391 - Office Furniture and Equipment

Year	BOY Plant Balance <u>a</u>	Avg. Plant Balance <u>b=(a+(a+1))/2</u>	Single Year Additions <u>c</u>	Single Year Retirements <u>d</u>	Addition Ratio <u>e = c/b</u>	Retirement Ratio <u>f = d/b</u>	Geometric Mean Life Estimate <u>g = 1/sqrt(e*f)</u>	3 Year Band					Addition Ratio <u>l = j/i</u>	Retirement Ratio <u>m = k/i</u>	Geometric Mean Life Estimati <u>= 1/sqrt(l*m)</u>
								3 Year Band <u>h</u>	Avg. Plant Balance <u>i</u>	Additions <u>j</u>	Retirements <u>k</u>				
1988	5,959,033	5,959,033	-	-	-	-	-								
1989	5,959,033	6,271,769	1,047,459	421,987	0.16701	0.06728	9.43								
1990	6,584,505	6,725,390	534,384	252,615	0.07946	0.03756	18.30	1988-90	18,956,192	1,581,843	674,602	0.08345	0.03559	18.35	
1991	6,866,274	10,796,590	7,914,430	53,799	0.73305	0.00498	16.55	1989-91	23,793,748	9,496,273	728,401	0.39911	0.03061	9.05	
1992	14,726,905	16,240,435	3,760,904	733,844	0.23158	0.04519	9.78	1990-92	33,762,414	12,209,718	1,040,258	0.36164	0.03081	9.47	
1993	17,753,965	22,049,607	8,866,824	275,540	0.40213	0.01250	14.11	1991-93	49,086,632	20,542,158	1,063,183	0.41849	0.02166	10.50	
1994	26,345,249	27,712,590	2,878,613	143,931	0.10387	0.00519	43.05	1992-94	66,002,632	15,506,341	1,153,315	0.23494	0.01747	15.61	
1995	29,079,931	29,317,766	3,080,752	2,605,082	0.10508	0.08886	10.35	1993-95	79,079,963	14,826,189	3,024,553	0.18748	0.03825	11.81	
1996	29,555,601	35,187,673	11,629,827	365,683	0.33051	0.01039	17.06	1994-96	92,218,029	17,589,192	3,114,696	0.19073	0.03378	12.46	
1997	40,819,745	40,988,796	696,333	358,231	0.01699	0.00874	82.07	1995-97	105,494,235	15,406,912	3,328,996	0.14605	0.03156	14.73	
1998	41,157,847	48,373,076	15,858,676	1,428,219	0.32784	0.02953	10.16	1996-98	124,549,545	28,184,836	2,152,133	0.22629	0.01728	15.99	
1999	55,588,304	56,250,066	1,323,524	-	0.02353	-	-	1997-99	145,611,938	17,878,533	1,786,450	0.12278	0.01227	25.77	
2000	56,911,828	57,682,006	8,172,667	6,632,311	0.14168	0.11498	7.83	1998-00	162,305,148	25,354,867	8,060,530	0.15622	0.04966	11.35	
2001	58,452,184	64,363,249	12,546,297	724,167	0.19493	0.01125	21.35	1999-01	178,295,321	22,042,488	7,356,478	0.12363	0.04126	14.00	
2002	70,274,314	73,487,379	6,229,450	(196,680)	0.08477	(0.00268)	-	2000-02	195,532,634	26,948,414	7,159,798	0.13782	0.03662	14.08	
2003	76,700,444	74,900,604	(511,336)	3,088,344	(0.00683)	0.04123	-	2001-03	212,751,232	18,264,411	3,615,831	0.08585	0.01700	26.18	
2004	73,100,764	75,371,349	21,050,758	16,509,588	0.27929	0.21904	4.04	2002-04	223,759,332	26,768,872	19,401,252	0.11963	0.08671	9.82	
1988-2004	615,835,926	651,677,377	105,079,562	33,396,661	0.16124	0.05125	11.00								

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 391 - Office Furniture and Equipment



SPR Results
Questar Gas Company
Account: 392 - Transportation Equipment

Curve	Life	Sum of Squared Differences	Index of of Variation
BAND: 1990 - 2004			
O3	15	4.47E+12	25
O4	20	5.91E+12	29
O1	10	6.27E+12	30
O2	12	6.81E+12	31
L0	11	7.69E+12	33
R0.5	10	1.03E+13	39
S-0.5	10	1.07E+13	40
L0.5	10	1.90E+13	53
L1	10	2.31E+13	58
S0	10	2.47E+13	60
R1	10	2.52E+13	61
L1.5	10	3.49E+13	71
S0.5	10	4.01E+13	76
R1.5	10	4.43E+13	80
L2	10	5.24E+13	87
S1	10	6.02E+13	94
R2	10	6.93E+13	100
S1.5	9	7.89E+13	107
R2.5	9	8.39E+13	110
S2	9	9.20E+13	116
L3	9	9.29E+13	116
R3	9	1.01E+14	121
S3	9	1.15E+14	130
L4	9	1.23E+14	134
R4	9	1.28E+14	136
S4	9	1.41E+14	143
L5	9	1.46E+14	146
R5	9	1.54E+14	150
S5	9	1.60E+14	153
S6	9	1.75E+14	159
SQ	9	1.96E+14	169

Minimum Equipment Life Expectancy: 3
 Maximum Equipment Life Expectancy: 40
 Life Expectancy Increment: 1
 Begin Year: 1990
 End Year: 2004
 Year Fit Increment: 0

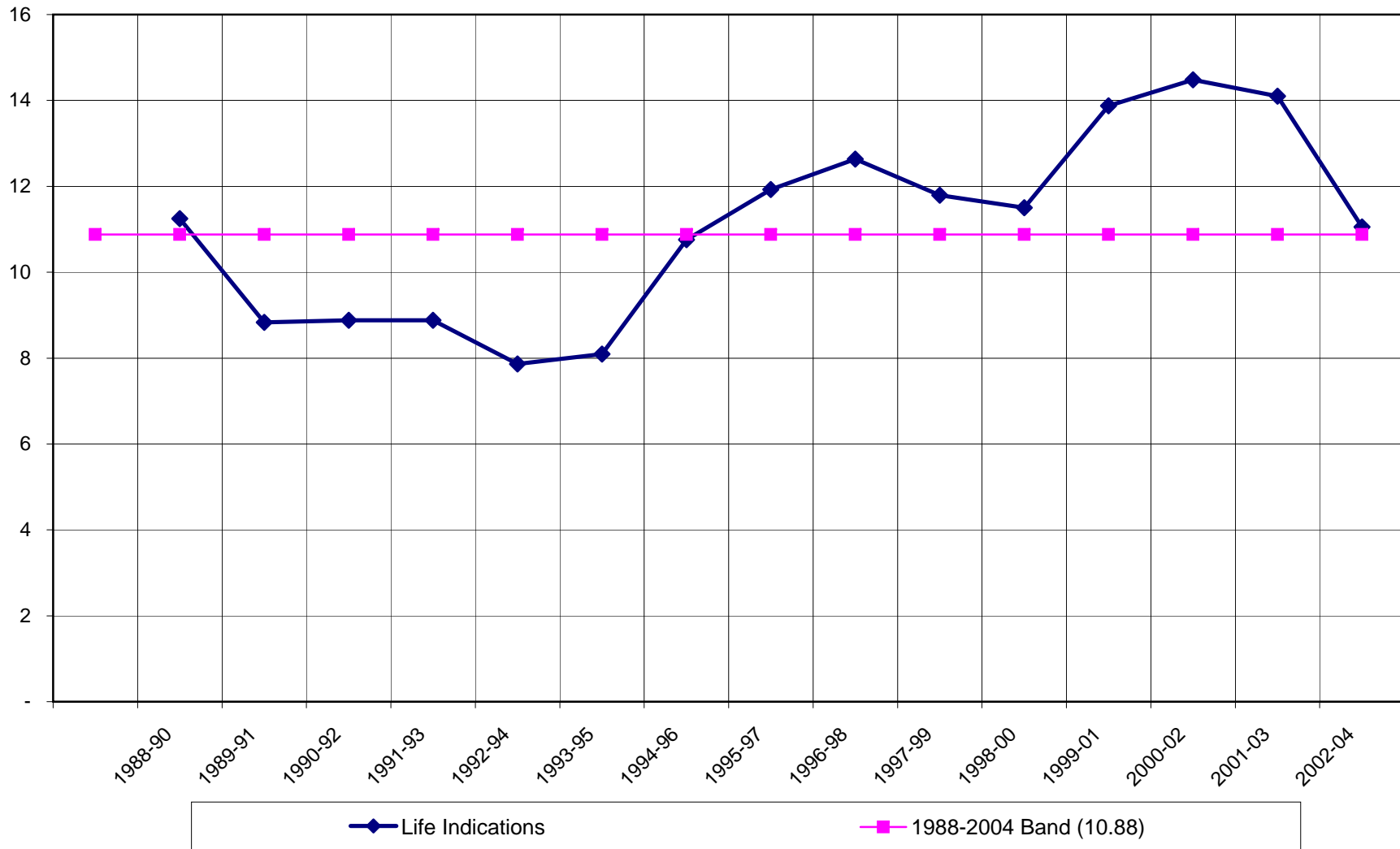
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 392 - Transportation Equipment

