

**ORIGINAL**

**Florida Power & Light Company**

**DEPRECIATION**

**STUDY**

**Transmission**

**Distribution**

**General Plant**

Volume 6 of 6

DOCUMENT NUMBER-DATE


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FPSC-RECORDS/REPORTING

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# **Summary**

# **Schedules**

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**SCHEDULE OF ESTIMATED DEPRECIATION ACCRUALS**

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SCHEDULE I

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF ESTIMATED DEPRECIATION ACCRUALS  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance (a)	Adjusted Reserve Balance (b)	Reserve Ratio (c) = b/a	** RATES APPROVED IN DOCKET 931231-EI ** (Order No. PSC-94-1199-FOF-EI)						** RECOMMENDED RATES **						Change in Annual Accrual (f) = (e) X (f)	
					Reserve Ratio When Approved (d)	Average Life		Net Salvage (g)	Depreciation Rates		Estimated Annual Accrual (j) = (a) X (k)	Average Life		Net Salvage (m)	Depreciation Rates			Estimated Annual Accrual (n) = (a) X (o)
						Service Life (e)	Remaining Life (f)		Whole Life (h)	Remaining Life (i)		Service Life (r)	Remaining Life (s)		Whole Life (t)	Remaining Life (u)		
<b>Transmission Plant</b>																		
350.2	Essenents	\$111,784,059	\$19,500,142	17.45%	15.1%	85.0	49.0	0.0%	1.5%	1.7%	\$1,899,989	65.0	52.0	0.0%	1.5%	1.8%	\$1,788,225	(\$11,764)
352.0	Structures & Improvements	38,073,858	9,907,104	26.02%	23.8%	47.0	38.0	-15.0%	2.4%	2.5%	951,848	47.0	35.0	-5.0%	2.2%	2.3%	875,899	(75,147)
353.0	Station Equipment	886,889,048	167,852,224	24.44%	28.3%	40.0	30.0	20.0%	2.0%	1.8%	12,364,003	38.0	26.0	10.0%	2.5%	2.5%	17,172,226	4,808,223
354.0	Towers & Fixtures	145,613,717	38,739,300	26.60%	30.5%	45.0	30.0	-15.0%	2.6%	2.8%	4,077,184	45.0	33.0	-15.0%	2.6%	2.7%	3,931,570	(145,814)
355.0	Poles & Fixtures	349,085,875	155,814,017	44.63%	41.9%	40.0	28.0	-35.0%	3.4%	3.2%	11,170,748	41.0	29.0	-45.0%	3.5%	3.6%	12,218,006	1,047,258
356.0	Overhead Conductors & Devices	337,028,817	133,525,281	39.62%	40.8%	37.0	26.0	-20.0%	3.2%	3.0%	10,110,885	37.0	26.0	-30.0%	3.5%	3.5%	11,798,009	1,885,144
357.0	Underground Conduit	29,770,882	15,489,705	52.03%	40.8%	48.0	27.0	0.0%	2.2%	2.2%	854,982	48.0	28.0	0.0%	2.2%	1.8%	535,878	(119,084)
358.0	Underground Conductors & Devices	36,872,704	23,191,871	62.73%	51.2%	35.0	17.5	0.0%	2.9%	2.8%	1,035,236	35.0	18.0	0.0%	2.9%	2.1%	776,427	(258,809)
359.0	Roads & Trails	66,572,199	11,201,833	16.83%	20.5%	85.0	52.0	0.0%	1.5%	1.5%	998,583	85.0	55.0	0.0%	1.5%	1.5%	998,583	0
<b>Total Transmission Plant</b>		<b>\$1,801,771,257</b>	<b>\$578,221,257</b>	<b>31.83%</b>	<b>33.4%</b>	<b>41.4</b>	<b>30.0</b>	<b>-4.7%</b>	<b>2.5%</b>	<b>2.4%</b>	<b>\$43,283,416</b>	<b>39.9</b>	<b>28.7</b>	<b>-11.4%</b>	<b>2.8%</b>	<b>2.8%</b>	<b>\$50,092,623</b>	<b>\$6,829,207</b>
<b>Distribution Plant</b>																		
361.0	Structures & Improvements	\$82,482,584	\$15,814,584	25.31%	23.4%	45.0	35.0	-5.0%	2.3%	2.3%	\$1,437,099	45.0	35.0	-5.0%	2.3%	2.3%	\$1,437,099	\$0
362.0	Station Equipment	874,739,759	199,312,182	22.84%	22.6%	37.0	28.0	-5.0%	2.8%	2.8%	18,882,713	38.0	28.0	-10.0%	2.9%	2.9%	19,587,453	874,740
364.0	Poles, Towers & Fixtures	503,454,000	183,227,000	36.39%	37.1%	36.0	30.0	-30.0%	3.8%	3.1%	15,807,074	30.0	21.0	-35.0%	4.5%	4.7%	23,862,338	6,055,264
365.0	Overhead Conductors & Devices	733,795,000	323,975,000	44.15%	38.6%	34.0	27.0	-38.0%	4.0%	3.6%	28,418,820	33.0	23.0	-50.0%	4.5%	4.6%	33,754,570	7,337,550
366.0	Underground Conduit, Duct System	436,582,820	102,821,824	23.55%	21.7%	54.0	44.0	0.0%	1.9%	1.8%	7,858,487	48.0	37.0	0.0%	2.1%	2.1%	9,188,235	1,309,748
366.7	Underground Conduit, Direct Buried	33,209,380	7,087,178	30.54%	25.0%	35.0	26.0	0.0%	2.9%	3.0%	898,281	35.0	23.0	0.0%	2.9%	3.0%	9,208,029	0
367.0	Underground Conductors & Devices, Duct System	573,797,155	137,097,821	23.89%	22.2%	34.0	27.0	10.0%	2.8%	2.8%	14,344,928	34.0	26.0	0.0%	2.9%	2.8%	15,840,117	2,295,188
367.7	Underground Conductors & Devices, Direct Buried	328,858,184	185,440,835	56.39%	50.9%	29.0	17.8	0.0%	3.4%	2.8%	9,208,029	28.0	16.5	0.0%	3.4%	2.8%	9,208,029	0
368.0	Line Transformers	1,047,885,359	389,501,936	37.17%	33.7%	30.0	22.0	-15.0%	3.8%	3.7%	38,771,758	31.0	22.0	-25.0%	4.0%	4.0%	41,915,414	3,143,656
368.1	Services, Overhead	107,665,129	54,836,703	50.93%	46.7%	36.0	27.0	-60.0%	4.4%	4.2%	4,821,935	36.0	26.0	-60.0%	4.4%	4.2%	4,821,935	0
368.7	Services, Underground	329,804,871	99,325,297	30.12%	27.0%	34.0	27.0	-10.0%	3.2%	3.1%	10,223,951	34.0	26.0	-10.0%	3.2%	3.1%	10,223,951	0
370.0	Meters	317,851,762	140,118,782	44.08%	42.2%	30.0	18.5	5.0%	3.2%	2.9%	9,217,701	30.0	17.8	0.0%	3.3%	3.1%	9,863,405	645,704
371.0	Installations on Customer's Premises	48,813,134	24,397,134	52.12%	35.4%	15.0	10.7	-20.0%	8.0%	7.9%	3,698,238	15.0	10.0	-20.0%	6.0%	6.8%	3,183,293	(514,945)
373.0	Street Lighting & Signal Systems	217,604,000	95,411,000	44.31%	41.9%	32.0	18.1	-20.0%	3.8%	4.3%	9,356,972	20.0	13.8	-35.0%	6.8%	6.6%	14,361,864	5,004,892
<b>Total Distribution Plant</b>		<b>\$5,404,542,917</b>	<b>\$1,959,365,054</b>	<b>36.25%</b>	<b>32.5%</b>	<b>33.7</b>	<b>25.4</b>	<b>-12.7%</b>	<b>3.3%</b>	<b>3.2%</b>	<b>\$170,251,787</b>	<b>32.3</b>	<b>22.8</b>	<b>-20.6%</b>	<b>3.7%</b>	<b>3.7%</b>	<b>\$198,193,984</b>	<b>\$27,942,197</b>

SCHEDULE I

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF ESTIMATED DEPRECIATION ACCRUALS  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance (a)	Adjusted Reserve Balance (b)	Reserve Ratio (c) = b/a	** RATES APPROVED IN DOCKET 931231-EI ** (Order No. PSC-94-1199-PDF-EI)						** RECOMMENDED RATES **						Change in Annual Accrual (q) = (p) - (j)	
					Reserve Ratio When Approved (d)	Average Life		Net Salvage (g)	Depreciation Rates		Estimated Annual Accrual (j) = (a) X (i)	Average Life		Net Salvage (m)	Depreciation Rates			Estimated Annual Accrual (p) = (a) X (o)
						Service Life (e)	Remaining Life (f)		Whole Life (h)	Remaining Life (i)		Service Life (k)	Remaining Life (l)		Whole Life (n)	Remaining Life (o)		
General Plant																		
390.0	Structures & Improvements - FPL	\$184,591,000	\$24,899,000	15.13%	15.0%	47.0	39.0	0.0%	2.1%	2.2%	\$3,821,002	40.0	30.0	0.0%	2.5%	2.8%	\$4,608,548	\$987,548
390.0	Structures & Improvements - LRIC	190,686,000	44,871,000	23.69%	22.2%	47.0	39.0	0.0%	2.1%	2.0%	3,813,720	40.0	30.0	0.0%	2.5%	2.5%	4,787,150	953,430
392.0	Aircraft - Rotary Wing	2,108,320	928,978	44.54%	8.6%	7.0	8.5	50.0%	7.1%	6.4%	134,932	7.0	2.5	50.0%	7.1%	2.2%	46,383	(88,549)
392.0	Aircraft - Fixed Wing (Jet)	19,983,895	4,225,521	21.14%	18.4%	10.0	6.9	50.0%	5.0%	5.2%	1,039,163	10.0	6.0	50.0%	5.0%	4.5%	959,227	(29,938)
392.1	Transportation - Automobiles	1,479,567	623,749	42.16%	34.6%	6.0	2.1	10.0%	15.0%	26.4%	390,611	7.0	5.4	10.0%	12.9%	8.9%	131,683	(258,928)
392.2	Transportation - Light Trucks	20,724,222	7,211,993	34.60%	45.6%	8.0	3.5	15.0%	10.6%	11.3%	2,341,827	8.0	5.0	15.0%	10.6%	10.0%	2,027,422	(259,415)
392.3	Transportation - Heavy Trucks	144,837,889	57,184,837	39.49%	39.1%	12.0	6.8	15.0%	7.1%	6.8%	9,848,961	11.0	5.7	20.0%	7.3%	7.1%	10,282,474	434,513
392.4	Transportation - Tractor-Trailers	1,123,864	248,102	22.08%	38.3%	12.0	6.8	15.0%	7.1%	6.8%	76,423	11.0	5.7	20.0%	7.3%	10.2%	114,836	38,211
392.9	Transportation - Trailers	11,959,790	4,573,479	38.58%	38.3%	17.0	10.5	20.0%	4.7%	3.8%	450,832	18.0	11.5	30.0%	3.9%	2.8%	300,555	(150,277)
393.1	Stores Equipment - Handling Equipment	9,126,836	2,324,555	25.58%	20.1%	28.0	19.9	10.0%	3.5%	3.5%	319,439	7.0	7.0	0.0%	14.3%	10.8%	987,445	1,784,980
394.1	Shop Equipment - Fixed/Stationary	10,532,287	(1,027,198)	-9.48%	17.8%	28.0	24.0	-10.0%	3.8%	3.8%	411,828	7.0	7.0	0.0%	14.3%	16.8%	1,889,832	1,784,980
395.1	Lab Equipment - Fixed/Stationary	21,249,516	4,812,553	22.71%	15.9%	35.0	30.0	0.0%	2.9%	2.6%	594,888	7.0	7.0	0.0%	14.3%	11.2%	2,379,946	1,884,444
396.1	Power Operated Equipment (Transportation)	5,825,868	3,341,840	57.38%	47.0%	9.0	6.0	20.0%	8.5%	5.5%	320,423	10.0	6.1	20.0%	8.0%	3.7%	218,557	(104,888)
396.8	Other Power Operated Equipment	186,580	24,099	12.92%	72.2%	9.0	5.1	20.0%	8.8%	1.5%	2,799	10.0	6.8	20.0%	8.0%	11.6%	21,843	18,844
397.1	Communications Equipment - Other	38,441,448	13,148,826	34.29%	29.3%	17.0	12.9	0.0%	5.9%	5.5%	2,114,291	7.0	7.0	0.0%	14.3%	9.4%	3,613,515	1,499,224
397.3	Communications Equipment - Official	16,980,895	13,121,105	78.13%	27.4%	8.0	5.1	0.0%	12.5%	14.2%	2,895,259	7.0	7.0	0.0%	14.3%	4.4%	835,151	(1,860,108)
397.8	Communications Equipment - Fiber Optics	49,202,270	14,123,653	28.71%	20.9%	10.0	7.8	5.0%	9.5%	9.5%	4,674,218	20.0	17.6	5.0%	4.8%	3.8%	1,869,686	(2,804,530)
Total Depreciable General Plant		\$710,940,015	\$194,556,092	27.37%	25.9%	19.2	14.2	10.5%	4.7%	4.5%	\$32,850,520	15.8	11.6	10.3%	5.7%	5.4%	\$34,876,851	\$2,026,331
Total Transmission, Distribution & General Plant		\$7,917,254,189	\$2,729,142,403	34.47%	32.1%	32.9	24.5	-7.7%	3.3%	3.1%	\$248,385,723	30.8	21.9	-13.8%	3.7%	3.6%	\$283,163,458	\$36,797,735

SCHEDULE 1

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF ESTIMATED DEPRECIATION ACCRUALS  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance (a)	Adjusted Reserve Balance (b)	Reserve Rate (c) = b/a	** RATES APPROVED BY DOCKET 931231-W ** (Order No. PSC-94-1189-FOF-03)						** RECOMMENDED RATES **						Change in Annual Accrual (a) = (b) - (f)	
					Reserve Ratio When Approved (d)	Average Life		Net Salvage (g)	Depreciation Rates		Estimated Annual Accrual (j) = (a) X (i)	Average Life		Net Salvage (m)	Depreciation Rates			Estimated Annual Accrual (o) = (a) X (n)
						Service Life (e)	Remaining Life (f)		Whole Life (h)	Remaining Life (i)		Service Life (k)	Remaining Life (l)		Whole Life (n)	Remaining Life (o)		
<b>Amortized Accounts</b>																		
367.8	UG Conduct & Dev. Cable Injection - 8 year	\$13,802,490	\$7,665,021	55.81%		8.0	8.0		12.5%	12.5%	\$1,700,311	8.0	8.0		12.5%	12.5%	\$1,700,311	\$0
367.9	UG Conduct & Dev. Cable Injection - 10 year	7,731,498	1,076,523	13.92%		10.0	10.0		10.0%	10.0%	773,150	10.0	10.0		10.0%	10.0%	773,150	0
390.1	Leaseholds	3,440,129	2,835,250	76.82%		Various	Various		7.9%	7.9%	272,520	Various	Various		7.9%	7.9%	272,520	0
391.1	Office Furniture	12,954,133	9,128,421	70.47%		7.0	7.0		14.3%	14.3%	1,852,441	7.0	7.0		14.3%	14.3%	1,852,441	0
391.2	Office Accessoirs	3,335,807	2,211,982	65.92%		5.0	5.0		20.0%	20.0%	671,121	5.0	5.0		20.0%	20.0%	671,121	0
391.3	Office Equipment	799,018	459,826	57.51%		7.0	7.0		14.3%	14.3%	114,260	7.0	7.0		14.3%	14.3%	114,260	0
391.4	Duplicating & Mailing Equipment	5,088,462	2,461,219	48.76%		7.0	7.0		14.3%	14.3%	727,649	7.0	7.0		14.3%	14.3%	727,649	0
391.5	EDP Equipment	88,063,118	52,503,372	59.62%		5.0	5.0		20.0%	20.0%	17,812,624	5.0	5.0		20.0%	20.0%	17,812,624	0
391.9	Personal Computer Equipment	22,283,138	6,931,365	31.11%		3.0	3.0		33.3%	33.3%	7,420,284	3.0	3.0		33.3%	33.3%	7,420,284	0
392.7	Transportation Equipment - Marine	34,909	13,445	38.51%		5.0	5.0		20.0%	20.0%	6,982	5.0	5.0		20.0%	20.0%	6,982	0
393.2	Stores Equipment - Storage Equipment	1,071,672	505,888	47.21%		7.0	7.0		14.3%	14.3%	153,249	7.0	7.0		14.3%	14.3%	153,249	0
393.3	Stores Equipment - Portable Handling	551,752	317,188	57.49%		7.0	7.0		14.3%	14.3%	78,901	7.0	7.0		14.3%	14.3%	78,901	0
394.7	Shop Equipment - Portable Handling	9,151,517	4,849,462	52.99%		7.0	7.0		14.3%	14.3%	1,308,667	7.0	7.0		14.3%	14.3%	1,308,667	0
395.2	Lab Equipment - Portable	11,627,076	6,251,419	52.86%		7.0	7.0		14.3%	14.3%	1,691,272	7.0	7.0		14.3%	14.3%	1,691,272	0
398.0	Miscellaneous Equipment	7,420,484	4,154,270	55.98%		7.0	7.0		14.3%	14.3%	1,081,128	7.0	7.0		14.3%	14.3%	1,081,128	0
<b>Total Presently Amortized Accounts</b>		<b>\$187,374,975</b>	<b>\$101,085,451</b>	<b>53.95%</b>							<b>\$35,444,557</b>						<b>\$35,444,557</b>	<b>\$0</b>
<b>Intangible Plant</b>																		
302.0	Franchises & Consents	\$124,649	\$101,360	81.80%		Various	Various		2.0%	2.0%	\$2,472	Various	Various		2.0%	2.0%	\$2,472	\$0
303.0	Miscellaneous Intangibles	12,998,223	5,838,802	43.39%		Various	Various		5.4%	5.4%	708,372	Various	Various		5.4%	5.4%	708,372	0
303.5	Computer Software	105,020,097	54,391,731	51.79%		5.0	5.0		20.0%	20.0%	21,004,019	5.0	5.0		20.0%	20.0%	21,004,019	0
303.6	Capitalized Software 10 yr	58,102,031	28,054,405	48.44%		10.0	10.0		10.0%	10.0%	5,810,203	10.0	10.0		10.0%	10.0%	5,810,203	0
304.0	ITC Interest Synchronization	0	16,572,192	0.00%		N/A	N/A		0.0%	0.0%	2,061,420	N/A	N/A		0.0%	0.0%	2,061,420	0
<b>Total Intangible Plant</b>		<b>\$176,245,000</b>	<b>\$102,760,192</b>	<b>58.31%</b>							<b>\$29,586,488</b>						<b>\$29,586,488</b>	<b>\$0</b>
<b>Total For All Non-Production Accounts</b>		<b>\$8,280,874,164</b>	<b>\$2,932,986,046</b>	<b>35.42%</b>							<b>\$311,396,766</b>						<b>\$348,194,501</b>	<b>\$36,797,735</b>

Note: Rate for Account 390.1 - Leaseholds, is an approximate.



## SCHEDULE II

### SCHEDULE OF PLANT AND RESERVE DATA

- |        |     |  |
|--------|-----|--|
| Column | (a) | Adjusted Plant Balance (Estimated) at 12/31/97, from Schedule III, Column (a).   |
| Column | (b) | Adjusted Reserve Balance (Estimated) at 12/31/97, from Schedule III, Column (b).   |
| Column | (c) | Reserve Ratio by formula, Column (b) divided by Column (a).  |
| Column | (d) | Dispersion Type (Curve) from Schedule IV, Column (d).  |
| Column | (e) | Average Service Life from Schedule IV, Column (e).   |
| Column | (f) | Average Remaining Life from Schedule IV, Column (f).   |
| Column | (g) | Gross Salvage from Column (i) of Summary Analysis in Section 5 of this Comprehensive Study.  |
| Column | (h) | Removal Cost from Column (j) of Summary Analysis in Section 5 of this Comprehensive Study.   |
| Column | (i) | Net Salvage by formula, Column (g) minus Column (h).   |
| Column | (j) | Whole Life Depreciation Rate calculated by formula :<br>$\frac{(100\% - \text{Net Salvage \% (Column (i))})}{\text{Average Service Life (Column (e))}}$                                      |
| Column | (k) | Remaining Life Depreciation Rate calculated by formula :<br>$\frac{(100\% - \text{Net Salvage (Column (i))} - \text{Reserve Ratio Column (c)})}{\text{Average Remaining Life (Column (f))}}$ |
| Column | (l) | Annualized Depreciation Accrual by formula, Column (a) times Column (k).   |

SCHEDULE II

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF PLANT AND RESERVE DATA  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance (a)	Adjusted Reserve Balance (b)	Reserve Ratio (c) = b/a	Dispersion Type (Curve) (d)	Average Service Life (e)	Average Remaining Life (f)	** RECOMMENDED RATES **					ANNUALIZED Depreciation Accrual (l) = (e) x (k)
								Gross Salvage (g)	Removal Cost (h)	Net Salvage (i) = g-h	Depreciation Rates		
											Whole Life (j)	Remaining Life (k)	
<b>Transmission Plant</b>													
350.2	Easements	\$111,764,059	\$19,500,142	17.45%	S4.0	85.0	52.0	0.0%	0.0%	0.0%	1.5%	1.6%	\$1,788,225
352.0	Structures & Improvements	38,073,856	9,907,104	26.02%	S4.0	47.0	35.0	20.0%	25.0%	-5.0%	2.2%	2.3%	875,699
353.0	Station Equipment	686,889,048	167,852,224	24.44%	R2.0	36.0	26.0	25.0%	15.0%	10.0%	2.5%	2.5%	17,172,228
354.0	Towers & Fixtures	145,813,717	38,739,300	26.60%	R5.0	45.0	33.0	10.0%	25.0%	-15.0%	2.6%	2.7%	3,931,570
355.0	Poles & Fixtures	349,085,875	155,814,017	44.63%	R2.0	41.0	29.0	35.0%	80.0%	-45.0%	3.5%	3.5%	12,218,005
356.0	Overhead Conductors & Devices	337,028,817	133,525,261	39.62%	R2.5	37.0	26.0	25.0%	55.0%	-30.0%	3.5%	3.5%	11,795,009
357.0	Underground Conduit	29,770,982	15,489,705	52.03%	S3.0	46.0	26.0	0.0%	0.0%	0.0%	2.2%	1.8%	535,878
358.0	Underground Conductors & Devices	36,972,704	23,191,671	62.73%	S3.0	35.0	18.0	0.0%	0.0%	0.0%	2.9%	2.1%	776,427
359.0	Roads & Trails	66,572,199	11,201,833	16.83%	S0	65.0	55.0	0.0%	0.0%	0.0%	1.5%	1.5%	998,583
<b>Total Transmission Plant</b>		<b>\$1,801,771,257</b>	<b>\$575,221,257</b>	<b>31.93%</b>		<b>39.9</b>	<b>28.7</b>	<b>23.3%</b>	<b>34.7%</b>	<b>-11.4%</b>	<b>2.8%</b>	<b>2.8%</b>	<b>\$50,092,623</b>
<b>Distribution Plant</b>													
361.0	Structures & Improvements	462,482,584	\$15,814,584	25.31%	L3.0	45.0	35.0	20.0%	25.0%	-5.0%	2.3%	2.3%	\$1,437,099
362.0	Station Equipment	674,739,759	199,312,182	29.54%	R2.0	36.0	28.0	15.0%	25.0%	-10.0%	2.3%	2.9%	19,587,453
364.0	Poles, Towers & Fixtures	503,454,000	183,227,000	36.39%	R1.5	30.0	21.0	40.0%	25.0%	-35.0%	4.5%	4.7%	23,662,336
365.0	Overhead Conductors & Devices	733,795,000	323,975,000	44.15%	S1.0	33.0	23.0	30.0%	80.0%	-50.0%	4.5%	4.6%	33,754,570
366.6	Underground Conduit, Duct System	436,582,620	102,821,824	23.55%	S3.0	46.0	37.0	0.0%	0.0%	0.0%	2.1%	2.1%	9,168,235
366.7	Underground Conduit, Direct Buried	23,209,380	7,087,176	30.54%	S3.0	35.0	23.0	0.0%	0.0%	0.0%	2.9%	3.0%	696,281
367.6	Underground Conductors & Devices, Duct System	573,797,155	137,997,621	23.89%	S0.5	34.0	26.0	15.0%	15.0%	0.0%	2.9%	2.9%	16,640,117
367.7	Underground Conductors & Devices, Direct Buried	328,858,164	185,440,835	56.39%	R3.0	29.0	15.5	0.0%	0.0%	0.0%	3.4%	2.8%	9,206,029
368.0	Line Transformers	1,047,885,359	389,501,936	37.17%	L2.0	31.0	22.0	5.0%	30.0%	-25.0%	4.0%	4.0%	41,915,414
369.1	Services, Overhead	107,865,129	54,836,703	50.83%	R1.0	36.0	26.0	10.0%	70.0%	-60.0%	4.4%	4.2%	4,521,935
369.7	Services, Underground	329,804,871	99,325,297	30.12%	R2.0	34.0	28.0	0.0%	10.0%	-10.0%	3.2%	3.1%	10,223,951
370.0	Meters	317,851,762	140,116,762	44.08%	R3.0	30.0	17.8	0.0%	0.0%	0.0%	3.3%	3.1%	9,653,405
371.0	Installations on Customer's Premises	46,813,134	24,397,134	52.12%	L1.0	15.0	10.0	5.0%	25.0%	-20.0%	8.0%	6.8%	3,183,293
373.0	Street Lighting & Signal Systems	217,604,000	96,411,000	44.31%	S-5	20.0	13.8	0.0%	35.0%	-35.0%	6.8%	6.6%	14,361,864
<b>Total Distribution Plant</b>		<b>\$5,404,542,917</b>	<b>\$1,959,365,054</b>	<b>36.25%</b>		<b>32.3</b>	<b>22.8</b>	<b>12.6%</b>	<b>33.2%</b>	<b>-20.6%</b>	<b>3.7%</b>	<b>3.7%</b>	<b>\$198,193,984</b>

SCHEDULE N

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF PLANT AND RESERVE DATA  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance	Adjusted Reserve Balance	Reserve Ratio	Dispersion Type (Curve)	Average Service Life	Average Remaining Life	** RECOMMENDED RATES **					Depreciation Rates		ANNUALIZED Depreciation Accrual (l) = (a) x (k)
								Gross Salvage	Removal Cost	Net Salvage	Whole Life	Remaining Life			
													(g)	(h)	
(a)	(b)	(c) = b/a	(d)	(e)	(f)	(g)	(h)	(i) = g-h	(j)	(k)	(l) = (a) x (k)				
General Plant															
390.0	Structures & Improvements - FPL	\$184,591,000	\$24,899,000	15.13%	S2.0	40.0	30.0	0.0%	0.0%	0.0%	2.5%	2.8%	\$4,608,548		
390.0	Structures & Improvements - LRIC	190,686,000	44,971,000	23.58%	S2.0	40.0	30.0	0.0%	0.0%	0.0%	2.5%	2.5%	4,767,150		
392.0	Aircraft - Rotary Wing	2,108,320	938,978	44.54%	S0	7.0	2.5	50.0%	0.0%	50.0%	7.1%	2.2%	46,383		
392.0	Aircraft - Fixed Wing (Jet)	19,983,895	4,225,521	21.14%	S0	10.0	6.0	80.0%	0.0%	50.0%	5.0%	4.8%	959,227		
392.1	Transportation - Automobiles	1,479,587	623,749	42.18%	L3.0	7.0	5.4	10.0%	0.0%	10.0%	12.9%	8.9%	131,683		
392.2	Transportation - Light Trucks	20,724,222	7,211,993	34.80%	S3.0	8.0	5.0	15.0%	0.0%	15.0%	10.6%	10.0%	2,072,422		
392.3	Transportation - Heavy Trucks	144,837,669	57,184,837	39.48%	S3.0	11.0	5.7	20.0%	0.0%	20.0%	7.3%	7.1%	10,283,474		
392.4	Transportation - Tractor-Trailers	1,123,864	248,102	22.08%	S3.0	11.0	8.7	20.0%	0.0%	20.0%	7.3%	10.2%	114,634		
392.9	Transportation - Trailers	11,559,790	4,573,479	39.56%	L2.0	18.0	11.5	30.0%	0.0%	30.0%	3.9%	2.6%	300,555		
393.1	Stores Equipment - Handling Equipment	9,126,836	2,334,555	25.58%	N/A	7.0	7.0	0.0%	0.0%	0.0%	14.3%	10.6%	967,445		
394.1	Shop Equipment - Fixed/Stationary	10,832,257	(1,027,198)	-9.48%	N/A	7.0	7.0	0.0%	0.0%	0.0%	14.3%	15.6%	1,689,832		
395.1	Lab Equipment - Fixed/Stationary	21,249,516	4,612,553	21.71%	N/A	7.0	7.0	0.0%	0.0%	0.0%	14.3%	11.2%	2,379,946		
396.1	Power Operated Equipment (Transportation)	5,825,868	3,341,840	57.36%	L0.0	10.0	6.1	20.0%	0.0%	20.0%	8.0%	3.7%	215,557		
396.6	Other Power Operated Equipment	186,580	24,099	12.92%	S0.0	10.0	5.8	20.0%	0.0%	20.0%	8.0%	11.6%	21,643		
397.1	Communications Equipment - Other	38,441,646	13,148,826	34.20%	N/A	7.0	7.0	0.0%	0.0%	0.0%	14.3%	9.4%	3,613,515		
397.3	Communications Equipment - Official	18,980,695	13,121,105	69.13%	N/A	7.0	7.0	0.0%	0.0%	0.0%	14.3%	4.4%	835,151		
397.8	Communications Equipment - Fiber Optics	49,202,270	14,123,653	28.71%	R2.0	20.0	17.6	5.0%	0.0%	5.0%	4.8%	3.8%	1,869,686		
Total Depreciable General Plant		\$710,940,015	\$194,556,092	27.37%		15.8	11.6	10.3%	0.0%	10.3%	5.7%	5.4%	\$34,876,851		
Total Transmission, Distribution & General Plant		\$7,917,254,189	\$2,729,142,403	34.47%		30.8	21.9	14.0%	27.6%	-13.6%	3.7%	3.6%	\$283,163,458		

### **SCHEDULE III**

#### **SCHEDULE OF THEORETICAL RESERVE - SURPLUS / (DEFICIENCY)**

- |        |     |   |
|--------|-----|---|
| Column | (a) | Adjusted Plant Balance (Estimated) at 12/31/97, from Schedule V, Column (d).                                  |
| Column | (b) | Adjusted Reserve Balance (Estimated) at 12/31/97, from Schedule V, Column (h).                                |
| Column | (c) | Reserve Ratio by formula, Column (b) divided by Column (a).   |
| Column | (d) | Average Service Life, from Schedule IV, Column (e).   |
| Column | (e) | Average Remaining Life, from Schedule IV, Column (f).   |
| Column | (f) | Net Salvage Percentage, from Schedule II, Column (i).   |
| Column | (g) | Whole Life Depreciation Rate, from Schedule II, Column (j).   |
| Column | (h) | Future Depreciation Accruals, by formula, Column (a) times Column (g) times Column (e).                       |
| Column | (i) | Future Net Salvage, by formula, Column (a) times Column (f).  |
| Column | (j) | Theoretical Reserve Balance (Estimated) at 12/31/97 by formula, Column (a) minus Column (h) minus Column (i). |
| Column | (k) | Reserve Surplus or (Deficiency) Estimated at 12/31/97, by formula Column (b) minus Column (j).                |

SCHEDULE III

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF THEORETICAL RESERVE - SURPLUS/DEFICIENCY  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance (a)	Adjusted Reserve Balance (b)	Reserve Ratio (c) = b / a	Average Service Life (d)	Average Remaining Life (e)	Net Salvage Percentage (f)	Whole Life Depreciation Rate (g)	Future Accruals (h)	Future Net Salvage (i)	Theoretical Reserve Balance (j) = a - d - e	Reserve Surplus Or (Deficiency) (k) = b - j
<b>Transmission Plant</b>												
350.2	Essements	\$111,764,059	\$19,900,142	17.45%	65.0	52.0	0.0%	1.5%	\$67,175,988	\$0	\$24,588,093	(\$5,087,951)
352.0	Structures & Improvements	38,073,856	9,907,104	26.02%	47.0	35.0	-5.0%	2.2%	29,318,669	(1,903,693)	10,660,880	(793,576)
353.0	Station Equipment	666,889,048	167,852,224	24.44%	36.0	26.0	10.0%	2.5%	446,477,661	68,658,805	171,722,262	(3,870,038)
354.0	Towers & Fixtures	148,613,717	38,739,300	26.60%	45.0	33.0	-15.0%	2.6%	124,936,669	(21,842,058)	42,519,206	(3,779,906)
355.0	Poles & Fixtures	349,085,875	165,814,017	44.63%	41.0	29.0	-45.0%	3.5%	354,322,163	(157,088,644)	151,852,356	3,961,661
356.0	Overhead Conductors & Devices	337,028,817	133,525,261	39.62%	37.0	26.0	-30.0%	3.5%	306,696,223	(101,108,645)	131,441,239	2,084,022
357.0	Underground Conduit	29,770,882	15,489,705	52.03%	46.0	26.0	0.0%	2.2%	17,029,002	0	12,741,980	2,747,725
358.0	Underground Conductors & Devices	38,972,704	23,191,671	62.73%	35.0	18.0	0.0%	2.9%	19,299,751	0	17,672,953	5,518,718
359.0	Roads & Trails	86,572,199	11,201,833	16.83%	65.0	55.0	0.0%	1.5%	54,922,064	0	11,660,135	(448,302)
<b>Total Transmission Plant</b>		<b>\$1,801,771,257</b>	<b>\$575,221,257</b>	<b>31.93%</b>					<b>\$1,440,176,488</b>	<b>(\$213,254,135)</b>	<b>\$574,848,904</b>	<b>\$372,353</b>
<b>Distribution Plant</b>												
361.0	Structures & Improvements	\$62,482,584	\$15,814,594	25.31%	45.0	35.0	-5.0%	2.3%	\$50,298,480	(\$3,124,129)	\$15,308,233	\$506,351
362.0	Station Equipment	674,739,759	199,312,182	29.54%	36.0	28.0	-10.0%	2.8%	647,888,684	(67,473,976)	194,325,051	4,987,131
364.0	Poles, Towers & Fixtures	503,484,000	183,227,000	36.39%	30.0	21.0	-35.0%	4.5%	475,764,030	(176,208,900)	203,898,870	(20,671,870)
365.0	Overhead Conductors & Devices	733,795,000	323,975,000	44.15%	33.0	23.0	-50.0%	4.5%	759,477,825	(386,897,500)	341,214,675	(17,239,675)
366.6	Underground Conduit, Duct System	436,582,820	102,821,824	23.55%	48.0	37.0	0.0%	2.1%	339,224,696	0	97,357,924	5,463,900
366.7	Underground Conduit, Direct Buried	23,209,380	7,087,176	30.54%	35.0	23.0	0.0%	2.9%	15,480,656	0	7,728,724	(641,548)
367.6	Underground Conductors & Devices, Duct System	573,797,155	137,097,621	23.89%	34.0	26.0	0.0%	2.9%	432,643,055	0	155,649,912	29,990,923
367.7	Underground Conductors & Devices, Direct Buried	328,858,164	185,440,835	56.39%	29.0	15.5	0.0%	3.4%	173,308,252	0	387,717,583	1,784,353
368.0	Line Transformers	1,047,685,359	389,801,936	37.17%	31.0	22.0	-25.0%	4.0%	922,139,116	(261,971,340)	49,095,298	5,741,405
369.1	Services, Overhead	107,665,129	54,836,703	50.93%	36.0	26.0	-60.0%	4.4%	123,168,908	(84,599,077)	89,387,706	10,937,592
369.7	Services, Underground	329,804,871	99,325,297	30.12%	34.0	26.0	-10.0%	3.2%	274,397,653	(32,980,487)	131,145,637	8,971,125
370.0	Meters	317,851,762	140,116,762	44.08%	30.0	17.8	0.0%	3.3%	186,708,125	0	18,725,254	5,671,880
371.0	Installations on Customer's Premises	46,813,134	24,397,134	52.12%	15.0	10.0	-20.0%	8.0%	37,450,507	(9,362,627)	89,565,806	6,845,194
373.0	Street Lighting & Signal Systems	217,604,000	96,411,000	44.31%	20.0	13.8	-35.0%	6.8%	204,199,594	(76,161,400)	\$1,921,174,772	\$38,190,282
<b>Total Distribution Plant</b>		<b>\$5,404,542,917</b>	<b>\$1,959,365,054</b>	<b>36.25%</b>					<b>\$4,542,147,581</b>	<b>(\$1,058,779,436)</b>		

SCHEDULE III

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF THEORETICAL RESERVE - SURPLUS/(DEFICIENCY)  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Adjusted Plant Balance	Adjusted Reserve Balance	Reserve Ratio	Average Service Life	Average Remaining Life	Net Salvage Percentage	Whole Life Depreciation Rate	Future Accruals	Future Net Salvage	Theoretical Reserve Balance	Reserve Surplus Or (Deficiency)
		(a)	(b)	(c) = b / a	(d)	(e)	(f)	(g)	(d)	(e)	(f) = a - d - e	(g) = b - f
General Plant												
390.0	Structures & Improvements - FPL	\$184,591,000	\$24,899,000	15.13%	40.0	30.0	0.0%	2.5%	\$123,443,250	\$0	\$41,147,750	(\$18,248,750)
390.0	Structures & Improvements - LRIC	190,686,000	44,971,000	23.58%	40.0	30.0	0.0%	2.5%	143,014,500	0	47,671,500	(2,700,500)
392.0	Aircraft - Rotary Wing	2,108,320	938,978	44.54%	7.0	2.5	50.0%	7.1%	374,227	1,054,160	679,933	259,045
392.0	Aircraft - Fixed Wing (Jet)	19,983,895	4,225,521	21.14%	10.0	6.0	50.0%	5.0%	5,995,169	9,991,948	3,996,778	228,743
392.1	Transportation - Automobiles	1,479,587	623,749	42.18%	7.0	5.4	10.0%	12.9%	1,030,680	147,959	300,948	322,801
392.2	Transportation - Light Trucks	20,724,222	7,211,993	34.80%	8.0	5.0	15.0%	10.8%	10,983,838	3,108,633	6,631,751	580,242
392.3	Transportation - Heavy Trucks	144,837,889	57,184,837	39.48%	11.0	5.7	20.0%	7.3%	60,266,954	28,967,534	55,603,181	1,581,656
392.4	Transportation - Tractor-Trailers	1,123,864	248,102	22.08%	11.0	5.7	20.0%	7.3%	467,640	224,773	431,451	(183,349)
392.9	Transportation - Trailers	11,559,790	4,573,479	39.56%	18.0	11.5	30.0%	3.9%	5,184,566	3,467,937	2,907,287	1,666,192
393.1	Stores Equipment - Handling Equipment	9,126,838	2,334,555	25.58%	7.0	7.0	0.0%	14.3%	9,135,963	0	(9,127)	0
394.1	Shop Equipment - Fixed/Stationary	10,832,257	(1,027,198)	-9.48%	7.0	7.0	0.0%	14.3%	10,843,089	0	(10,832)	0
395.1	Lab Equipment - Fixed/Stationary	21,249,516	4,612,553	21.71%	7.0	7.0	0.0%	14.3%	21,270,766	0	(21,250)	0
396.1	Power Operated Equipment (Transportation)	5,825,868	3,341,840	57.36%	10.0	6.1	20.0%	8.0%	2,843,024	1,165,174	1,817,670	1,524,170
396.6	Other Power Operated Equipment	166,580	24,099	12.92%	10.0	5.8	20.0%	8.0%	88,573	37,316	62,891	(38,592)
397.1	Communications Equipment - Other	38,441,646	13,148,826	34.20%	7.0	7.0	0.0%	14.3%	38,480,088	0	(38,442)	0
397.3	Communications Equipment - Official	18,980,695	13,121,105	69.13%	7.0	7.0	0.0%	14.3%	18,999,676	0	(18,981)	0
397.8	Communications Equipment - Fiber Optics	49,202,270	14,123,653	28.71%	20.0	17.6	5.0%	4.8%	41,566,078	2,460,114	5,176,078	8,947,575
Total Depreciable General Plant		\$710,940,015	\$194,566,092	27.37%					\$493,986,081	\$50,625,548	\$166,326,386	(\$4,060,767)
Total Transmission, Distribution & General Plant		\$7,917,254,189	\$2,729,142,403	34.50%					\$6,476,310,150	(\$1,221,408,023)	\$2,662,352,062	\$34,501,868

**SCHEDULE IV**

**SCHEDULE OF DISPERSION TYPE (CURVE) SELECTION**

Columns (a), (b), (c)

Dispersion Type (Curve), Average Service Life, Average Remaining Life approved at the FERC account level in Docket No. 931231-EI.