Year	3 Year Band													
	<u>BOY Plant Balance</u>	<u>Avg. Plant Balance</u>	<u>Single Year Additions</u>	<u>Single Year Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>	<u>3 Year Band</u>	<u>Avg. Plant Balance</u>	<u>Additions</u>	<u>Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>
	a	b=(a+(a+1))/2	c	d	e = c/b	f = d/b	g = 1/sqrt(e*f)	h	i	j	k	l = j/i	m = k/i	= 1/sqrt(l*m)
1988	7,895,429	7,895,429	-	-	-	-	-							
1989	7,895,429	8,244,171	1,390,737	693,253	0.16869	0.08409	8.40							
1990	8,592,913	9,700,078	2,785,314	570,985	0.28714	0.05886	7.69	1988-90	25,839,678	4,176,051	1,264,238	0.16161	0.04893	11.25
1991	10,807,242	10,992,587	1,129,958	759,269	0.10279	0.06907	11.87	1989-91	28,936,835	5,306,009	2,023,507	0.18337	0.06993	8.83
1992	11,177,931	12,570,088	3,376,834	592,521	0.26864	0.04714	8.89	1990-92	33,262,752	7,292,106	1,922,775	0.21923	0.05781	8.88
1993	13,962,244	14,563,271	2,485,862	1,283,809	0.17069	0.08815	8.15	1991-93	38,125,945	6,992,654	2,635,599	0.18341	0.06913	8.88
1994	15,164,297	17,237,121	5,159,795	1,014,147	0.29934	0.05884	7.54	1992-94	44,370,479	11,022,491	2,890,477	0.24842	0.06514	7.86
1995	19,309,945	19,865,734	2,739,028	1,627,450	0.13788	0.08192	9.41	1993-95	51,666,126	10,384,685	3,925,406	0.20100	0.07598	8.09
1996	20,421,523	21,818,704	2,925,618	131,256	0.13409	0.00602	35.21	1994-96	58,921,559	10,824,441	2,772,853	0.18371	0.04706	10.75
1997	23,215,885	23,024,876	1,801,337	2,183,355	0.07823	0.09483	11.61	1995-97	64,709,314	7,465,983	3,942,061	0.11538	0.06092	11.93
1998	22,833,867	23,718,547	3,178,934	1,409,575	0.13403	0.05943	11.20	1996-98	68,562,127	7,905,889	3,724,186	0.11531	0.05432	12.64
1999	24,603,226	25,821,619	3,376,460	939,674	0.13076	0.03639	14.50	1997-99	72,565,042	8,356,731	4,532,604	0.11516	0.06246	11.79
2000	27,040,012	26,990,634	2,462,701	2,561,457	0.09124	0.09490	10.75	1998-00	76,530,800	9,018,095	4,910,706	0.11784	0.06417	11.50
2001	26,941,256	27,100,295	1,399,233	1,081,156	0.05163	0.03989	22.03	1999-01	79,912,548	7,238,394	4,582,287	0.09058	0.05734	13.88
2002	27,259,333	26,533,583	1,124,443	2,575,944	0.04238	0.09708	15.59	2000-02	80,624,511	4,986,377	6,218,557	0.06185	0.07713	14.48
2003	25,807,832	25,666,662	2,437,340	2,719,681	0.09496	0.10596	9.97	2001-03	79,300,539	4,961,016	6,376,781	0.06256	0.08041	14.10
2004	25,525,491	26,238,822	3,382,050	1,955,389	0.12889	0.07452	10.20	2002-04	78,439,066	6,943,833	7,251,014	0.08853	0.09244	11.05
1988-2004	318,453,855	327,982,217	41,155,644	22,098,921	0.12548	0.06738	10.88							

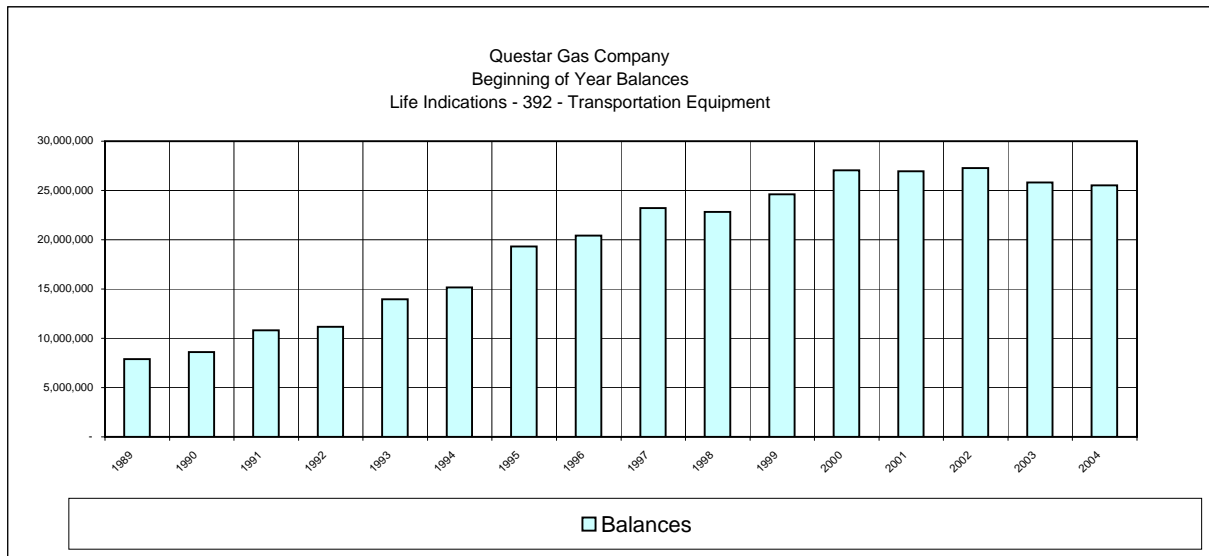
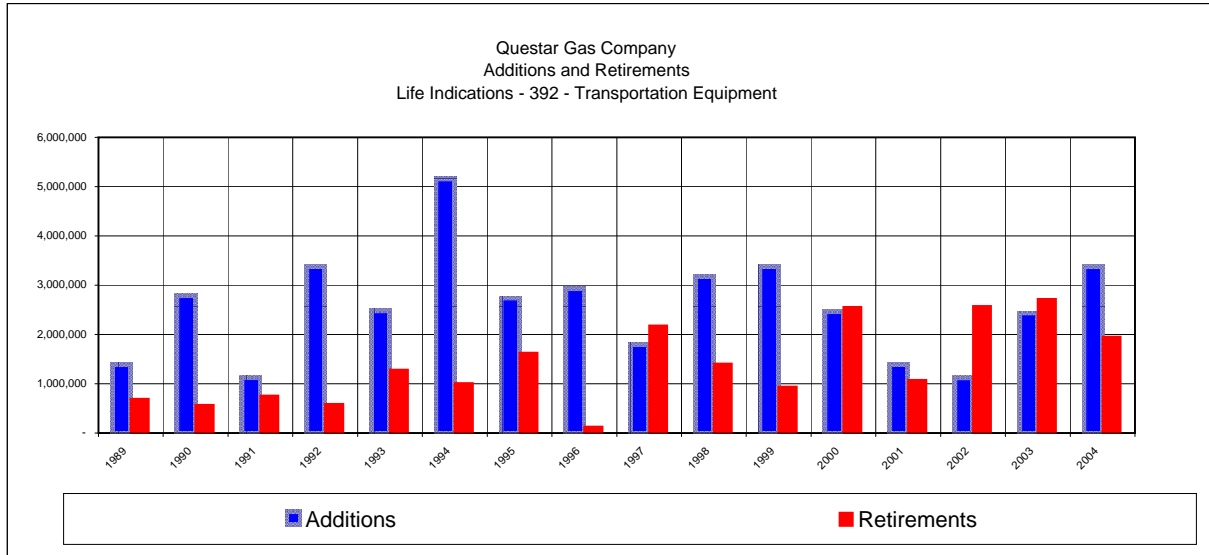
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 392 - Transportation Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 392 - Transportation Equipment



SPR Results
Questar Gas Company
Account: 393 - Stores Equipment

Curve	Life	Sum of Squared Differences	Index of Variation
BAND: 1990 - 2004			
L4	24	1.00E+09	12
S3	25	1.07E+09	13
R4	25	1.30E+09	14
L5	21	1.31E+09	14
R5	20	1.36E+09	14
S4	22	1.38E+09	14
S2	31	1.41E+09	14
L3	29	1.42E+09	14
S1.5	37	1.88E+09	17
L2	39	2.02E+09	17
S1	43	2.08E+09	17
R3	33	2.19E+09	18
L1.5	52	2.47E+09	19
S5	20	2.53E+09	19
S0.5	58	2.65E+09	20
L1	62	2.78E+09	20
R2.5	44	2.95E+09	21
R2	60	3.29E+09	22
S0	62	3.47E+09	23
S6	19	4.47E+09	26
R1.5	62	4.89E+09	27
L0.5	62	6.54E+09	31
SQ	17	6.81E+09	32
R1	62	9.03E+09	36
S-0.5	62	1.28E+10	43
L0	62	1.51E+10	47
R0.5	62	1.82E+10	52
O1	62	3.17E+10	68
O2	62	4.16E+10	78
O3	62	9.81E+10	120
O4	62	1.97E+11	170

Minimum Equipment Life Expectancy: 8
Maximum Equipment Life Expectancy: 62
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

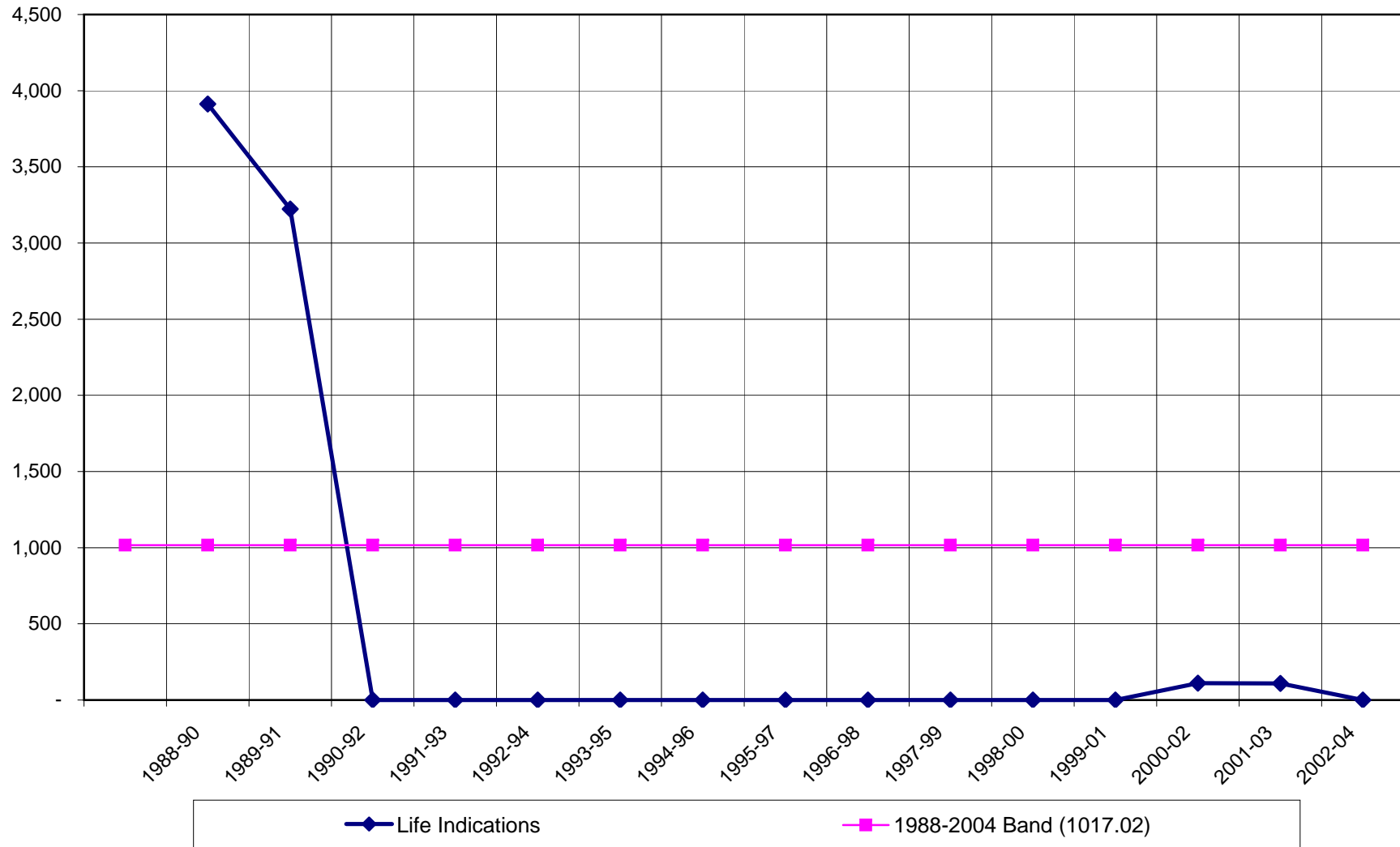
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 393 - Stores Equipment