Columns (d), (e), (f)

Dispersion Type (Curve), Average Service Life, Average Remaining Life from the accompanying individual FERC account analyses.

SCHEDULE IV

FLORIDA POWER & LIGHT COMPANY  
SCHEDULE OF DISPERSION TYPE (CURVE) SELECTION

Account Number	Account Description	** RATES APPROVED IN DOCKET 931231-EI ** (Order No: PSC-94-1199-FOF-EI)			** RECOMMENDED RATES **		
		Dispersion Type (Curve)	Average Life		Dispersion Type (Curve)	Average Life	
			Service Life	Remaining Life		Service Life	Remaining Life
		(a)	(b)	(c)	(d)	(e)	(f)
<b>Transmission Plant</b>							
350.2	Easements	S4.0	65.0	49.0	S4.0	65.0	52.0
352.0	Structures & Improvements	S4.0	47.0	36.0	S4.0	47.0	35.0
353.0	Station Equipment	R2.0	40.0	30.0	R2.0	36.0	26.0
354.0	Towers & Fixtures	R5.0	45.0	30.0	R5.0	45.0	33.0
355.0	Poles & Fixtures	R2.0	40.0	29.0	R2.0	41.0	29.0
356.0	Overhead Conductors & Devices	R2.5	37.0	26.0	R2.5	37.0	26.0
357.0	Underground Conduit	S3.0	46.0	27.0	S3.0	46.0	26.0
358.0	Underground Conductors & Devices	S3.0	35.0	17.5	S3.0	35.0	18.0
359.0	Roads & Trails	S0	65.0	52.0	S0	65.0	55.0
<b>Total Transmission Plant</b>							
<b>Distribution Plant</b>							
361.0	Structures & Improvements	L3.0	45.0	35.0	L3.0	45.0	35.0
362.0	Station Equipment	R1.5	37.0	29.0	R2.0	38.0	28.0
364.0	Poles, Towers & Fixtures	L0.0	36.0	30.0	R1.5	30.0	21.0
365.0	Overhead Conductors & Devices	L1.0	34.0	27.0	S1.0	33.0	23.0
366.6	Underground Conduit, Duct System	S2.0	54.0	44.0	S3.0	48.0	37.0
366.7	Underground Conduit, Direct Buried	S3.0	35.0	25.0	S3.0	35.0	23.0
367.6	Underground Conductors & Devices Duct System	S0.5	34.0	27.0	S0.5	34.0	26.0
367.7	Underground Conductors & Devices, Direct Buried	R3.0	29.0	17.8	R3.0	29.0	15.5
368.0	Line Transformers	S1.0	30.0	22.0	L2.0	31.0	22.0
369.1	Services, Overhead	R1.0	36.0	27.0	R1.0	36.0	26.0
369.7	Services, Underground	R2.0	34.0	27.0	R2.0	34.0	26.0
370.0	Meters	S3.0	30.0	18.5	R3.0	30.0	17.8
371.0	Installations on Customer's Premises	L1.0	15.0	10.7	L1.0	15.0	10.0
373.0	Street Lighting & Signal Systems	L0.0	32.0	18.1	S-.5	20.0	13.8
<b>Total Distribution Plant</b>							



SCHEDULE IV

FLORIDA POWER & LIGHT COMPANY  
SCHEDULE OF DISPERSION TYPE (CURVE) SELECTION

Account Number	Account Description	** RATES APPROVED IN DOCKET 931231-EI ** (Order No: PSC-94-1199-FOF-EI)			** RECOMMENDED RATES **		
		Dispersion Type (Curve)	Average Life		Dispersion Type (Curve)	Average Life	
			Service Life	Remaining Life		Service Life	Remaining Life
		(a)	(b)	(c)	(d)	(e)	(f)
<b>General Plant</b>							
390.0	Structures & Improvements - FPL	S1.5	47.0	39.0	S2.0	40.0	30.0
390.0	Structures & Improvements - LRIC	S1.5	47.0	39.0	S2.0	40.0	30.0
392.0	Aircraft - Rotary Wing	SQ	7.0	6.5	SQ	7.0	2.5
392.0	Aircraft - Fixed Wing (Jet)	SQ	10.0	6.5	SQ	10.0	6.0
392.1	Transportation - Automobiles	R3.0	6.0	2.1	L3.0	7.0	5.4
392.2	Transportation - Light Trucks	S3.0	8.0	3.5	S3.0	8.0	5.0
392.3	Transportation - Heavy Trucks	S2.0	12.0	6.8	S3.0	11.0	5.7
392.4	Transportation - Tractor-Trailers	S2.0	12.0	8.8	S3.0	11.0	5.7
392.9	Transportation - Trailers	S2.0	17.0	10.5	L2.0	18.0	11.5
393.1	Stores Equipment - Handling Equipment	R2.0	26.0	19.9	N/A	7.0	7.0
394.1	Shop Equipment - Fixed/Stationary	R0.5	28.0	24.0	N/A	7.0	7.0
395.1	Lab Equipment - Fixed/Stationary	L0.5	35.0	30.0	N/A	7.0	7.0
396.1	Power Operated Equipment (Transportation)	L0.0	9.0	6.0	L0.0	10.0	6.1
396.8	Other Power Operated Equipment	L0.0	9.0	5.1	S0.0	10.0	5.8
397.1	Communications Equipment - Other	R3.0	17.0	12.9	N/A	7.0	7.0
397.3	Communications Equipment - Official	R3.0	8.0	5.1	N/A	7.0	7.0
397.8	Communications Equipment - Fiber Optics	R2.0	10.0	7.8	R2.0	20.0	17.6
<b>Total Depreciable General Plant</b>							
<b>Total Transmission, Distribution &amp; General Plant</b>							

**SCHEDULE V**

**SCHEDULE OF PLANT AND RESERVE - EXCLUSIONS**

- |        |     |   |
|--------|-----|---|
| Column | (a) | Estimated Plant Balance at 12/31/97 from Property Record System balances as of 10/31/97, brought forward to year-end using financial projections.   |
| Column | (b) | Accelerated Oil Backout investment at 12/31/97 from Property Record System.   |
| Column | (c) | Load Management System (LMS) investment at 12/31/97 from Property Record System (if not separated in a unique account).                             |
| Column | (d) | Adjusted Plant Balance (Estimated) at 12/31/97 by formula, Column (a) minus Column (b) minus Column (c).  |
| Column | (e) | Estimated Reserve Balance at 12/31/97 from Property Record System balances as of 10/31/97, brought forward to year-end using financial projections. |
| Column | (f) | Accelerated Oil Backout reserve dollars at 12/31/97 from Property Record System.  |
| Column | (g) | Load Management System (LMS) reserve dollars at 12/31/97 from Property Record System (if not separated in a unique account).                        |
| Column | (h) | Adjusted Reserve Balance (Estimated) at 12/31/97 by formula, Column (e) minus Column (f) minus Column (g).  |

SCHEDULE V

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF PLANT IN SERVICE AND RESERVE ADJUSTMENTS  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Plant In Service				Accumulated Provision For Depreciation			
		Unadjusted Balance	Exclusions		Adjusted Balance	Unadjusted Balance	Exclusions		Adjusted Balance
			Accelerated Oil Backout	Load Management System			Accelerated Oil Backout	Load Management System	
(a)	(b)	(c)	(d) = a-b-c	(e)	(f)	(g)	(h) = e-f-g		
<b>Transmission Plant</b>									
350.2	Easements	\$134,353,003	\$22,588,944	\$0	\$111,764,059	\$42,089,086	\$22,588,944	\$0	\$19,500,142
352.0	Structures & Improvements	42,380,765	4,306,909	0	38,073,856	14,214,013	4,306,909	0	9,907,104
353.0	Station Equipment	755,929,376	69,040,328	0	686,889,048	236,892,552	69,040,328	0	167,852,224
354.0	Towers & Fixtures	278,453,488	132,839,771	0	145,613,717	171,579,071	132,839,771	0	38,739,300
355.0	Poles & Fixtures	350,714,634	1,628,759	0	349,085,875	157,442,776	1,628,759	0	155,814,017
356.0	Overhead Conductors & Devices	421,095,433	84,066,616	0	337,028,817	217,591,877	84,066,616	0	133,525,261
357.0	Underground Conduit	29,770,982	0	0	29,770,982	15,489,705	0	0	15,489,705
358.0	Underground Conductors & Devices	36,972,704	0	0	36,972,704	23,191,671	0	0	23,191,671
359.0	Roads & Trails	72,831,615	6,259,416	0	66,572,199	17,461,249	6,259,416	0	11,201,833
<b>Total Transmission Plant</b>		<b>\$2,122,502,000</b>	<b>\$320,730,743</b>	<b>\$0</b>	<b>\$1,801,771,257</b>	<b>\$895,952,000</b>	<b>\$320,730,743</b>	<b>\$0</b>	<b>\$575,221,257</b>
<b>Distribution Plant</b>									
361.0	Structures & Improvements	\$62,549,051	\$66,467	\$0	\$62,482,584	\$15,881,051	\$66,467	\$0	\$15,814,584
362.0	Station Equipment	675,200,494	460,735	0	674,739,759	199,772,917	460,735	0	199,312,182
364.0	Poles, Towers & Fixtures	503,454,000	0	0	503,454,000	183,227,000	0	0	183,227,000
365.0	Overhead Conductors & Devices	733,795,000	0	0	733,795,000	323,975,000	0	0	323,975,000
366.6	Underground Conduit, Duct System	436,582,620	0	0	436,582,620	102,821,824	0	0	102,821,824
366.7	Underground Conduit, Direct Buried	23,209,380	0	0	23,209,380	7,087,176	0	0	7,087,176
367.6	Underground Conductors & Devices Duct System	573,797,155	0	0	573,797,155	137,097,621	0	0	137,097,621
367.7	Underground Conductors & Devices, Direct Buried	328,858,164	0	0	328,858,164	185,440,835	0	0	185,440,835
368.0	Line Transformers	1,047,885,359	0	0	1,047,885,359	389,501,936	0	0	389,501,936
369.1	Services, Overhead	107,665,129	0	0	107,665,129	54,836,703	0	0	54,836,703
369.7	Services, Underground	329,804,871	0	0	329,804,871	99,325,297	0	0	99,325,297
370.0	Meters	318,269,000	0	417,238	317,851,762	140,534,000	0	417,238	140,116,762
371.0	Installations on Customer's Premises	47,263,000	0	449,866	46,813,134	24,847,000	0	449,866	24,397,134
373.0	Street Lighting & Signal Systems	217,604,000	0	0	217,604,000	96,411,000	0	0	96,411,000
<b>Total Distribution Plant</b>		<b>\$5,405,937,223</b>	<b>\$527,202</b>	<b>\$867,104</b>	<b>\$5,404,542,917</b>	<b>\$1,960,759,360</b>	<b>\$527,202</b>	<b>\$867,104</b>	<b>\$1,959,365,054</b>

SCHEDULE V

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF PLANT IN SERVICE AND RESERVE ADJUSTMENTS  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Plant In Service			Accumulated Provision For Depreciation				
		Unadjusted Balance	Exclusions		Adjusted Balance	Unadjusted Balance	Exclusions		Adjusted Balance
			Accelerated OR Backout	Load Management System			Accelerated Oil Backout	Load Management System	
(a)	(b)	(c)	(d) = a-b-c	(e)	(f)	(g)	(h) = e-f-g		
<b>General Plant</b>									
390.0	Structures & Improvements - FPL	\$164,591,000	\$0	\$0	\$164,591,000	\$24,899,000	\$0	\$0	\$24,899,000
390.0	Structures & Improvements - LRIC	190,686,000	0	0	190,686,000	44,971,000	0	0	44,971,000
392.0	Aircraft - Rotary Wing	2,108,320	0	0	2,108,320	938,978	0	0	938,978
392.0	Aircraft - Fixed Wing (Jet)	19,983,895	0	0	19,983,895	4,225,521	0	0	4,225,521
392.1	Transportation - Automobiles	1,479,587	0	0	1,479,587	623,749	0	0	623,749
392.2	Transportation - Light Trucks	20,724,222	0	0	20,724,222	7,211,993	0	0	7,211,993
392.3	Transportation - Heavy Trucks	144,837,669	0	0	144,837,669	57,184,837	0	0	57,184,837
392.4	Transportation - Tractor-Trailers	1,123,864	0	0	1,123,864	248,102	0	0	248,102
392.9	Transportation - Trailers	11,559,790	0	0	11,559,790	4,573,479	0	0	4,573,479
393.1	Stores Equipment - Handling Equipment	9,126,836	0	0	9,126,836	2,334,555	0	0	2,334,555
394.1	Shop Equipment - Fixed/Stationary	10,832,257	0	0	10,832,257	(1,027,198)	0	0	(1,027,198)
395.1	Lab Equipment - Fixed/Stationary	21,249,516	0	0	21,249,516	4,612,553	0	0	4,612,553
396.1	Power Operated Equipment (Transportation)	5,825,868	0	0	5,825,868	3,341,840	0	0	3,341,840
396.8	Other Power Operated Equipment	186,580	0	0	186,580	24,099	0	0	24,099
397.1	Communications Equipment - Other	38,441,646	0	0	38,441,646	13,148,826	0	0	13,148,826
397.3	Communications Equipment - Official	18,980,695	0	0	18,980,695	13,121,105	0	0	13,121,105
397.8	Communications Equipment - Fiber Optics	49,202,270	0	0	49,202,270	14,123,653	0	0	14,123,653
<b>Total Depreciable General Plant</b>		<b>\$710,940,015</b>	<b>\$0</b>	<b>\$0</b>	<b>\$710,940,015</b>	<b>\$194,556,092</b>	<b>\$0</b>	<b>\$0</b>	<b>\$194,556,092</b>
<b>Total Transmission, Distribution &amp; General Plant</b>		<b>\$8,239,379,238</b>	<b>\$321,257,945</b>	<b>\$867,104</b>	<b>\$7,917,254,189</b>	<b>\$3,051,267,452</b>	<b>\$321,257,945</b>	<b>\$867,104</b>	<b>\$2,729,142,403</b>

SCHEDULE V

FLORIDA POWER & LIGHT COMPANY  
 SCHEDULE OF PLANT IN SERVICE AND RESERVE ADJUSTMENTS  
 Using Estimated December 31, 1997 Balances

Account Number	Account Description	Plant In Service				Accumulated Provision For Depreciation			
		Unadjusted Balance	Exclusions		Adjusted Balance	Unadjusted Balance	Exclusions		Adjusted Balance
			Accelerated Off Backout	Load Management System			Accelerated Off Backout	Load Management System	
(a)	(b)	(c)	(d) = a-b-c	(e)	(f)	(g)	(h) = e-f-g		
<b>Amortized Accounts</b>									
367.8	UG Conduct & Dev., Cable Injection - 8 year	\$13,602,490	\$0	\$0	\$13,602,490	\$7,565,021	\$0	\$0	\$7,565,021
367.9	UG Conduct & Dev., Cable Injection - 10 year	7,731,498	0	0	7,731,498	1,076,523	0	0	1,076,523
390.1	Leaseholds	3,440,129	0	0	3,440,129	2,635,750	0	0	2,635,750
391.1	Office Furniture	12,954,133	0	0	12,954,133	9,128,421	0	0	9,128,421
391.2	Office Accessories	3,355,607	0	0	3,355,607	2,211,982	0	0	2,211,982
391.3	Office Equipment	799,018	0	0	799,018	459,526	0	0	459,526
391.4	Duplicating & Mailing Equipment	5,088,453	0	0	5,088,453	2,481,219	0	0	2,481,219
391.5	EDP Equipment	88,063,119	0	0	88,063,119	52,503,972	0	0	52,503,972
391.9	Personal Computer Equipment	22,283,136	0	0	22,283,136	6,931,365	0	0	6,931,365
392.7	Transportation Equipment - Marine	34,909	0	0	34,909	13,445	0	0	13,445
393.2	Stores Equipment - Storage Equipment	1,071,672	0	0	1,071,672	505,888	0	0	505,888
393.3	Stores Equipment - Portable Handling	551,752	0	0	551,752	317,188	0	0	317,188
394.2	Shop Equipment - Portable Handling	9,151,517	0	0	9,151,517	4,849,462	0	0	4,849,462
395.2	Lab Equipment - Portable	11,827,078	0	0	11,827,078	6,251,419	0	0	6,251,419
398.0	Miscellaneous Equipment	7,420,464	0	0	7,420,464	4,154,270	0	0	4,154,270
<b>Total Presently Amortized Accounts</b>		<b>\$187,374,975</b>	<b>\$0</b>	<b>\$0</b>	<b>\$187,374,975</b>	<b>\$101,085,451</b>	<b>\$0</b>	<b>\$0</b>	<b>\$101,085,451</b>
<b>Intangible Plant</b>									
302.0	Franchises & Consents	\$124,649	\$0	\$0	\$124,649	\$101,960	\$0	\$0	\$101,960
303.0	Miscellaneous Intangibles	12,998,223	0	0	12,998,223	5,639,902	0	0	5,639,902
303.5	Computer Software	105,020,097	0	0	105,020,097	54,391,733	0	0	54,391,733
303.6	Capitalized Software - 10 year	58,102,031	0	0	58,102,031	26,054,405	0	0	26,054,405
304.0	ITC Interest Synchronization	0	0	0	0	16,572,192	0	0	16,572,192
<b>Total Intangible Plant</b>		<b>\$176,245,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$176,245,000</b>	<b>\$102,760,192</b>	<b>\$0</b>	<b>\$0</b>	<b>\$102,760,192</b>
<b>Total For All Non-Production Accounts</b>		<b>\$8,602,999,213</b>	<b>\$321,257,945</b>	<b>\$867,104</b>	<b>\$8,280,874,164</b>	<b>\$3,255,113,095</b>	<b>\$321,257,945</b>	<b>\$867,104</b>	<b>\$2,932,988,046</b>

Section 2

**Transmission Plant  
Depreciation  
Study**

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For

TRANSMISSION PLANT

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## TRANSMISSION PLANT - DESCRIPTION

As of year-end 1996, Florida Power & Light Company's (the Company) bulk transmission system was comprised of 1,107 circuit miles of 500 Kv (including 75 miles of 500 kv lines [two 37-1/2 mile lines] between Duval Substation and the Florida-Georgia state line, jointly owned with Jacksonville Electric Authority) and 2,506 miles of 230 kv lines. The underlying network is comprised of 1,534 miles of 138 kv, 704 miles of 115 kv and 177 miles of 69 kv transmission lines.

The oil-backout cost recovery clause (OBO clause) allowed accelerated recovery of the costs of certain projects intended to displace oil-fired generation. Recovery through the OBO clause began in October, 1982. The Company has recovered all of the Florida Public Service Commission (FPSC) jurisdictional costs associated with the OBO clause portion of its two 500 kv transmission lines. The transmission lines subject to OBO recovery extend from the Florida/Georgia border to Martin County and allow for the importation of coal-fired power from the Southern Companies.

## DEPRECIATION STUDY METHODOLOGY

Historical retirement data for the Transmission Plant accounts (Accounts 350.2 through 359.0) was analyzed at the Federal Energy Regulatory Commission (FERC) account level. The analysis focused on obtaining vintaged surviving plant balances from which meaningful survivor curves could be derived and fitted to Iowa-type survivor curves. Simulated Plant Record (SPR) analyses were employed whenever actuarial analysis proved inconclusive.

### Treatment of Oil Backout

The surviving plant balances used for plotting the survivor curves for the transmission line accounts included the cost of the oil-backout related 500 kv transmission lines. For the purpose of predicting life characteristics and retirement patterns, it is relevant and appropriate that the cost of these facilities be included in the surviving plant balances. However, for purposes of computing the reserve position and depreciation rates, the plant balances and accumulated provision for depreciation have

been adjusted to reflect the exclusion of the cost and related reserve of OBO facilities. Because the FPSC jurisdictional costs of OBO assets have been fully recovered under the oil-backout recovery provisions of the fuel clause, the adjustment to plant investment equals the adjustment to the provision for accumulated depreciation. In summary, OBO assets have been included in the surviving plant balances for the purposes of curve fitting, but once the curve and average service lives were identified, the FPSC jurisdictional OBO costs and related reserve were excluded from the computation of reserve position and depreciation rates.

**Treatment of Hurricane Retirements**

On August 24, 1992, Florida Power & Light Company's southeastern service area, primarily Dade and Monroe counties, was hit by a Class 4 hurricane - Hurricane Andrew. Although hurricane damage in the South Florida area was quite extensive, requiring millions of dollars in hurricane damaged equipment to be prematurely retired, the retirements amounted to only a small percentage of the plant in service balances. Since hurricane-related damage is highly unpredictable and relatively infrequent, the related retirements and salvage components should not be considered indicative of the future. Therefore, all hurricane related retirements were excluded from the study.

ACCOUNT 350.2 - EASEMENTS

This account was first stratified into a unique subaccount and became depreciable in 1975. In the depreciation study approved for use in 1987, an S4.0 curve type and a 65 year average service life was established for this subaccount. The Company attempted to analyze the retirement characteristics of this subaccount in the 1991 and 1994 studies, but the lack of sufficient retirements did not lead to any conclusive results using either actuarial or simulation methods. Using records through October, 1997, the analysis of this account on the basis of actuarial and simulated plant record methods still continues to be inconclusive. For this reason, the Company recommendation is to maintain the current S4.0-65 dispersion pattern. Because of a lack of retirements, this pattern is a good fit through the age-interval 42.5. The use of this dispersion pattern and life results in a 52 year average remaining life. Indicated net salvage percentages have not changed since zero percent was approved in the last depreciation rate prescription.

# Florida Power & Light Company

## Actuarial Analysis

### Account 350.2 – LAND AND LAND RIGHTS - EASEMENTS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 14.20

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	210,904,870	5,995	0.0000	100.00
0.5	159,140,678	22,682	0.0001	100.00
1.5	142,968,282	1,350	0.0000	99.98
2.5	108,329,378	600	0.0000	99.98
3.5	94,292,527	867	0.0000	99.98
4.5	86,548,726	1,852	0.0000	99.98
5.5	81,704,336	9,618	0.0001	99.98
6.5	80,076,675	9,766	0.0001	99.97
7.5	76,406,977	25,216	0.0003	99.95
8.5	75,112,208	366	0.0000	99.92
9.5	74,333,116	160	0.0000	99.92
10.5	62,896,005	8,816	0.0001	99.92
11.5	57,286,548	6,058	0.0001	99.91
12.5	45,663,076	23,811	0.0005	99.90
13.5	40,210,568	24,483	0.0006	99.84
14.5	37,320,142	1,853	0.0000	99.78
15.5	36,291,532	7,435	0.0002	99.78
16.5	36,115,005	11,190	0.0003	99.76
17.5	32,722,128	27,665	0.0008	99.73
18.5	32,573,636	640	0.0000	99.64
19.5	32,530,532	378	0.0000	99.64
20.5	31,356,584	5,604	0.0002	99.64
21.5	25,077,836	8,089	0.0003	99.62
22.5	19,413,243	5	0.0000	99.59
23.5	17,980,120	1,400	0.0001	99.59
24.5	17,593,864	2,616	0.0001	99.58
25.5	16,751,864	-	0.0000	99.57
26.5	16,592,937	72	0.0000	99.57
27.5	15,940,980	98	0.0000	99.57
28.5	12,285,062	4,803	0.0004	99.57
29.5	11,740,297	593	0.0001	99.53
30.5	10,763,176	-	0.0000	99.52
31.5	9,054,050	-	0.0000	99.52

# Florida Power & Light Company

## Actuarial Analysis

### Account 350.2 -- LAND AND LAND RIGHTS - EASEMENTS COMPANY COMPOSITE

Placement Band: 1941-1997

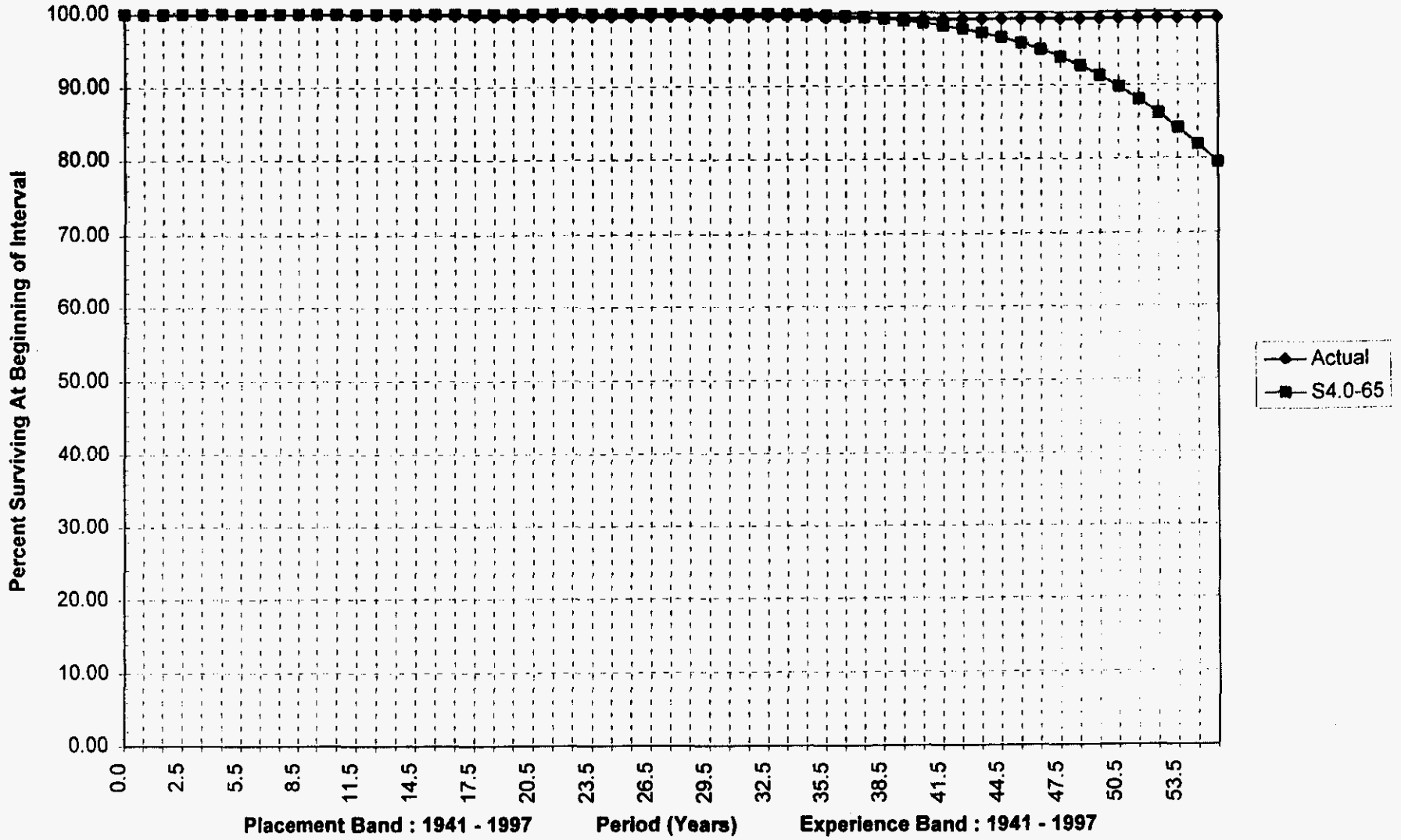
Experience Band: 1941-1997

Average Age of Retirements: 14.20

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	8,443,265	570	0.0001	99.52
33.5	7,593,139	1,000	0.0001	99.52
34.5	6,522,521	12,448	0.0019	99.50
35.5	4,758,718	(962)	-0.0002	99.31
36.5	4,383,547	434	0.0001	99.33
37.5	3,422,272	3,825	0.0011	99.32
38.5	3,100,325	1,756	0.0006	99.21
39.5	2,249,650	595	0.0003	99.16
40.5	2,012,428	250	0.0001	99.13
41.5	1,824,201	-	0.0000	99.12
42.5	1,263,809	-	0.0000	99.12
43.5	821,538	-	0.0000	99.12
44.5	489,915	-	0.0000	99.12
45.5	181,889	-	0.0000	99.12
46.5	49,912	-	0.0000	99.12
47.5	49,887	-	0.0000	99.12
48.5	47,763	-	0.0000	99.12
49.5	35,537	-	0.0000	99.12
50.5	29,798	-	0.0000	99.12
51.5	26,040	-	0.0000	99.12
52.5	25,257	-	0.0000	99.12
53.5	22,855	-	0.0000	99.12
54.5	7,653	-	0.0000	99.12
55.5	-	-	0.0000	99.12
56.5	-	-	-	99.12
<b>Total</b>	1,855,338,877	233,997		

# Account 350.2 -- LAND AND LAND RIGHTS - EASEMENTS

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 350.2 -- LAND AND LAND RIGHTS - EASEMENTS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S4  
Average Service Life..... 65.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	1,612,566	100.00	1,612,566	64.50	104,010,507
1996	9,286,081	100.00	9,286,081	63.50	589,666,144
1995	20,249,334	100.00	20,249,334	62.50	1,265,583,375
1994	12,510,227	100.00	12,510,227	61.50	769,378,961
1993	6,414,658	100.00	6,414,658	60.50	388,086,809
1992	176,138	100.00	176,138	59.50	10,480,211
1991	1,204,534	100.00	1,204,534	58.50	70,465,239
1990	3,073,214	100.00	3,073,214	57.50	176,709,805
1989	1,158,597	100.00	1,158,597	56.50	65,460,731
1988	185,935	100.00	185,935	55.50	10,319,393
1987	1,696,257	100.00	1,696,257	54.50	92,446,007
1986	4,571,619	100.00	4,571,619	53.50	244,581,617
1985	2,226,755	100.00	2,226,755	52.50	116,904,638
1984	1,691,837	100.00	1,691,837	51.50	87,129,606
1983	2,902,909	99.87	2,899,181	50.50	146,408,641
1982	4,258,232	100.00	4,258,232	49.50	210,782,484
1981	167,927	100.00	167,927	48.50	8,144,460
1980	2,820,289	99.71	2,811,979	47.50	133,569,003
1979	42,254	100.00	42,254	46.50	1,964,811
1978	544,629	100.00	544,629	45.50	24,780,620
1977	1,133,742	100.00	1,133,742	44.50	50,451,519
1976	5,536,783	99.75	5,522,944	43.50	240,248,064
1975	5,650,276	100.00	5,650,276	42.50	240,136,730
1974	1,427,485	100.00	1,427,485	41.50	59,240,628
1973	970,792	97.85	949,907	40.50	38,471,234
1972	797,534	96.94	773,091	39.50	30,537,095
1971	111,629	100.00	111,629	38.50	4,297,717
1970	651,883	100.00	651,883	37.50	24,445,613
1969	3,647,345	99.92	3,644,545	36.51	133,062,338
1968	520,548	99.45	517,699	35.51	18,383,491
1967	986,610	97.88	965,712	34.52	33,336,378
1966	1,647,342	99.39	1,637,335	33.53	54,899,843
1965	616,599	99.38	612,787	32.54	19,940,089

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 350.2 – LAND AND LAND RIGHTS - EASEMENTS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S4  
Average Service Life..... 65.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	850,870	99.84	849,535	31.55	26,802,829
1963	1,066,322	99.76	1,063,768	30.58	32,530,025
1962	1,784,608	98.23	1,752,960	29.60	51,887,616
1961	375,160	99.49	373,242	28.64	10,689,651
1960	965,237	99.52	960,571	27.68	26,588,605
1959	334,500	95.11	318,131	26.74	8,506,823
1958	858,491	98.89	848,919	25.80	21,902,110
1957	243,549	97.06	236,391	24.88	5,881,408
1956	187,211	100.00	187,211	23.98	4,489,320
1955	561,769	98.92	555,719	23.09	12,831,552
1954	449,650	98.36	442,272	22.22	9,827,284
1953	334,151	99.13	331,240	21.37	7,078,599
1952	312,703	98.43	307,804	20.53	6,319,216
1951	136,437	95.72	130,598	19.73	2,576,699
1950	25	100.00	25	18.94	474
1949	2,124	100.00	2,124	18.18	38,614
1948	23,912	50.08	11,976	17.44	208,861
1947	6,190	92.73	5,740	16.73	96,030
1946	3,558	100.00	3,558	16.05	57,106
1945	1,147	68.27	783	15.38	12,043
1944	3,403	70.58	2,402	14.75	35,430
1943	20,268	75.00	15,201	14.14	214,942
1942	8,965	85.37	7,653	13.55	103,698
<b>Balances</b>	<b>109,022,810</b>		<b>108,788,812</b>	<b>52.33</b>	<b>5,693,002,736</b>

**Average Age of Survivors = 12.69 Years**



ACCOUNT 352.0 - STRUCTURES & IMPROVEMENTS

This account was analyzed using actuarial techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Although this account does not typically experience many retirements (approximately 97.8% of the original investment remains in service), the current dispersion pattern and average service life provides a fair approximation of the few retirements that have taken place through age-interval 48.5. Until more experience is gained with this account, the Company recommends retaining the dispersion pattern and average service life (S4.0-47) approved in the last study. The indicated dispersion pattern and life results in a remaining life of 35 years.