Year	BOY Plant Balance a	Avg. Plant Balance b=(a+(a+1))/2	Single Year Additions c	Single Year Retirements d	Addition Ratio e = c/b	Retirement Ratio f = d/b	Geometric Mean Life Estimate g = 1/sqrt(e*f)	3 Year Band			Addition Ratio l = j/i	Retirement Ratio m = k/i	Geometric Mean Life Estimate	
								3 Year Band h	Avg. Plant Balance i	Additions j				Retirements k
1988	681,939	681,939	-	-	-	-	-							
1989	681,939	681,830	-	218	-	0.00032	-							
1990	681,721	682,349	1,255	-	0.00184	-	-	1988-90	2,046,118	1,255	218	0.00061	0.00011	3,911.83
1991	682,976	683,274	596	-	0.00087	-	-	1989-91	2,047,453	1,851	218	0.00090	0.00011	3,223.16
1992	683,572	683,572	-	-	-	-	-	1990-92	2,049,195	1,851	-	0.00090	-	-
1993	683,572	683,572	-	-	-	-	-	1991-93	2,050,418	596	-	0.00029	-	-
1994	683,572	683,572	-	-	-	-	-	1992-94	2,050,716	-	-	-	-	-
1995	683,572	683,547	-	50	-	0.00007	-	1993-95	2,050,691	-	50	-	0.00002	-
1996	683,522	683,522	-	-	-	-	-	1994-96	2,050,641	-	50	-	0.00002	-
1997	683,522	683,522	-	-	-	-	-	1995-97	2,050,591	-	50	-	0.00002	-
1998	683,522	680,466	(6,112)	-	(0.00898)	-	-	1996-98	2,047,510	(6,112)	-	(0.00299)	-	-
1999	677,410	677,410	-	-	-	-	-	1997-99	2,041,398	(6,112)	-	(0.00299)	-	-
2000	677,410	677,410	-	-	-	-	-	1998-00	2,035,286	(6,112)	-	(0.00300)	-	-
2001	677,410	680,878	6,936	-	0.01019	-	-	1999-01	2,035,698	6,936	-	0.00341	-	-
2002	684,346	660,658	-	47,376	-	0.07171	-	2000-02	2,018,946	6,936	47,376	0.00344	0.02347	111.38
2003	636,970	636,970	-	-	-	-	-	2001-03	1,978,506	6,936	47,376	0.00351	0.02395	109.14
2004	636,970	636,970	-	-	-	-	-	2002-04	1,934,598	-	47,376	-	0.02449	-
1988-2004	11,503,945	11,481,461	2,675	47,644	0.00023	0.00415	1,017.02							

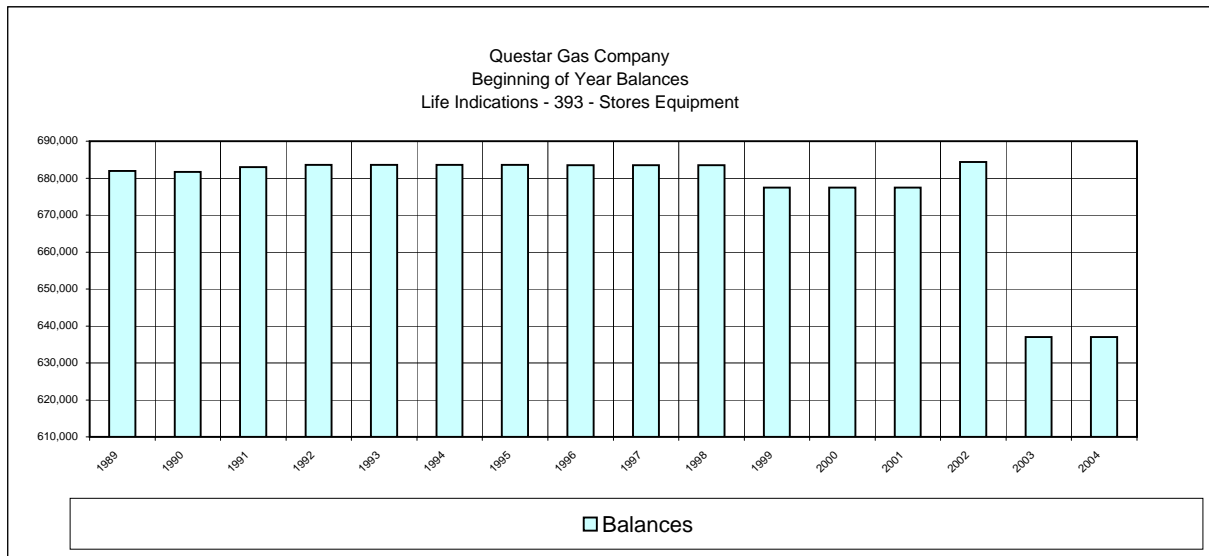
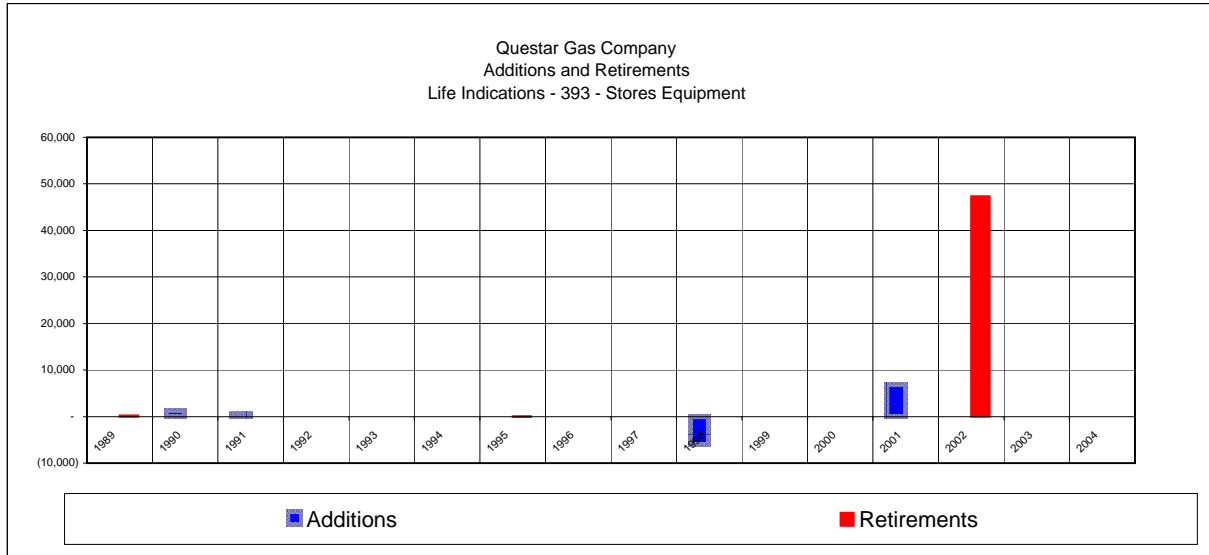
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 393 - Stores Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 393 - Stores Equipment



SPR Results
Questar Gas Company
Account: 394 - Tools, Shop and Garage Equipment

Curve	Life	Sum of Squared Differences	Index of of Variation
BAND: 1990 - 2004			
R5	16	6.26E+11	14
L4	18	6.79E+11	14
S4	17	7.06E+11	15
S5	16	7.56E+11	15
S3	18	7.70E+11	15
R4	18	8.18E+11	16
L5	16	8.38E+11	16
L3	20	8.57E+11	16
S2	21	9.59E+11	17
L2	25	1.22E+12	19
S1.5	24	1.26E+12	20
R3	21	1.30E+12	20
S6	15	1.44E+12	21
S1	27	1.45E+12	21
L1.5	30	1.62E+12	22
R2.5	24	1.79E+12	23
L1	36	1.81E+12	24
S0.5	32	1.83E+12	24
S0	39	2.05E+12	25
R2	29	2.15E+12	26
SQ	15	2.15E+12	26
L0.5	45	2.27E+12	26
R1.5	40	2.51E+12	28
R1	45	2.90E+12	30
S-0.5	45	3.67E+12	34
L0	45	4.24E+12	36
R0.5	45	5.20E+12	40
O1	45	9.65E+12	54
O2	45	1.33E+13	64
O3	45	3.65E+13	106
O4	45	7.96E+13	157

Minimum Equipment Life Expectancy: 2
 Maximum Equipment Life Expectancy: 45
 Life Expectancy Increment: 1
 Begin Year: 1990
 End Year: 2004
 Year Fit Increment: 0

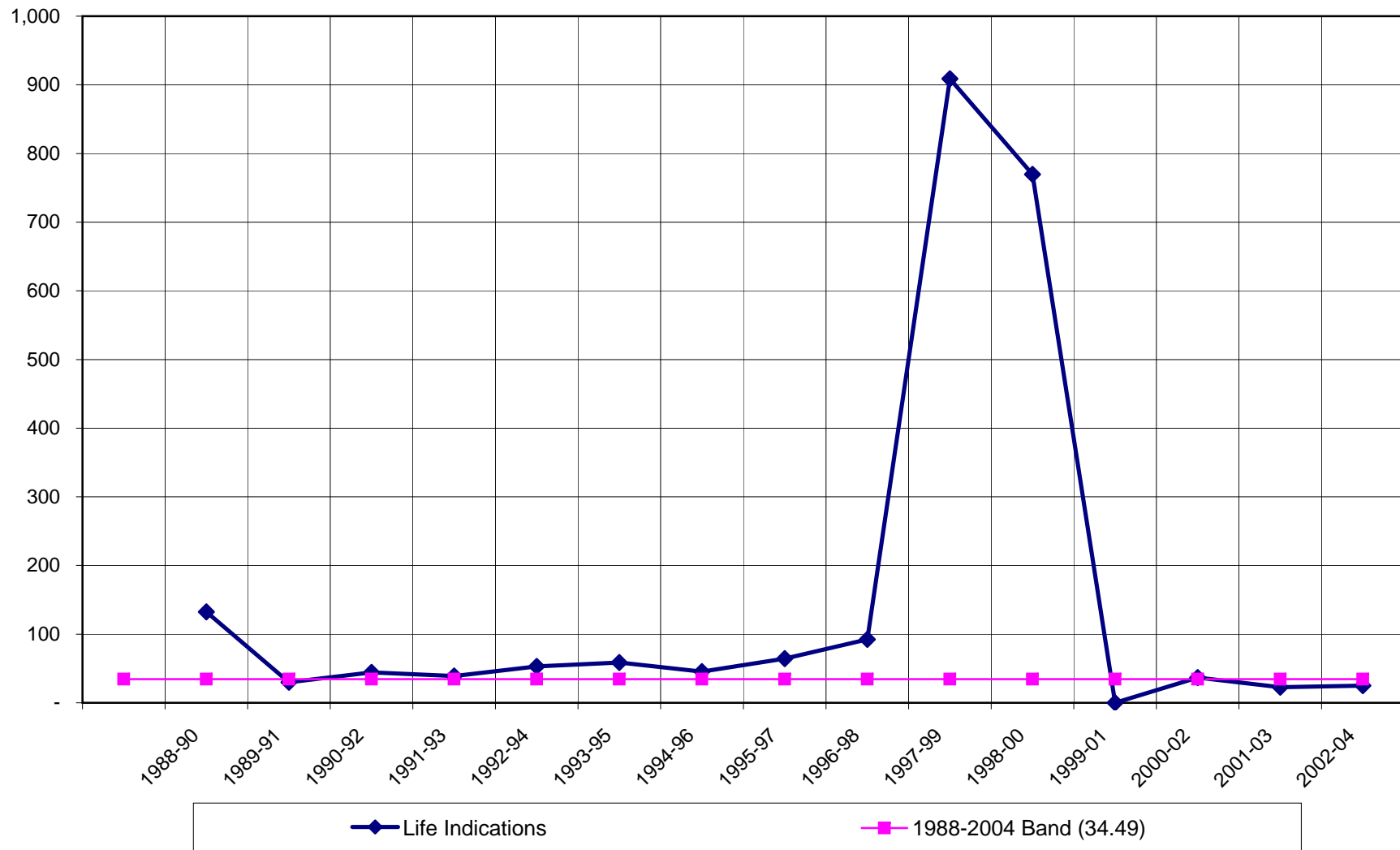
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 394 - Tools, Shop and Garage Equipment

Year	3 Year Band													
	<u>BOY Plant Balance</u>	<u>Avg. Plant Balance</u>	<u>Single Year Additions</u>	<u>Single Year Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>	<u>3 Year Band</u>	<u>Avg. Plant Balance</u>	<u>Additions</u>	<u>Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>
	a	b=(a+(a+1))/2	c	d	e = c/b	f = d/b	g = 1/sqrt(e*f)	h	i	j	k	l = j/i	m = k/i	= 1/sqrt(l*m)
1988	2,681,786	2,681,786	-	-	-	-	-							
1989	2,681,786	2,810,329	265,243	8,158	0.09438	0.00290	60.41							
1990	2,938,871	3,061,852	245,962	-	0.08033	-	-	1988-90	8,553,967	511,205	8,158	0.05976	0.00095	132.46
1991	3,184,833	5,276,343	4,204,659	21,639	0.79689	0.00410	17.49	1989-91	11,148,524	4,715,864	29,797	0.42300	0.00267	29.74
1992	7,367,853	8,461,875	2,188,044	-	0.25858	-	-	1990-92	16,800,070	6,638,665	21,639	0.39516	0.00129	44.33
1993	9,555,897	10,231,411	1,378,374	27,347	0.13472	0.00267	52.70	1991-93	23,969,629	7,771,077	48,986	0.32421	0.00204	38.85
1994	10,906,924	11,438,337	1,104,812	41,987	0.09659	0.00367	53.11	1992-94	30,131,622	4,671,230	69,334	0.15503	0.00230	52.95
1995	11,969,749	13,285,106	2,630,843	130	0.19803	0.00001	718.37	1993-95	34,954,853	5,114,029	69,464	0.14630	0.00199	58.65
1996	14,600,462	15,240,898	1,389,313	108,442	0.09116	0.00712	39.27	1994-96	39,964,340	5,124,968	150,559	0.12824	0.00377	45.50
1997	15,881,333	16,078,421	394,176	-	0.02452	-	-	1995-97	44,604,424	4,414,332	108,572	0.09897	0.00243	64.43
1998	16,275,509	16,591,175	634,295	2,963	0.03823	0.00018	382.71	1996-98	47,910,494	2,417,784	111,405	0.05046	0.00233	92.31
1999	16,906,841	16,894,636	(24,411)	-	(0.00144)	-	-	1997-99	49,564,232	1,004,060	2,963	0.02026	0.00006	908.70
2000	16,882,430	17,312,548	860,236	-	0.04969	-	-	1998-00	50,798,359	1,470,120	2,963	0.02894	0.00006	769.68
2001	17,742,666	18,316,758	1,148,183	-	0.06268	-	-	1999-01	52,523,941	1,984,008	-	0.03777	-	-
2002	18,890,849	19,789,983	2,326,225	527,957	0.11755	0.02668	17.86	2000-02	55,419,289	4,334,644	527,957	0.07822	0.00953	36.63
2003	20,689,117	20,175,128	231,172	1,259,151	0.01146	0.06241	37.39	2001-03	58,281,868	3,705,580	1,787,108	0.06358	0.03066	22.65
2004	19,661,138	19,971,107	650,667	30,729	0.03258	0.00154	141.24	2002-04	59,936,218	3,208,064	1,817,837	0.05352	0.03033	24.82
1988-2004	208,818,044	217,617,689	19,627,793	2,028,503	0.09019	0.00932	34.49							

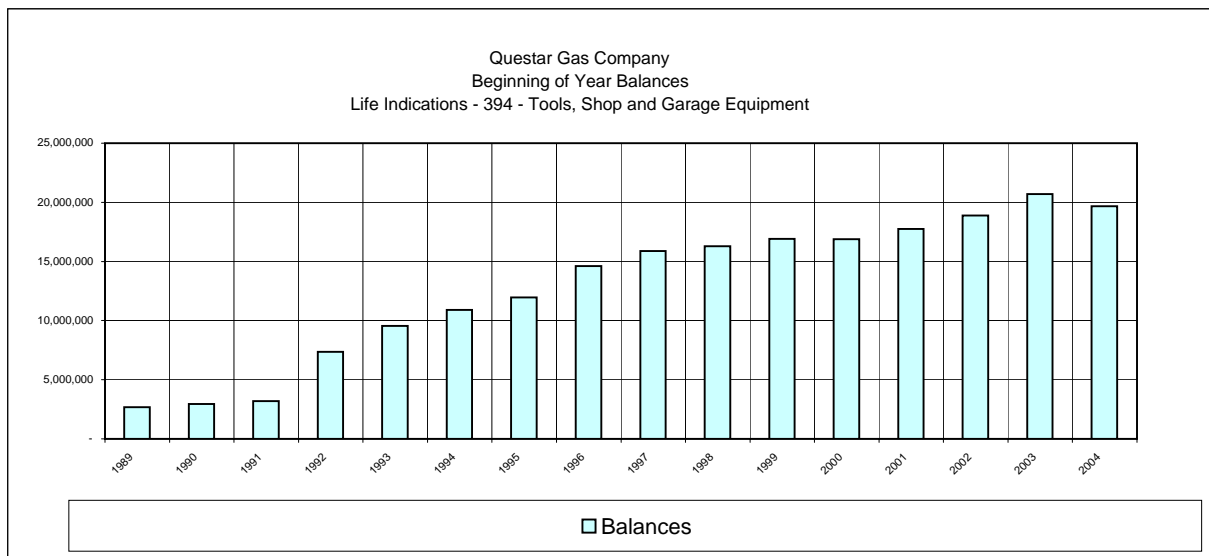
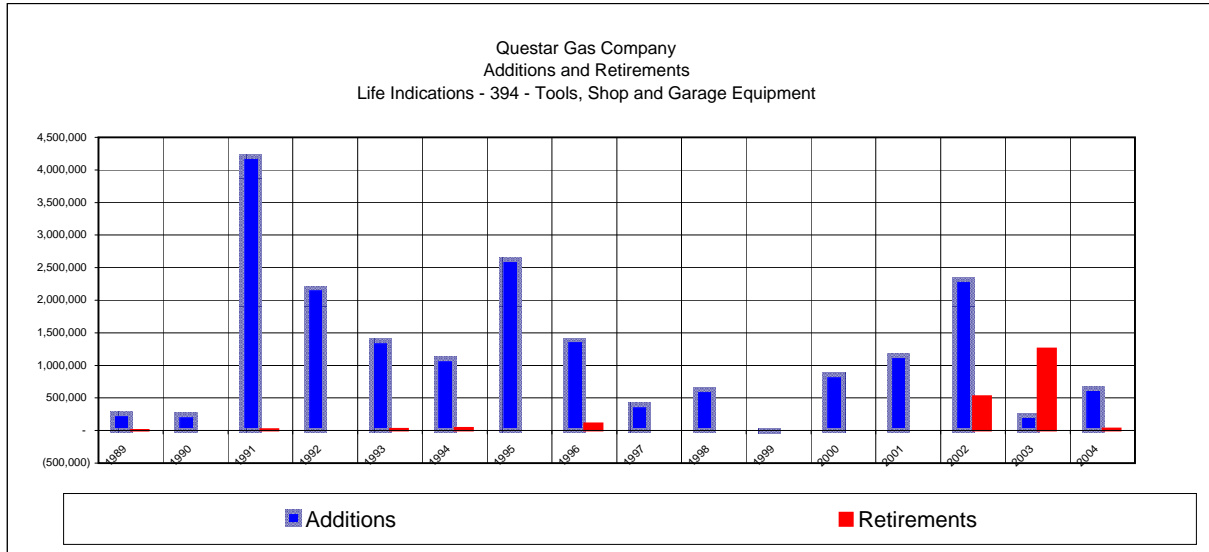
Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 394 - Tools, Shop and Garage Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances**