Examination of net salvage records through October, 1997, as well as the experience and estimates of other Florida utilities, indicates that the current negative 15 percent may be too high. Therefore, the Company recommends that negative 5 percent be approved until more experience is obtained.

# Florida Power & Light Company

## Actuarial Analysis

### Account 352.0 – STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 19.41

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	52,939,993	4,208	0.0001	100.00
0.5	45,599,217	3,685	0.0001	99.99
1.5	41,088,846	13,667	0.0003	99.98
2.5	32,320,216	12,276	0.0004	99.95
3.5	28,921,270	16,314	0.0006	99.91
4.5	27,039,434	53,555	0.0020	99.86
5.5	26,247,836	34,126	0.0013	99.66
6.5	26,524,174	21,612	0.0008	99.53
7.5	25,999,140	61,334	0.0024	99.45
8.5	24,006,363	34,705	0.0014	99.21
9.5	21,018,651	9,308	0.0004	99.07
10.5	20,854,987	26,004	0.0012	99.03
11.5	19,330,593	48,608	0.0025	98.90
12.5	18,551,137	45,713	0.0025	98.65
13.5	15,515,076	19,564	0.0013	98.41
14.5	13,817,490	22,132	0.0016	98.29
15.5	9,841,316	7,277	0.0007	98.13
16.5	9,441,656	2,654	0.0003	98.06
17.5	7,077,889	43,457	0.0061	98.03
18.5	6,830,604	10,542	0.0015	97.43
19.5	6,234,280	15,201	0.0024	97.28
20.5	4,907,876	26,456	0.0054	97.04
21.5	3,547,209	5,499	0.0016	96.52
22.5	3,209,001	8,287	0.0026	96.37
23.5	3,188,158	65,157	0.0204	96.12
24.5	3,200,554	7,242	0.0023	94.15
25.5	2,432,575	7,809	0.0032	93.94
26.5	2,404,143	8,249	0.0034	93.64
27.5	1,481,797	3,103	0.0021	93.32
28.5	1,421,277	2,841	0.0020	93.12
29.5	1,275,102	22,452	0.0176	92.94
30.5	1,205,333	-	0.0000	91.30
31.5	1,044,934	-	0.0000	91.30

# Florida Power & Light Company

## Actuarial Analysis

### Account 352.0 – STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

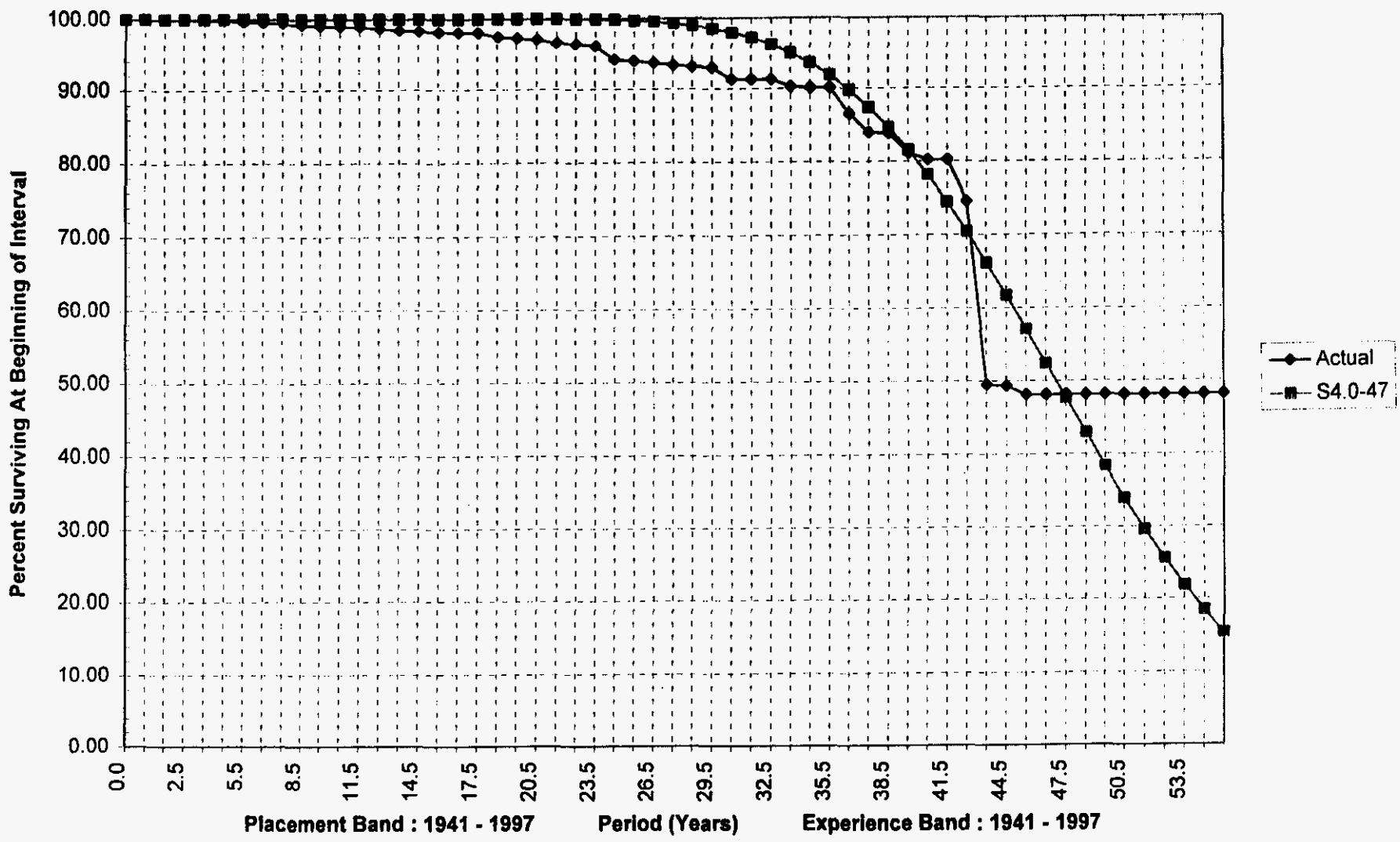
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 19.41

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	891,471	9,784	0.0110	91.30
33.5	896,837	1,880	0.0021	90.30
34.5	803,252	-	0.0000	90.11
35.5	784,020	30,997	0.0395	90.11
36.5	678,238	19,945	0.0294	86.55
37.5	683,298	1,089	0.0016	84.00
38.5	602,327	19,536	0.0324	83.87
39.5	437,497	4,944	0.0113	81.15
40.5	266,410	-	0.0000	80.23
41.5	252,833	18,026	0.0713	80.23
42.5	224,599	75,550	0.3364	74.51
43.5	142,207	554	0.0039	49.45
44.5	133,934	3,218	0.0240	49.25
45.5	149,809	-	0.0000	48.07
46.5	150,314	-	0.0000	48.07
47.5	122,698	-	0.0000	48.07
48.5	119,463	-	0.0000	48.07
49.5	140,905	-	0.0000	48.07
50.5	137,896	-	0.0000	48.07
51.5	126,927	-	0.0000	48.07
52.5	122,908	-	0.0000	48.07
53.5	122,745	-	0.0000	48.07
54.5	122,745	-	0.0000	48.07
55.5	117,457	-	0.0000	48.07
56.5				48.07
<b>Total</b>	516,748,917	848,560		

# Account 352.0 -- STRUCTURES AND IMPROVEMENTS



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 352.0 -- STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S4  
Average Service Life..... 47.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	612,872	100.00	612,872	46.50	28,498,548
1996	59,191	100.00	59,191	45.50	2,693,191
1995	6,904,586	100.00	6,904,586	44.50	307,254,077
1994	2,531,245	99.98	2,530,825	43.50	110,090,888
1993	1,452,157	100.00	1,452,157	42.50	61,716,673
1992	1,147,639	98.54	1,130,903	41.50	46,932,475
1991	345,733	94.19	325,644	40.50	13,188,582
1990	482,905	98.88	477,511	39.50	18,861,685
1989	2,293,397	99.51	2,282,228	38.50	87,865,778
1988	3,098,193	99.30	3,076,381	37.50	115,364,288
1987	339,505	98.70	335,077	36.50	12,230,311
1986	1,157,191	99.34	1,149,575	35.50	40,809,913
1985	804,188	99.53	800,374	34.50	27,612,903
1984	999,995	97.52	975,147	33.50	32,667,425
1983	850,719	98.54	838,262	32.50	27,243,515
1982	3,178,808	98.73	3,138,369	31.50	98,858,624
1981	1,000,596	97.54	975,997	30.50	29,767,909
1980	2,352,075	97.67	2,297,341	29.50	67,771,560
1979	363,396	90.48	328,809	28.50	9,371,057
1978	643,781	95.97	617,844	27.50	16,990,710
1977	1,448,181	96.58	1,398,703	26.51	37,079,617
1976	1,448,772	97.04	1,405,846	25.51	35,863,131
1975	601,770	94.09	566,184	24.52	13,882,832
1974	65,369	94.69	61,899	23.53	1,456,483
1973	84,292	97.80	82,435	22.54	1,858,085
1972	823,015	98.38	809,656	21.57	17,464,280
1971	111,287	97.39	108,383	20.60	2,232,690
1970	934,658	97.60	912,229	19.65	17,925,300
1969	94,130	63.28	59,566	18.71	1,114,480
1968	143,393	93.50	134,074	17.80	2,386,517
1967	103,755	72.80	75,535	16.90	1,276,542
1966	212,406	86.67	184,083	16.02	2,949,010
1965	175,458	93.74	164,481	15.18	2,496,822

# Florida Power & Light Company

## Indicated Survivor Method

### Account 352.0 – STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S4  
Average Service Life..... 47.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	3,079	100.00	3,079	14.36	44,214
1963	111,389	84.59	94,228	13.58	1,279,616
1962	37,040	91.16	33,765	12.83	433,205
1961	79,953	94.69	75,710	12.11	916,848
1960	72,429	64.80	46,937	11.43	536,490
1959	71,080	72.10	51,246	10.78	552,432
1958	149,339	92.04	137,450	10.17	1,397,867
1957	179,384	96.21	172,588	9.59	1,655,119
1956	15,402	88.15	13,577	9.05	122,872
1955	30,267	79.77	24,145	8.53	205,957
1954	16,240	72.48	11,771	8.05	94,757
1953	9,180	84.07	7,718	7.60	58,657
1952	16,869	13.85	2,336	7.17	16,749
1951	5,212	79.16	4,126	6.77	27,933
1950	34,242	80.65	27,617	6.40	176,749
1949	12,997	24.88	3,234	6.05	19,566
1948	96,284	13.23	12,734	5.71	72,711
1947	3,598	83.63	3,009	5.40	16,249
1946	12,369	88.68	10,969	5.11	56,052
1945	4,019	100.00	4,019	4.84	19,452
1944	164	100.00	164	4.58	751
1942	6,277	84.24	5,288	4.10	21,681
1941	152,426	77.06	117,457	3.88	455,733
<b>Balances</b>	37,983,897		37,135,334	35.06	1,301,957,561

**Average Age of Survivors = 12.06 Years**

ACCOUNT 353.0 - STATION EQUIPMENT

This account was analyzed using actuarial techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. A good fit was obtained to an R2.0-36 curve. Although the dispersion pattern of this account remains the same as was proposed and approved in our last study, the indicated average service life appears to show a 4 year decrease - displaying a good fit through age-interval 42.5 and again at 52.5. An average service life in the neighborhood of 35 or 36 years seems to be more reasonable for equipment in this account. The indicated dispersion pattern and life results in a remaining life of 26 years. Although retirements have increased over the 1991 through 1997 period, the gross salvage and other recoveries for this account have not lived up the 20% approved in the last study. For this reason, a more conservative 10% net salvage is being recommended in this study.

# Florida Power & Light Company

## Actuarial Analysis

### Account 353.0 – STATION EQUIPMENT COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 16.68

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	989,000,859	856,011	0.0009	100.00
0.5	913,995,946	588,246	0.0006	99.91
1.5	829,572,908	2,541,531	0.0031	99.85
2.5	778,140,546	2,155,721	0.0028	99.54
3.5	706,704,749	2,246,514	0.0032	99.27
4.5	652,857,464	2,565,765	0.0039	98.95
5.5	597,422,240	6,167,344	0.0103	98.56
6.5	546,406,247	3,449,456	0.0063	97.55
7.5	500,212,187	1,576,132	0.0032	96.93
8.5	475,816,931	2,415,822	0.0051	96.62
9.5	451,175,253	3,373,172	0.0075	96.13
10.5	416,165,951	3,126,382	0.0075	95.41
11.5	398,197,368	1,768,257	0.0044	94.70
12.5	380,668,474	2,806,045	0.0074	94.28
13.5	324,877,035	5,609,535	0.0173	93.58
14.5	303,818,774	5,959,286	0.0196	91.97
15.5	264,280,496	2,444,294	0.0092	90.16
16.5	243,467,333	4,539,406	0.0186	89.33
17.5	186,274,485	2,020,047	0.0108	87.66
18.5	156,324,162	5,299,508	0.0339	86.71
19.5	138,260,607	1,886,395	0.0136	83.77
20.5	125,603,321	1,335,482	0.0106	82.63
21.5	110,718,558	1,997,145	0.0180	81.75
22.5	100,188,768	1,212,974	0.0121	80.28
23.5	94,048,849	1,143,171	0.0122	79.31
24.5	86,398,364	924,449	0.0107	78.34
25.5	74,036,203	952,145	0.0129	77.50
26.5	68,842,080	1,343,581	0.0195	76.51
27.5	61,193,696	622,193	0.0102	75.01
28.5	60,424,682	1,368,982	0.0227	74.25
29.5	52,689,586	1,919,268	0.0364	72.57
30.5	46,250,982	2,113,404	0.0457	69.92
31.5	40,315,160	1,533,249	0.0380	66.73



# Florida Power & Light Company

## Actuarial Analysis

### Account 353.0 – STATION EQUIPMENT COMPANY COMPOSITE

Placement Band: 1941-1997

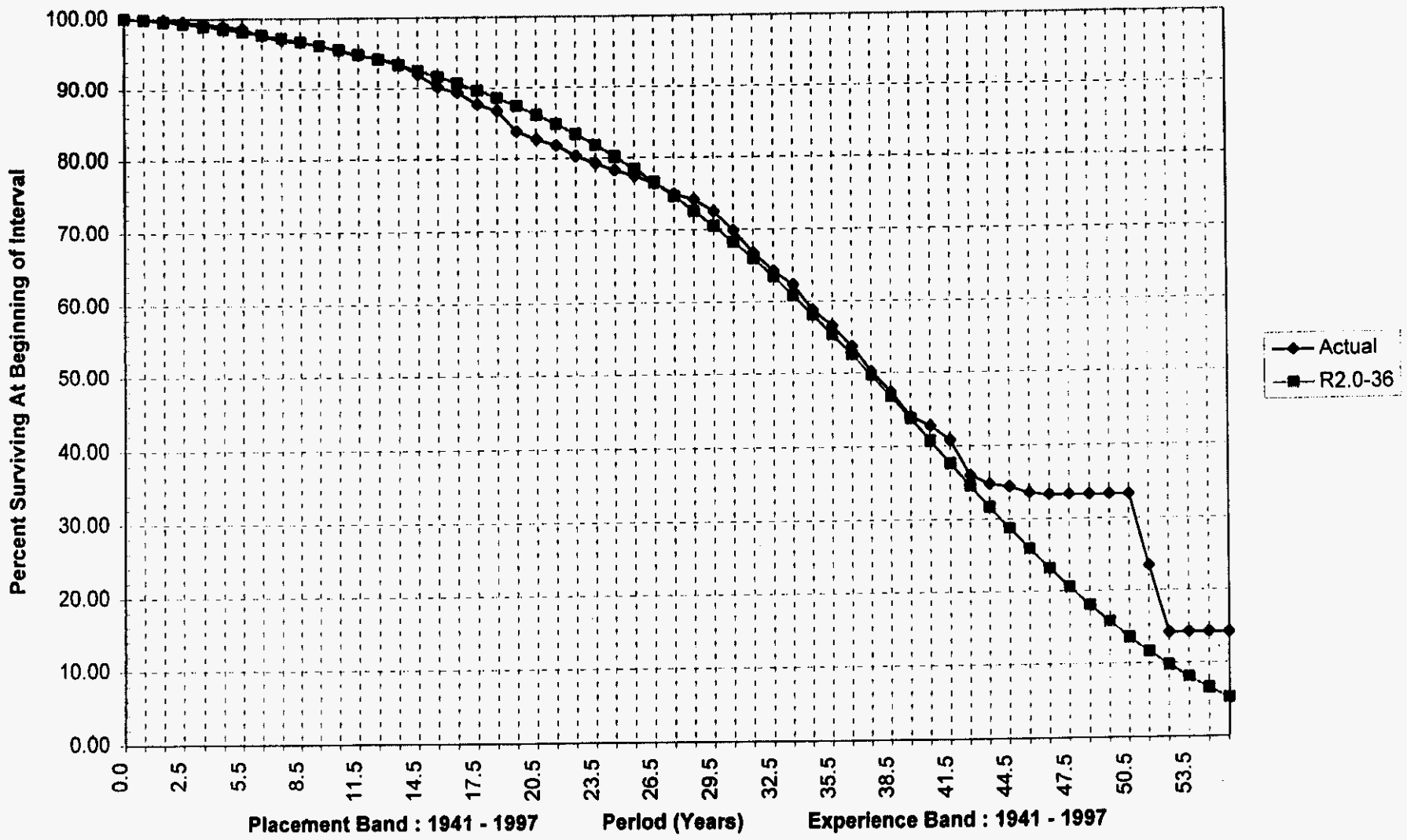
Experience Band: 1941-1997

Average Age of Retirements: 16.68

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	33,292,973	988,370	0.0297	64.19
33.5	29,487,464	1,640,378	0.0556	62.29
34.5	25,338,258	941,498	0.0372	58.82
35.5	19,939,484	1,006,249	0.0505	56.64
36.5	17,881,533	1,205,334	0.0674	53.78
37.5	14,807,982	827,410	0.0559	50.15
38.5	12,897,656	936,398	0.0726	47.35
39.5	7,749,030	220,275	0.0284	43.91
40.5	6,064,527	277,959	0.0458	42.66
41.5	4,240,925	489,684	0.1155	40.71
42.5	2,497,127	84,348	0.0338	36.01
43.5	1,516,864	16,248	0.0107	34.79
44.5	1,334,314	33,353	0.0250	34.42
45.5	1,243,026	9,607	0.0077	33.56
46.5	856,451	-	0.0000	33.30
47.5	819,725	-	0.0000	33.30
48.5	469,586	-	0.0000	33.30
49.5	254,735	-	0.0000	33.30
50.5	228,302	68,000	0.2979	33.30
51.5	160,302	63,378	0.3954	23.38
52.5	96,923	-	0.0000	14.14
53.5	96,746	-	0.0000	14.14
54.5	95,398	-	0.0000	14.14
55.5	51,544	-	0.0000	14.14
56.5				14.14
<b>Total</b>	11,355,771,139	88,669,401		

# Account 353.0 -- STATION EQUIPMENT

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 353.0 -- STATION EQUIPMENT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2

Average Service Life..... 36.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	14,796,760	100.00	14,796,760	35.55	526,024,818
1996	22,340,209	100.00	22,340,209	34.65	774,088,242
1995	30,545,590	99.97	30,537,867	33.76	1,030,958,390
1994	63,358,284	99.74	63,193,027	32.87	2,077,154,797
1993	47,772,563	99.47	47,517,243	31.99	1,520,076,604
1992	49,263,677	99.51	49,024,398	31.12	1,525,639,266
1991	43,996,763	94.37	41,519,251	30.26	1,256,372,535
1990	39,854,638	98.75	39,355,094	29.41	1,157,433,315
1989	19,674,058	98.11	19,301,792	28.57	551,452,197
1988	26,567,822	93.71	24,896,773	27.73	690,387,515
1987	30,750,059	98.50	30,287,444	26.91	815,035,118
1986	10,244,183	89.89	9,208,609	26.09	240,252,609
1985	11,902,715	96.01	11,427,934	25.28	288,898,172
1984	15,390,098	83.98	12,923,911	24.49	316,506,580
1983	15,947,581	84.48	13,472,366	23.70	319,295,074
1982	18,768,322	91.52	17,177,564	22.93	393,881,543
1981	23,355,130	81.51	19,035,696	22.17	422,021,380
1980	57,284,015	90.38	51,773,964	21.42	1,108,998,309
1979	32,992,984	81.78	26,981,397	20.68	557,975,290
1978	14,041,152	91.09	12,789,615	19.95	255,152,819
1977	13,798,307	77.14	10,643,373	19.23	204,672,063
1976	18,017,366	75.52	13,605,865	18.53	252,116,678
1975	9,851,433	83.95	8,270,341	17.84	147,542,883
1974	7,026,620	74.19	5,213,076	17.16	89,456,384
1973	7,777,612	88.56	6,888,215	16.50	113,655,548
1972	12,522,619	82.53	10,335,019	15.85	163,810,051
1971	6,561,343	75.40	4,947,220	15.22	75,296,688
1970	8,919,293	85.12	7,592,409	14.60	110,849,171
1969	1,363,154	70.88	966,207	13.99	13,517,236
1968	8,153,510	79.60	6,490,207	13.40	86,968,774
1967	9,427,945	55.30	5,213,495	12.83	66,889,141
1966	6,311,119	59.92	3,781,371	12.27	46,397,422
1965	9,602,956	57.58	5,529,369	11.73	64,859,498

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 353.0 – STATION EQUIPMENT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2  
Average Service Life..... 36.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	4,044,062	65.79	2,660,474	11.20	29,797,309
1963	3,055,424	64.91	1,983,129	10.70	21,219,480
1962	6,897,471	65.67	4,529,550	10.20	46,201,410
1961	2,807,749	38.02	1,067,449	9.73	10,386,279
1960	2,815,235	58.54	1,648,088	9.27	15,277,776
1959	1,917,003	33.23	636,955	8.83	5,624,313
1958	7,687,418	52.05	4,001,299	8.40	33,610,912
1957	4,308,296	33.97	1,463,321	7.99	11,691,935
1956	3,039,570	51.86	1,576,362	7.59	11,964,588
1955	3,189,427	40.90	1,304,371	7.21	9,404,515
1954	3,195,498	28.32	904,985	6.85	6,199,147
1953	1,696,275	9.84	166,894	6.49	1,083,142
1952	694,621	8.34	57,936	6.15	356,306
1951	937,671	41.17	386,045	5.82	2,246,782
1950	495,141	7.42	36,725	5.50	201,988
1949	451,714	77.51	350,139	5.19	1,817,221
1948	378,794	56.72	214,852	4.88	1,048,478
1947	682,988	3.87	26,433	4.58	121,063
1946	34,375	0.00	0	4.29	0
1945	36,832	0.00	0	4.00	0
1944	9,499	1.86	177	3.70	655
1943	4,070	33.12	1,348	3.41	4,597
1942	447,711	9.80	43,854	3.13	137,263
1941	1,811,685	2.85	51,544	2.84	146,385
<b>Balances</b>	758,818,409		670,149,011	26.07	17,472,177,654

**Average Age of Survivors = 12.11 Years**

ACCOUNT 354.0 - TOWERS & FIXTURES

This account was analyzed using actuarial and simulated plant record methods. Actuarial analysis of this account produced inconclusive results due to the lack of sufficient retirement experience. Similar results were obtained using simulated plant record method analysis of this account. The SPR analysis did not result in very good retirement experience or conformance indices. In light of this, the Company recommends the continued use of the R5.0 curve and 45 year average service life suggested by Staff in the 1991 depreciation study. Use of this curve and life results in an average remaining life of 33 years. No change in the net salvage recommendation is indicated from the negative 15% percent established in the last study.

# Florida Power & Light Company

## Actuarial Analysis

### Account 354.0 -- TOWERS AND FIXTURES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 5.98

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	453,971,855	109,306	0.0002	100.00
0.5	421,656,795	3,025,782	0.0072	99.98
1.5	226,514,058	-	0.0000	99.26
2.5	238,016,902	98,591	0.0004	99.26
3.5	217,910,222	-	0.0000	99.22
4.5	222,195,754	99,525	0.0004	99.22
5.5	221,628,880	59,183	0.0003	99.17
6.5	221,494,488	-	0.0000	99.15
7.5	221,608,225	-	0.0000	99.15
8.5	209,723,471	55,979	0.0003	99.15
9.5	204,428,936	-	0.0000	99.12
10.5	204,215,573	-	0.0000	99.12
11.5	132,257,889	70,070	0.0005	99.12
12.5	123,673,191	-	0.0000	99.07
13.5	78,086,222	631,201	0.0081	99.07
14.5	71,404,415	-	0.0000	98.27
15.5	70,344,857	446,565	0.0063	98.27
16.5	69,979,740	-	0.0000	97.64
17.5	29,129,330	-	0.0000	97.64
18.5	29,115,600	-	0.0000	97.64
19.5	29,115,600	-	0.0000	97.64
20.5	29,029,159	288	0.0000	97.64
21.5	7,362,828	29,450	0.0040	97.64
22.5	7,414,826	-	0.0000	97.25
23.5	2,178,780	-	0.0000	97.25
24.5	2,178,780	-	0.0000	97.25
25.5	2,178,780	-	0.0000	97.25
26.5	2,178,780	11,316	0.0052	97.25
27.5	2,167,464	-	0.0000	96.75
28.5	2,167,464	-	0.0000	96.75
29.5	2,073,377	-	0.0000	96.75
30.5	2,072,828	-	0.0000	96.75
31.5	2,053,609	-	0.0000	96.75

# Florida Power & Light Company

## Actuarial Analysis

### Account 354.0 – TOWERS AND FIXTURES COMPANY COMPOSITE

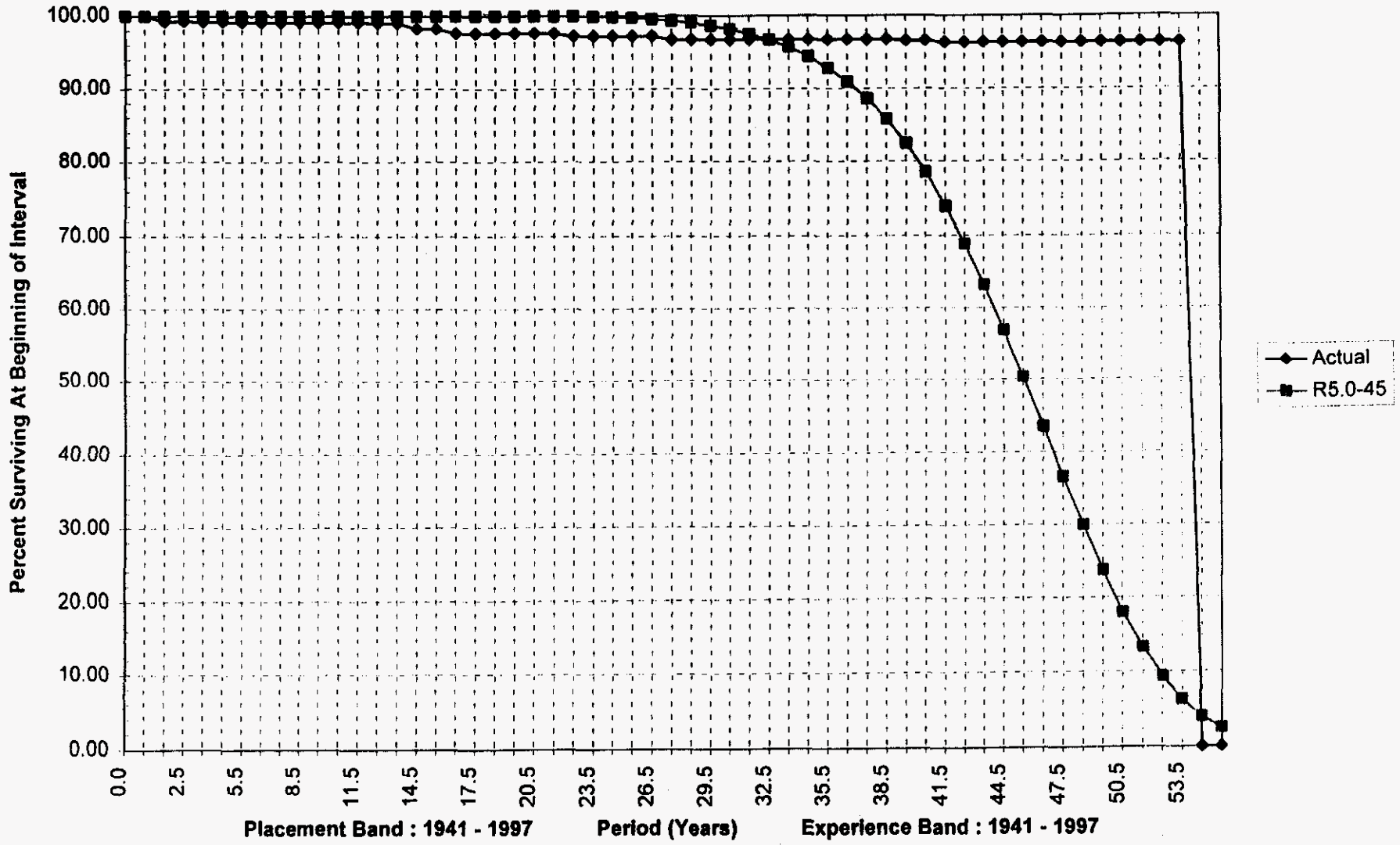
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 5.98

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	2,048,535	-	0.0000	96.75
33.5	2,036,165	-	0.0000	96.75
34.5	1,630,666	-	0.0000	96.75
35.5	1,614,416	-	0.0000	96.75
36.5	1,613,111	-	0.0000	96.75
37.5	110,420	-	0.0000	96.75
38.5	110,419	250	0.0023	96.75
39.5	110,170	-	0.0000	96.53
40.5	110,170	210	0.0019	96.53
41.5	109,960	-	0.0000	96.34
42.5	109,960	-	0.0000	96.34
43.5	109,960	-	0.0000	96.34
44.5	109,960	-	0.0000	96.34
45.5	109,957	-	0.0000	96.34
46.5	109,583	-	0.0000	96.34
47.5	109,571	-	0.0000	96.34
48.5	109,316	-	0.0000	96.34
49.5	109,316	-	0.0000	96.34
50.5	109,316	-	0.0000	96.34
51.5	109,316	-	0.0000	96.34
52.5	109,316	-	0.0000	96.34
53.5	109,316	109,316	1.0000	96.34
54.5	-	-	0.0000	0.00
55.5	-	-	0.0000	0.00
56.5	-	-	-	0.00
<b>Total</b>	<u>3,770,337,597</u>	<u>4,747,032</u>		

Account 354.0 -- TOWERS AND FIXTURES





## Florida Power & Light Company

### Indicated Survivor Method

#### Account 354.0 – TOWERS AND FIXTURES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R5  
Average Service Life..... 45.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	245,953	100.00	245,953	44.50	10,944,909
1996	36,728,318	100.00	36,728,318	43.50	1,597,681,833
1995	512	100.00	512	42.50	21,760
1994	18,832,914	100.00	18,832,914	41.50	781,565,931
1992	3,495	100.00	3,495	39.50	138,053
1991	88,922	100.00	88,922	38.50	3,423,497
1990	15,731	100.00	15,731	37.50	589,913
1989	2,856,531	96.52	2,757,006	36.50	100,630,719
1988	5,281,702	98.88	5,222,519	35.50	185,399,425
1987	5,311,549	100.00	5,311,549	34.50	183,248,441
1984	126,048	0.00	0	31.50	0
1983	335,739	100.00	335,739	30.50	10,240,040
1980	42,020,703	97.20	40,844,345	27.50	1,123,219,488
1979	13,875	100.00	13,875	26.50	367,688
1977	86,729	100.00	86,729	24.50	2,124,861
1976	21,666,043	100.00	21,666,043	23.51	509,368,671
1974	5,265,496	99.44	5,236,047	21.52	112,679,731
1968	105,403	89.26	94,087	15.74	1,480,929
1967	549	100.00	549	14.82	8,136
1966	19,207	100.00	19,207	13.91	267,169
1965	114,380	4.44	5,074	13.03	66,114
1964	3,038,152	0.41	12,370	12.16	150,419
1963	405,499	100.00	405,499	11.32	4,590,249
1962	16,538	98.26	16,250	10.50	170,625
1961	1,306	100.00	1,306	9.71	12,681
1960	1,502,691	100.00	1,502,691	8.95	13,449,084
1956	141	0.00	0	6.29	0
1952	2	100.00	2	4.26	9
1951	483	77.64	375	3.85	1,444
1950	12	100.00	12	3.48	42
1949	254	100.00	254	3.15	800
1941	109,526	0.00	0	1.29	0
<b>Balances</b>	<b>144,194,403</b>		<b>139,447,373</b>	<b>33.29</b>	<b>4,641,842,661</b>

Average Age of Survivors = 11.73 Years

ACCOUNT 355.0 - POLES & FIXTURES

This account was analyzed using actuarial techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. A reasonable fit was obtained to an R2.0-41 curve through age-interval 38.5, which represents 99.4% of the total exposures for this account. Although the dispersion pattern of this account remains the same as was proposed and approved in our last study, the indicated average service life shows a slight (1 year) increase. The indicated dispersion pattern and life results in a remaining life of 29 years. A change in net salvage from the negative 35% currently approved, to negative 45% recommended in this study is primarily due to increasing costs of removal.

# Florida Power & Light Company

## Actuarial Analysis

### Account 355.0 -- POLES AND FIXTURES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 18.86

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	456,289,476	757,966	0.0017	100.00
0.5	419,383,006	360,435	0.0009	99.83
1.5	379,673,785	506,387	0.0013	99.75
2.5	338,428,168	1,070,433	0.0032	99.62
3.5	316,649,222	943,428	0.0030	99.30
4.5	290,867,093	823,533	0.0028	99.00
5.5	277,627,793	992,246	0.0036	98.72
6.5	265,789,700	1,184,688	0.0045	98.37
7.5	252,826,872	1,106,915	0.0044	97.93
8.5	241,536,964	749,184	0.0031	97.50
9.5	227,593,174	871,731	0.0038	97.20
10.5	217,396,184	741,414	0.0034	96.83
11.5	205,973,484	934,634	0.0045	96.50
12.5	194,714,110	991,800	0.0051	96.06
13.5	173,864,701	1,225,836	0.0071	95.57
14.5	161,654,068	1,234,910	0.0076	94.90
15.5	155,372,934	1,321,238	0.0085	94.17
16.5	144,436,375	1,294,121	0.0090	93.37
17.5	129,892,512	1,094,070	0.0084	92.54
18.5	116,943,580	1,005,908	0.0086	91.76
19.5	112,795,899	1,216,487	0.0108	90.97
20.5	93,249,597	931,869	0.0100	89.99
21.5	79,619,654	1,117,520	0.0140	89.09
22.5	76,411,389	847,906	0.0111	87.84
23.5	71,149,697	1,101,862	0.0155	86.86
24.5	64,228,069	987,809	0.0154	85.52
25.5	56,232,543	988,153	0.0176	84.20
26.5	51,488,744	1,000,207	0.0194	82.72
27.5	47,890,548	1,213,476	0.0253	81.11
28.5	46,060,898	1,046,606	0.0227	79.06
29.5	41,903,413	836,204	0.0200	77.26
30.5	35,411,449	648,114	0.0183	75.72
31.5	27,278,790	638,407	0.0234	74.34

# Florida Power & Light Company

## Actuarial Analysis

### Account 355.0 -- POLES AND FIXTURES COMPANY COMPOSITE

Placement Band: 1941-1997

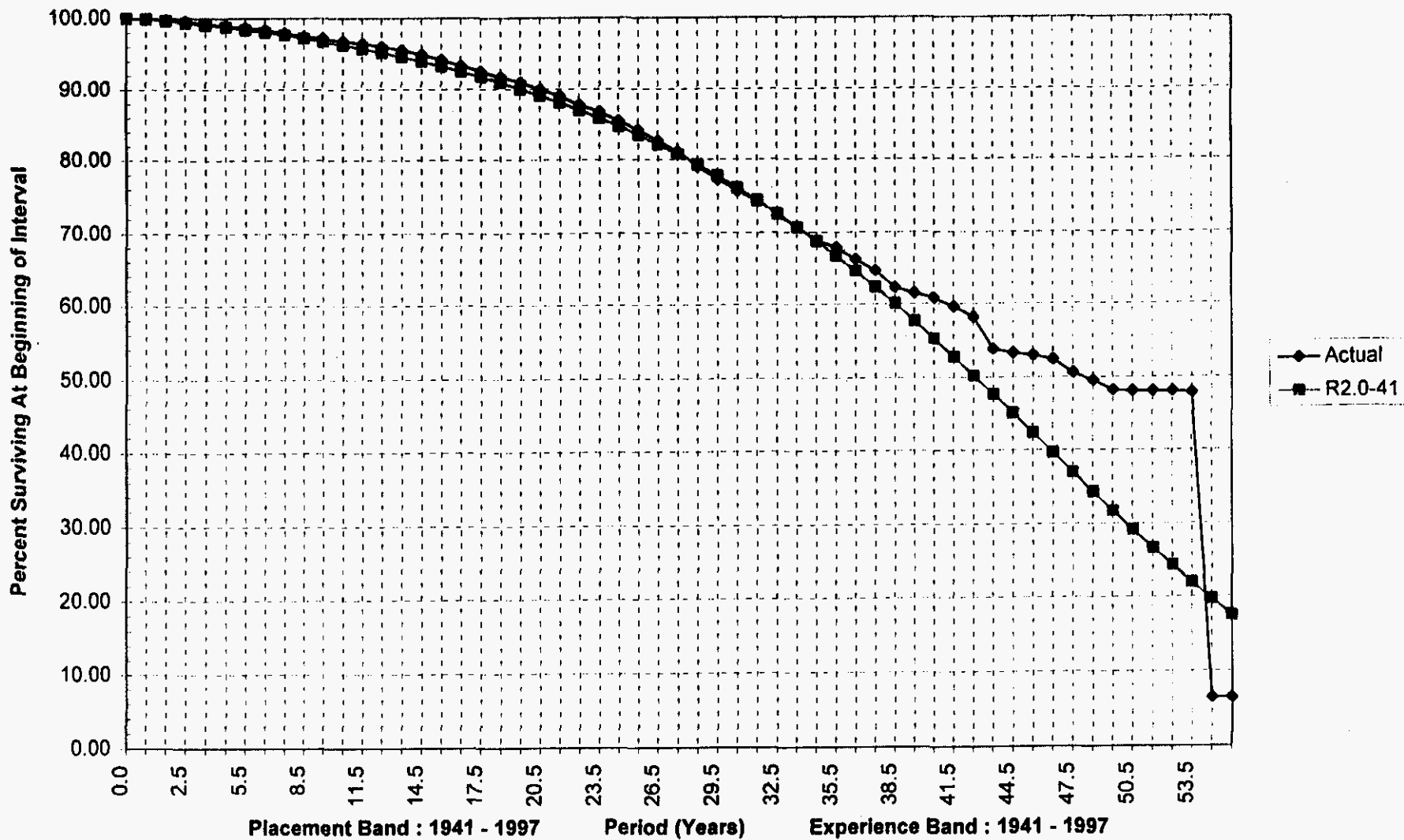
Experience Band: 1941-1997

Average Age of Retirements: 18.86

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	22,948,875	574,735	0.0250	72.60
33.5	21,380,616	592,345	0.0277	70.78
34.5	19,025,736	257,824	0.0136	68.82
35.5	14,516,292	362,849	0.0250	67.88
36.5	13,182,132	313,990	0.0238	66.19
37.5	11,829,428	437,294	0.0370	64.61
38.5	10,301,707	125,998	0.0122	62.22
39.5	7,011,589	77,956	0.0111	61.46
40.5	5,242,064	101,585	0.0194	60.78
41.5	4,611,769	108,108	0.0234	59.60
42.5	4,065,521	307,402	0.0756	58.20
43.5	2,579,324	25,166	0.0098	53.80
44.5	1,856,559	12,090	0.0065	53.28
45.5	1,702,106	17,980	0.0106	52.93
46.5	1,053,702	37,034	0.0351	52.37
47.5	889,352	18,128	0.0204	50.53
48.5	817,753	22,772	0.0278	49.50
49.5	642,963	1,251	0.0019	48.12
50.5	594,737	531	0.0009	48.03
51.5	572,353	-	0.0000	47.99
52.5	541,140	2,377	0.0044	47.99
53.5	492,876	426,501	0.8653	47.77
54.5	61,711	-	0.0000	6.43
55.5	29,406	274	0.0093	6.43
56.5				6.37
<b>Total</b>	<b>5,916,583,602</b>	<b>35,609,687</b>		

# Account 355.0 -- POLES AND FIXTURES

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 355.0 -- POLES AND FIXTURES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2

Average Service Life..... 41.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	8,071,535	100.00	8,071,535	40.55	327,300,744
1996	8,800,992	100.00	8,800,992	39.65	348,959,333
1995	14,095,660	100.04	14,100,720	38.75	546,402,900
1994	19,794,550	99.89	19,773,240	37.86	748,614,866
1993	24,270,735	99.78	24,218,288	36.98	895,592,290
1992	13,080,723	99.47	13,011,775	36.11	469,855,195
1991	13,604,453	97.37	13,246,877	35.24	466,819,945
1990	15,276,890	97.93	14,960,528	34.38	514,342,953
1989	10,304,134	96.97	9,991,512	33.53	335,015,397
1988	14,073,055	95.46	13,434,676	32.68	439,045,212
1987	7,983,899	94.90	7,577,117	31.85	241,331,176
1986	12,064,256	97.52	11,765,592	31.02	364,968,664
1985	11,650,797	94.87	11,053,194	30.20	333,806,459
1984	20,839,807	98.32	20,488,689	29.39	602,162,570
1983	12,532,241	87.41	10,953,930	28.59	313,172,859
1982	5,592,232	94.28	5,272,542	27.79	146,523,942
1981	10,262,114	95.91	9,842,521	27.01	265,846,492
1980	12,388,894	94.03	11,649,831	26.23	305,575,067
1979	11,989,982	96.82	11,608,150	25.47	295,659,581
1978	3,524,663	90.81	3,200,752	24.71	79,090,582
1977	19,028,147	96.92	18,441,434	23.97	442,041,173
1976	13,239,740	97.02	12,845,594	23.23	298,403,149
1975	3,823,041	91.90	3,513,399	22.51	79,086,611
1974	5,137,421	88.49	4,546,354	21.79	99,065,054
1973	6,766,607	87.40	5,914,225	21.09	124,731,005
1972	7,729,765	90.72	7,012,792	20.40	143,060,957
1971	4,492,771	87.23	3,919,148	19.72	77,285,599
1970	3,306,660	77.41	2,559,728	19.05	48,762,818
1969	785,063	87.31	685,446	18.40	12,612,206
1968	3,948,043	80.26	3,168,515	17.76	56,272,826
1967	7,585,747	76.80	5,825,709	17.13	99,794,395
1966	9,192,610	80.74	7,422,421	16.51	122,544,171
1965	5,233,422	72.09	3,772,931	15.91	60,027,332

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 355.0 -- POLES AND FIXTURES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2

Average Service Life..... 41.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	1,713,106	56.52	968,195	15.32	14,832,747
1963	2,750,963	64.82	1,783,146	14.74	26,283,572
1962	6,632,011	62.94	4,174,055	14.18	59,188,100
1961	1,978,934	43.63	863,438	13.63	11,768,660
1960	1,918,912	55.62	1,067,292	13.10	13,981,525
1959	1,806,455	59.94	1,082,772	12.58	13,621,272
1958	4,664,318	69.28	3,231,480	12.08	39,036,278
1957	2,562,913	63.58	1,629,523	11.59	18,886,172
1956	990,553	48.67	482,151	11.11	5,356,698
1955	731,860	58.39	427,316	10.65	4,550,915
1954	2,573,121	42.88	1,103,365	10.20	11,254,323
1953	1,137,144	58.37	663,775	9.77	6,485,082
1952	623,525	21.46	133,795	9.35	1,250,983
1951	1,775,969	34.93	620,383	8.95	5,552,428
1950	321,759	32.71	105,240	8.56	900,854
1949	185,908	24.75	46,011	8.18	376,370
1948	270,289	51.39	138,890	7.81	1,084,731
1947	155,921	24.46	38,142	7.46	284,539
1946	68,422	24.02	16,436	7.11	116,860
1945	35,850	21.00	7,529	6.78	51,047
1944	55,954	37.40	20,926	6.45	134,973
1943	93,081	4.20	3,907	6.14	23,989
1942	90,379	35.69	32,254	5.82	187,718
1941	3,320,998	0.88	29,132	5.52	160,809
<b>Balances</b>	<b>376,928,994</b>		<b>341,319,310</b>	<b>29.12</b>	<b>9,939,144,168</b>

**Average Age of Survivors = 14.45 Years**

ACCOUNT 356.0 - OVERHEAD CONDUCTORS & DEVICES

This account was analyzed using actuarial techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Comparison of the actual percent surviving to an R2.5-37 curve resulted in a reasonably good fit through age interval 30.5. This dispersion pattern and life is consistent with what is currently approved and results in an average remaining life of 26 years. A change in negative net salvage from 20%, which was approved in the last study, to negative 30% is recommended. This change is primarily due to an increase of removal costs.



# Florida Power & Light Company

## Actuarial Analysis

### Account 356.0 -- OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 16.84

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	610,708,961	729,741	0.0012	100.00
0.5	536,715,964	1,591,189	0.0030	99.88
1.5	420,755,407	1,034,520	0.0025	99.58
2.5	392,151,054	404,768	0.0010	99.34
3.5	349,705,108	728,320	0.0021	99.24
4.5	326,777,718	842,931	0.0026	99.03
5.5	318,854,713	1,927,761	0.0060	98.77
6.5	311,415,922	2,547,480	0.0082	98.18
7.5	294,951,878	1,804,223	0.0061	97.37
8.5	281,327,017	572,895	0.0020	96.78
9.5	265,002,408	848,965	0.0032	96.58
10.5	258,860,211	2,189,665	0.0085	96.27
11.5	198,827,685	688,172	0.0035	95.46
12.5	188,139,304	1,007,213	0.0054	95.13
13.5	150,769,869	1,265,083	0.0084	94.62
14.5	144,441,446	828,211	0.0057	93.82
15.5	140,674,638	948,980	0.0067	93.29
16.5	134,890,343	729,958	0.0054	92.66
17.5	111,908,258	764,506	0.0068	92.16
18.5	100,047,094	916,281	0.0092	91.53
19.5	94,995,897	794,289	0.0084	90.69
20.5	82,419,034	744,302	0.0090	89.93
21.5	67,763,912	900,980	0.0133	89.12
22.5	66,004,130	760,677	0.0115	87.93
23.5	60,855,788	931,214	0.0153	86.92
24.5	56,421,927	937,069	0.0166	85.59
25.5	50,588,987	683,929	0.0135	84.17
26.5	48,568,367	1,251,543	0.0258	83.03
27.5	43,695,182	1,185,584	0.0271	80.89
28.5	42,130,297	783,931	0.0186	78.70
29.5	37,837,829	731,332	0.0193	77.23
30.5	31,800,277	690,702	0.0217	75.74
31.5	26,271,005	388,770	0.0148	74.09

# Florida Power & Light Company

## Actuarial Analysis

### Account 356.0 -- OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

Placement Band: 1941-1997

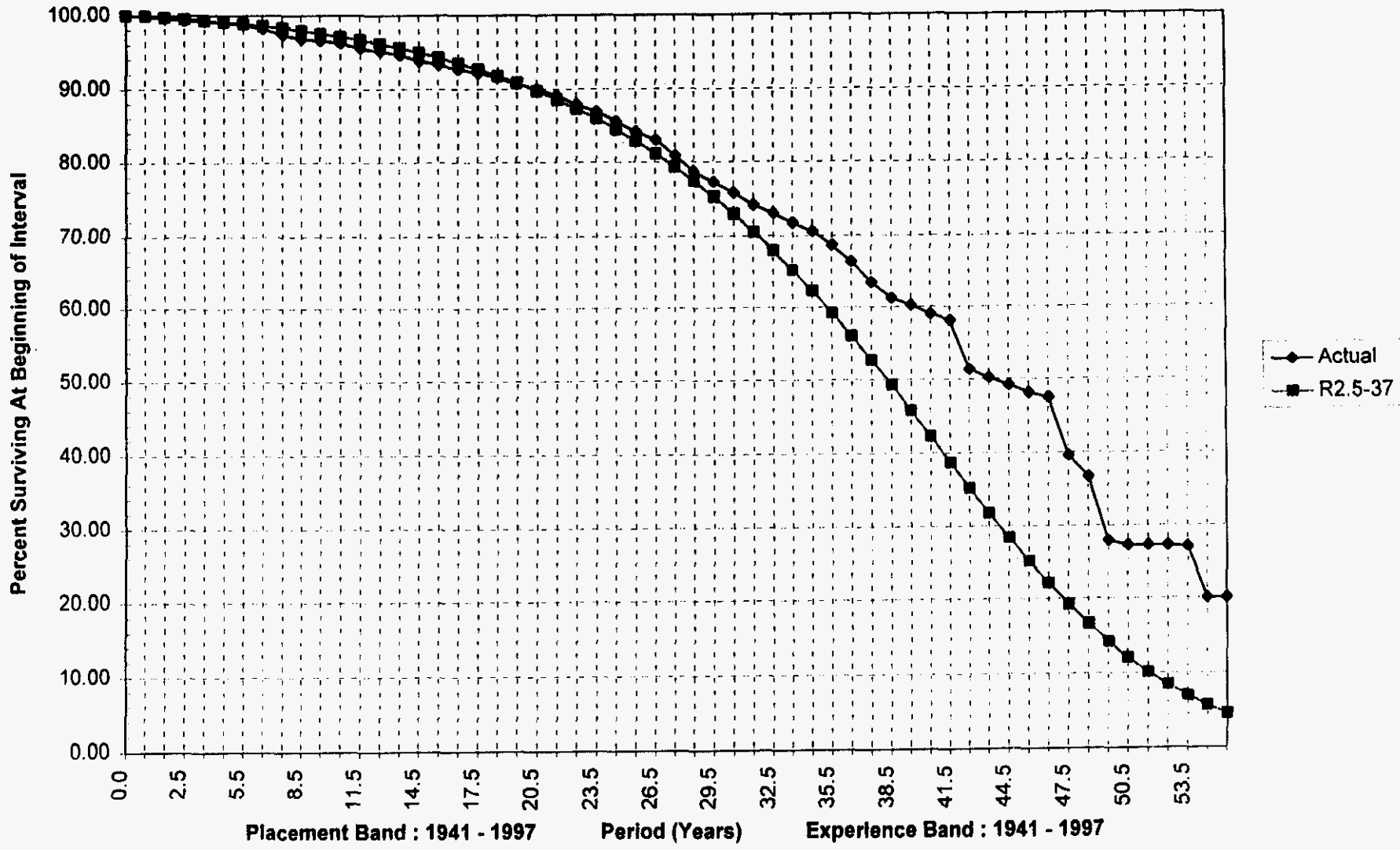
Experience Band: 1941-1997

Average Age of Retirements: 16.84

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	22,572,860	391,637	0.0173	73.00
33.5	20,366,482	330,803	0.0162	71.73
34.5	17,787,024	477,305	0.0268	70.57
35.5	13,027,682	441,437	0.0339	68.67
36.5	11,403,025	511,257	0.0448	66.34
37.5	9,076,518	313,140	0.0345	63.37
38.5	8,025,439	126,769	0.0158	61.18
39.5	5,314,069	109,968	0.0207	60.22
40.5	4,038,000	58,859	0.0146	58.97
41.5	3,621,899	423,274	0.1169	58.11
42.5	2,836,775	65,462	0.0231	51.32
43.5	1,908,812	39,227	0.0206	50.14
44.5	1,213,901	25,682	0.0212	49.11
45.5	890,576	11,354	0.0127	48.07
46.5	597,337	99,478	0.1665	47.45
47.5	502,468	37,294	0.0742	39.55
48.5	441,161	105,826	0.2399	36.62
49.5	262,285	5,667	0.0216	27.83
50.5	239,976	-	0.0000	27.23
51.5	233,811	473	0.0020	27.23
52.5	181,973	1,402	0.0077	27.18
53.5	144,486	37,464	0.2593	26.97
54.5	96,559	-	0.0000	19.97
55.5	38,707	348	0.0090	19.97
56.5				19.79
<b>Total</b>	<b>6,371,099,455</b>	<b>36,769,310</b>		

### Account 356.0 -- OVERHEAD CONDUCTORS AND DEVICES

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 356.0 – OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2.5

Average Service Life..... 37.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	7,653,807	100.00	7,653,807	36.53	279,593,570
1996	34,033,495	100.00	34,032,110	35.59	1,211,202,795
1995	11,139,933	99.25	11,056,883	34.65	383,120,996
1994	36,426,773	99.84	36,370,178	33.72	1,226,402,402
1993	25,937,709	99.78	25,881,827	32.80	848,923,926
1992	9,730,549	95.68	9,309,872	31.88	296,798,719
1991	8,386,426	92.35	7,744,985	30.97	239,862,185
1990	14,204,516	91.47	12,992,449	30.07	390,682,941
1989	9,645,853	95.79	9,240,224	29.17	269,537,334
1988	16,794,760	89.17	14,975,505	28.28	423,507,281
1987	7,533,798	92.21	6,946,625	27.40	190,337,525
1986	12,110,335	83.09	10,062,466	26.54	267,057,848
1985	8,255,800	92.99	7,676,953	25.68	197,144,153
1984	6,171,514	86.60	5,344,459	24.83	132,702,917
1983	5,449,080	74.39	4,053,764	23.99	97,249,798
1982	2,725,741	93.04	2,536,056	23.16	58,735,057
1981	5,016,855	95.73	4,802,722	22.34	107,292,809
1980	23,658,112	95.14	22,507,595	21.54	484,813,596
1979	11,181,449	97.90	10,947,067	20.74	227,042,170
1978	4,258,161	96.38	4,103,897	19.96	81,913,784
1977	12,134,822	95.85	11,630,636	19.19	223,191,905
1976	14,323,339	97.04	13,899,866	18.44	256,313,529
1975	1,098,847	90.25	991,730	17.69	17,543,704
1974	5,202,674	82.50	4,292,187	16.97	72,838,413
1973	4,061,232	86.47	3,511,722	16.25	57,065,483
1972	4,936,246	95.10	4,694,172	15.55	72,994,375
1971	1,496,875	86.63	1,296,762	14.87	19,282,851
1970	4,038,496	84.66	3,419,138	14.20	48,551,760
1969	345,465	86.67	299,424	13.55	4,057,195
1968	4,042,803	85.79	3,468,495	12.92	44,812,955
1967	6,544,168	81.69	5,346,038	12.31	65,809,728
1966	6,610,032	71.95	4,756,064	11.72	55,741,070
1965	4,582,822	74.74	3,425,174	11.15	38,190,690

# Florida Power & Light Company

## Indicated Survivor Method

### Account 356.0 -- OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2.5  
Average Service Life..... 37.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	3,387,548	52.50	1,778,630	10.59	18,835,692
1963	2,858,860	77.83	2,225,083	10.07	22,406,586
1962	6,187,469	68.83	4,258,850	9.56	40,714,606
1961	1,776,196	63.85	1,134,087	9.08	10,297,510
1960	2,533,573	71.06	1,800,396	8.62	15,519,414
1959	1,568,474	46.30	726,152	8.19	5,947,185
1958	4,183,108	61.47	2,571,301	7.77	19,979,009
1957	2,062,470	55.28	1,140,117	7.39	8,425,465
1956	772,787	46.05	355,880	7.02	2,498,278
1955	566,932	56.79	321,934	6.67	2,147,300
1954	2,068,149	36.75	760,073	6.35	4,826,464
1953	967,485	66.64	644,769	6.04	3,894,405
1952	605,492	45.28	274,143	5.75	1,576,322
1951	1,041,372	21.41	222,908	5.47	1,219,307
1950	114,612	13.29	15,231	5.21	79,354
1949	53,105	36.16	19,201	4.95	95,045
1948	111,258	43.80	48,735	4.71	229,542
1947	104,399	12.41	12,951	4.46	57,761
1946	17,170	15.21	2,611	4.23	11,045
1945	8,754	37.80	3,309	4.00	13,236
1944	50,050	23.27	11,646	3.77	43,905
1943	81,645	11.17	9,120	3.55	32,376
1942	125,429	45.70	57,327	3.34	191,472
1941	3,494,155	1.10	38,358	3.12	119,677
<b>Balances</b>	364,472,979		327,703,664	26.09	8,549,476,420

**Average Age of Survivors = 12.76 Years**

ACCOUNT 357.0 - UNDERGROUND CONDUIT

This account was analyzed using actuarial and simulated plant record techniques. Determination of a good dispersion pattern remains difficult due to the relatively few retirements experienced to date (97.2% of the original investment remains in service). The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. The best comparison that could be obtained was consistent with the currently approved curve and average service life, the S3.0-46 curve. This curve is the same as that originally proposed by Staff in the 1991 study and tracks the actual percent survivors reasonably well through age interval 28.5 which represents 95.4% of the total exposures for this account. The 46 year average service life agrees with what the Company proposed in the last two studies and more accurately fits the historical data experienced in this account. The indicated dispersion pattern and life results in a remaining life of 26 years. No change in net salvage from the zero percent currently approved is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 357.0 -- UNDERGROUND CONDUIT COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 29.54

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	51,390,095	-	0.0000	100.00
0.5	44,241,476	-	0.0000	100.00
1.5	42,859,087	-	0.0000	100.00
2.5	33,423,313	-	0.0000	100.00
3.5	27,517,909	-	0.0000	100.00
4.5	26,403,566	-	0.0000	100.00
5.5	25,658,075	-	0.0000	100.00
6.5	25,597,148	1,016	0.0000	100.00
7.5	23,367,089	-	0.0000	100.00
8.5	17,470,158	1,156	0.0001	100.00
9.5	19,421,267	-	0.0000	99.99
10.5	22,313,659	3,580	0.0002	99.99
11.5	24,690,440	-	0.0000	99.97
12.5	24,665,255	-	0.0000	99.97
13.5	21,323,284	45,560	0.0021	99.97
14.5	21,159,354	103,412	0.0049	99.76
15.5	22,880,100	88,833	0.0039	99.27
16.5	20,157,149	900	0.0000	98.89
17.5	19,317,065	12,740	0.0007	98.88
18.5	16,838,188	36,116	0.0021	98.82
19.5	18,344,970	-	0.0000	98.61
20.5	17,551,435	-	0.0000	98.61
21.5	18,178,818	1,197	0.0001	98.61
22.5	17,183,983	67,200	0.0039	98.60
23.5	11,392,538	205	0.0000	98.21
24.5	9,402,120	-	0.0000	98.21
25.5	9,394,999	36,979	0.0039	98.21
26.5	8,443,412	101,270	0.0120	97.82
27.5	6,312,072	-	0.0000	96.65
28.5	6,303,188	-	0.0000	96.65
29.5	4,941,829	14,460	0.0029	96.65
30.5	4,235,087	-	0.0000	96.37
31.5	3,032,620	-	0.0000	96.37

# Florida Power & Light Company

## Actuarial Analysis

### Account 357.0 – UNDERGROUND CONDUIT COMPANY COMPOSITE

Placement Band: 1941-1997

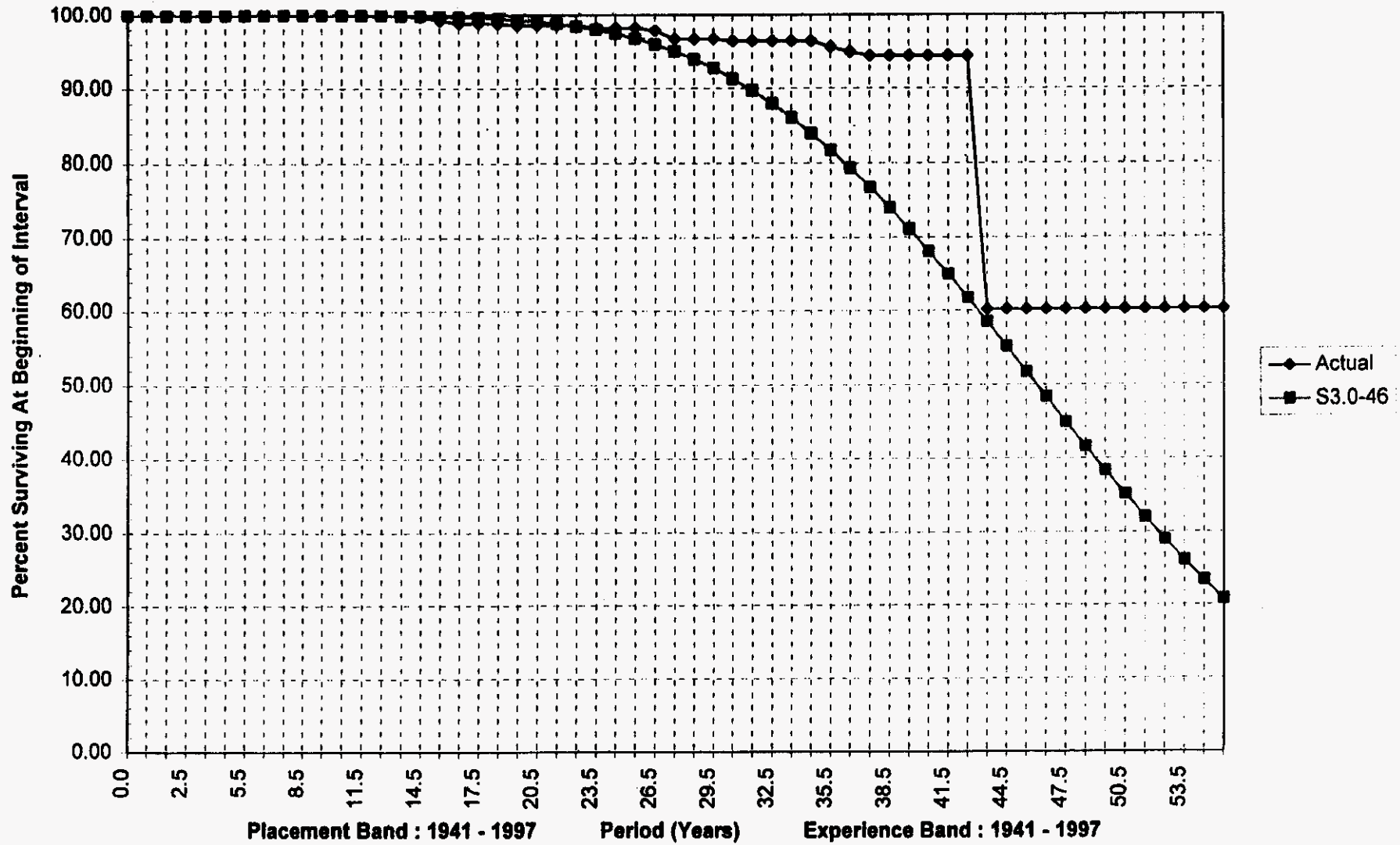
Experience Band: 1941-1997

Average Age of Retirements: 29.54

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	3,002,497	-	0.0000	96.37
33.5	2,534,740	-	0.0000	96.37
34.5	2,534,740	21,500	0.0085	96.37
35.5	2,207,265	15,957	0.0072	95.55
36.5	2,187,393	12,278	0.0056	94.86
37.5	1,690,766	-	0.0000	94.33
38.5	968,308	-	0.0000	94.33
39.5	472,750	-	0.0000	94.33
40.5	472,728	-	0.0000	94.33
41.5	740,264	-	0.0000	94.33
42.5	738,683	267,777	0.3625	94.33
43.5	338,941	-	0.0000	60.13
44.5	338,941	-	0.0000	60.13
45.5	338,925	-	0.0000	60.13
46.5	338,318	-	0.0000	60.13
47.5	336,275	-	0.0000	60.13
48.5	36,971	-	0.0000	60.13
49.5	36,971	-	0.0000	60.13
50.5	36,971	-	0.0000	60.13
51.5	36,971	-	0.0000	60.13
52.5	36,971	-	0.0000	60.13
53.5	36,971	-	0.0000	60.13
54.5	36,971	-	0.0000	60.13
55.5	36,971	36,971	1.0000	60.13
56.5				0.00
<b>Total</b>	684,948,050	869,107		



### Account 357.0 -- UNDERGROUND CONDUIT



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 357.0 -- UNDERGROUND CONDUIT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3

Average Service Life..... 46.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	133,663	100.00	133,663	45.50	6,081,667
1996	755,479	100.00	755,479	44.50	33,618,816
1995	42,596	100.00	42,596	43.50	1,852,926
1994	3,423,612	100.00	3,423,612	42.50	145,503,510
1993	3,654	100.00	3,654	41.50	151,641
1992	575,666	100.00	575,666	40.50	23,314,473
1991	69,460	100.00	69,460	39.50	2,743,670
1990	17,347	100.00	17,347	38.50	667,860
1988	20,327	100.00	20,327	36.50	741,936
1987	145,266	100.00	145,266	35.50	5,156,943
1986	165,836	100.00	165,836	34.51	5,723,000
1985	169,992	100.00	169,992	33.51	5,696,432
1984	1,360,618	100.00	1,360,618	32.52	44,247,297
1983	224,921	100.00	224,921	31.53	7,091,759
1982	3,500	100.00	3,500	30.55	106,925
1981	2,587,696	100.00	2,587,696	29.57	76,518,171
1980	495,755	100.00	495,755	28.60	14,178,593
1978	283,870	100.00	283,870	26.69	7,576,490
1977	830,134	100.00	830,134	25.75	21,375,951
1976	220,005	100.00	220,005	24.83	5,462,724
1975	948,778	99.99	948,668	23.92	22,692,139
1974	5,724,244	100.00	5,724,244	23.04	131,886,582
1973	2,038,943	100.00	2,038,943	22.17	45,203,366
1972	7,121	100.00	7,121	21.32	151,820
1971	914,608	100.00	914,608	20.49	18,740,318
1970	2,030,070	100.00	2,030,070	19.69	39,972,078
1969	8,884	100.00	8,884	18.91	167,996
1968	1,361,360	100.00	1,361,360	18.15	24,708,684
1967	871,528	79.43	692,282	17.42	12,059,552
1966	1,252,907	94.02	1,177,936	16.72	19,695,090
1965	30,123	100.00	30,123	16.04	483,173
1964	467,756	100.00	467,756	15.38	7,194,087
1962	307,128	99.62	305,972	14.15	4,329,504

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 357.0 – UNDERGROUND CONDUIT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3  
Average Service Life..... 46.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1961	999	100.00	999	13.56	13,546
1960	219,569	100.00	219,569	13.01	2,856,593
1959	722,458	100.00	722,458	12.47	9,009,051
1958	575,756	86.07	495,558	11.96	5,926,874
1956	241	100.00	241	10.99	2,649
1955	1,581	100.00	1,581	10.54	16,664
1954	315,111	41.88	131,966	10.10	1,332,857
1953	284,742	0.00	0	9.69	0
1952	16	100.00	16	9.29	149
1951	3,965	15.31	607	8.91	5,408
1950	2,043	100.00	2,043	8.54	17,447
1949	323,920	92.40	299,304	8.19	2,451,300
1941	37,565	0.00	0	5.81	0
<b>Balances</b>	<b>29,980,813</b>		<b>29,111,706</b>	<b>25.99</b>	<b>756,727,711</b>

**Average Age of Survivors = 21.00 Years**

ACCOUNT 358.0 - UNDERGROUND CONDUCTORS & DEVICES

This account was analyzed using actuarial and simulated plant record techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Because the retirement experience in this account has been minimal (over 95.7% of the original investment remains in service), accurate curve selection is difficult. For this reason, the Company recommends retaining the S3.0-35 curve which has been in use since the 1975 depreciation study, until the account experiences more retirements. This dispersion pattern and average service life provides a reasonable fit through age interval 19.5 or 80.5% of the total exposures and results in an average remaining life of 18.0 years. No change in net salvage from the zero percent currently in use is indicated.