Account 394 - Tools, Shop and Garage Equipment



SPR Results
Questar Gas Company
Account: 395 - Laboratory Equipment

Curve	Life	Sum of Squared Differences	Index of Variation
BAND: 1990 - 2004			
L4	46	2.61E+04	
S4	35	2.84E+04	
R5	33	3.46E+04	
S5	26	5.04E+04	
L5	31	5.23E+04	
S6	22	6.18E+04	
S3	52	7.87E+04	
SQ	17	9.65E+04	
R4	52	4.45E+06	1
L3	52	1.78E+07	2
S2	52	3.09E+07	3
R3	52	2.26E+08	8
S1.5	52	2.66E+08	9
L2	52	4.39E+08	12
S1	52	7.35E+08	15
R2.5	52	1.03E+09	18
L1.5	52	1.79E+09	23
R2	52	2.43E+09	27
S0.5	52	2.61E+09	28
L1	52	4.07E+09	35
S0	52	5.69E+09	42
R1.5	52	5.88E+09	42
L0.5	52	1.02E+10	56
R1	52	1.08E+10	58
S-0.5	52	1.54E+10	69
L0	52	1.93E+10	77
R0.5	52	1.93E+10	77
O1	52	3.01E+10	96
O2	52	3.81E+10	108
O3	52	7.92E+10	156
O4	52	1.45E+11	211

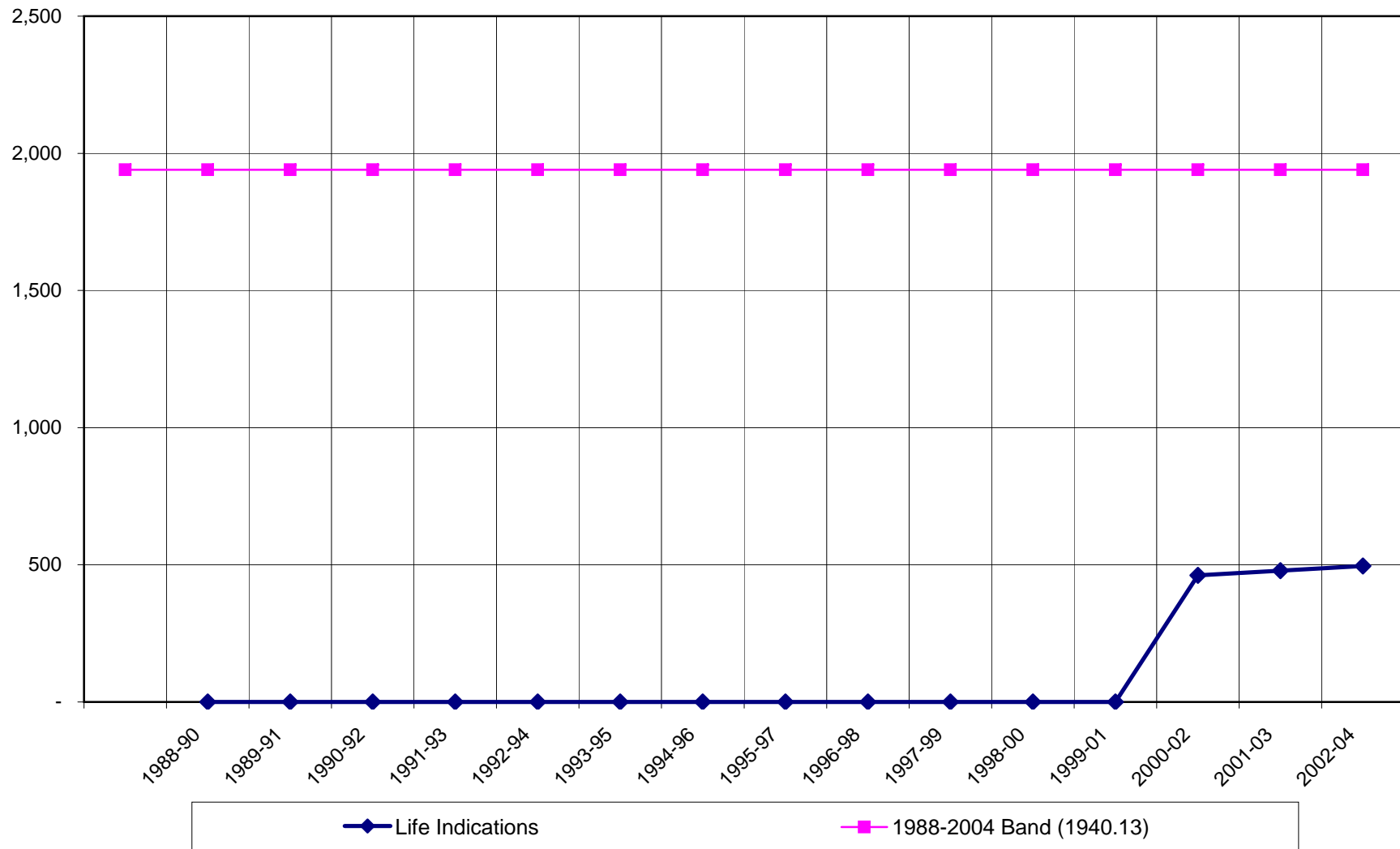
Minimum Equipment Life Expectancy: 6
Maximum Equipment Life Expectancy: 52
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis
Account 395 - Laboratory Equipment**

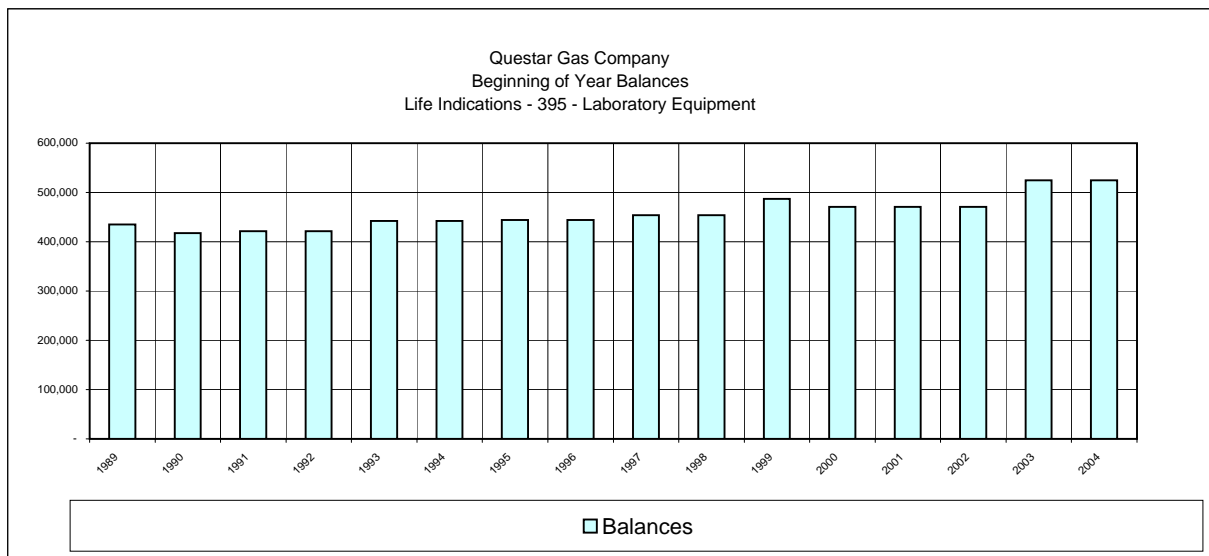
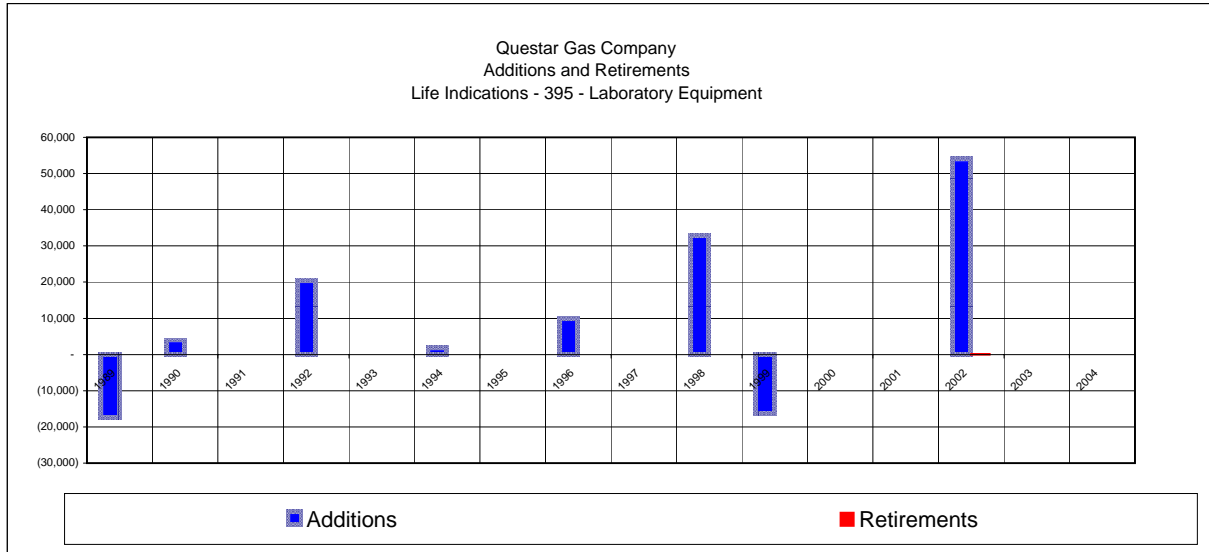
Year	BOY Plant Balance a	Avg. Plant Balance b=(a+(a+1))/2	Single Year Additions c	Single Year Retirements d	Addition Ratio e = c/b	Retirement Ratio f = d/b	Geometric Mean Life Estimate g = 1/sqrt(e*f)	3 Year Band			Addition Ratio l = j/i	Retirement Ratio m = k/i	Geometric Mean Life Estimate = 1/sqrt(l*m)	
								3 Year Band h	Avg. Plant Balance i	Additions j				Retirements k
1988	434,927	434,927	-	-	-	-	-							
1989	434,927	426,254	(17,347)	-	(0.04070)	-	-							
1990	417,580	419,593	4,026	-	0.00960	-	-	1988-90	1,280,774	(13,321)	-	(0.01040)	-	-
1991	421,606	421,606	-	-	-	-	-	1989-91	1,267,453	(13,321)	-	(0.01051)	-	-
1992	421,606	431,836	20,460	-	0.04738	-	-	1990-92	1,273,035	24,486	-	0.01923	-	-
1993	442,066	442,066	-	-	-	-	-	1991-93	1,295,508	20,460	-	0.01579	-	-
1994	442,066	443,030	1,927	-	0.00435	-	-	1992-94	1,316,932	22,387	-	0.01700	-	-
1995	443,993	443,993	-	-	-	-	-	1993-95	1,329,089	1,927	-	0.00145	-	-
1996	443,993	449,033	10,079	-	0.02245	-	-	1994-96	1,336,055	12,006	-	0.00899	-	-
1997	454,072	454,072	-	-	-	-	-	1995-97	1,347,098	10,079	-	0.00748	-	-
1998	454,072	470,532	32,920	-	0.06996	-	-	1996-98	1,373,637	42,999	-	0.03130	-	-
1999	486,992	478,871	(16,242)	-	(0.03392)	-	-	1997-99	1,403,475	16,678	-	0.01188	-	-
2000	470,750	470,750	-	-	-	-	-	1998-00	1,420,153	16,678	-	0.01174	-	-
2001	470,750	470,750	-	-	-	-	-	1999-01	1,420,371	(16,242)	-	(0.01144)	-	-
2002	470,750	497,695	54,070	180	0.10864	0.00036	159.53	2000-02	1,439,195	54,070	180	0.03757	0.00013	461.32
2003	524,640	524,641	1	-	0.00000	-	-	2001-03	1,493,086	54,071	180	0.03621	0.00012	478.59
2004	524,641	524,641	-	-	-	-	-	2002-04	1,546,977	54,071	180	0.03495	0.00012	495.87
1988-2004	7,759,431	7,804,288	89,894	180	0.01152	0.00002	1,940.13							