# Florida Power & Light Company

## Actuarial Analysis

### Account 358.0 – UNDERGROUND CONDUCTORS AND DEVICES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 26.65

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	47,839,857	8,626	0.0002	100.00
0.5	44,535,480	944	0.0000	99.98
1.5	43,571,763	7,665	0.0002	99.98
2.5	32,711,302	13,037	0.0004	99.96
3.5	31,182,313	8,999	0.0003	99.92
4.5	26,259,286	1,210	0.0000	99.89
5.5	26,691,309	135	0.0000	99.89
6.5	29,855,271	28,441	0.0010	99.89
7.5	28,425,655	9,074	0.0003	99.79
8.5	26,483,509	33,637	0.0013	99.76
9.5	27,207,643	5,932	0.0002	99.63
10.5	30,375,367	11,715	0.0004	99.61
11.5	27,448,554	6,662	0.0002	99.57
12.5	26,512,062	96,700	0.0036	99.55
13.5	22,441,528	10,730	0.0005	99.19
14.5	20,141,002	135,246	0.0067	99.14
15.5	22,478,052	78,523	0.0035	98.47
16.5	22,385,760	67,233	0.0030	98.13
17.5	21,994,657	22,511	0.0010	97.84
18.5	21,955,343	-	0.0000	97.74
19.5	18,842,185	-	0.0000	97.74
20.5	18,739,929	-	0.0000	97.74
21.5	17,989,264	234	0.0000	97.74
22.5	15,112,347	191,705	0.0127	97.73
23.5	11,897,435	3,883	0.0003	96.49
24.5	11,138,946	844	0.0001	96.46
25.5	10,759,331	146,718	0.0136	96.46
26.5	10,491,227	15,719	0.0015	95.14
27.5	7,835,746	6,600	0.0008	95.00
28.5	7,733,446	81,933	0.0106	94.92
29.5	5,731,114	7,072	0.0012	93.91
30.5	5,118,951	-	0.0000	93.80
31.5	3,829,323	-	0.0000	93.80

# Florida Power & Light Company

## Actuarial Analysis

### Account 358.0 – UNDERGROUND CONDUCTORS AND DEVICES COMPANY COMPOSITE

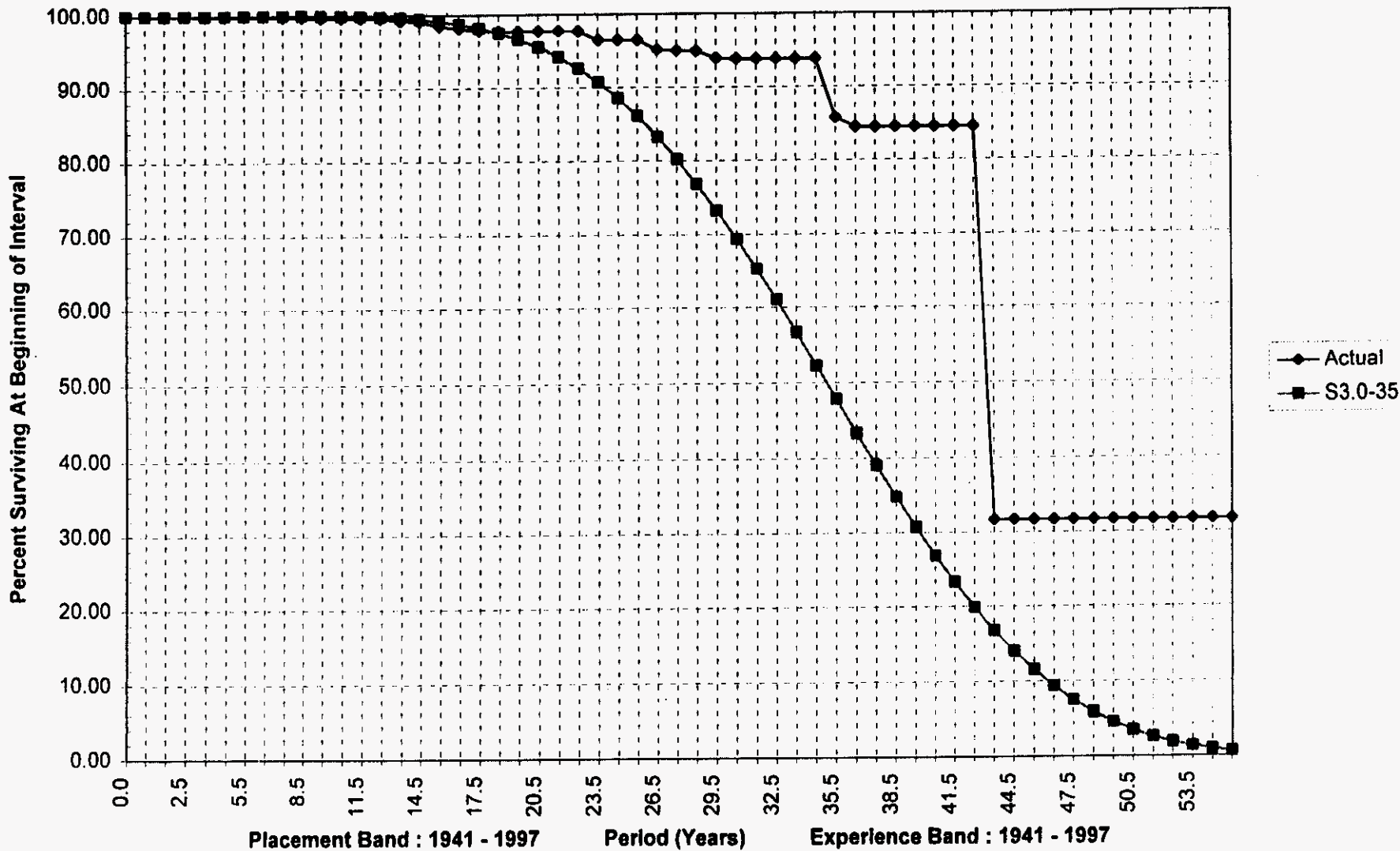
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 26.65

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	3,633,266	-	0.0000	93.80
33.5	2,845,185	-	0.0000	93.80
34.5	2,844,488	245,185	0.0862	93.80
35.5	2,240,398	34,822	0.0155	85.71
36.5	2,198,148	-	0.0000	84.38
37.5	1,684,021	-	0.0000	84.38
38.5	874,738	-	0.0000	84.38
39.5	262,438	-	0.0000	84.38
40.5	257,452	-	0.0000	84.38
41.5	516,101	-	0.0000	84.38
42.5	515,384	322,081	0.6249	84.38
43.5	119,116	-	0.0000	31.65
44.5	97,184	-	0.0000	31.65
45.5	96,856	-	0.0000	31.65
46.5	80,946	-	0.0000	31.65
47.5	78,456	-	0.0000	31.65
48.5	67,427	-	0.0000	31.65
49.5	67,427	-	0.0000	31.65
50.5	67,427	-	0.0000	31.65
51.5	63,160	-	0.0000	31.65
52.5	63,160	-	0.0000	31.65
53.5	63,160	-	0.0000	31.65
54.5	61,566	-	0.0000	31.65
55.5	61,566	11,510	0.1870	31.65
56.5				25.73
<b>Total</b>	<u>744,574,027</u>	<u>1,615,326</u>		

Account 358.0 -- UNDERGROUND CONDUCTORS AND DEVICES



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 358.0 -- UNDERGROUND CONDUCTORS AND DEVICES COMPANY COMPOSITE

Parameters used for Account :

Survivor Curve..... Iowa Type S3

Average Service Life..... 35.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	2,493,426	100.00	2,493,426	34.50	86,023,197
1996	730,331	100.00	730,331	33.50	24,466,089
1995	645,833	100.00	645,833	32.50	20,989,573
1994	1,435,784	100.00	1,435,784	31.50	45,227,196
1993	1,775,490	100.00	1,775,490	30.50	54,152,445
1992	128,108	100.00	128,108	29.50	3,779,186
1991	184	100.00	184	28.50	5,244
1990	165	100.00	165	27.50	4,538
1989	6,886	100.00	6,886	26.50	182,479
1988	22,533	100.00	22,533	25.51	574,817
1987	1,592	100.00	1,592	24.52	39,036
1986	2,608,182	100.00	2,608,182	23.53	61,370,522
1985	883,861	99.70	881,186	22.55	19,870,744
1984	1,853,486	99.89	1,851,361	21.58	39,952,370
1983	2,220,456	100.00	2,220,456	20.63	45,808,007
1982	23,195	100.00	23,195	19.69	456,710
1981	147,670	81.89	120,925	18.76	2,268,553
1980	460,540	89.20	410,801	17.86	7,336,906
1979	25,193	100.00	25,193	16.99	428,029
1978	3,097,904	100.00	3,097,904	16.14	50,000,171
1977	102,255	100.00	102,255	15.32	1,566,547
1976	766,769	100.00	766,769	14.53	11,141,154
1975	2,876,682	100.00	2,876,682	13.77	39,611,911
1974	3,000,676	98.19	2,946,488	13.05	38,451,668
1973	754,606	100.00	754,606	12.36	9,326,930
1972	378,771	100.00	378,771	11.70	4,431,621
1971	113,292	99.25	112,447	11.07	1,244,788
1970	2,639,762	100.00	2,639,762	10.48	27,664,706
1969	67,419	100.00	67,419	9.92	668,796
1968	2,141,020	89.34	1,912,692	9.38	17,941,051
1967	611,478	98.92	604,878	8.88	5,371,317
1966	1,410,122	91.45	1,289,532	8.40	10,832,069
1965	196,058	100.00	196,058	7.95	1,558,661



# Florida Power & Light Company

## Indicated Survivor Method

### Account 358.0 -- UNDERGROUND CONDUCTORS AND DEVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3  
Average Service Life..... 35.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	788,080	100.00	788,080	7.52	5,926,362
1962	359,852	91.71	330,033	6.73	2,221,122
1961	3,103	100.00	3,103	6.37	19,766
1960	232,581	100.00	232,581	6.03	1,402,463
1959	872,206	92.79	809,283	5.70	4,612,913
1958	789,867	77.49	612,042	5.39	3,298,906
1957	4,985	100.00	4,985	5.10	25,424
1956	63,432	100.00	63,432	4.82	305,742
1955	716	100.00	716	4.55	3,258
1954	223,535	33.19	74,188	4.30	319,008
1953	392,853	5.58	21,931	4.06	89,040
1952	328	100.00	328	3.82	1,253
1951	69,428	22.92	15,910	3.60	57,276
1950	5,138	48.46	2,490	3.39	8,441
1949	247,032	4.46	11,029	3.18	35,072
1948	9,034	0.00	0	2.99	0
1946	4,267	100.00	4,267	2.62	11,180
1943	3,608	44.18	1,594	2.11	3,363
1942	942	0.00	0	1.95	0
1941	78,552	63.72	50,056	1.80	90,101
<b>Balances</b>	<b>37,769,268</b>		<b>36,153,942</b>	<b>18.01</b>	<b>651,177,721</b>

**Average Age of Survivors = 18.82 Years**

ACCOUNT 359.0 - ROADS & TRAILS

This account was analyzed using actuarial and simulated plant record techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Like many of the transmission accounts, only minimal retirement activity has taken place (99.3% of the original placements are in still in service). For this reason, the Company recommends retaining the currently approved dispersion pattern and average service life, SQ-65, until more activity has occurred. This dispersion pattern and life results in a remaining life of 55 years. No change in net salvage from the zero percent approved in the last study is indicated.

# Florida Power & Light Company

## Actuarial Analysis

### Account 359.0 -- ROADS AND TRAILS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 16.57

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	106,520,815	474	0.0000	100.00
0.5	76,906,691	7,294	0.0001	100.00
1.5	51,448,694	2,640	0.0001	99.99
2.5	51,556,357	6,782	0.0001	99.98
3.5	46,476,784	25,265	0.0005	99.97
4.5	42,331,924	3,817	0.0001	99.92
5.5	42,127,044	13,717	0.0003	99.91
6.5	41,974,722	20,469	0.0005	99.88
7.5	40,952,237	13,841	0.0003	99.83
8.5	40,292,570	23,702	0.0006	99.79
9.5	38,040,082	4,910	0.0001	99.73
10.5	37,498,229	6,237	0.0002	99.72
11.5	35,728,797	28,524	0.0008	99.71
12.5	32,926,633	21,804	0.0007	99.63
13.5	24,867,059	33,936	0.0014	99.56
14.5	19,915,341	6,794	0.0003	99.42
15.5	17,516,983	12,627	0.0007	99.39
16.5	16,537,101	7,390	0.0004	99.32
17.5	9,029,162	38,459	0.0043	99.27
18.5	8,113,651	28,245	0.0035	98.85
19.5	7,907,012	6,330	0.0008	98.51
20.5	6,239,504	13,313	0.0021	98.43
21.5	3,002,411	14,647	0.0049	98.22
22.5	2,988,198	5,608	0.0019	97.74
23.5	2,901,554	15,531	0.0054	97.56
24.5	2,431,685	8,101	0.0033	97.03
25.5	2,160,731	8,322	0.0039	96.71
26.5	1,995,980	605	0.0003	96.34
27.5	1,819,710	844	0.0005	96.31
28.5	1,816,958	29,116	0.0160	96.26
29.5	1,812,868	10,361	0.0057	94.72
30.5	1,581,584	647	0.0004	94.18
31.5	1,134,722	6,460	0.0057	94.14

# Florida Power & Light Company

## Actuarial Analysis

### Account 359.0 – ROADS AND TRAILS COMPANY COMPOSITE

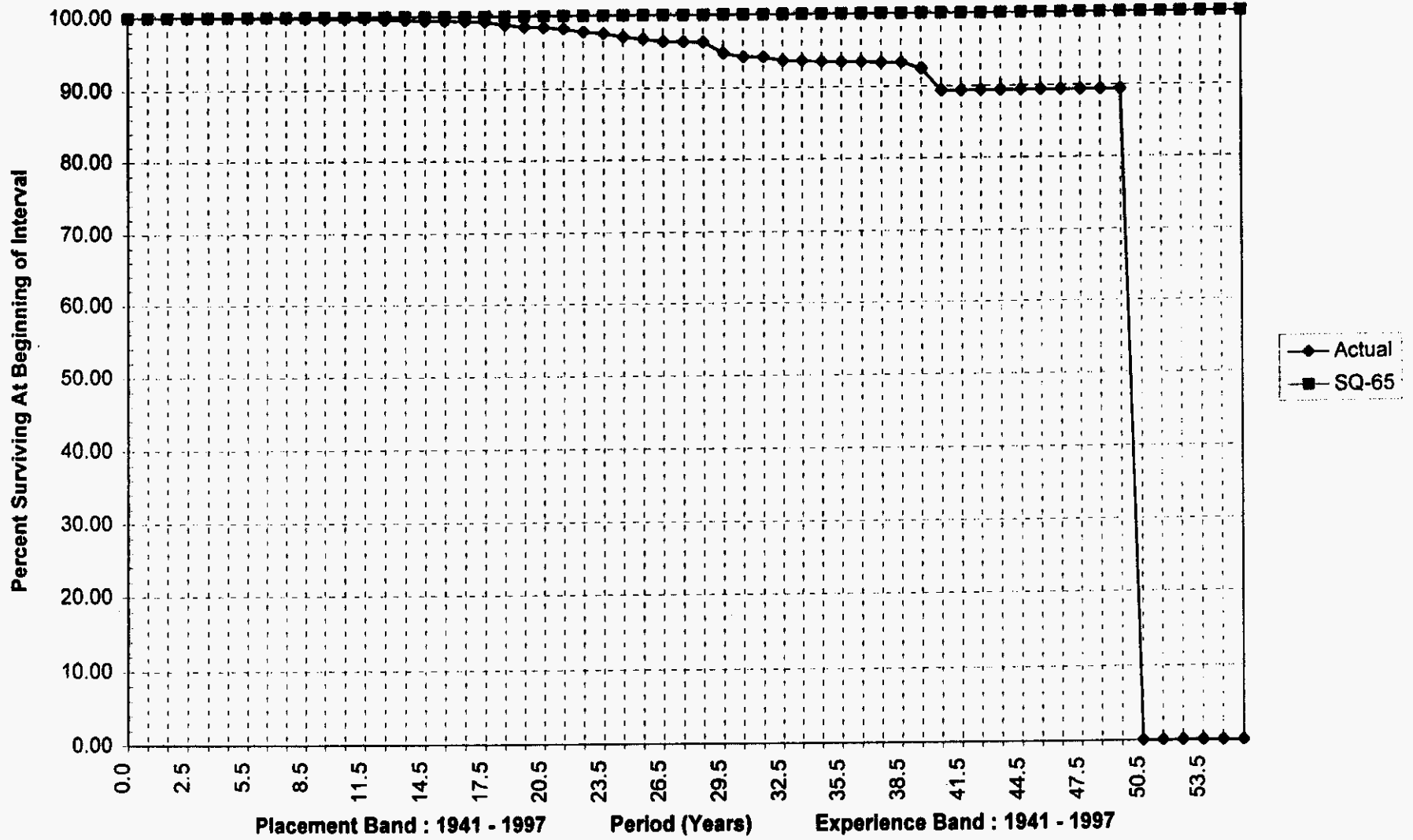
Placement Band: 1941-1997      Experience Band: 1941-1997

Average Age of Retirements: 16.57

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	1,033,481	346	0.0003	93.61
33.5	1,013,411	1,471	0.0015	93.57
34.5	962,541	625	0.0006	93.44
35.5	905,572	97	0.0001	93.38
36.5	874,360	1,278	0.0015	93.37
37.5	663,780	-	0.0000	93.23
38.5	559,250	5,016	0.0090	93.23
39.5	302,480	9,834	0.0325	92.39
40.5	74,086	-	0.0000	89.39
41.5	57,344	-	0.0000	89.39
42.5	45,218	-	0.0000	89.39
43.5	18,993	-	0.0000	89.39
44.5	1,120	-	0.0000	89.39
45.5	376	-	0.0000	89.39
46.5	194	-	0.0000	89.39
47.5	-	-	0.0000	89.39
48.5	-	-	0.0000	89.39
49.5	272	272	1.0000	89.39
50.5	-	-	0.0000	0.00
51.5 - 56.5	-	-	0.0000	0.00
<b>Total</b>	825,066,271	445,751		

# Account 359.0 -- ROADS AND TRAILS

ΣΣ



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 359.0 – ROADS AND TRAILS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type SQ  
Average Service Life..... 65.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	8,686,487	100.00	8,686,487	64.27	558,280,519
1996	11,333,700	100.00	11,333,700	63.27	717,083,199
1995	79,823	100.00	79,823	62.27	4,970,578
1994	5,294,201	100.00	5,294,201	61.27	324,375,695
1993	3,262,973	100.00	3,262,973	60.27	196,659,383
1992	158,103	93.11	147,214	59.27	8,725,374
1991	636,844	100.00	636,844	58.27	37,108,900
1990	1,002,343	100.00	1,002,343	57.27	57,404,184
1989	651,926	99.02	645,513	56.27	36,323,017
1988	2,239,700	99.52	2,228,896	55.27	123,191,082
1987	549,888	96.82	532,380	54.27	28,892,263
1986	1,407,937	100.00	1,407,937	53.27	75,000,804
1985	1,684,061	98.72	1,662,512	52.27	86,899,502
1984	3,349,255	99.51	3,332,724	51.27	170,868,759
1983	4,935,875	99.63	4,917,781	50.27	247,216,851
1982	2,423,591	99.79	2,418,457	49.27	119,157,376
1981	975,087	99.20	967,260	48.27	46,689,640
1980	7,522,867	99.71	7,500,736	47.27	354,559,791
1979	895,404	98.36	880,687	46.27	40,749,387
1978	179,817	97.32	174,994	45.27	7,921,978
1977	1,680,167	97.65	1,640,759	44.27	72,636,401
1976	3,269,458	99.23	3,244,199	43.27	140,376,491
1975	7,131	82.29	5,868	42.27	248,040
1974	99,337	87.97	87,387	41.27	3,606,461
1973	457,659	99.27	454,339	40.27	18,296,232
1972	262,649	99.55	261,455	39.27	10,267,338
1971	149,485	99.59	148,876	38.27	5,697,485
1970	204,293	89.96	183,773	37.27	6,849,220
1969	601	72.88	438	36.27	15,886
1968	38,166	97.80	37,325	35.27	1,316,453
1967	225,794	97.84	220,922	34.27	7,570,997
1966	483,049	92.47	446,667	33.27	14,860,611
1965	101,802	93.27	94,955	32.27	3,064,198

# Florida Power & Light Company

## Indicated Survivor Method

### Account 359.0 -- ROADS AND TRAILS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type SQ  
Average Service Life..... 65.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	28,722	68.67	19,724	31.27	616,769
1963	56,918	86.79	49,399	30.27	1,495,308
1962	87,840	64.14	56,344	29.27	1,649,189
1961	32,726	95.08	31,115	28.27	879,621
1960	214,636	99.43	213,410	27.27	5,819,691
1959	105,432	99.14	104,530	26.27	2,746,003
1958	296,991	84.77	251,754	25.27	6,361,824
1957	245,277	89.11	218,561	24.27	5,304,475
1956	18,197	92.00	16,742	23.27	389,586
1955	13,179	92.01	12,126	22.27	270,046
1954	36,399	72.05	26,225	21.27	557,806
1953	17,873	100.00	17,873	20.27	362,286
1952	743	100.00	743	19.27	14,318
1951	196	92.86	182	18.27	3,325
1950	219	88.58	194	17.27	3,350
1941	272	0.00	0	8.27	0
<b>Balances</b>	<b>65,405,093</b>		<b>64,959,347</b>	<b>54.70</b>	<b>3,553,357,692</b>

**Average Age of Survivors = 10.07 Years**







# **Distribution Plant Depreciation Study**

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## DISTRIBUTION PLANT - DESCRIPTION

Florida Power & Light Company's (the Company) Distribution system supplies service in all or part of 35 counties in the State of Florida, including most of the territory along the east and lower west coasts of Florida. The Company's service territory, which covers approximately 27,650 square miles with a population of approximately 7 million, is served by over 350 distribution substations. The Distribution system is also comprised of approximately 58,282 miles of various voltages of overhead and underground conductor less than 69 kv. As of December, 1996 FPL supplied power to approximately 3.6 million customers. Over the past 10 years, the Company's total investment in Distribution facilities has increased over 180

The 180% change in Distribution plant investment directly affects the data analysis of the accompanying Distribution Plant section of the depreciation study. The large influx of new, higher cost, dollars in the distribution plant accounts that has occurred over the past 10 years, far outweighs the number of retirements posted during the same period. These relatively high additions and minor retirements have an impact on both the lives and dispersion patterns affecting this and previous studies, in some cases resulting in an insufficient retirement ratio to ascertain retirement patterns.

### Treatment of Clause-related Items

As in previous studies, all clause related costs such as the investment and reserve associated with the Load Management System (LMS) and Oil-Backout have been excluded from the calculation of the depreciation rates. LMS equipment, since it has its own unique life established by the FPSC, has been removed from the life and salvage analysis. In the case of equipment subject to the Oil-Backout clause, the life of the related equipment is relevant to the overall determination of the life of the assets within the account.

### Treatment of Hurricane Retirements

The retirements associated with Hurricane Andrew were not considered to be a normal occurrence in the preparation of the depreciation studies. The possibility of a major hurricane, hitting the service area of Florida Power & Light Company is

completely unpredictable. Since no discernable pattern can be determined for these occurrences, their influence on the life analysis process for the affected accounts were eliminated.

ACCOUNT 361.0 - STRUCTURES & IMPROVEMENTS

This account was analyzed using actuarial techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves indicated a reasonable fit to an L3.0-45 curve through age-interval 33.5, or 99.1% of the total exposures for the account. This curve and average service life was proposed and approved by Staff in the 1991 depreciation rate represcription and is consistent with the curve type approved in the 1981, 1987, 1991, and 1994 studies. Although the average service life appears to be increasing since the earlier studies, the life should remain as approved, until more retirement experience is gained. The dispersion pattern and life results in a remaining life of 35 years. Salvage analysis indicates that no appreciable change has occurred since the last depreciation study. Therefore, retention of the currently approved negative 5% net salvage rate is recommended

# Florida Power & Light Company

## Actuarial Analysis

### Account 361.0 – STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 15.74

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	76,054,966	194,805	0.0026	100.00
0.5	65,322,136	9,185	0.0001	99.74
1.5	57,882,747	33,821	0.0006	99.73
2.5	53,831,098	24,151	0.0004	99.67
3.5	50,937,359	121,900	0.0024	99.63
4.5	43,973,563	44,925	0.0010	99.39
5.5	36,984,965	34,116	0.0009	99.29
6.5	33,074,726	14,511	0.0004	99.20
7.5	29,781,951	28,519	0.0010	99.15
8.5	28,354,042	63,206	0.0022	99.06
9.5	26,045,818	31,745	0.0012	98.84
10.5	23,633,031	16,386	0.0007	98.72
11.5	22,464,120	61,849	0.0028	98.65
12.5	20,463,096	30,404	0.0015	98.38
13.5	18,833,852	16,003	0.0008	98.23
14.5	17,411,327	37,301	0.0021	98.15
15.5	15,419,674	22,632	0.0015	97.94
16.5	13,745,522	49,975	0.0036	97.79
17.5	12,523,203	12,889	0.0010	97.44
18.5	12,171,146	10,501	0.0009	97.34
19.5	11,026,586	71,892	0.0065	97.25
20.5	10,534,840	92,619	0.0088	96.62
21.5	8,317,759	46,086	0.0055	95.77
22.5	7,247,887	68,507	0.0095	95.24
23.5	6,669,080	20,912	0.0031	94.34
24.5	6,361,930	22,182	0.0035	94.04
25.5	5,150,972	30,547	0.0059	93.71
26.5	4,548,519	19,790	0.0044	93.16
27.5	3,403,228	38,654	0.0114	92.75
28.5	3,250,665	36,524	0.0112	91.70
29.5	2,282,761	10,851	0.0048	90.67
30.5	1,936,505	1,462	0.0008	90.24
31.5	1,584,076	12,113	0.0076	90.17

# Florida Power & Light Company

## Actuarial Analysis

### Account 361.0 -- STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

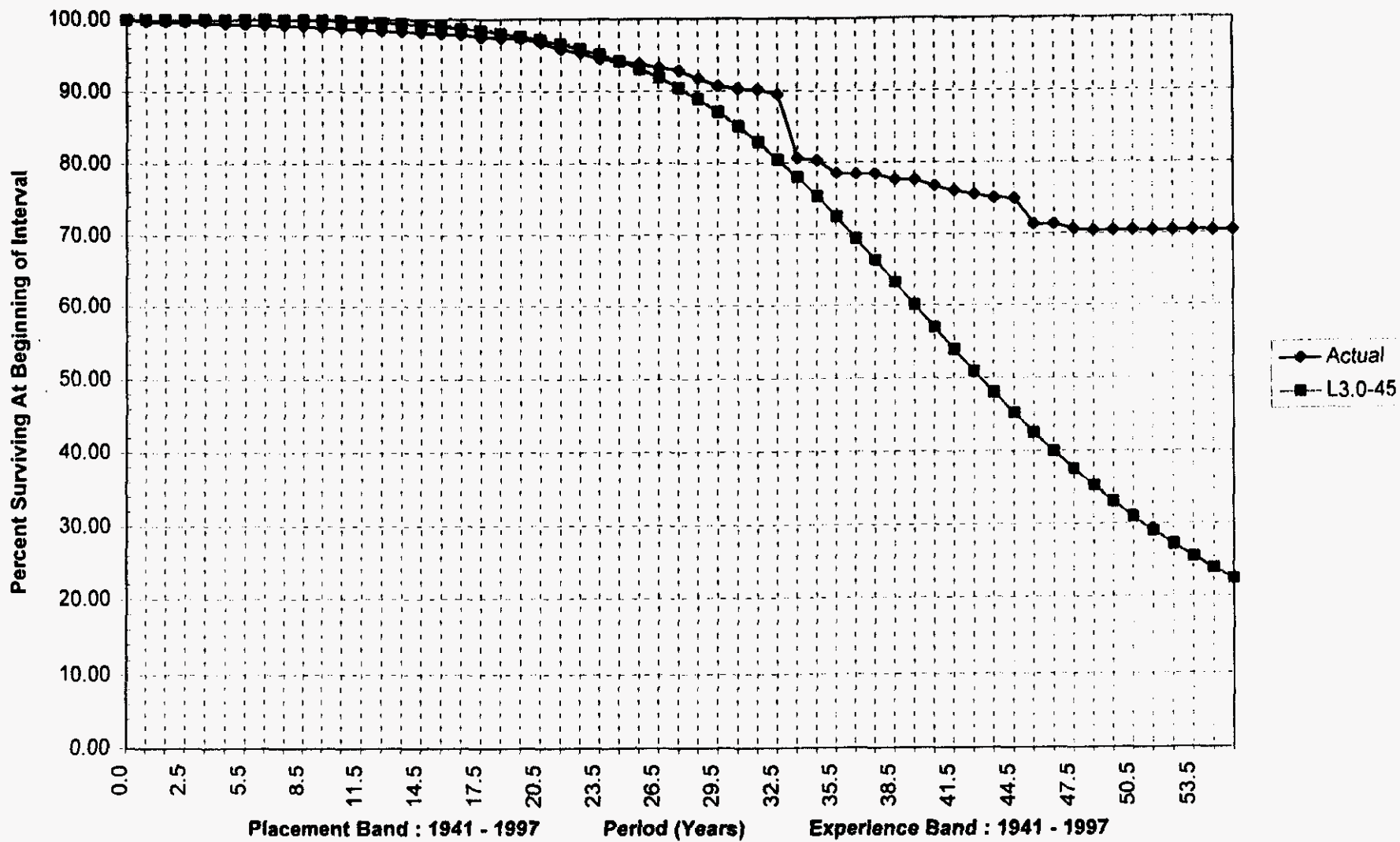
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 15.74

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	1,358,695	134,116	0.0987	89.48
33.5	1,078,234	4,882	0.0045	80.65
34.5	980,561	22,309	0.0228	80.28
35.5	897,211	1,249	0.0014	78.46
36.5	700,525	-	0.0000	78.35
37.5	607,764	6,176	0.0102	78.35
38.5	532,132	155	0.0003	77.55
39.5	417,446	5,040	0.0121	77.53
40.5	369,972	2,923	0.0079	76.59
41.5	268,630	1,859	0.0069	75.99
42.5	233,813	1,684	0.0072	75.46
43.5	233,503	254	0.0011	74.92
44.5	217,739	10,419	0.0479	74.84
45.5	200,389	-	0.0000	71.26
46.5	183,969	1,800	0.0098	71.26
47.5	111,697	247	0.0022	70.56
48.5	102,850	-	0.0000	70.40
49.5	101,733	-	0.0000	70.40
50.5	67,469	-	0.0000	70.40
51.5	65,502	-	0.0000	70.40
52.5	65,486	-	0.0000	70.40
53.5	64,921	-	0.0000	70.40
54.5	64,876	-	0.0000	70.40
55.5	62,167	-	0.0000	70.40
56.5				70.40
<b>Total</b>	740,210,434	1,524,076		

## Account 361.0 -- STRUCTURES AND IMPROVEMENTS





# Florida Power & Light Company

## Indicated Survivor Method

### Account 361.0 -- STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L3

Average Service Life..... 45.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	1,704,656	100.00	1,704,656	44.50	75,857,192
1996	4,255,406	100.00	4,255,406	43.50	185,110,161
1995	3,296,030	100.00	3,295,981	42.50	140,079,193
1994	5,358,095	100.00	5,358,095	41.50	222,360,943
1993	7,190,817	100.00	7,190,817	40.50	291,228,089
1992	6,828,762	99.96	6,826,313	39.50	269,639,364
1991	3,865,965	99.57	3,849,470	38.50	148,204,595
1990	3,409,767	96.07	3,275,757	37.51	122,873,645
1989	1,523,263	99.98	1,523,030	36.52	55,621,056
1988	2,282,894	98.22	2,242,159	35.54	79,686,331
1987	2,216,408	99.44	2,203,942	34.56	76,168,236
1986	1,301,493	99.07	1,289,365	33.60	43,322,664
1985	1,994,168	97.94	1,953,050	32.64	63,747,552
1984	1,664,384	99.05	1,648,556	31.69	52,242,740
1983	1,401,617	99.73	1,397,822	30.75	42,983,027
1982	1,932,119	98.64	1,905,920	29.82	56,834,534
1981	1,855,694	98.65	1,830,687	28.90	52,906,854
1980	933,765	98.63	920,939	28.00	25,786,292
1979	528,074	97.62	515,488	27.10	13,969,725
1978	342,469	96.87	331,736	26.22	8,698,118
1977	1,362,934	98.87	1,347,576	25.36	34,174,527
1976	2,486,694	96.69	2,404,446	24.51	58,932,971
1975	1,148,232	99.11	1,138,020	23.68	26,948,314
1974	527,466	96.02	506,468	22.87	11,582,923
1973	321,048	95.47	306,494	22.08	6,767,388
1972	1,228,830	96.88	1,190,442	21.33	25,392,128
1971	755,037	66.62	503,039	20.60	10,362,603
1970	1,316,628	90.38	1,190,007	19.91	23,693,039
1969	148,926	97.30	144,899	19.25	2,789,306
1968	981,827	95.15	934,213	18.64	17,413,730
1967	350,499	90.58	317,493	18.06	5,733,924
1966	383,619	84.22	323,103	17.52	5,660,765
1965	312,656	83.10	259,803	17.03	4,424,445

# Florida Power & Light Company

## Indicated Survivor Method

### Account 361.0 – STRUCTURES AND IMPROVEMENTS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L3

Average Service Life..... 45.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	157,146	90.32	141,937	16.57	2,351,896
1963	199,697	65.41	130,614	16.15	2,109,416
1962	91,421	79.07	72,285	15.77	1,139,934
1961	199,426	94.66	188,781	15.43	2,912,891
1960	114,053	80.14	91,407	15.12	1,382,074
1959	95,602	71.65	68,503	14.84	1,016,585
1958	163,438	81.52	133,235	14.59	1,943,899
1957	55,969	70.08	39,224	14.36	563,257
1956	111,619	79.64	88,896	14.15	1,257,878
1955	26,227	88.47	23,204	13.95	323,696
1954	13,290	63.07	8,382	13.77	115,420
1953	15,844	67.07	10,627	13.60	144,527
1952	17,715	39.13	6,931	13.43	93,083
1951	9,950	49.03	4,878	13.27	64,731
1950	149,514	47.13	70,471	13.10	923,170
1949	14,882	57.79	8,601	12.93	111,211
1948	23,817	4.69	1,117	12.75	14,242
1947	1,463	6.02	88	12.57	1,106
1946	2,343	83.95	1,967	12.37	24,332
1945	59	25.42	15	12.17	183
1944	1,526	37.09	566	11.96	6,769
1943	435	10.34	45	11.74	528
1942	7,593	35.68	2,709	11.51	31,181
1941	82,652	75.22	62,167	11.27	700,622
<b>Balances</b>	66,765,923		65,241,842	34.92	2,278,429,005

**Average Age of Survivors = 10.59 Years**

ACCOUNT 362.0 - STATION EQUIPMENT

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves indicated a good fit to an R2.0-38 curve through age-interval 45.5. The actuarial analysis indicated a slight increase in the average service life from 35 to 36 years. This gradual increase is consistent with the past several studies. The dispersion curve and average service life results in a 28 year remaining life.

Of particular note, in October, 1997, \$37.4 million of plant and \$9.8 million of related reserve was transferred out of this account to Account 368.0. The investment and reserve transfer was associated with distribution regulators. The database and summary schedules used in this depreciation study were adjusted to reflect this transfer. The overall influence that this transfer may have on the life and dispersion characteristics of the accounts may not be apparent for many years to come, but will most likely be negligible.

Examination of salvage records shows an increase in removal costs over that found in 1991 and prior studies. This results in a change in the recommended net salvage percentage from negative 5 percent to negative 10 percent.

# Florida Power & Light Company

## Actuarial Analysis

### Account 362.0 – STATION EQUIPMENT COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 15.71

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	974,986,284	3,122,610	0.0032	100.00
0.5	879,615,644	1,902,763	0.0022	99.68
1.5	809,730,631	3,126,905	0.0039	99.46
2.5	772,089,416	3,076,300	0.0040	99.08
3.5	726,727,271	2,873,507	0.0040	98.69
4.5	667,786,451	3,484,957	0.0052	98.30
5.5	603,075,969	2,827,186	0.0047	97.78
6.5	527,271,954	3,262,340	0.0062	97.32
7.5	452,623,023	3,342,037	0.0074	96.72
8.5	403,764,414	3,032,446	0.0075	96.01
9.5	375,707,955	3,529,747	0.0094	95.29
10.5	348,576,990	3,799,880	0.0109	94.39
11.5	323,142,724	2,601,056	0.0080	93.36
12.5	307,509,618	2,465,739	0.0080	92.61
13.5	287,078,445	2,166,190	0.0075	91.87
14.5	264,450,648	2,271,556	0.0086	91.17
15.5	238,435,289	2,464,517	0.0103	90.39
16.5	212,948,062	2,300,559	0.0108	89.46
17.5	192,927,118	2,561,014	0.0133	88.49
18.5	181,833,208	1,961,918	0.0108	87.32
19.5	177,247,018	2,092,208	0.0118	86.37
20.5	172,808,771	2,152,204	0.0125	85.35
21.5	158,669,505	1,934,598	0.0122	84.29
22.5	136,551,738	2,062,911	0.0151	83.26
23.5	122,760,898	2,007,029	0.0163	82.01
24.5	113,135,301	2,006,799	0.0177	80.67
25.5	95,185,346	2,427,104	0.0255	79.23
26.5	84,585,968	2,163,044	0.0256	77.21
27.5	64,422,068	1,514,086	0.0235	75.24
28.5	58,758,510	1,271,659	0.0216	73.47
29.5	44,322,774	1,357,098	0.0306	71.88
30.5	36,361,139	1,036,200	0.0285	69.68
31.5	31,113,586	1,050,796	0.0338	67.69

# Florida Power & Light Company

## Actuarial Analysis

### Account 362.0 – STATION EQUIPMENT COMPANY COMPOSITE

Placement Band: 1941-1997

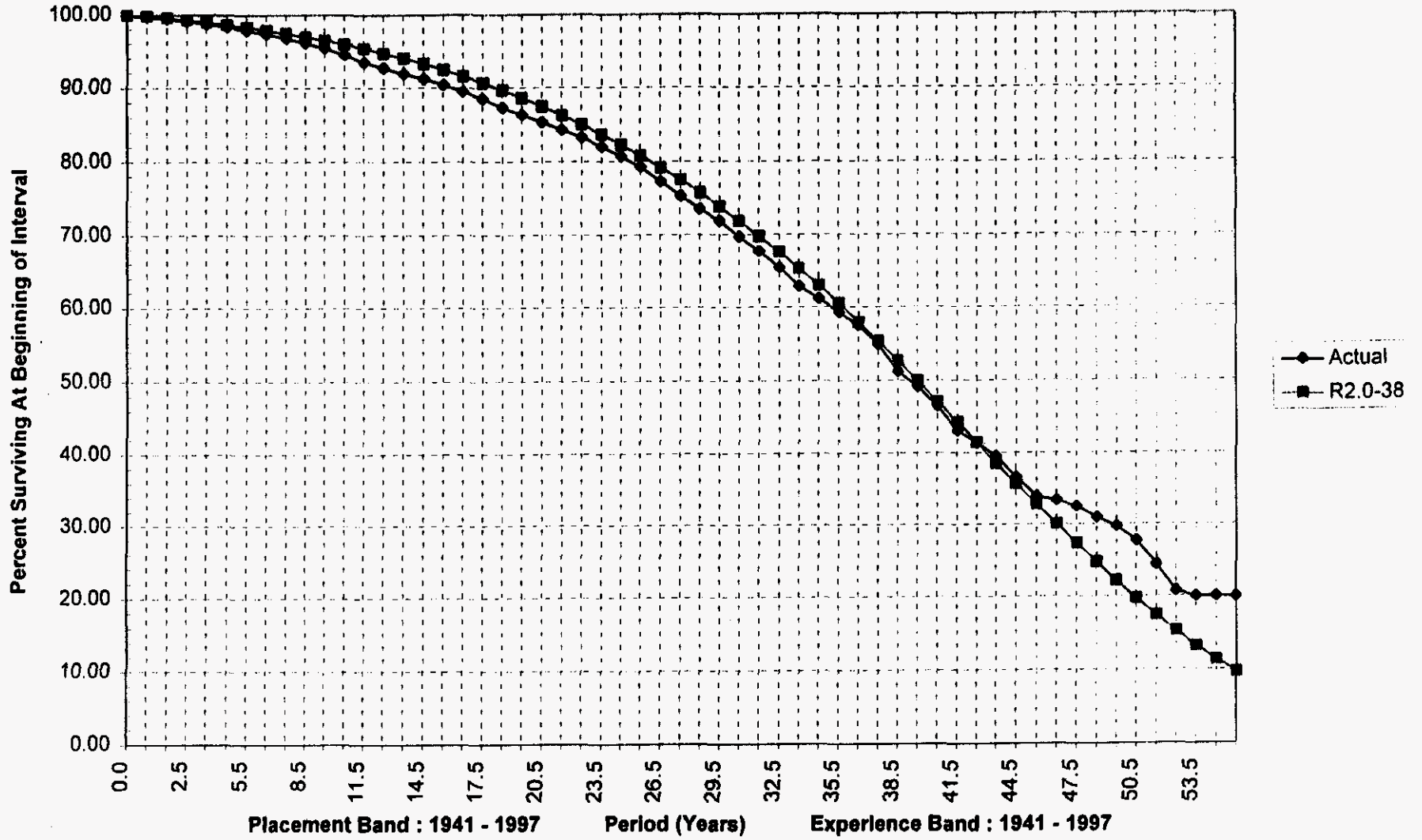
Experience Band: 1941-1997

Average Age of Retirements: 15.71

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	26,138,494	1,034,957	0.0396	65.41
33.5	22,541,464	605,806	0.0269	62.82
34.5	19,897,914	605,974	0.0305	61.13
35.5	17,991,060	528,489	0.0294	59.27
36.5	16,226,701	755,926	0.0466	57.53
37.5	13,941,175	941,395	0.0675	54.85
38.5	11,520,818	463,117	0.0402	51.14
39.5	8,466,536	454,872	0.0537	49.09
40.5	6,697,207	496,202	0.0741	46.45
41.5	5,143,652	200,762	0.0390	43.01
42.5	4,349,278	189,453	0.0436	41.33
43.5	3,386,589	251,468	0.0743	39.53
44.5	2,633,230	195,483	0.0742	36.59
45.5	2,144,881	36,154	0.0169	33.88
46.5	1,599,050	40,157	0.0251	33.31
47.5	1,006,692	49,098	0.0488	32.47
48.5	730,368	29,313	0.0401	30.89
49.5	456,868	31,807	0.0696	29.65
50.5	352,145	42,693	0.1212	27.58
51.5	294,349	44,104	0.1498	24.24
52.5	244,480	8,267	0.0338	20.61
53.5	232,400	36	0.0002	19.91
54.5	227,758	513	0.0023	19.91
55.5	191,719	-	0.0000	19.86
56.5				19.86
<b>Total</b>	<b>11,012,618,564</b>	<b>86,255,009</b>		

# Account 362.0 -- STATION EQUIPMENT

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# Florida Power & Light Company

## Indicated Survivor Method

### Account 362.0 – STATION EQUIPMENT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2  
Average Service Life..... 38.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	18,051,422	99.10	17,888,658	37.55	671,719,108
1996	27,872,697	99.90	27,845,111	36.65	1,020,523,318
1995	18,538,883	99.91	18,522,937	35.76	662,380,227
1994	33,020,230	97.97	32,349,102	34.87	1,128,013,187
1993	47,674,703	98.63	47,023,474	34.00	1,598,798,116
1992	55,328,027	99.66	55,140,202	33.12	1,826,243,490
1991	67,199,093	99.31	66,732,643	32.26	2,152,795,063
1990	67,177,736	98.03	65,854,666	31.40	2,067,836,512
1989	42,140,326	97.02	40,886,463	30.56	1,249,490,309
1988	23,913,975	96.99	23,193,710	29.72	689,317,061
1987	20,217,214	95.80	19,367,738	28.89	559,533,951
1986	22,313,755	94.23	21,025,916	28.07	590,197,462
1985	12,676,507	91.51	11,600,830	27.25	316,122,618
1984	17,406,918	95.34	16,595,751	26.45	438,957,614
1983	20,181,251	92.91	18,751,346	25.66	481,159,538
1982	22,677,621	90.34	20,486,307	24.88	509,699,318
1981	22,768,367	90.38	20,577,676	24.10	495,921,992
1980	16,983,430	84.26	14,310,344	23.34	334,003,429
1979	9,869,157	88.34	8,718,658	22.59	196,954,484
1978	5,421,598	84.92	4,604,050	21.85	100,598,493
1977	3,808,474	76.31	2,906,106	21.12	61,376,959
1976	13,499,753	89.59	12,095,070	20.41	246,860,379
1975	21,739,946	88.30	19,196,035	19.70	378,161,890
1974	12,020,231	81.91	9,845,488	19.01	187,162,727
1973	7,992,934	81.79	6,537,520	18.33	119,832,742
1972	17,861,562	83.85	14,977,045	17.66	264,494,615
1971	8,829,292	84.90	7,495,756	17.01	127,502,810
1970	21,566,311	80.36	17,331,727	16.37	283,720,371
1969	6,277,938	65.67	4,122,688	15.74	64,891,109
1968	17,660,529	76.65	13,537,221	15.13	204,818,154
1967	10,389,470	66.20	6,877,916	14.53	99,936,119
1966	6,905,313	50.56	3,491,095	13.95	48,700,775
1965	6,313,500	60.40	3,813,558	13.38	51,025,406

# Florida Power & Light Company

## Indicated Survivor Method

### Account 362.0 – STATION EQUIPMENT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2  
Average Service Life..... 38.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	4,615,161	51.92	2,396,137	12.82	30,718,476
1963	3,517,294	58.93	2,072,775	12.29	25,474,405
1962	2,553,993	59.86	1,528,905	11.76	17,979,923
1961	2,062,660	55.60	1,146,866	11.26	12,913,711
1960	3,820,769	48.46	1,851,623	10.77	19,941,980
1959	3,978,065	41.77	1,661,538	10.29	17,097,226
1958	5,117,311	51.78	2,649,522	9.83	26,044,801
1957	3,231,023	39.13	1,264,413	9.39	11,872,838
1956	2,752,299	33.64	925,739	8.96	8,294,621
1955	2,415,983	23.94	578,267	8.55	4,944,183
1954	1,946,824	39.23	763,791	8.15	6,224,897
1953	1,889,059	23.96	452,555	7.77	3,516,352
1952	953,308	28.81	274,664	7.40	2,032,514
1951	1,796,719	25.60	460,013	7.04	3,238,492
1950	1,743,467	21.70	378,303	6.70	2,534,630
1949	2,570,819	8.56	220,030	6.36	1,399,391
1948	1,544,877	16.11	248,921	6.04	1,503,483
1947	553,064	14.29	79,011	5.73	452,733
1946	468,019	7.69	36,009	5.42	195,169
1945	127,562	8.47	10,799	5.12	55,291
1944	105,381	3.62	3,813	4.83	18,417
1943	91,093	0.02	20	4.54	91
1942	399,015	8.90	35,526	4.26	151,341
1941	4,636,846	4.13	191,719	3.98	763,042
<b>Balances</b>	779,188,774		692,933,766	28.03	19,426,117,353

**Average Age of Survivors = 12.08 Years**



ACCOUNT 364.0 - POLES, TOWERS AND FIXTURES

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a reasonable fit to an R1.5-30 curve, except in the mid-range of age-intervals, from 23.5 to 43.5.

Analysis of this account at Florida Power & Light has always indicated a relatively long average service life - lives in the high 30's to 40-plus year range. Although concrete and CCA-treated wood poles are being added on a daily basis, the Company believes that the life indications in prior studies may have been too long. Other Florida utilities have, or anticipate that they will have, average service lives in the high 20's to low 30-year range. In addition, there does not seem to be any historical justification for choosing a curve with a fairly high infant mortality rate, such as the low modal L curves. The dispersion curve chosen strikes a balance between the mathematical modeling of the account history and expectations for the future. The dispersion curve and average service life being recommended is in the range of other electric utilities and results in a 21 year remaining life. A change in net salvage from negative 30% approved in the 1994 study to negative 35% is also indicated.

## Florida Power & Light Company

### Actuarial Analysis

#### Account 364.0 – POLES, TOWERS, AND FIXTURES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 18.52

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	604,320,310	785,223	0.0013	100.00
0.5	556,414,122	2,124,848	0.0038	99.87
1.5	532,730,349	3,120,878	0.0059	99.49
2.5	508,273,903	3,691,872	0.0073	98.91
3.5	481,258,493	4,004,687	0.0083	98.19
4.5	449,895,138	3,915,928	0.0087	97.37
5.5	422,868,722	3,776,382	0.0089	96.52
6.5	395,461,824	3,897,152	0.0099	95.66
7.5	363,451,015	3,742,140	0.0103	94.72
8.5	334,426,635	3,587,679	0.0107	93.74
9.5	307,924,414	3,674,554	0.0119	92.74
10.5	284,060,410	3,408,303	0.0120	91.63
11.5	260,053,741	3,402,649	0.0131	90.53
12.5	236,491,532	3,490,589	0.0148	89.35
13.5	213,366,574	3,251,320	0.0152	88.03
14.5	194,512,658	2,976,576	0.0153	86.69
15.5	176,944,396	2,785,331	0.0157	85.36
16.5	160,061,795	2,507,554	0.0157	84.02
17.5	140,644,726	2,320,737	0.0165	82.70
18.5	130,182,003	2,231,607	0.0171	81.34
19.5	121,132,090	2,118,348	0.0175	79.94
20.5	112,524,785	1,973,234	0.0175	78.54
21.5	103,784,870	1,848,750	0.0178	77.17
22.5	93,925,306	1,748,433	0.0186	75.79
23.5	84,991,924	1,576,542	0.0185	74.38
24.5	75,350,182	1,444,648	0.0192	73.00
25.5	66,748,027	1,293,526	0.0194	71.60
26.5	60,486,786	1,248,699	0.0206	70.21
27.5	52,552,735	1,219,838	0.0232	68.76
28.5	48,004,252	1,228,989	0.0256	67.17
29.5	43,426,305	1,149,964	0.0265	65.45
30.5	39,560,341	1,113,412	0.0281	63.72
31.5	36,289,841	1,078,110	0.0297	61.92

## Florida Power & Light Company

### Actuarial Analysis

#### Account 364.0 – POLES, TOWERS, AND FIXTURES COMPANY COMPOSITE

Placement Band: 1941-1997

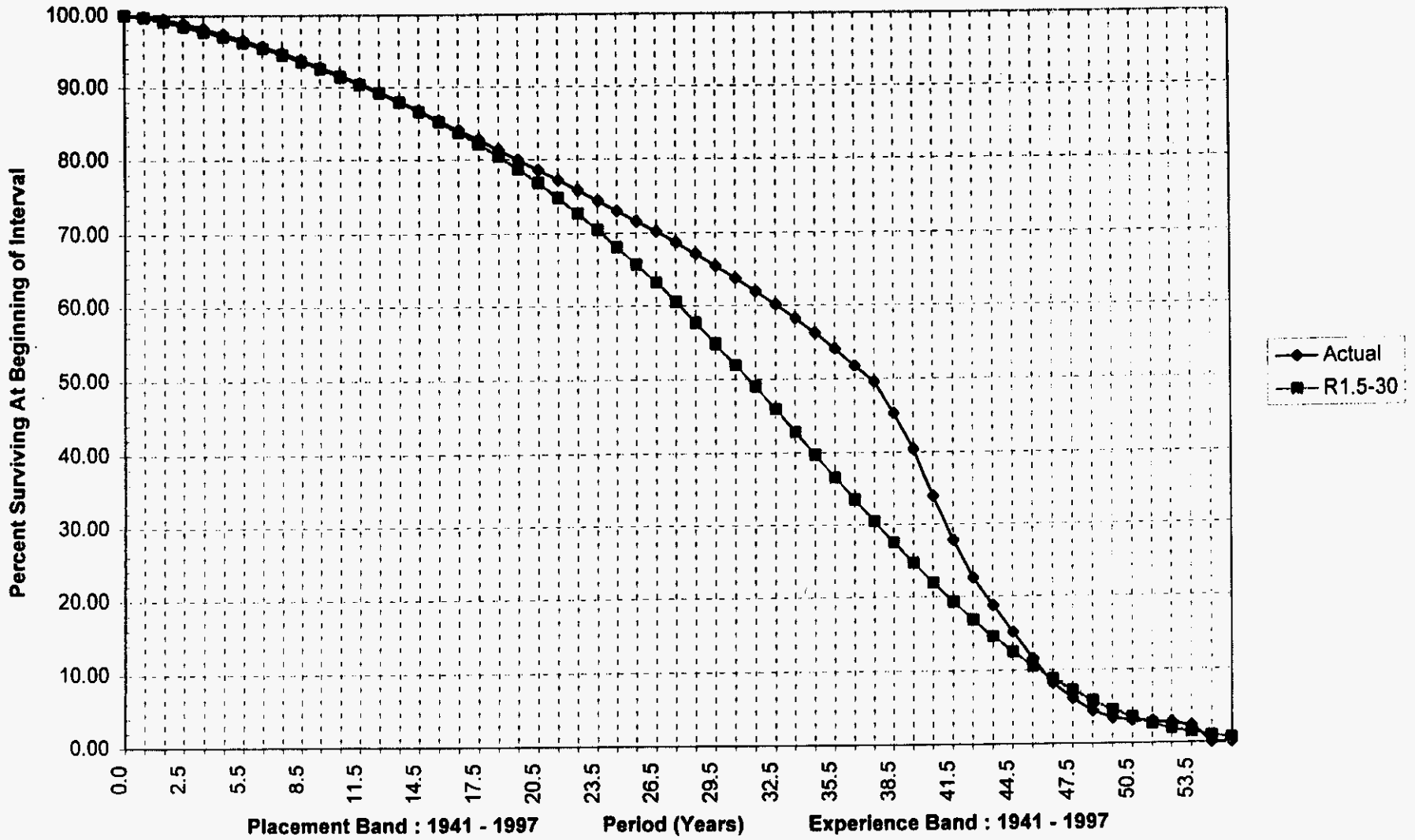
Experience Band: 1941-1997

Average Age of Retirements: 18.52

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	33,107,590	1,010,426	0.0305	60.08
33.5	30,481,932	1,036,264	0.0340	58.25
34.5	27,842,914	1,040,085	0.0374	56.27
35.5	25,140,614	1,125,857	0.0448	54.17
36.5	22,687,226	979,316	0.0432	51.74
37.5	19,525,981	1,696,927	0.0869	49.51
38.5	15,182,267	1,619,336	0.1067	45.20
39.5	11,798,242	1,907,639	0.1617	40.38
40.5	8,933,792	1,623,109	0.1817	33.85
41.5	7,385,163	1,380,450	0.1869	27.70
42.5	6,063,278	1,018,506	0.1680	22.52
43.5	5,106,222	992,744	0.1944	18.74
44.5	4,183,575	989,968	0.2366	15.10
45.5	3,241,926	944,895	0.2915	11.52
46.5	2,293,676	578,487	0.2522	8.17
47.5	1,716,769	482,485	0.2810	6.11
48.5	1,238,924	272,642	0.2201	4.39
49.5	984,106	83,653	0.0850	3.42
50.5	1,226,265	68,274	0.0557	3.13
51.5	1,158,043	56,071	0.0484	2.96
52.5	1,008,127	161,407	0.1601	2.82
53.5	846,720	846,685	1.0000	2.36
54.5	34	-	0.0000	0.00
55.5	34	34	1.0000	0.00
56.5				0.00
<b>Total</b>	7,923,273,624	101,653,762		

# Account 364.0 -- POLES, TOWERS AND FIXTURES

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 364.0 -- POLES, TOWERS, AND FIXTURES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R1.5

Average Service Life..... 30.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	17,236,070	100.00	17,236,070	29.59	510,015,311
1996	20,211,117	100.00	20,211,117	28.77	581,473,836
1995	20,832,205	100.00	20,832,205	27.96	582,468,452
1994	22,294,744	99.90	22,272,848	27.16	604,930,552
1993	26,608,129	99.80	26,556,024	26.36	700,016,793
1992	22,623,526	99.89	22,599,768	25.58	578,102,065
1991	23,808,993	99.94	23,793,867	24.80	590,087,902
1990	27,432,523	100.00	27,431,633	24.03	659,182,141
1989	24,996,777	98.90	24,721,327	23.27	575,265,279
1988	23,075,064	96.82	22,341,290	22.51	502,902,438
1987	20,335,842	95.87	19,496,755	21.76	424,249,389
1986	21,269,028	95.06	20,217,995	21.03	425,184,435
1985	21,123,241	94.50	19,960,512	20.30	405,198,394
1984	20,591,124	94.05	19,365,338	19.58	379,173,318
1983	16,336,550	93.69	15,305,701	18.87	288,818,578
1982	16,197,779	90.10	14,593,424	18.17	265,162,514
1981	16,687,426	84.62	14,121,595	17.49	246,986,697
1980	20,021,234	84.20	16,857,555	16.81	283,375,500
1979	10,154,262	79.63	8,085,426	16.15	130,579,630
1978	8,675,850	79.64	6,909,711	15.51	107,169,618
1977	8,001,520	81.86	6,550,442	14.87	97,405,073
1976	8,221,398	82.65	6,795,239	14.26	96,900,108
1975	9,558,371	84.06	8,034,610	13.65	109,672,427
1974	8,870,942	81.71	7,248,488	13.06	94,665,253
1973	9,936,113	81.36	8,083,596	12.49	100,964,114
1972	9,267,158	77.73	7,203,791	11.94	86,013,265
1971	6,256,788	79.65	4,983,597	11.40	56,813,006
1970	9,104,501	77.89	7,091,633	10.88	77,156,967
1969	4,323,259	78.27	3,383,966	10.37	35,091,727
1968	5,762,899	56.89	3,278,463	9.89	32,423,999
1967	4,998,793	50.68	2,533,349	9.42	23,864,148
1966	4,564,276	49.49	2,258,991	8.96	20,240,559
1965	4,382,197	50.65	2,219,793	8.53	18,934,834

# Florida Power & Light Company

## Indicated Survivor Method

### Account 364.0 -- POLES, TOWERS, AND FIXTURES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R1.5  
Average Service Life..... 30.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	3,233,664	49.93	1,614,533	8.11	13,093,863
1963	3,217,815	51.22	1,648,048	7.71	12,706,450
1962	3,668,795	48.18	1,767,787	7.33	12,957,879
1961	3,171,313	45.99	1,458,399	6.96	10,150,457
1960	4,932,209	45.84	2,261,075	6.60	14,923,095
1959	5,890,359	46.41	2,734,005	6.26	17,114,871
1958	5,589,419	33.55	1,875,334	5.93	11,120,731
1957	5,545,391	18.44	1,022,499	5.61	5,736,219
1956	4,683,024	0.00	0	5.30	0
1955	4,090,076	0.00	0	4.99	0
1954	3,844,322	0.00	0	4.70	0
1953	3,714,183	0.00	0	4.41	0
1952	2,789,695	0.00	0	4.13	0
1951	2,751,552	0.27	7,477	3.86	28,861
1950	2,762,643	0.00	0	3.59	0
1949	3,267,525	0.00	0	3.34	0
1948	2,114,694	0.00	0	3.10	0
1947	1,658,441	0.00	0	2.86	0
1946	779,297	0.00	0	2.64	0
1945	255,241	0.00	0	2.42	0
1944	164,743	0.00	0	2.18	0
1943	180,675	0.00	0	1.93	0
1942	585,034	0.00	0	1.63	0
1941	5,969,234	0.00	0	1.31	0
<b>Balances</b>	568,619,043		466,965,276	20.96	9,788,320,748

**Average Age of Survivors = 12.19 Years**

ACCOUNT 365.0 - OVERHEAD CONDUCTORS & DEVICES

Account 365.0 was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared.

Although analysis of the activity for this account in prior studies, has tended to show average service lives in the upper range, or longer than, other Florida utilities, the Company is more inclined to accept this as fact. Even though the percentage of new to old conductor is increasing with each passing year, much of the Company's original copper conductor still remains in service. Analysis for this year again indicates a fairly long life, 33-years, which is still on the upper fringe of Florida utility averages. Plotting the actuarial data against the Iowa-type curves resulted in a good fit to an S1.0-33 curve through age-interval 41.5, which represents 99.6% of the account's total exposures. The recommendation of a change in dispersion curve, from L1.0 to S1.0, helps to negate some of the slower recovery caused by the life indication. The dispersion curve and average service life results in a 23 year remaining life.

Retirements in this account have remained fairly steady over the past 5 to 10 years. Removal costs have been on the increase during this period, while gross salvage and other recoveries have decreased. The Company proposes to change the net salvage factor of its rates from the currently approved negative 35% (established in the 1991 study), to negative 50%.

# Florida Power & Light Company

## Actuarial Analysis

### Account 365.0 – OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 16.38

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	832,835,413	493,248	0.0006	100.00
0.5	820,131,162	1,902,206	0.0023	99.94
1.5	793,517,050	3,982,703	0.0050	99.71
2.5	762,247,647	4,440,479	0.0058	99.21
3.5	726,647,847	4,298,436	0.0059	98.63
4.5	678,968,069	4,869,257	0.0072	98.05
5.5	637,986,321	4,711,423	0.0074	97.34
6.5	591,237,696	4,435,347	0.0075	96.63
7.5	531,529,690	4,457,956	0.0084	95.90
8.5	478,102,422	4,639,239	0.0097	95.10
9.5	433,831,819	4,700,149	0.0108	94.17
10.5	398,494,905	4,064,398	0.0102	93.15
11.5	368,183,805	3,938,689	0.0107	92.20
12.5	338,903,469	4,289,614	0.0127	91.22
13.5	307,371,401	3,875,880	0.0126	90.06
14.5	281,401,221	3,880,928	0.0138	88.93
15.5	252,672,665	3,561,522	0.0141	87.70
16.5	225,471,559	3,582,708	0.0159	86.46
17.5	196,463,455	3,184,779	0.0162	85.09
18.5	180,941,668	3,027,076	0.0167	83.71
19.5	167,265,519	3,168,269	0.0189	82.31
20.5	154,573,590	2,880,762	0.0186	80.75
21.5	141,372,206	2,949,228	0.0209	79.25
22.5	126,386,299	2,994,999	0.0237	77.59
23.5	111,911,928	2,743,316	0.0245	75.75
24.5	96,626,089	2,468,331	0.0255	73.90
25.5	81,782,019	2,433,703	0.0298	72.01
26.5	70,278,959	2,276,148	0.0324	69.87
27.5	55,171,066	2,312,264	0.0419	67.60
28.5	47,045,479	2,419,247	0.0514	64.77
29.5	40,955,533	2,275,302	0.0556	61.44
30.5	35,345,692	2,140,217	0.0606	58.03
31.5	30,337,960	1,622,286	0.0535	54.51



# Florida Power & Light Company

## Actuarial Analysis

### Account 365.0 -- OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

Placement Band: 1941-1997

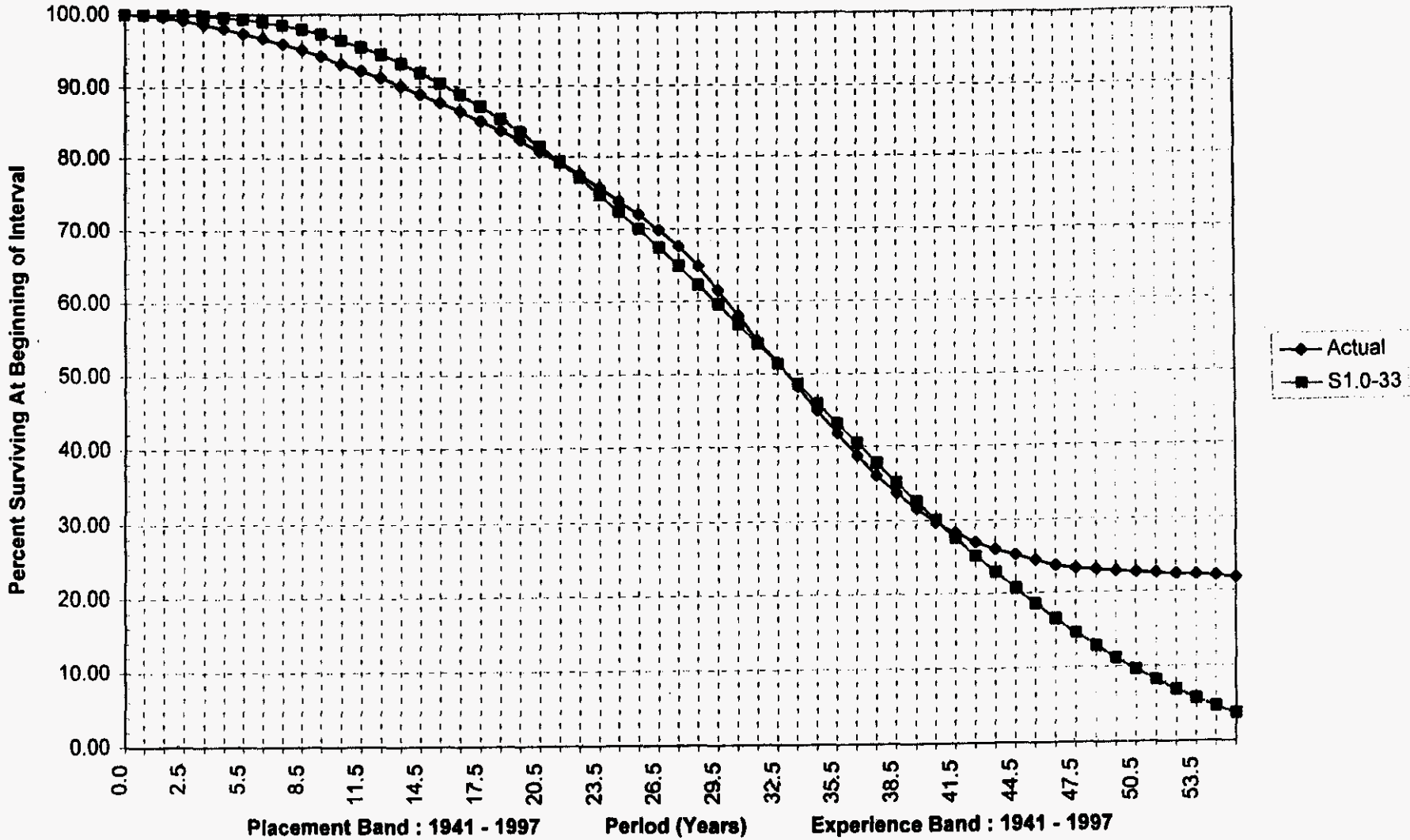
Experience Band: 1941-1997

Average Age of Retirements: 16.38

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	26,349,919	1,723,261	0.0654	51.60
33.5	22,353,291	1,553,653	0.0695	48.22
34.5	18,955,807	1,334,067	0.0704	44.87
35.5	16,044,648	1,136,824	0.0709	41.71
36.5	13,470,047	923,577	0.0686	38.76
37.5	11,895,195	787,786	0.0662	36.10
38.5	10,369,294	643,502	0.0621	33.71
39.5	9,155,608	563,856	0.0616	31.62
40.5	8,117,679	391,862	0.0483	29.67
41.5	7,505,903	324,633	0.0433	28.24
42.5	6,876,513	248,922	0.0362	27.02
43.5	6,261,530	185,172	0.0296	26.04
44.5	5,693,824	199,038	0.0350	25.27
45.5	4,849,223	153,734	0.0317	24.39
46.5	4,165,593	71,130	0.0171	23.61
47.5	3,337,452	29,688	0.0089	23.21
48.5	2,535,634	23,438	0.0092	23.00
49.5	1,947,807	14,952	0.0077	22.79
50.5	1,513,221	10,749	0.0071	22.62
51.5	1,261,139	7,867	0.0062	22.45
52.5	1,174,013	5,981	0.0051	22.31
53.5	1,137,111	8,373	0.0074	22.20
54.5	1,095,375	13,599	0.0124	22.04
55.5	906,360	2,847	0.0031	21.76
56.5				21.70
<b>Total</b>	<b>11,182,963,809</b>	<b>119,378,620</b>		

# Account 365.0 -- OVERHEAD CONDUCTORS AND DEVICES

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 365.0 -- OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

Parameters used for Account :

Survivor Curve..... Iowa Type S1  
Average Service Life..... 33.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	19,591,624	100.00	19,591,624	32.50	636,727,780
1996	24,693,305	99.92	24,674,685	31.51	777,499,324
1995	26,642,535	99.67	26,554,835	30.52	810,453,564
1994	30,245,002	99.41	30,067,841	29.56	888,805,380
1993	43,257,750	99.92	43,222,569	28.61	1,236,597,699
1992	36,882,667	100.00	36,881,360	27.69	1,021,244,858
1991	44,183,104	99.54	43,978,513	26.79	1,178,184,363
1990	56,631,597	99.20	56,180,531	25.91	1,455,637,558
1989	50,935,448	98.31	50,076,086	25.06	1,254,906,715
1988	42,156,225	95.84	40,403,018	24.24	979,369,156
1987	33,179,117	93.56	31,042,761	23.44	727,642,318
1986	28,382,033	93.75	26,609,520	22.66	602,971,723
1985	27,965,560	92.25	25,797,317	21.91	565,219,215
1984	30,702,471	90.29	27,720,074	21.19	587,388,368
1983	24,737,678	90.56	22,403,566	20.48	458,825,032
1982	27,843,704	90.07	25,079,941	19.80	496,582,832
1981	27,644,898	86.59	23,938,976	19.14	458,192,001
1980	29,458,003	87.46	25,765,087	18.50	476,654,110
1979	13,963,110	84.13	11,746,562	17.88	210,028,529
1978	12,310,975	85.45	10,519,167	17.28	181,771,206
1977	10,620,756	88.63	9,412,686	16.70	157,191,856
1976	11,577,964	87.86	10,172,090	16.13	164,075,812
1975	13,536,221	88.04	11,917,461	15.58	185,674,042
1974	13,393,106	84.80	11,357,632	15.04	170,818,785
1973	15,610,986	79.42	12,397,841	14.52	180,016,651
1972	15,146,534	81.26	12,308,035	14.02	172,558,651
1971	10,598,056	83.54	8,853,779	13.52	119,703,092
1970	15,065,064	83.15	12,526,931	13.04	163,351,180
1969	6,507,529	85.64	5,573,096	12.57	70,053,817
1968	8,589,407	38.91	3,342,241	12.12	40,507,961
1967	7,579,532	39.18	2,969,948	11.67	34,659,293
1966	6,353,358	40.33	2,562,570	11.23	28,777,661
1965	5,954,600	36.45	2,170,663	10.81	23,464,867

# Florida Power & Light Company

## Indicated Survivor Method

### Account 365.0 -- OVERHEAD CONDUCTORS AND DEVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S1  
Average Service Life..... 33.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	4,661,356	44.29	2,064,367	10.39	21,448,773
1963	4,506,021	37.75	1,700,849	9.98	16,974,473
1962	4,176,469	36.54	1,526,232	9.58	14,621,303
1961	3,391,357	40.08	1,359,089	9.19	12,490,028
1960	5,075,577	11.51	584,360	8.81	5,148,212
1959	6,051,777	10.38	628,098	8.43	5,294,866
1958	5,645,574	8.66	489,033	8.07	3,946,496
1957	5,402,478	8.26	446,175	7.70	3,435,548
1956	3,926,299	5.11	200,765	7.35	1,475,623
1955	3,434,302	8.84	303,710	7.00	2,125,970
1954	3,027,238	12.07	365,343	6.65	2,429,531
1953	2,644,905	14.40	380,862	6.31	2,403,239
1952	2,042,237	28.80	588,174	5.98	3,517,281
1951	2,072,827	25.54	529,391	5.65	2,991,059
1950	1,973,744	38.35	756,934	5.33	4,034,458
1949	2,348,453	32.87	771,978	5.01	3,867,610
1948	1,572,944	35.88	564,371	4.70	2,652,544
1947	1,043,910	40.20	419,634	4.39	1,842,193
1946	487,559	49.49	241,298	4.09	986,909
1945	116,856	52.75	61,639	3.78	232,995
1944	70,347	43.26	30,434	3.49	106,215
1943	96,934	34.42	33,364	3.19	106,431
1942	424,327	41.34	175,416	2.90	508,706
1941	6,189,246	14.60	903,513	2.62	2,367,204
<b>Balances</b>	<b>842,322,656</b>		<b>722,944,035</b>	<b>23.00</b>	<b>16,630,563,066</b>

**Average Age of Survivors = 12.05 Years**

ACCOUNT 366.6 - UNDERGROUND CONDUIT, DUCT SYSTEM

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a good fit to an S3.0-48 curve through age-interval 38.5, which represents 99.2% of the account's total exposures. The dispersion curve and average service life results in a 37 year average remaining life.