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 395 - Laboratory Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances
Account 395 - Laboratory Equipment**



SPR Results
Questar Gas Company
Account: 396 - Power Operated Equipment

Curve	Life	Sum of Squared Differences	Index of of Variation
BAND: 1990 - 2004			
O2	5	1.06E+13	86
L0	5	1.12E+13	89
O1	5	1.12E+13	89
L0.5	5	1.28E+13	95
S-0.5	5	1.38E+13	99
R0.5	5	1.42E+13	100
L1	5	1.51E+13	103
S0	5	1.71E+13	110
O3	5	1.75E+13	111
L1.5	5	1.79E+13	113
R1	5	1.81E+13	113
S0.5	5	2.00E+13	119
L2	5	2.12E+13	122
R1.5	5	2.16E+13	124
O4	6	2.29E+13	127
S1	5	2.33E+13	128
R2	5	2.56E+13	134
S1.5	5	2.64E+13	137
L3	5	2.88E+13	143
R2.5	5	2.91E+13	144
S2	5	2.98E+13	145
R3	5	3.31E+13	153
S3	5	3.57E+13	159
L4	5	3.74E+13	163
R4	5	3.94E+13	167
S4	5	4.22E+13	173
L5	5	4.39E+13	176
R5	5	4.59E+13	180
S5	5	4.75E+13	183
S6	5	5.25E+13	193
SQ	5	5.73E+13	201

Minimum Equipment Life Expectancy: 2
Maximum Equipment Life Expectancy: 20
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

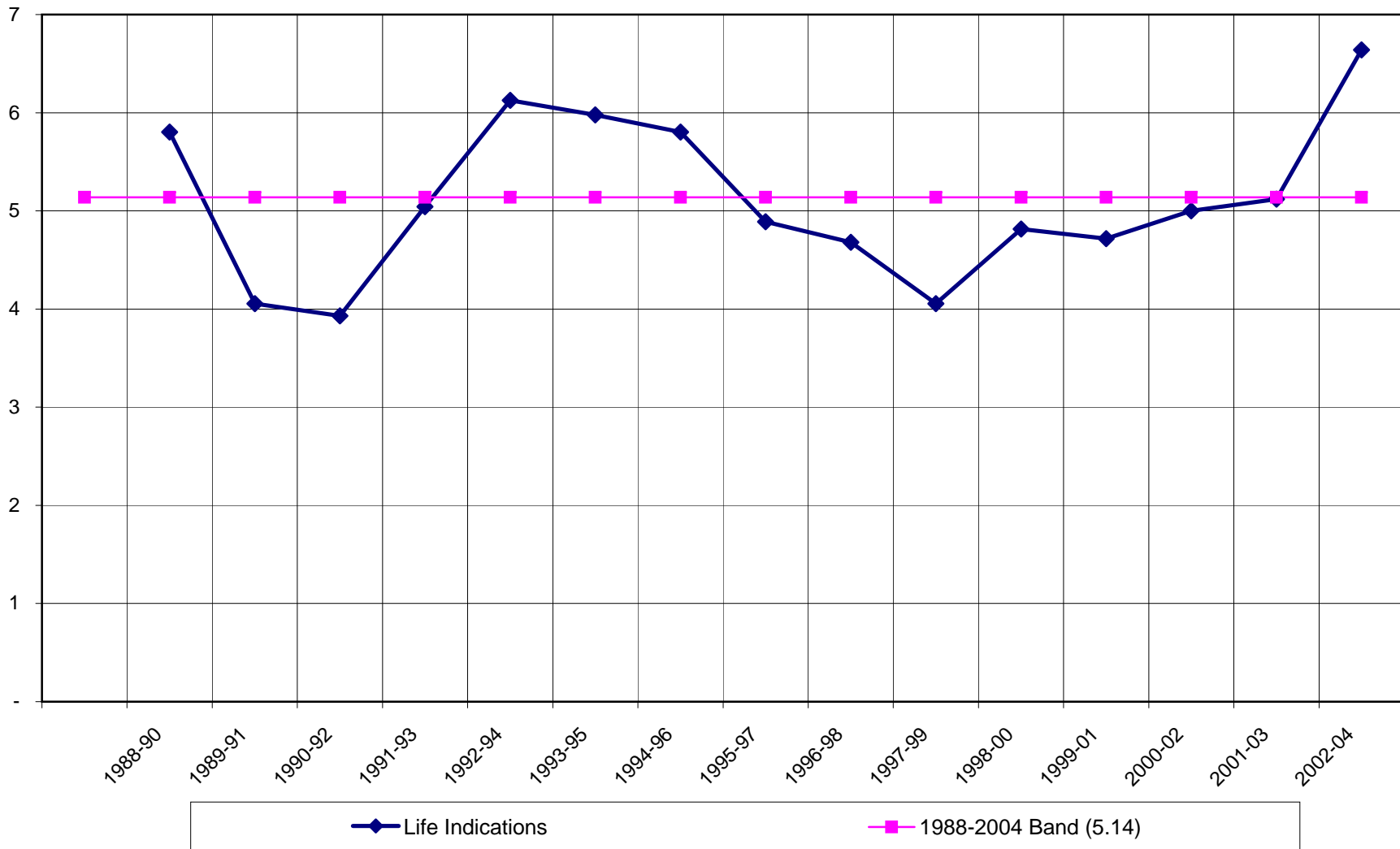
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 396 - Power Operated Equipment

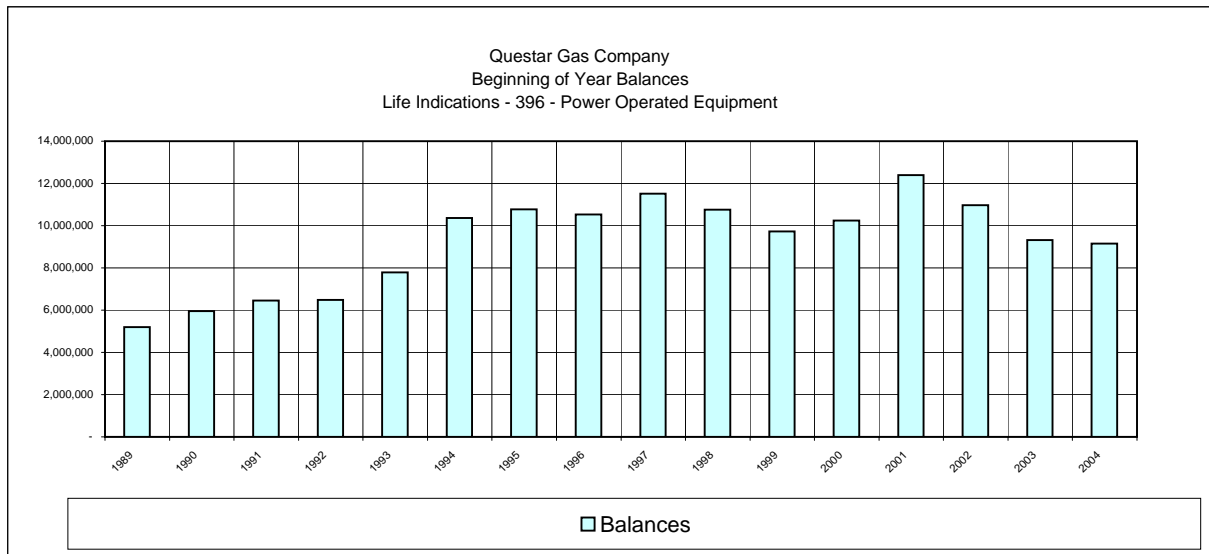
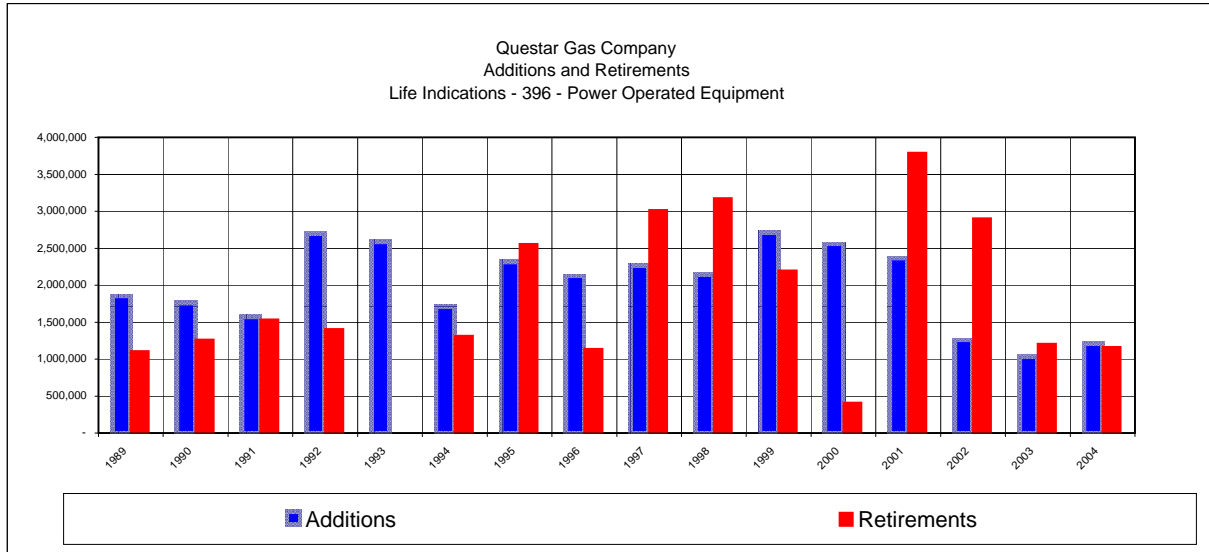
Year	3 Year Band													
	<u>BOY Plant Balance</u>	<u>Avg. Plant Balance</u>	<u>Single Year Additions</u>	<u>Single Year Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>	<u>3 Year Band</u>	<u>Avg. Plant Balance</u>	<u>Additions</u>	<u>Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>
	a	$b=(a+(a+1))/2$	c	d	e = c/b	f = d/b	$g = 1/\sqrt{e*f}$	h	i	j	k	l = j/i	m = k/i	$= 1/\sqrt{l*m}$
1988	5,204,021	5,204,021	-	-	-	-	-							
1989	5,204,021	5,577,137	1,852,893	1,106,662	0.33223	0.19843	3.89							
1990	5,950,252	6,200,018	1,761,745	1,262,213	0.28415	0.20358	4.16	1988-90	16,981,176	3,614,638	2,368,875	0.21286	0.13950	5.80
1991	6,449,784	6,468,716	1,573,265	1,535,402	0.24321	0.23736	4.16	1989-91	18,245,870	5,187,903	3,904,277	0.28433	0.21398	4.05
1992	6,487,647	7,134,873	2,703,196	1,408,745	0.37887	0.19745	3.66	1990-92	19,803,606	6,038,206	4,206,360	0.30490	0.21240	3.93
1993	7,782,098	9,075,788	2,589,488	2,108	0.28532	0.00023	122.84	1991-93	22,679,376	6,865,949	2,946,255	0.30274	0.12991	5.04
1994	10,369,478	10,569,133	1,715,527	1,316,218	0.16231	0.12453	7.03	1992-94	26,779,793	7,008,211	2,727,071	0.26170	0.10183	6.13
1995	10,768,787	10,647,398	2,316,047	2,558,826	0.21752	0.24032	4.37	1993-95	30,292,318	6,621,062	3,877,152	0.21857	0.12799	5.98
1996	10,526,008	11,019,342	2,125,150	1,138,483	0.19286	0.10332	7.08	1994-96	32,235,872	6,156,724	5,013,527	0.19099	0.15553	5.80
1997	11,512,675	11,138,788	2,267,716	3,015,491	0.20359	0.27072	4.26	1995-97	32,805,527	6,708,913	6,712,800	0.20451	0.20462	4.89
1998	10,764,900	10,249,248	2,147,488	3,178,793	0.20953	0.31015	3.92	1996-98	32,407,377	6,540,354	7,332,767	0.20182	0.22627	4.68
1999	9,733,595	9,990,007	2,713,821	2,200,997	0.27165	0.22032	4.09	1997-99	31,378,042	7,129,025	8,395,281	0.22720	0.26755	4.06
2000	10,246,419	11,320,769	2,559,386	410,687	0.22608	0.03628	11.04	1998-00	31,560,023	7,420,695	5,790,477	0.23513	0.18348	4.81
2001	12,395,118	11,682,414	2,366,067	3,791,475	0.20253	0.32455	3.90	1999-01	32,993,190	7,639,274	6,403,159	0.23154	0.19408	4.72
2002	10,969,710	10,145,740	1,257,655	2,905,595	0.12396	0.28639	5.31	2000-02	33,148,923	6,183,108	7,107,757	0.18653	0.21442	5.00
2003	9,321,770	9,234,325	1,032,808	1,207,698	0.11184	0.13078	8.27	2001-03	31,062,479	4,656,530	7,904,768	0.14991	0.25448	5.12
2004	9,146,880	9,172,821	1,214,556	1,162,674	0.13241	0.12675	7.72	2002-04	28,552,886	3,505,019	5,275,967	0.12276	0.18478	6.64
1988-2004	152,833,163	154,830,534	32,196,808	28,202,067	0.20795	0.18215	5.14							