Since digging up and removing underground conduit and duct systems would result in relatively high removal costs and little, if any, salvage value, this equipment is normally abandoned in place. No change in net salvage ratio from the current zero percent is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 366.6 -- UNDERGROUND CONDUIT - DUCT BURIED COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 28.05

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	421,846,058	-	0.0000	100.00
0.5	419,057,497	2,406	0.0000	100.00
1.5	396,371,226	538	0.0000	100.00
2.5	373,216,570	868	0.0000	100.00
3.5	352,801,851	16,838	0.0000	100.00
4.5	331,782,547	7,295	0.0000	99.99
5.5	313,537,147	10,360	0.0000	99.99
6.5	290,935,172	6,758	0.0000	99.99
7.5	262,899,533	28,693	0.0001	99.99
8.5	233,277,021	2,370	0.0000	99.98
9.5	211,062,062	9,025	0.0000	99.97
10.5	190,530,481	9,633	0.0001	99.97
11.5	172,941,602	22,556	0.0001	99.97
12.5	156,695,551	33,245	0.0002	99.95
13.5	142,346,478	52,644	0.0004	99.93
14.5	131,230,835	104,308	0.0008	99.89
15.5	117,424,173	159,839	0.0014	99.81
16.5	106,158,202	274,169	0.0026	99.68
17.5	95,969,780	167,916	0.0017	99.42
18.5	91,853,332	218,706	0.0024	99.25
19.5	88,862,033	338,977	0.0038	99.01
20.5	83,444,573	195,832	0.0023	98.63
21.5	77,700,219	228,562	0.0029	98.40
22.5	66,970,016	243,812	0.0036	98.11
23.5	58,580,259	262,284	0.0045	97.76
24.5	49,432,379	318,903	0.0065	97.32
25.5	41,618,485	323,811	0.0078	96.69
26.5	34,828,576	273,699	0.0079	95.94
27.5	23,709,307	236,753	0.0100	95.18
28.5	19,373,532	217,327	0.0112	94.23
29.5	17,041,259	198,692	0.0117	93.18
30.5	14,101,261	163,024	0.0116	92.09
31.5	12,183,557	204,301	0.0168	91.02

# Florida Power & Light Company

## Actuarial Analysis

### Account 366.6 – UNDERGROUND CONDUIT - DUCT BURIED COMPANY COMPOSITE

Placement Band: 1941-1997

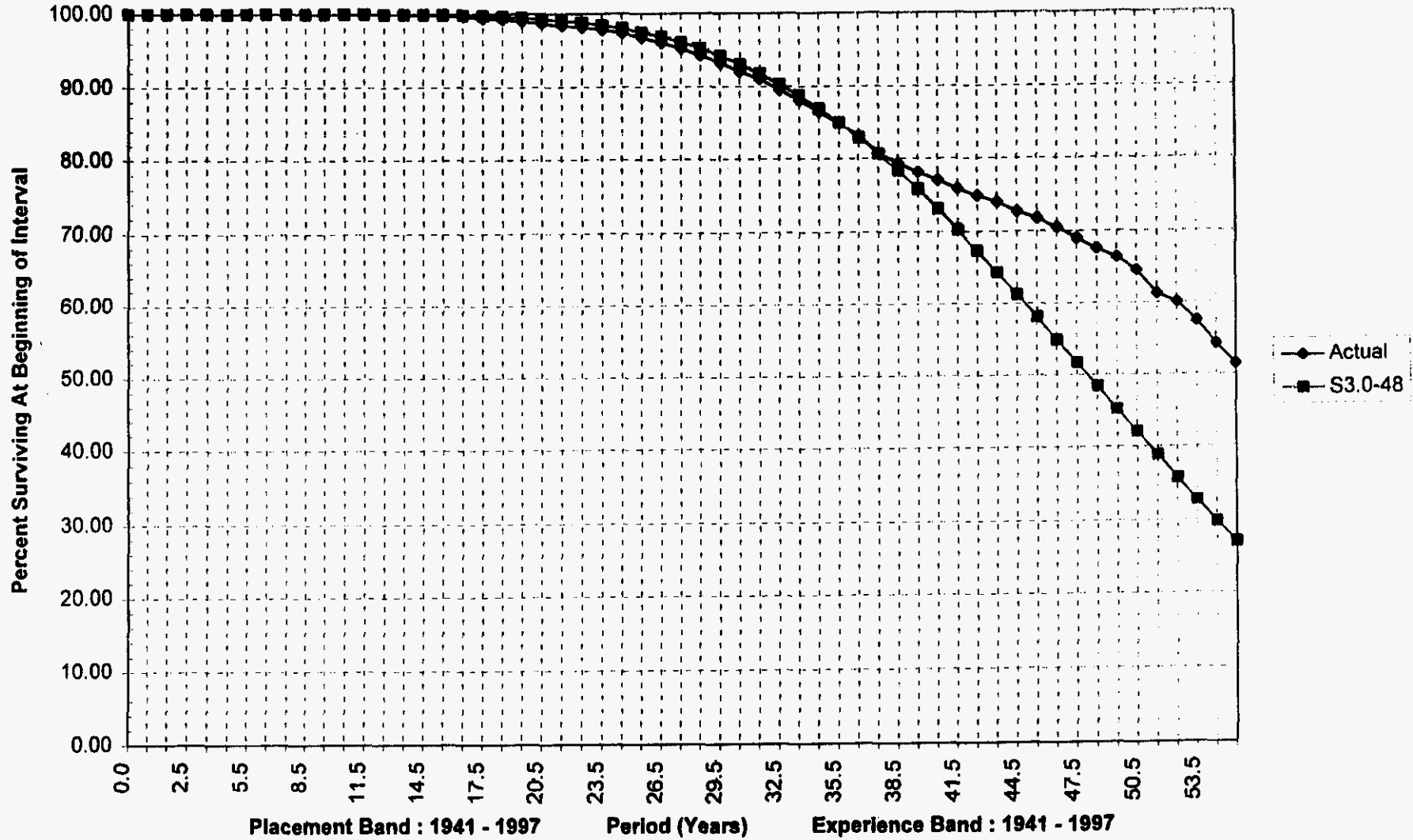
Experience Band: 1941-1997

Average Age of Retirements: 28.05

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	10,329,703	164,379	0.0159	89.50
33.5	9,724,447	173,417	0.0178	88.07
34.5	9,122,373	170,419	0.0187	86.50
35.5	8,648,225	182,222	0.0211	84.89
36.5	8,129,878	229,492	0.0282	83.10
37.5	7,429,925	129,115	0.0174	80.75
38.5	6,794,105	109,870	0.0162	79.35
39.5	6,340,010	91,633	0.0145	78.07
40.5	5,762,240	89,018	0.0154	76.94
41.5	5,275,958	66,420	0.0126	75.75
42.5	4,729,156	57,503	0.0122	74.80
43.5	4,434,899	74,302	0.0168	73.89
44.5	3,851,296	49,451	0.0128	72.65
45.5	3,538,423	59,047	0.0167	71.72
46.5	3,119,528	66,075	0.0212	70.52
47.5	2,948,139	58,903	0.0200	69.03
48.5	1,757,681	32,737	0.0186	67.65
49.5	391,124	10,577	0.0270	66.39
50.5	364,019	18,685	0.0513	64.59
51.5	337,179	6,508	0.0193	61.28
52.5	329,854	14,683	0.0445	60.09
53.5	315,171	17,574	0.0558	57.42
54.5	297,597	15,656	0.0526	54.22
55.5	264,111	3,060	0.0116	51.36
56.5				50.77
<b>Total</b>	5,504,017,615	6,224,890		

# Account 366.6 -- UNDERGROUND CONDUIT - DUCT BURIED

03





# Florida Power & Light Company

## Indicated Survivor Method

### Account 366.6 -- UNDERGROUND CONDUIT - DUCT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3  
Average Service Life..... 48.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	23,310,302	100.00	23,310,302	47.51	1,107,472,448
1996	22,798,026	100.00	22,798,026	46.51	1,060,336,189
1995	23,479,128	100.00	23,479,128	45.51	1,068,535,115
1994	19,248,457	100.00	19,248,457	44.51	856,748,821
1993	21,586,153	100.00	21,586,153	43.51	939,213,517
1992	18,054,221	100.00	18,054,221	42.51	767,484,935
1991	22,738,401	100.00	22,738,401	41.51	943,871,026
1990	28,118,044	100.00	28,118,044	40.51	1,139,061,962
1989	29,711,347	100.00	29,711,347	39.51	1,173,895,320
1988	22,174,530	99.97	22,166,840	38.51	853,645,008
1987	20,565,767	99.80	20,524,280	37.51	769,865,743
1986	17,733,191	99.97	17,727,480	36.51	647,230,295
1985	16,204,330	100.00	16,204,330	35.51	575,415,758
1984	14,301,985	100.00	14,301,985	34.52	493,704,522
1983	11,184,654	99.98	11,182,744	33.53	374,957,406
1982	12,802,437	99.94	12,794,453	32.54	416,331,501
1981	11,155,133	99.99	11,154,542	31.56	352,037,346
1980	9,849,673	100.00	9,849,246	30.59	301,288,435
1979	3,610,750	99.83	3,604,782	29.62	106,773,643
1978	2,828,247	99.97	2,827,293	28.66	81,030,217
1977	5,118,751	100.00	5,118,751	27.71	141,840,590
1976	5,548,529	100.00	5,548,529	26.78	148,589,607
1975	10,508,767	99.93	10,501,642	25.86	271,572,462
1974	8,171,809	99.68	8,145,944	24.95	203,241,303
1973	8,957,393	99.28	8,893,077	24.06	213,967,433
1972	7,630,748	98.22	7,494,991	23.19	173,808,841
1971	6,848,915	94.41	6,465,753	22.34	144,444,922
1970	11,686,055	93.01	10,869,607	21.51	233,805,247
1969	4,337,131	94.54	4,100,397	20.71	84,919,222
1968	2,350,878	89.76	2,110,217	19.92	42,035,523
1967	3,245,825	84.61	2,746,271	19.16	52,618,552
1966	2,121,652	82.70	1,754,680	18.42	32,321,206
1965	1,926,953	85.61	1,649,572	17.71	29,213,920

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 366.6 – UNDERGROUND CONDUIT - DUCT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3

Average Service Life..... 48.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	444,420	99.19	440,835	17.02	7,503,012
1963	508,339	84.30	428,552	16.35	7,006,825
1962	381,560	79.60	303,729	15.71	4,771,583
1961	407,727	82.36	335,793	15.09	5,067,116
1960	862,707	54.53	470,460	14.50	6,821,670
1959	691,676	71.86	497,012	13.93	6,923,377
1958	500,257	68.81	344,224	13.38	4,605,717
1957	675,327	71.99	486,137	12.85	6,246,860
1956	508,682	78.42	398,918	12.34	4,922,648
1955	589,921	81.43	480,372	11.85	5,692,408
1954	306,240	77.34	236,852	11.39	2,697,744
1953	576,365	88.35	509,204	10.94	5,570,692
1952	354,582	74.23	263,220	10.51	2,766,442
1951	441,770	81.46	359,848	10.09	3,630,866
1950	208,330	50.55	105,314	9.69	1,020,493
1949	1,416,638	79.88	1,131,556	9.31	10,534,786
1948	1,751,347	76.16	1,333,820	8.94	11,924,351
1947	25,229	65.51	16,527	8.59	141,967
1946	8,184	99.65	8,155	8.25	67,279
1945	344	0.00	0	7.92	0
1944	813	0.00	0	7.61	0
1943	557	0.00	0	7.31	0
1942	20,631	86.42	17,830	7.02	125,167
1941	845,958	30.86	261,051	6.74	1,759,484
<b>Balances</b>	<b>441,435,786</b>		<b>435,210,894</b>	<b>36.54</b>	<b>15,901,078,522</b>

**Average Age of Survivors = 11.74 Years**

ACCOUNT 366.7 - UNDERGROUND CONDUIT, DIRECT BURIED

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a good fit to an S3.0-35 curve through age interval 27.5. The dispersion curve type and life is identical to that currently approved. Direct buried conduit tends to have a shorter average service life than duct buried conduit due to the chemical and subterranean elements that it is subjected to. The dispersion curve and average service life results in a 23 year average remaining life.

Since underground conduit is normally abandoned in place, no change in net salvage from the current zero percent is recommended.

# Florida Power & Light Company

## Actuarial Analysis

**Account 366.7 – UNDERGROUND CONDUIT - DIRECT BURIED  
COMPANY COMPOSITE**

**Placement Band: 1962-1997**

**Experience Band: 1962-1997**

**Average Age of Retirements: 20.19**

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	24,880,101	3,546	0.0001	100.00
0.5	24,058,138	3,830	0.0002	99.99
1.5	23,035,255	11,719	0.0005	99.97
2.5	21,853,324	6,048	0.0003	99.92
3.5	20,544,135	17,182	0.0008	99.89
4.5	19,583,256	(269)	0.0000	99.81
5.5	18,616,797	(5,039)	-0.0003	99.81
6.5	17,514,767	(179)	0.0000	99.84
7.5	16,118,844	1,798	0.0001	99.84
8.5	14,851,121	3,785	0.0003	99.83
9.5	13,745,027	72	0.0000	99.80
10.5	12,820,335	739	0.0001	99.80
11.5	11,499,062	(31,822)	-0.0028	99.79
12.5	10,360,437	(11,282)	-0.0011	100.07
13.5	9,026,118	(10,329)	-0.0011	100.18
14.5	8,064,040	(28,662)	-0.0036	100.29
15.5	7,375,027	26,977	0.0037	100.65
16.5	6,444,555	28,387	0.0044	100.28
17.5	4,602,879	20,588	0.0045	99.84
18.5	3,773,993	27,432	0.0073	99.39
19.5	3,168,952	26,637	0.0084	98.67
20.5	2,630,627	27,270	0.0104	97.84
21.5	2,214,241	27,720	0.0125	96.83
22.5	1,562,057	21,221	0.0136	95.62
23.5	938,171	16,854	0.0180	94.32
24.5	361,612	10,616	0.0294	92.62
25.5	228,644	11,472	0.0502	89.90
26.5	72,978	5,550	0.0761	85.39
27.5	(21,727)	4,561	-0.2099	78.90
28.5	193,449	5,368	0.0277	95.46
29.5	105,229	2,498	0.0237	92.81
30.5	41,672	748	0.0180	90.61
31.5	(2,592)	-	0.0000	88.98

# Florida Power & Light Company

## Actuarial Analysis

**Account 366.7 -- UNDERGROUND CONDUIT - DIRECT BURIED  
COMPANY COMPOSITE**

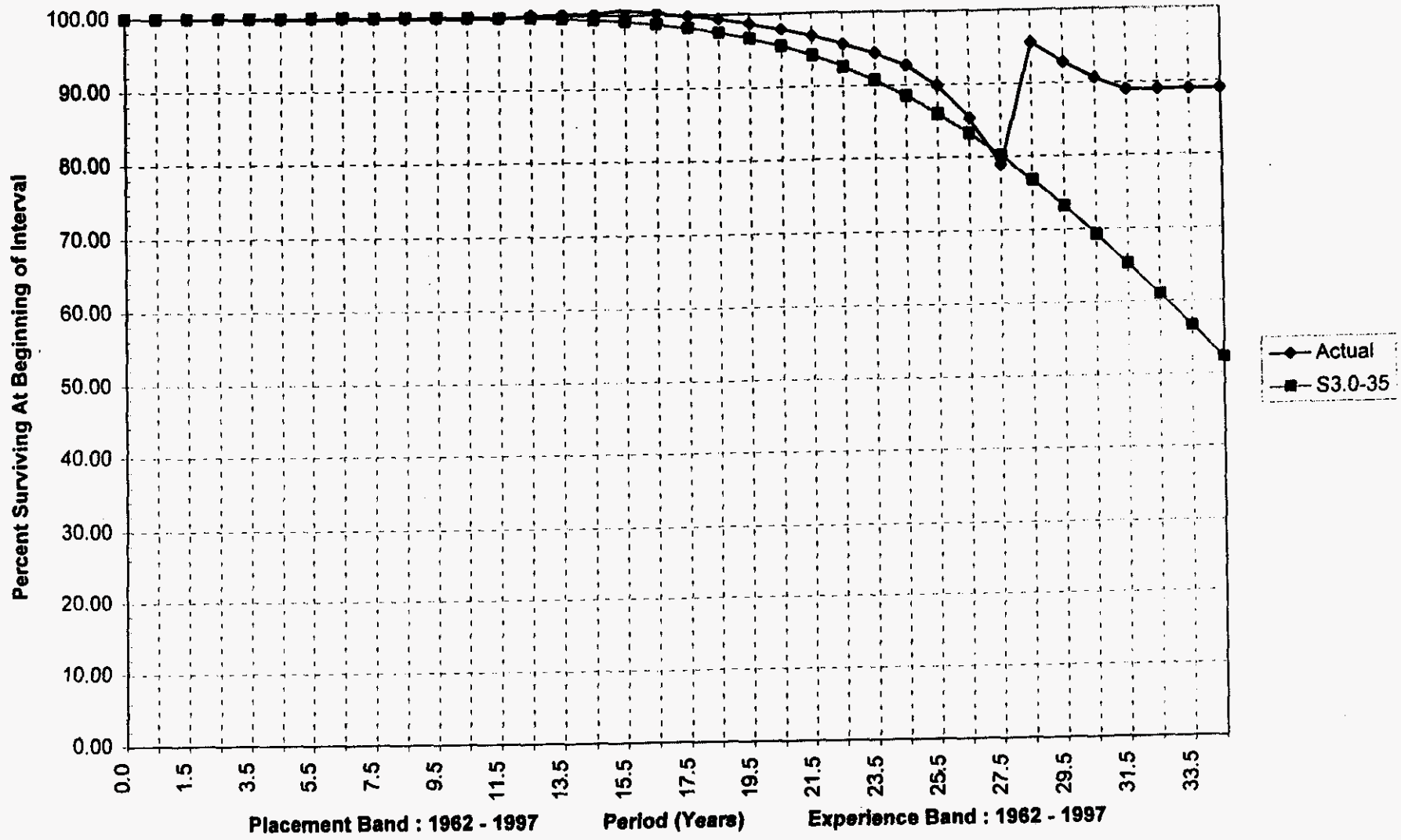
Placement Band: 1962-1997

Experience Band: 1962-1997

Average Age of Retirements: 20.19

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	(2,768)	-	0.0000	88.98
33.5	(2,768)	-	0.0000	88.98
34.5	-	-	0.0000	88.98
35.5	-	-	-	88.98
<b>Total</b>	<u>300,254,988</u>	<u>225,036</u>	-	-

# Account 366.7 -- UNDERGROUND CONDUIT - DIRECT BURIED



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 366.7 – UNDERGROUND CONDUIT - DIRECT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3  
Average Service Life..... 35.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	1,251,710	99.85	1,249,777	34.50	43,117,307
1996	1,013,910	99.86	1,012,535	33.50	33,919,923
1995	917,249	100.00	917,249	32.50	29,810,593
1994	958,799	100.00	958,799	31.50	30,202,169
1993	744,967	98.23	731,794	30.50	22,319,717
1992	646,725	97.95	633,456	29.50	18,686,952
1991	697,358	98.47	686,702	28.50	19,571,007
1990	1,179,880	100.00	1,179,880	27.50	32,446,700
1989	1,216,828	99.99	1,216,676	26.50	32,241,914
1988	995,607	99.89	994,527	25.51	25,370,384
1987	876,400	99.66	873,438	24.52	21,416,700
1986	1,009,141	100.00	1,009,141	23.53	23,745,088
1985	1,159,804	99.99	1,159,738	22.55	26,152,092
1984	1,343,576	99.91	1,342,327	21.58	28,967,417
1983	970,185	100.00	970,185	20.63	20,014,917
1982	716,650	100.00	716,650	19.69	14,110,839
1981	952,699	99.94	952,164	18.76	17,862,597
1980	2,131,627	99.77	2,126,792	17.86	37,984,505
1979	818,970	99.69	816,405	16.99	13,870,721
1978	585,965	99.00	580,111	16.14	9,362,992
1977	519,533	98.58	512,147	15.32	7,846,092
1976	398,038	97.59	388,435	14.53	5,643,961
1975	654,354	95.43	624,464	13.77	8,598,869
1974	651,139	92.56	602,665	13.05	7,864,778
1973	619,851	90.30	559,705	12.36	6,917,954
1972	131,112	93.32	122,353	11.70	1,431,530
1971	180,362	79.95	144,194	11.07	1,596,228
1970	119,838	74.31	89,052	10.48	933,265
1969	(276,731)	79.40	(219,737)	9.92	(2,179,791)
1968	65,664	126.18	82,852	9.38	777,152
1967	72,340	84.41	61,059	8.88	542,204
1966	21,871	198.97	43,516	8.40	365,534
1965	18,843	0.93	176	7.95	1,399

**Florida Power & Light Company**

Indicated Survivor Method

**Account 366.7 – UNDERGROUND CONDUIT - DIRECT BURIED  
COMPANY COMPOSITE**

Parameters used for Account :

Survivor Curve..... Iowa Type S3  
Average Service Life..... 35.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1963	(2,768)	100.00	(2,768)	7.12	(19,708)
<b>Balances</b>	<u>23,361,496</u>		<u>23,136,459</u>	23.40	541,494,001

**Average Age of Survivors = 11.89 Years**



ACCOUNT 367.6 - UNDERGROUND CONDUCTORS & DEVICES, DUCT SYSTEM

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a reasonable fit to an S0.5-34 curve through age-interval 25.5. Since the curve and life is the same as currently approved, no change in dispersion curve or average remaining life is being sought for this account. The continued use of this dispersion curve and life, results in an average remaining life of 26 years.

Salvage of underground cable and devices in duct (particularly copper wire and devices with copper) was expected to have a reasonable market value. For that reason, the Company requested a 10% net salvage ratio for this account in it's 1994 depreciation study. However, removal costs recorded to date have equaled, or exceeded, any salvage realized. For this reason, the Company is recommending returning to zero percent net salvage.

# Florida Power & Light Company

## Actuarial Analysis

**Account 367.6 – UNDERGROUND CONDUCTORS - DUCT BURIED  
COMPANY COMPOSITE**

**Placement Band: 1941-1997**

**Experience Band: 1941-1997**

**Average Age of Retirements: 14.27**

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	605,587,106	(6,462)	0.0000	100.00
0.5	599,962,369	345,190	0.0006	100.00
1.5	562,052,387	913,380	0.0016	99.94
2.5	525,022,927	1,394,678	0.0027	99.78
3.5	490,754,168	1,770,720	0.0036	99.52
4.5	458,364,781	1,814,898	0.0040	99.16
5.5	427,029,056	2,177,123	0.0051	98.76
6.5	389,096,335	2,587,689	0.0067	98.26
7.5	336,627,326	2,905,929	0.0086	97.61
8.5	292,029,393	2,967,141	0.0102	96.76
9.5	256,897,452	2,711,642	0.0106	95.78
10.5	227,711,359	2,943,599	0.0129	94.77
11.5	199,150,495	2,991,336	0.0150	93.55
12.5	176,115,535	3,049,488	0.0173	92.14
13.5	155,104,364	2,958,133	0.0191	90.54
14.5	136,200,916	2,687,505	0.0197	88.82
15.5	120,482,766	2,458,153	0.0204	87.07
16.5	104,937,693	2,089,579	0.0199	85.29
17.5	91,370,250	1,741,584	0.0191	83.59
18.5	84,876,990	1,761,298	0.0208	82.00
19.5	79,942,573	1,706,036	0.0213	80.30
20.5	72,272,078	1,190,245	0.0165	78.58
21.5	64,297,507	1,218,699	0.0190	77.29
22.5	54,299,644	1,033,277	0.0190	75.82
23.5	45,265,119	743,652	0.0164	74.38
24.5	36,585,301	789,179	0.0216	73.16
25.5	28,383,239	599,598	0.0211	71.58
26.5	22,106,141	461,313	0.0209	70.07
27.5	14,417,551	404,523	0.0281	68.61
28.5	10,946,296	392,472	0.0359	66.68
29.5	10,049,997	351,730	0.0350	64.29
30.5	9,322,468	325,419	0.0349	62.04
31.5	8,130,093	307,886	0.0379	59.87

# Florida Power & Light Company

## Actuarial Analysis

### Account 367.6 – UNDERGROUND CONDUCTORS - DUCT BURIED COMPANY COMPOSITE

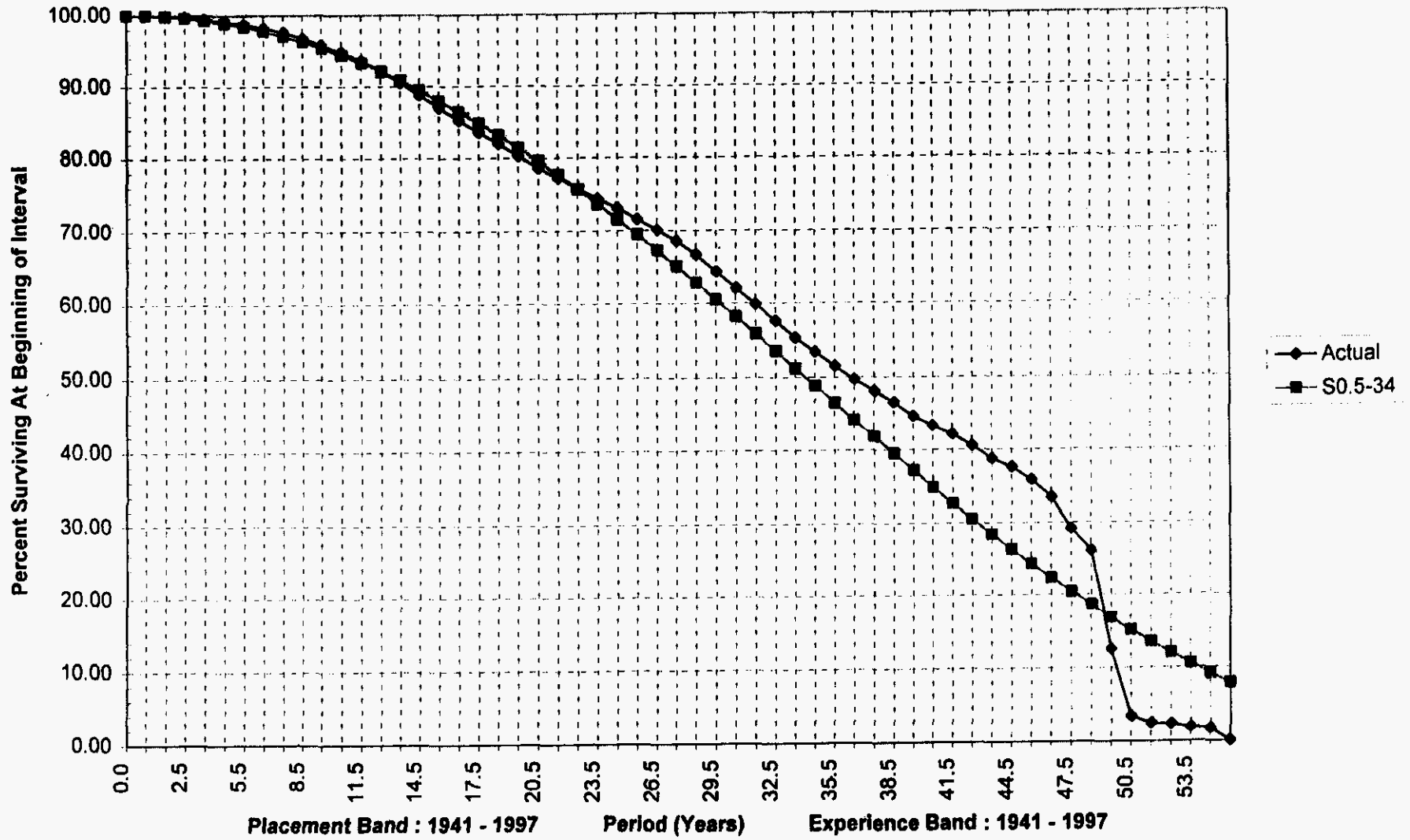
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 14.27

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	7,699,889	306,170	0.0398	57.61
33.5	7,320,316	252,702	0.0345	55.32
34.5	6,860,752	245,759	0.0358	53.41
35.5	6,405,548	228,998	0.0357	51.49
36.5	5,990,337	194,276	0.0324	49.65
37.5	5,677,247	181,498	0.0320	48.04
38.5	4,758,425	197,487	0.0415	46.51
39.5	3,998,993	114,856	0.0287	44.58
40.5	3,375,871	96,916	0.0287	43.30
41.5	2,633,788	98,598	0.0374	42.05
42.5	1,955,684	84,731	0.0433	40.48
43.5	1,374,654	41,587	0.0303	38.73
44.5	997,161	45,451	0.0456	37.55
45.5	597,146	39,011	0.0653	35.84
46.5	304,656	39,608	0.1300	33.50
47.5	62,896	6,636	0.1055	29.15
48.5	4,242	2,208	0.5204	26.07
49.5	2,035	1,491	0.7330	12.50
50.5	543	156	0.2872	3.34
51.5	291	11	0.0374	2.38
52.5	280	55	0.1977	2.29
53.5	225	19	0.0865	1.84
54.5	205	205	1.0000	1.68
55.5	-	-	0.0000	0.00
56.5	-	-	-	0.00
<b>Total</b>	<b>6,755,412,859</b>	<b>53,965,061</b>		

# Account 367.6 -- UNDERGROUND CONDUCTORS - DUCT BURIED



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 367.6 -- UNDERGROUND CONDUCTORS - DUCT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S0.5  
Average Service Life..... 34.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	31,022,116	100.00	31,022,116	33.51	1,039,551,107
1996	37,678,174	100.00	37,678,174	32.55	1,226,424,564
1995	36,353,872	99.96	36,340,418	31.62	1,149,084,017
1994	32,316,189	100.00	32,316,442	30.72	992,761,098
1993	30,481,421	99.96	30,469,315	29.85	909,509,053
1992	29,483,068	99.95	29,469,719	29.00	854,621,851
1991	36,060,711	99.74	35,965,427	28.18	1,013,505,733
1990	50,116,398	99.88	50,053,760	27.38	1,370,471,949
1989	41,790,617	99.75	41,686,237	26.60	1,108,853,904
1988	32,812,321	98.33	32,265,763	25.85	834,069,974
1987	27,357,940	96.66	26,445,331	25.11	664,042,261
1986	26,943,642	94.82	25,548,018	24.40	623,371,639
1985	22,160,166	90.41	20,034,304	23.70	474,813,005
1984	20,518,576	87.58	17,970,787	23.03	413,867,225
1983	18,528,529	84.11	15,583,860	22.37	348,610,948
1982	14,051,125	85.16	11,966,370	21.73	260,029,220
1981	14,793,839	80.41	11,895,155	21.10	250,987,771
1980	14,684,549	77.58	11,392,440	20.49	233,431,096
1979	5,655,707	76.02	4,299,742	19.90	85,564,866
1978	3,903,003	78.97	3,082,231	19.32	59,548,703
1977	7,160,360	83.15	5,953,683	18.76	111,691,093
1976	8,337,625	81.36	6,783,513	18.21	123,527,772
1975	11,086,635	79.16	8,776,519	17.67	155,081,091
1974	9,290,955	75.26	6,992,442	17.14	119,850,456
1973	9,322,420	78.47	7,315,517	16.62	121,583,893
1972	8,352,993	83.61	6,984,201	16.12	112,585,320
1971	6,263,879	83.90	5,255,406	15.63	82,141,996
1970	8,037,042	82.18	6,604,784	15.14	99,996,430
1969	3,254,225	82.14	2,672,932	14.67	39,211,912
1968	2,743,541	3.47	95,267	14.21	1,353,744
1967	3,666,415	2.11	77,292	13.75	1,062,765
1966	2,941,791	2.54	74,599	13.30	992,167
1965	1,212,238	10.09	122,318	12.86	1,573,009

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 367.6 -- UNDERGROUND CONDUCTORS - DUCT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S0.5

Average Service Life..... 34.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	386,105	19.13	73,843	12.43	917,868
1963	422,085	46.63	196,813	12.01	2,363,724
1962	599,589	34.89	209,201	11.59	2,424,640
1961	391,655	47.01	184,118	11.18	2,058,439
1960	721,071	16.48	118,814	10.78	1,280,815
1959	1,310,175	56.26	737,167	10.38	7,651,793
1958	1,190,981	46.84	557,799	9.99	5,572,412
1957	1,250,769	40.47	506,207	9.60	4,859,587
1956	978,680	64.82	634,374	9.22	5,848,928
1955	867,372	66.81	579,506	8.85	5,128,628
1954	846,694	58.54	495,649	8.47	4,198,147
1953	1,064,051	31.57	335,907	8.11	2,724,206
1952	778,660	45.35	353,142	7.74	2,733,319
1951	770,300	32.03	246,705	7.39	1,823,150
1950	664,751	30.41	202,152	7.03	1,421,129
1949	746,123	6.11	45,621	6.68	304,748
1948	259,595	0.00	0	6.33	0
1947	54,326	0.00	0	5.98	0
1946	19,354	0.00	0	5.64	0
1945	8,545	0.00	0	5.30	0
1944	8,611	0.00	0	4.96	0
1943	8,019	0.00	0	4.62	0
1942	34,157	0.00	0	4.29	0
1941	872,411	0.00	0	3.95	0
<b>Balances</b>	622,636,161		568,671,100	26.26	14,935,083,165

**Average Age of Survivors = 9.63 Years**

ACCOUNT 367.7 - UNDERGROUND CONDUCTORS & DEVICES, DIRECT BURIED

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a reasonable fit to an R3.0-29 curve. The dispersion curve type and life is identical to that recommended by the Company and approved by Staff in the last depreciation study.

As was indicated in Account 366.7, Underground Conduit - Direct Buried, direct burial of conduit and conductors tends to result in a shorter average service life than when placed in duct. This shorter life is primarily due to the equipment's environment, that is, the chemical and subterranean elements that it is subjected to.

The investment associated with the cable injection program has been excluded from the database used in the study. Because of the relatively minor dollars (in relation to the total investment in the account) associated currently with the program, no significant impact has been detected on the life of this account.