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 396 - Power Operated Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances
Account 396 - Power Operated Equipment**



SPR Results
Questar Gas Company
Account: 397 - Communication Equipment

Curve	Life	Sum of Squared Differences	Index of of Variation
BAND: 1990 - 2004			
O3	27	4.29E+12	109
O4	35	4.29E+12	109
O1	17	4.40E+12	110
O2	19	4.40E+12	110
R0.5	15	4.67E+12	114
L0	17	4.78E+12	115
S-0.5	15	4.80E+12	115
R1	14	5.09E+12	118
L0.5	15	5.10E+12	119
S0	14	5.37E+12	122
L1	14	5.52E+12	123
R1.5	13	5.57E+12	124
S0.5	13	5.75E+12	126
SQ	9	5.78E+12	126
L1.5	13	5.83E+12	127
R2	12	6.14E+12	130
S6	10	6.19E+12	131
S5	10	6.20E+12	131
S1	12	6.23E+12	131
L2	12	6.25E+12	131
L5	10	6.29E+12	132
R5	10	6.30E+12	132
S1.5	12	6.53E+12	134
S4	10	6.56E+12	135
L3	11	6.60E+12	135
R2.5	12	6.64E+12	135
L4	11	6.78E+12	137
R4	10	6.81E+12	137
S2	11	6.90E+12	138
R3	11	6.92E+12	138
S3	11	6.99E+12	139

Minimum Equipment Life Expectancy: 5
Maximum Equipment Life Expectancy: 35
Life Expectancy Increment: 1
Begin Year: 1990
End Year: 2004
Year Fit Increment: 0

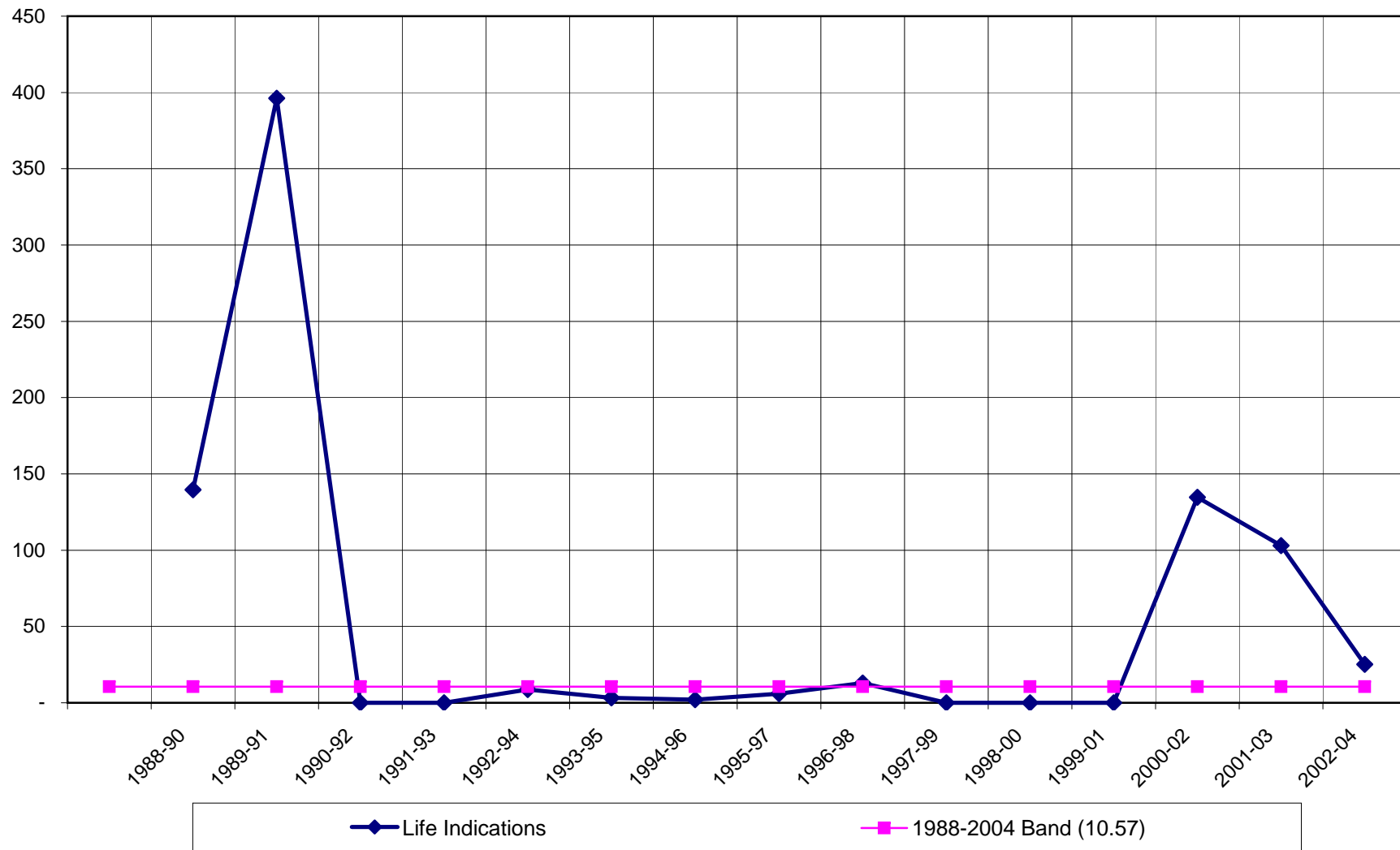
**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 397 - Communication Equipment

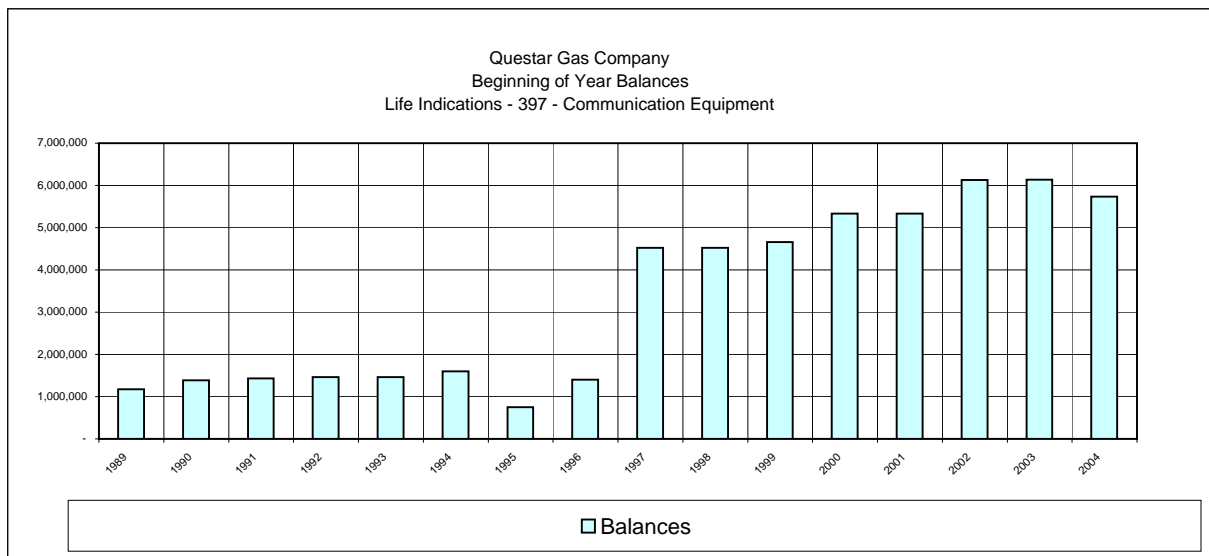
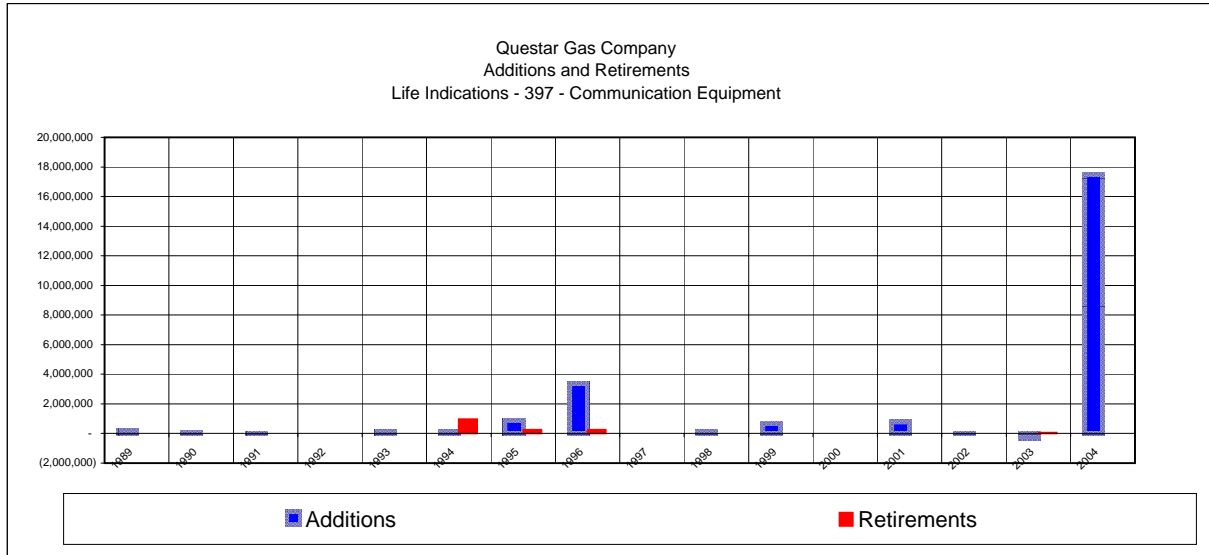
Year	3 Year Band													
	<u>BOY Plant Balance</u>	<u>Avg. Plant Balance</u>	<u>Single Year Additions</u>	<u>Single Year Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>	<u>3 Year Band</u>	<u>Avg. Plant Balance</u>	<u>Additions</u>	<u>Retirements</u>	<u>Addition Ratio</u>	<u>Retirement Ratio</u>	<u>Geometric Mean Life Estimate</u>
	a	b=(a+(a+1))/2	c	d	e = c/b	f = d/b	g = 1/sqrt(e*f)	h	i	j	k	l = j/i	m = k/i	= 1/sqrt(l*m)
1988	-	588,875	1,177,749	-	2.00000	-	-							
1989	1,177,749	1,283,305	211,497	386	0.16481	0.00030	142.03							
1990	1,388,860	1,411,673	45,625	-	0.03232	-	-	1988-90	3,283,852	1,434,871	386	0.43695	0.00012	139.54
1991	1,434,485	1,447,578	26,186	-	0.01809	-	-	1989-91	4,142,555	283,308	386	0.06839	0.00009	396.14
1992	1,460,671	1,460,671	-	-	-	-	-	1990-92	4,319,922	71,811	-	0.01662	-	-
1993	1,460,671	1,528,531	135,719	-	0.08879	-	-	1991-93	4,436,780	161,905	-	0.03649	-	-
1994	1,596,390	1,172,533	108,249	955,964	0.09232	0.81530	3.64	1992-94	4,161,734	243,968	955,964	0.05862	0.22970	8.62
1995	748,675	1,076,411	900,116	244,645	0.83622	0.22728	2.29	1993-95	3,777,474	1,144,084	1,200,609	0.30287	0.31783	3.22
1996	1,404,146	2,963,693	3,364,834	245,741	1.13535	0.08292	3.26	1994-96	5,212,636	4,373,199	1,446,350	0.83896	0.27747	2.07
1997	4,523,239	4,523,239	-	-	-	-	-	1995-97	8,563,342	4,264,950	490,386	0.49805	0.05727	5.92
1998	4,523,239	4,591,954	137,429	-	0.02993	-	-	1996-98	12,078,885	3,502,263	245,741	0.28995	0.02034	13.02
1999	4,660,668	4,997,543	673,750	-	0.13482	-	-	1997-99	14,112,736	811,179	-	0.05748	-	-
2000	5,334,418	5,334,418	-	-	-	-	-	1998-00	14,923,915	811,179	-	0.05435	-	-
2001	5,334,418	5,730,388	791,940	-	0.13820	-	-	1999-01	16,062,349	1,465,690	-	0.09125	-	-
2002	6,126,358	6,131,064	29,286	19,875	0.00478	0.00324	254.13	2000-02	17,195,870	821,226	19,875	0.04776	0.00116	134.60
2003	6,135,769	5,933,815	(359,147)	44,762	(0.06053)	0.00754	-	2001-03	17,795,266	462,079	64,637	0.02597	0.00363	102.97
2004	5,731,860	14,490,893	17,518,065	-	1.20890	-	-	2002-04	26,555,771	17,188,204	64,637	0.64725	0.00243	25.19
1988-2004	53,041,616	64,666,579	24,761,298	1,511,373	0.38291	0.02337	10.57							

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 397 - Communication Equipment



**Questar Gas Company
Electric Plant In Service
Additions, Retirements and Balances
Account 397 - Communication Equipment**



SPR Results
Questar Gas Company
Account: 398 - Miscellaneous Equipment

Curve	Life	Sum of Squared Differences	Index of Variation
BAND: 1990 - 2004			
O1	40	2.02E+09	30
R0.5	33	2.06E+09	30
S-0.5	32	2.20E+09	31
L0	36	2.26E+09	32
R1	27	2.28E+09	32
O2	40	2.59E+09	34
R1.5	24	2.89E+09	36
L0.5	31	2.95E+09	36
S0	27	3.15E+09	37
S0.5	24	4.32E+09	44
R2	22	4.37E+09	44
L1	27	4.55E+09	45
L1.5	25	5.89E+09	51
R2.5	20	6.15E+09	52
S1	22	6.49E+09	54
S1.5	21	8.36E+09	61
L2	23	8.95E+09	63
R3	19	9.18E+09	64
S2	20	1.15E+10	72
L3	21	1.44E+10	80
R4	18	1.56E+10	83
S3	19	1.71E+10	87
O3	40	1.72E+10	88
L4	19	1.93E+10	93
S4	18	2.42E+10	104
L5	18	2.60E+10	108
R5	18	2.61E+10	108
S5	18	3.09E+10	117
S6	17	3.56E+10	126
SQ	17	4.64E+10	144
O4	40	5.63E+10	158

Minimum Equipment Life Expectancy: 2
 Maximum Equipment Life Expectancy: 40
 Life Expectancy Increment: 1
 Begin Year: 1990
 End Year: 2004
 Year Fit Increment: 0

**Questar Gas Company
Gas Plant In Service
Geometric Mean Turnover Analysis**

Account 398 - Miscellaneous Equipment

Year	3 Year Band													
	<u>BOY Plant Balance</u> a	<u>Avg. Plant Balance</u> b=(a+(a+1))/2	<u>Single Year Additions</u> c	<u>Single Year Retirements</u> d	<u>Addition Ratio</u> e = c/b	<u>Retirement Ratio</u> f = d/b	<u>Geometric Mean Life Estimate</u> g = 1/sqrt(e*f)	<u>3 Year Band</u> h	<u>Avg. Plant Balance</u> i	<u>Additions</u> j	<u>Retirements</u> k	<u>Addition Ratio</u> l = j/i	<u>Retirement Ratio</u> m = k/i	<u>Geometric Mean Life Estimate</u> = 1/sqrt(l*r)
1988	374,424	374,424	-	-	-	-	-							
1989	374,424	375,959	9,956	6,887	0.02648	0.01832	45.40							
1990	377,493	401,032	48,851	1,774	0.12181	0.00442	43.08	1988-90	1,151,414	58,807	8,661	0.05107	0.00752	51.02
1991	424,570	426,961	7,784	3,003	0.01823	0.00703	88.31	1989-91	1,203,951	66,591	11,664	0.05531	0.00969	43.20
1992	429,351	438,692	20,299	1,618	0.04627	0.00369	76.55	1990-92	1,266,684	76,934	6,395	0.06074	0.00505	57.11
1993	448,032	453,421	12,886	2,108	0.02842	0.00465	87.00	1991-93	1,319,073	40,969	6,729	0.03106	0.00510	79.44
1994	458,810	329,984	(257,652)	-	(0.78080)	-	-	1992-94	1,222,097	(224,467)	3,726	(0.18367)	0.00305	-
1995	201,158	245,373	132,736	44,306	0.54096	0.18057	3.20	1993-95	1,028,778	(112,030)	46,414	(0.10890)	0.04512	-
1996	289,588	312,303	46,619	1,189	0.14927	0.00381	41.95	1994-96	887,660	(78,297)	45,495	(0.08821)	0.05125	-
1997	335,018	335,018	-	-	-	-	-	1995-97	892,694	179,355	45,495	0.20091	0.05096	9.88
1998	335,018	347,787	25,538	-	0.07343	-	-	1996-98	995,108	72,157	1,189	0.07251	0.00119	107.43
1999	360,556	409,402	97,692	-	0.23862	-	-	1997-99	1,092,207	123,230	-	0.11283	-	-
2000	458,248	463,755	11,014	-	0.02375	-	-	1998-00	1,220,944	134,244	-	0.10995	-	-
2001	469,262	433,660	(71,205)	-	(0.16420)	-	-	1999-01	1,306,817	37,501	-	0.02870	-	-
2002	398,057	390,757	5,620	20,220	0.01438	0.05175	36.66	2000-02	1,288,172	(54,571)	20,220	(0.04236)	0.01570	-
2003	383,457	393,567	20,336	117	0.05167	0.00030	255.15	2001-03	1,217,983	(45,249)	20,337	(0.03715)	0.01670	-
2004	403,676	404,908	2,463	-	0.00608	-	-	2002-04	1,189,231	28,419	20,337	0.02390	0.01710	49.47
1988-2004	6,521,142	6,537,000	112,937	81,222	0.01728	0.01242	68.25							

Data Source:

Questar Gas Company
Geometric Mean 3 Year Rolling Band Analysis
Life Indications - 398 - Miscellaneous Equipment