The dispersion curve and average service life results in a 15.5 year average remaining life. Since underground conductor is normally abandoned in place, no change in net salvage from the current zero percent is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 367.7 -- UNDERGROUND CONDUCTORS - DIRECT BURIED COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 14.92

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	375,679,428	235,194	0.0006	100.00
0.5	374,086,695	534,151	0.0014	99.94
1.5	356,933,427	329,791	0.0009	99.79
2.5	342,747,957	300,141	0.0009	99.70
3.5	328,100,341	330,178	0.0010	99.62
4.5	317,964,236	291,286	0.0009	99.51
5.5	310,823,072	258,514	0.0008	99.42
6.5	302,172,990	465,853	0.0015	99.34
7.5	292,918,498	470,353	0.0016	99.19
8.5	285,631,422	1,198,181	0.0042	99.03
9.5	280,983,843	2,474,643	0.0088	98.61
10.5	273,402,452	2,159,427	0.0079	97.74
11.5	260,095,004	1,678,279	0.0065	96.97
12.5	235,913,831	1,451,080	0.0062	96.35
13.5	205,385,509	1,359,456	0.0066	95.75
14.5	181,389,325	1,347,600	0.0074	95.12
15.5	163,329,958	1,454,098	0.0089	94.41
16.5	138,541,795	1,410,737	0.0102	93.57
17.5	93,934,865	1,314,743	0.0140	92.62
18.5	77,111,759	1,205,811	0.0156	91.32
19.5	64,830,287	1,074,046	0.0166	89.90
20.5	53,328,643	1,135,533	0.0213	88.41
21.5	43,815,957	950,761	0.0217	86.52
22.5	31,915,375	700,557	0.0220	84.65
23.5	23,079,650	622,052	0.0270	82.79
24.5	14,040,811	414,976	0.0296	80.56
25.5	11,209,703	474,421	0.0423	78.18
26.5	8,593,947	389,375	0.0453	74.87
27.5	3,627,524	245,904	0.0678	71.48
28.5	3,104,551	185,835	0.0599	66.63
29.5	2,723,212	158,328	0.0581	62.64
30.5	2,737,950	111,035	0.0406	59.00
31.5	2,350,835	28,798	0.0122	56.61



# Florida Power & Light Company

## Actuarial Analysis

### Account 367.7 -- UNDERGROUND CONDUCTORS - DIRECT BURIED COMPANY COMPOSITE

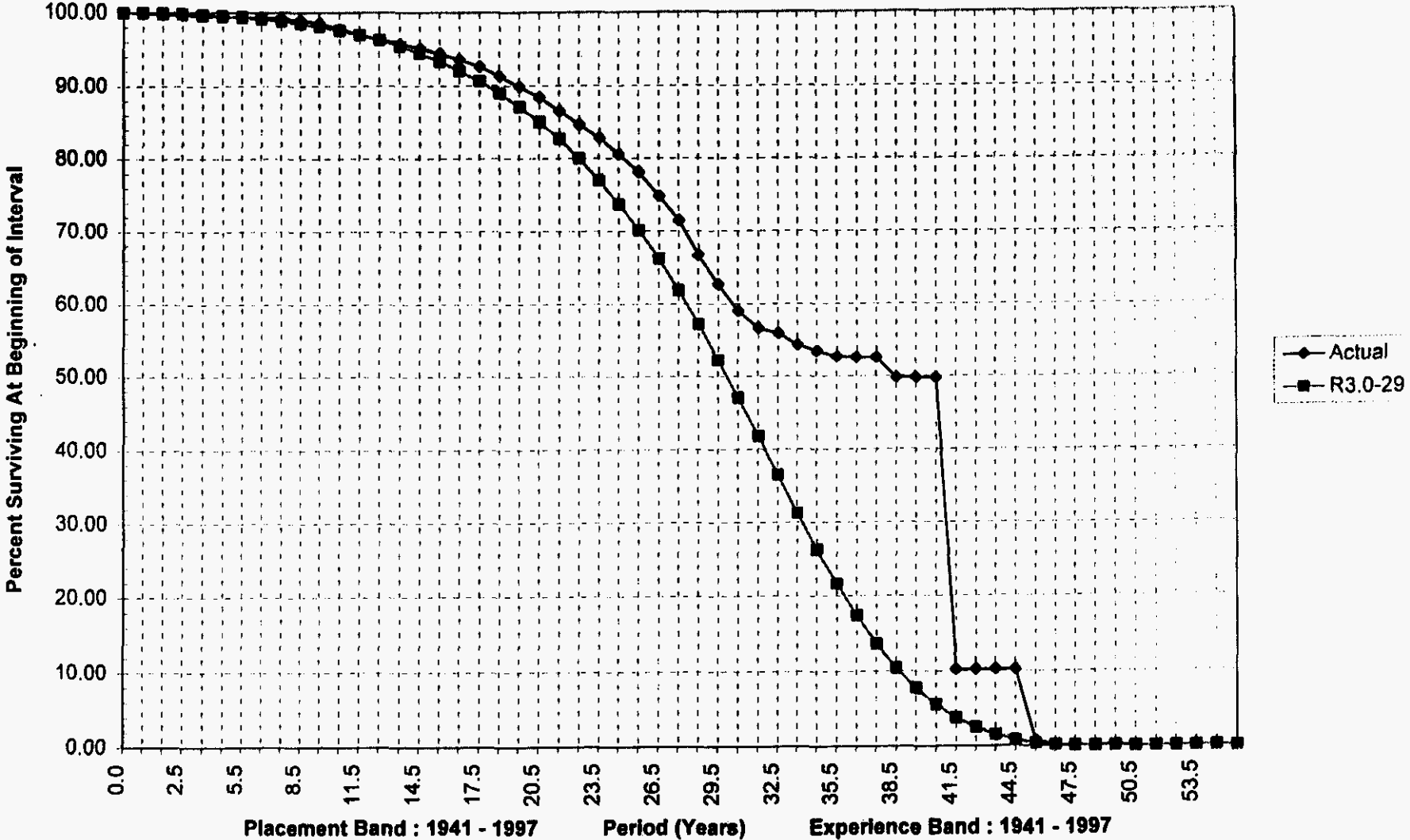
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 14.92

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	2,315,527	67,705	0.0292	55.91
33.5	1,657,381	26,181	0.0158	54.28
34.5	1,331,237	18,249	0.0137	53.42
35.5	1,023,163	2,574	0.0025	52.69
36.5	795,118	-	0.0000	52.56
37.5	2,918	157	0.0539	52.56
38.5	2,760	-	0.0000	49.72
39.5	2,760	-	0.0000	49.72
40.5	13,475	10,715	0.7951	49.72
41.5	2,760	-	0.0000	10.19
42.5	-	-	0.0000	10.19
43.5	-	-	0.0000	10.19
44.5	99	91	0.9284	10.19
45.5	115	108	0.9388	0.73
46.5	-	-	0.0000	0.04
47.5	6,239	2,648	0.4245	0.04
48.5	3,590	1,172	0.3265	0.03
49.5	2,418	755	0.3124	0.02
50.5	1,663	-	0.0000	0.01
51.5	1,663	-	0.0000	0.01
52.5	1,663	-	0.0000	0.01
53.5	1,663	755	0.4544	0.01
54.5	907	-	0.0000	0.01
55.5	907	108	0.1190	0.01
56.5				0.01
<b>Total</b>	5,469,672,878	26,892,355		

# Account 367.7 -- UNDERGROUND CONDUCTORS - DIRECT BURIED



# Florida Power & Light Company

## Indicated Survivor Method

### Account 367.7 -- UNDERGROUND CONDUCTORS - DIRECT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R3  
Average Service Life..... 29.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	4,390,412	100.00	4,390,412	28.51	125,170,646
1996	7,759,893	98.89	7,673,612	27.53	211,254,538
1995	6,536,462	96.43	6,302,852	26.55	167,340,721
1994	6,793,272	93.06	6,321,822	25.58	161,712,207
1993	6,416,636	99.45	6,381,594	24.62	157,114,844
1992	5,181,657	99.82	5,172,131	23.66	122,372,619
1991	6,934,328	100.00	6,934,328	22.72	157,547,932
1990	7,976,898	99.88	7,967,007	21.78	173,521,412
1989	6,547,912	97.98	6,415,850	20.86	133,834,631
1988	3,338,734	99.90	3,335,233	19.95	66,537,898
1987	5,013,377	100.00	5,013,377	19.05	95,504,832
1986	10,585,978	99.33	10,515,295	18.16	190,957,757
1985	22,599,624	98.97	22,367,893	17.29	386,740,870
1984	30,527,350	96.20	29,367,205	16.44	482,796,850
1983	24,018,526	95.39	22,911,181	15.60	357,414,424
1982	18,886,993	94.75	17,894,723	14.78	264,484,006
1981	24,355,551	96.20	23,429,658	13.98	327,546,619
1980	46,131,394	94.56	43,623,965	13.19	575,400,098
1979	16,751,437	93.08	15,592,048	12.43	193,809,157
1978	12,046,790	92.06	11,089,783	11.68	129,528,665
1977	11,640,109	89.59	10,428,879	10.96	114,300,514
1976	9,606,666	87.22	8,379,075	10.25	85,885,519
1975	14,101,569	84.80	11,958,627	9.57	114,444,060
1974	10,892,070	80.38	8,755,161	8.92	78,096,036
1973	11,804,558	74.93	8,845,469	8.30	73,417,393
1972	3,429,963	82.76	2,838,760	7.70	21,858,452
1971	3,892,401	70.85	2,757,696	7.13	19,662,372
1970	6,430,701	77.30	4,970,847	6.60	32,807,590
1969	792,922	86.45	685,494	6.10	4,181,513
1968	1,654,476	29.86	494,106	5.63	2,781,817
1967	931,264	66.50	619,293	5.19	3,214,131
1966	674,025	40.33	271,848	4.79	1,302,152
1965	1,550,396	0.42	6,510	4.42	28,774

# Florida Power & Light Company

## Indicated Survivor Method

### Account 367.7 – UNDERGROUND CONDUCTORS - DIRECT BURIED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R3

Average Service Life..... 29.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	632,288	94.97	600,489	4.07	2,443,990
1963	452,631	66.27	299,963	3.75	1,124,861
1962	411,208	69.72	286,714	3.45	989,163
1961	299,481	75.29	225,471	3.17	714,743
1960	794,725	99.70	792,358	2.90	2,297,838
1959	45	0.00	0	2.64	0
1958	569	0.00	0	2.38	0
1955	10,048	27.47	2,760	1.62	4,471
1952	157	0.00	0	0.91	0
1948	10,715	0.00	0	0.00	0
1944	91	0.00	0	0.00	0
1943	108	0.00	0	0.00	0
1941	6,239	12.81	799	0.00	0
<b>Balances</b>	<b>352,812,649</b>		<b>325,920,288</b>	<b>15.46</b>	<b>5,040,146,115</b>

**Average Age of Survivors = 15.10 Years**

ACCOUNT 368.0 - LINE TRANSFORMERS

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a good fit to an L2.0-31 curve through age interval 37.5, which represents approximately 99.1% of the account's total exposures. The curve and average service life proposed by the Company results in an average remaining life of 22 years.

Of particular note, in October, 1997, \$37.4 million of plant and \$9.8 million of related reserve was transferred into this account from Account 362.0. The investment and reserve transfer was associated with distribution regulators. The database and summary schedules used in this depreciation study were adjusted to reflect this transfer. The overall influence that this transfer may have on the life and dispersion characteristics of the accounts may not be apparent for many years to come, but will most likely be negligible.

Because of increased removal costs, a change in net salvage from the current negative 15% to negative 25% is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 368.0 -- LINE TRANSFORMERS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 19.41

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	1,160,272,046	390,147	0.0003	100.00
0.5	1,114,279,685	1,216,785	0.0011	99.97
1.5	1,067,400,819	1,454,639	0.0014	99.86
2.5	1,020,921,017	1,384,270	0.0014	99.72
3.5	976,929,167	2,097,115	0.0021	99.59
4.5	943,750,335	2,649,752	0.0028	99.37
5.5	887,051,468	2,867,699	0.0032	99.09
6.5	831,873,135	3,699,024	0.0044	98.77
7.5	761,010,671	4,379,721	0.0058	98.33
8.5	690,227,990	4,936,511	0.0072	97.77
9.5	624,496,645	4,916,681	0.0079	97.07
10.5	566,552,474	4,991,390	0.0088	96.30
11.5	509,046,956	5,108,927	0.0100	95.46
12.5	458,366,173	5,187,819	0.0113	94.50
13.5	396,708,564	5,143,828	0.0130	93.43
14.5	356,408,962	5,432,903	0.0152	92.22
15.5	321,821,581	6,137,895	0.0191	90.81
16.5	277,547,695	5,621,337	0.0203	89.08
17.5	247,256,759	6,665,524	0.0270	87.27
18.5	215,255,037	7,239,752	0.0336	84.92
19.5	185,664,634	6,860,114	0.0369	82.07
20.5	167,542,519	7,270,416	0.0434	79.03
21.5	155,313,509	7,894,616	0.0508	75.60
22.5	142,513,950	7,665,825	0.0538	71.76
23.5	120,837,393	7,624,935	0.0631	67.90
24.5	106,128,310	5,484,783	0.0517	63.62
25.5	93,832,922	4,785,078	0.0510	60.33
26.5	82,998,717	4,161,979	0.0501	57.25
27.5	72,015,350	3,977,623	0.0552	54.38
28.5	62,417,790	3,559,091	0.0570	51.38
29.5	53,803,200	3,312,872	0.0616	48.45
30.5	46,020,217	2,703,080	0.0587	45.46
31.5	40,144,875	2,475,761	0.0617	42.79

# Florida Power & Light Company

## Actuarial Analysis

### Account 368.0 – LINE TRANSFORMERS COMPANY COMPOSITE

Placement Band: 1941-1997

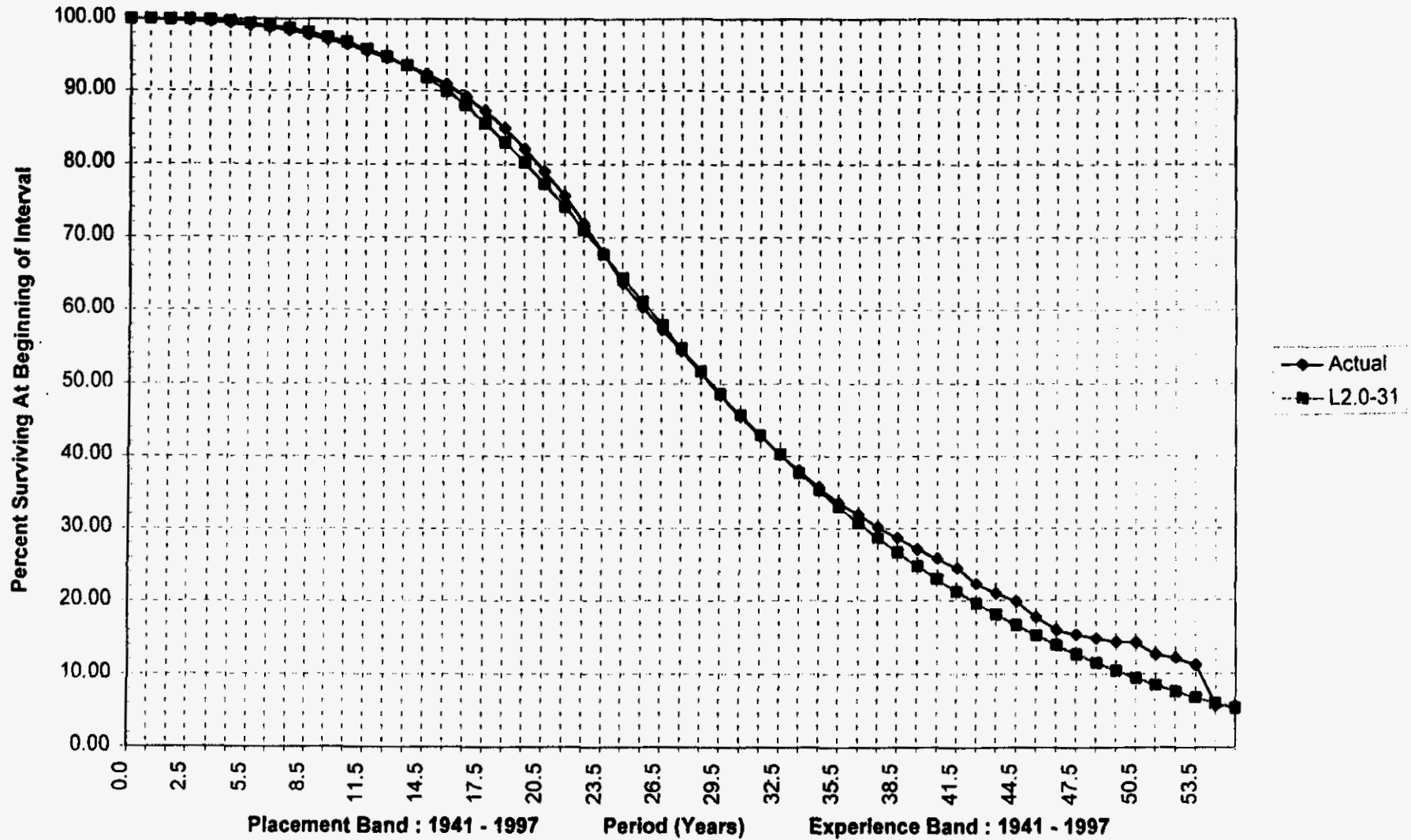
Experience Band: 1941-1997

Average Age of Retirements: 19.41

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	34,550,551	1,902,265	0.0551	40.16
33.5	30,259,965	1,874,182	0.0619	37.94
34.5	25,894,172	1,506,291	0.0582	35.59
35.5	22,598,397	1,110,184	0.0491	33.52
36.5	19,703,522	1,075,157	0.0546	31.88
37.5	17,166,821	842,433	0.0491	30.14
38.5	14,446,943	827,583	0.0573	28.66
39.5	12,016,945	572,407	0.0476	27.02
40.5	9,341,729	469,099	0.0502	25.73
41.5	7,483,280	670,358	0.0896	24.44
42.5	5,612,933	335,825	0.0598	22.25
43.5	4,303,741	227,522	0.0529	20.92
44.5	3,613,949	394,510	0.1092	19.81
45.5	2,602,536	254,289	0.0977	17.65
46.5	2,074,259	80,576	0.0388	15.92
47.5	1,744,252	67,053	0.0384	15.31
48.5	1,487,947	46,242	0.0311	14.72
49.5	1,098,029	7,735	0.0070	14.26
50.5	920,622	104,252	0.1132	14.16
51.5	625,156	25,748	0.0412	12.56
52.5	570,726	44,277	0.0776	12.04
53.5	522,261	256,045	0.4903	11.11
54.5	258,997	7,870	0.0304	5.66
55.5	247,527	9,207	0.0372	5.49
56.5				5.28
<b>Total</b>	14,975,555,825	162,009,002		

# Account 368.0 -- LINE TRANSFORMERS

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 368.0 -- LINE TRANSFORMERS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L2  
Average Service Life..... 31.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	48,581,805	99.99	48,579,040	30.50	1,481,660,720
1996	50,430,308	99.77	50,312,711	29.50	1,484,224,975
1995	45,372,644	99.70	45,234,743	28.52	1,290,094,870
1994	43,948,785	98.84	43,439,801	27.54	1,196,332,120
1993	36,338,408	99.57	36,180,537	26.59	962,040,479
1992	60,121,235	99.11	59,588,436	25.65	1,528,443,383
1991	58,257,640	98.37	57,306,475	24.74	1,417,762,192
1990	70,421,483	99.10	69,789,379	23.85	1,664,476,689
1989	70,286,121	98.91	69,520,680	22.97	1,596,890,020
1988	63,618,631	98.14	62,437,684	22.12	1,381,121,570
1987	56,357,372	97.58	54,996,304	21.29	1,170,871,312
1986	54,796,028	97.91	53,648,200	20.49	1,099,251,618
1985	47,187,883	98.35	46,409,758	19.72	915,200,428
1984	59,498,016	96.44	57,377,547	18.98	1,089,025,842
1983	38,980,701	96.57	37,643,401	18.29	688,497,804
1982	32,584,311	96.57	31,467,068	17.65	555,393,750
1981	40,147,970	97.73	39,238,178	17.06	669,403,317
1980	26,841,372	95.13	25,533,798	16.51	421,563,005
1979	26,233,723	97.78	25,651,683	16.01	410,683,445
1978	23,337,210	96.69	22,564,396	15.55	350,876,358
1977	12,455,904	95.91	11,945,892	15.13	180,741,346
1976	6,963,654	82.07	5,715,365	14.75	84,301,634
1975	8,090,844	82.84	6,702,382	14.39	96,447,277
1974	30,407,640	51.01	15,511,309	14.06	218,089,005
1973	20,396,798	40.70	8,300,606	13.75	114,133,333
1972	16,111,931	50.26	8,097,390	13.46	108,990,869
1971	16,933,239	43.29	7,331,240	13.19	96,699,056
1970	17,919,672	47.22	8,462,421	12.93	109,419,104
1969	11,332,945	57.42	6,507,690	12.68	82,517,509
1968	13,021,549	41.92	5,458,684	12.43	67,851,442
1967	10,353,390	48.45	5,015,943	12.19	61,144,345
1966	7,528,464	47.47	3,573,490	11.95	42,703,206
1965	6,898,615	49.74	3,431,512	11.71	40,183,006

# Florida Power & Light Company

## Indicated Survivor Method

### Account 368.0 -- LINE TRANSFORMERS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L2  
Average Service Life..... 31.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	5,965,203	43.80	2,612,999	11.47	29,971,099
1963	6,227,882	44.07	2,744,420	11.23	30,819,837
1962	5,210,038	38.65	2,013,652	10.99	22,130,035
1961	3,563,647	52.53	1,871,888	10.74	20,104,077
1960	5,077,350	33.32	1,691,656	10.49	17,745,471
1959	6,244,564	32.86	2,052,255	10.24	21,015,091
1958	6,776,041	25.13	1,702,811	9.99	17,011,082
1957	7,947,462	26.72	2,123,483	9.74	20,682,724
1956	6,461,939	22.75	1,469,849	9.49	13,948,867
1955	5,504,252	22.19	1,221,517	9.24	11,286,817
1954	4,146,328	24.23	1,004,495	8.99	9,030,410
1953	4,273,809	13.03	556,933	8.74	4,867,594
1952	2,504,076	27.03	676,855	8.49	5,746,499
1951	2,567,785	10.90	279,777	8.24	2,305,362
1950	1,967,057	13.17	259,071	8.00	2,072,568
1949	1,871,047	10.01	187,280	7.76	1,453,293
1948	2,323,126	14.96	347,584	7.52	2,613,832
1947	2,357,908	7.20	169,672	7.29	1,236,909
1946	434,017	44.05	191,169	7.06	1,349,653
1945	96,432	29.74	28,682	6.83	195,898
1944	46,007	27.41	12,611	6.61	83,359
1943	63,810	11.31	7,219	6.39	46,129
1942	637,913	0.56	3,599	6.17	22,206
1941	4,426,561	5.38	238,320	5.95	1,418,004
<b>Balances</b>	<b>1,218,450,545</b>		<b>1,056,441,540</b>	<b>21.69</b>	<b>22,914,191,845</b>

**Average Age of Survivors = 11.25 Years**

ACCOUNT 369.1 - OVERHEAD SERVICES

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. The curve shape, R1.0, has not changed from that recommended by the Company in the last two depreciation studies. However, the average service life for overhead services seems to be increasing to 39 years. Although this life may result in a better mathematical fit, the Company feels that the 36 year life, which is currently approved and is on the upper end of, or may exceed the Florida utility average, should be retained. The dispersion curve and average service life proposed by the Company results in an average remaining life of 26 years. No change in net salvage from the current negative 60% is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 369.1 – OVERHEAD SERVICES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 16.30

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	120,182,037	46,641	0.0004	100.00
0.5	128,425,936	196,235	0.0015	99.96
1.5	123,271,195	554,954	0.0045	99.81
2.5	117,126,053	821,486	0.0070	99.36
3.5	110,470,816	861,866	0.0078	98.66
4.5	105,000,711	870,348	0.0083	97.89
5.5	99,953,751	839,070	0.0084	97.08
6.5	93,994,543	880,428	0.0094	96.27
7.5	87,364,597	786,406	0.0090	95.36
8.5	81,204,882	757,125	0.0093	94.51
9.5	75,757,179	746,216	0.0099	93.62
10.5	70,489,671	682,852	0.0097	92.70
11.5	65,601,809	670,710	0.0102	91.80
12.5	60,409,264	643,712	0.0107	90.87
13.5	55,509,622	581,991	0.0105	89.90
14.5	50,846,195	552,721	0.0109	88.96
15.5	46,868,150	524,437	0.0112	87.99
16.5	43,347,767	503,561	0.0116	87.00
17.5	38,954,054	471,790	0.0121	85.99
18.5	36,509,651	466,297	0.0128	84.95
19.5	34,211,894	450,741	0.0132	83.87
20.5	31,990,434	469,482	0.0147	82.76
21.5	30,045,806	432,026	0.0144	81.55
22.5	28,374,847	414,708	0.0146	80.37
23.5	26,595,564	393,004	0.0148	79.20
24.5	24,595,594	399,240	0.0162	78.03
25.5	22,545,905	367,254	0.0163	76.76
26.5	20,862,214	327,847	0.0157	75.51
27.5	19,191,651	292,014	0.0152	74.33
28.5	17,815,032	333,919	0.0187	73.19
29.5	16,420,475	285,895	0.0174	71.82
30.5	15,252,630	268,368	0.0176	70.57
31.5	14,258,602	256,972	0.0180	69.33

# Florida Power & Light Company

## Actuarial Analysis

### Account 369.1 – OVERHEAD SERVICES COMPANY COMPOSITE

Placement Band: 1941-1997

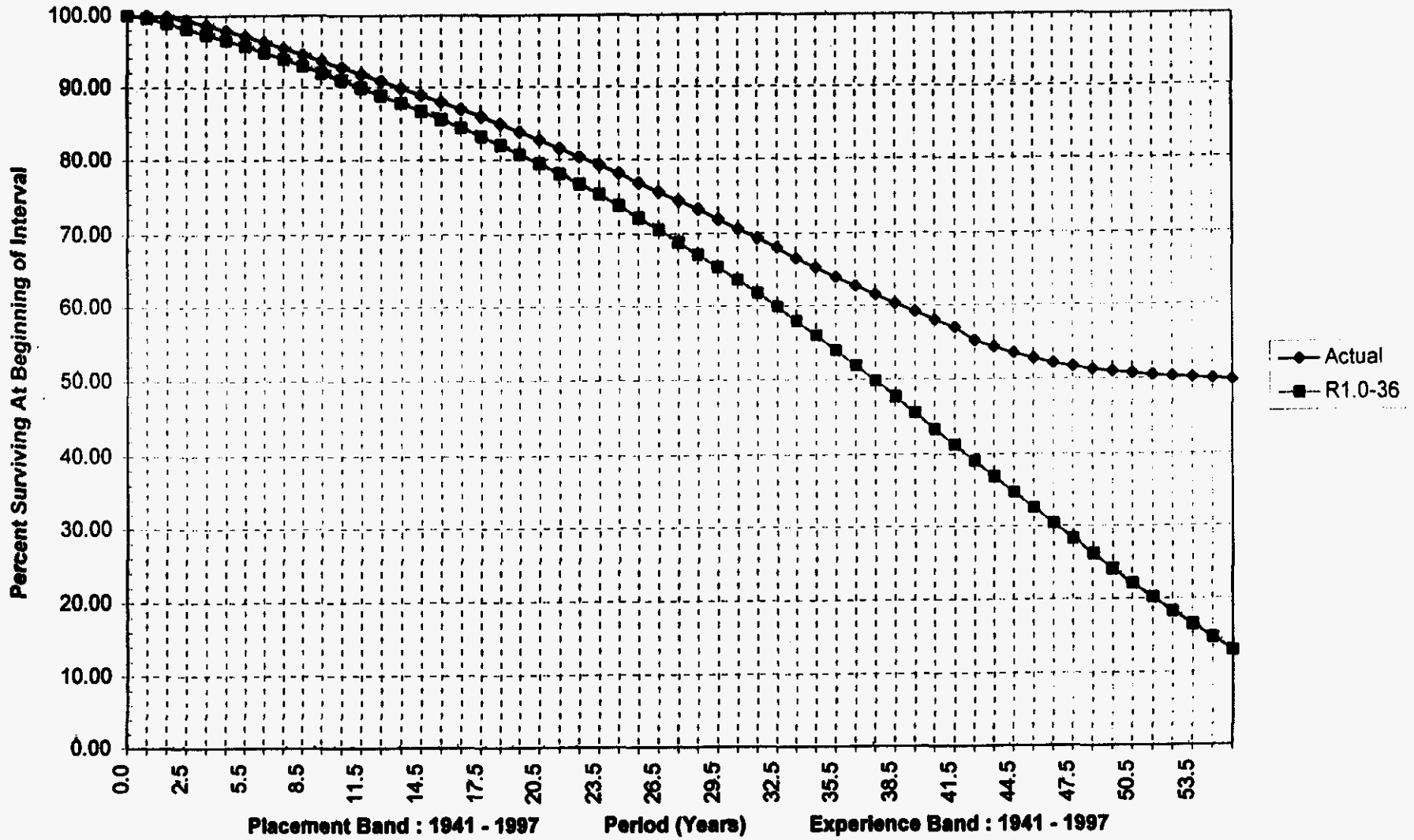
Experience Band: 1941-1997

Average Age of Retirements: 16.30

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	13,318,051	291,544	0.0219	68.08
33.5	12,303,920	243,066	0.0198	66.59
34.5	11,311,716	230,861	0.0204	65.28
35.5	10,322,265	203,324	0.0197	63.94
36.5	9,421,334	186,784	0.0198	62.68
37.5	8,517,519	166,390	0.0195	61.44
38.5	7,571,207	142,794	0.0189	60.24
39.5	6,540,913	120,878	0.0185	59.10
40.5	5,536,652	101,700	0.0184	58.01
41.5	4,643,882	143,674	0.0309	56.95
42.5	3,761,324	59,287	0.0158	55.18
43.5	3,137,403	48,278	0.0154	54.31
44.5	2,533,679	34,599	0.0137	53.48
45.5	1,915,860	23,689	0.0124	52.75
46.5	1,452,268	12,958	0.0089	52.10
47.5	1,008,368	7,625	0.0076	51.63
48.5	579,207	3,520	0.0061	51.24
49.5	398,436	2,011	0.0050	50.93
50.5	263,054	1,293	0.0049	50.67
51.5	211,294	753	0.0036	50.42
52.5	189,977	720	0.0038	50.24
53.5	184,054	603	0.0033	50.05
54.5	173,034	480	0.0028	49.89
55.5	142,215	322	0.0023	49.75
56.5				49.64
<b>Total</b>	2,018,886,163	19,177,469		

# Account 369.1 -- OVERHEAD SERVICES

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# Florida Power & Light Company

## Indicated Survivor Method

### Account 369.1 – OVERHEAD SERVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R1

Average Service Life..... 36.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	2,283,152	100.00	2,283,152	35.63	81,348,706
1996	4,110,639	100.00	4,110,639	34.89	143,420,195
1995	4,360,541	100.00	4,360,541	34.16	148,956,081
1994	5,061,733	100.00	5,061,733	33.44	169,264,352
1993	4,591,279	100.00	4,591,279	32.72	150,226,649
1992	4,197,409	100.00	4,197,409	32.01	134,359,062
1991	5,127,589	100.00	5,127,589	31.30	160,493,536
1990	5,609,527	100.00	5,609,527	30.60	171,651,526
1989	5,364,675	98.77	5,298,565	29.90	158,427,094
1988	4,941,668	95.66	4,727,319	29.20	138,037,715
1987	4,798,850	94.15	4,518,281	28.52	128,861,374
1986	4,467,004	94.00	4,199,186	27.83	116,863,346
1985	5,064,769	89.21	4,518,184	27.15	122,668,696
1984	4,789,840	88.40	4,234,163	26.48	112,120,636
1983	4,227,344	86.48	3,655,992	25.80	94,324,594
1982	3,612,940	88.25	3,188,363	25.14	80,155,446
1981	3,662,288	80.55	2,949,876	24.48	72,212,964
1980	5,272,982	73.74	3,888,089	23.82	92,614,280
1979	2,586,873	75.99	1,965,855	23.17	45,548,860
1978	2,359,768	77.44	1,827,472	22.53	41,172,944
1977	2,168,830	81.47	1,766,953	21.90	38,696,271
1976	1,772,247	83.38	1,477,635	21.27	31,429,296
1975	1,429,746	86.62	1,238,408	20.66	25,585,509
1974	1,580,842	86.31	1,364,445	20.05	27,357,122
1973	1,864,072	86.20	1,606,858	19.45	31,253,388
1972	1,928,407	85.59	1,650,437	18.86	31,127,242
1971	1,577,447	83.45	1,316,378	18.27	24,050,226
1970	1,556,200	86.25	1,342,211	17.70	23,757,135
1969	1,235,289	87.80	1,084,572	17.14	18,589,564
1968	1,307,646	81.10	1,060,510	16.58	17,583,256
1967	1,115,408	78.84	879,412	16.04	14,105,768
1966	930,520	78.20	727,684	15.51	11,286,379
1965	892,242	76.61	683,579	14.98	10,240,013

# Florida Power & Light Company

## Indicated Survivor Method

### Account 369.1 – OVERHEAD SERVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R1  
Average Service Life..... 36.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	971,318	74.38	722,434	14.47	10,453,620
1963	1,038,010	72.08	748,245	13.96	10,445,500
1962	1,057,963	71.70	758,591	13.47	10,218,221
1961	1,005,755	69.36	697,576	12.98	9,054,536
1960	1,090,899	65.73	717,015	12.51	8,969,858
1959	1,231,195	63.35	779,922	12.04	9,390,261
1958	1,445,185	61.37	886,868	11.58	10,269,931
1957	1,488,119	59.36	883,310	11.13	9,831,240
1956	1,391,207	56.85	790,846	10.69	8,454,144
1955	1,353,600	54.58	738,822	10.26	7,580,314
1954	1,087,565	51.92	564,614	9.83	5,550,156
1953	1,138,864	48.77	555,396	9.42	5,231,830
1952	1,239,204	47.06	583,167	9.01	5,254,335
1951	988,039	44.52	439,916	8.61	3,787,677
1950	993,490	43.38	430,930	8.22	3,542,245
1949	1,110,529	37.96	421,537	7.84	3,304,850
1948	474,720	37.34	177,242	7.46	1,322,225
1947	352,437	37.84	133,361	7.09	945,529
1946	138,394	36.47	50,467	6.73	339,643
1945	57,746	32.49	18,759	6.38	119,682
1944	15,940	32.64	5,203	6.03	31,374
1943	37,452	27.81	10,417	5.69	59,273
1942	98,793	30.71	30,339	5.35	162,314
1941	1,320,447	10.75	141,894	5.02	712,308
<b>Balances</b>	126,976,637		107,799,167	25.91	2,792,820,291

**Average Age of Survivors = 15.05 Years**



ACCOUNT 369.7 - UNDERGROUND SERVICES

This account was analyzed using actuarial and simulated plant record analysis techniques. A good match to Iowa-type curves was not found for this account using either method.

The majority of underground services are direct buried and the related equipment is subject to a more harsh environment than if placed overhead. The difference in environment would tend to give this account a somewhat shorter average service life than the overhead account.

It is the Company's recommendation that the curve type and average service life (R2.0-34) approved by Staff and in use since the 1987 depreciation study be maintained until sufficient experience is gained to allow further analysis. Maintaining the dispersion curve and average service life currently in effect results in an average remaining life of 26 years. No change in net salvage from the current negative 10% is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 369.7 -- UNDERGROUND SERVICES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 7.47

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	298,828,740	-	0.0000	100.00
0.5	328,255,369	33,238	0.0001	100.00
1.5	307,802,524	340,749	0.0011	99.99
2.5	284,675,949	683,590	0.0024	99.88
3.5	260,940,720	864,010	0.0033	99.64
4.5	239,978,402	936,479	0.0039	99.31
5.5	221,551,869	1,255,449	0.0057	98.92
6.5	202,792,760	1,584,571	0.0078	98.36
7.5	180,807,333	1,491,660	0.0082	97.59
8.5	156,714,502	1,442,084	0.0092	96.79
9.5	136,613,156	1,322,853	0.0097	95.90
10.5	120,473,662	717,306	0.0060	94.97
11.5	107,174,183	303,096	0.0028	94.40
12.5	94,676,300	102,429	0.0011	94.14
13.5	81,327,700	77,367	0.0010	94.03
14.5	70,765,254	(3,861)	-0.0001	93.94
15.5	64,427,496	11,932	0.0002	93.95
16.5	50,844,520	29,900	0.0006	93.93
17.5	30,742,932	27,917	0.0009	93.88
18.5	23,924,739	23,584	0.0010	93.79
19.5	18,902,908	19,628	0.0010	93.70
20.5	15,620,059	10,561	0.0007	93.60
21.5	13,364,931	7,837	0.0006	93.54
22.5	10,629,293	7,566	0.0007	93.48
23.5	7,578,996	3,917	0.0005	93.42
24.5	4,277,846	2,851	0.0007	93.37
25.5	2,557,215	2,000	0.0008	93.31
26.5	1,792,425	773	0.0004	93.23
27.5	1,053,213	508	0.0005	93.19
28.5	769,962	202	0.0003	93.15
29.5	295,129	-	0.0000	93.12
30.5	43,973	611	0.0139	93.12
31.5	1,644	-	0.0000	91.83

**Florida Power & Light Company**

**Actuarial Analysis**

**Account 369.7 -- UNDERGROUND SERVICES  
COMPANY COMPOSITE**

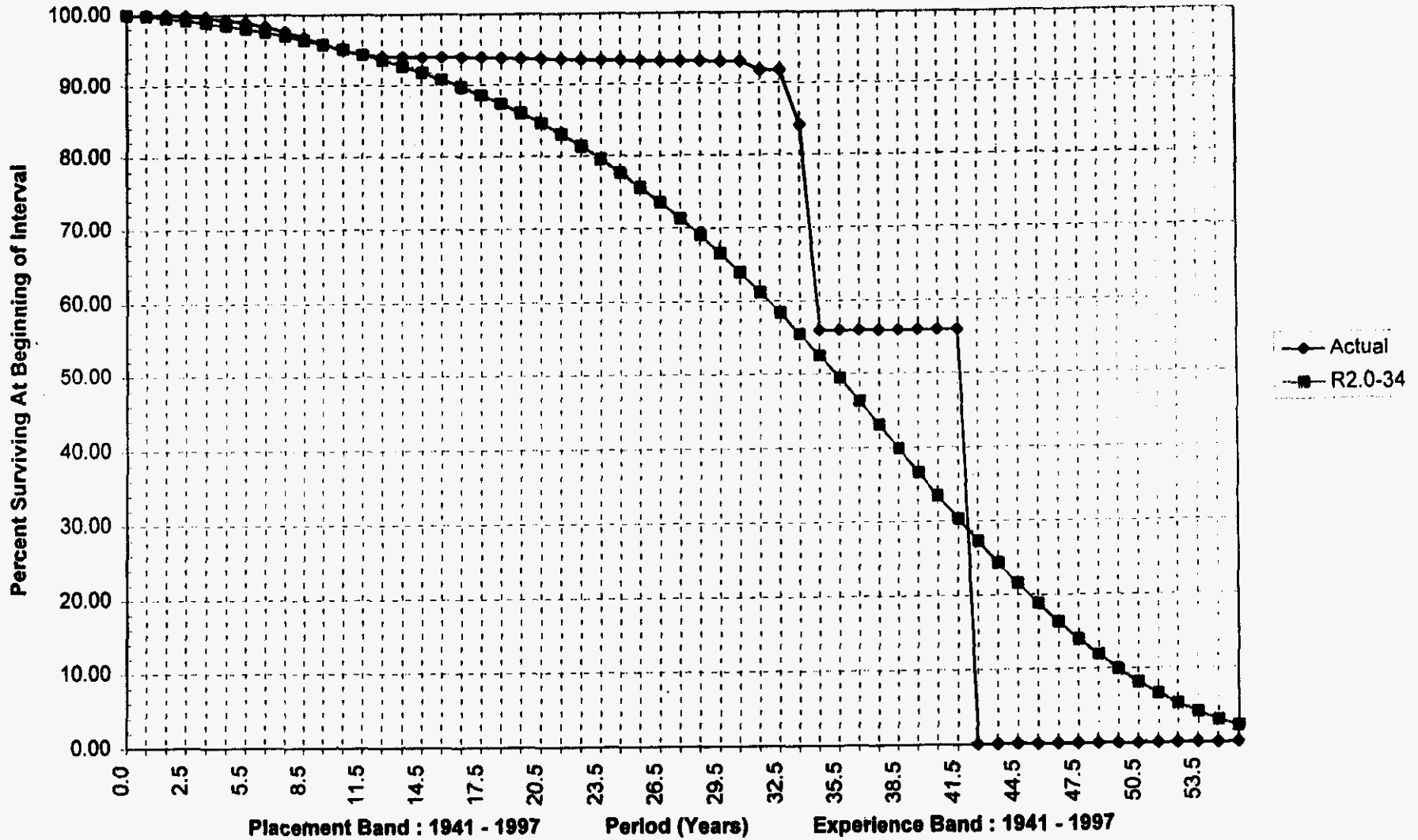
**Placement Band: 1941-1997      Experience Band: 1941-1997**

**Average Age of Retirements: 7.47**

<b>Age At Beginning Of Interval</b>	<b>Exposures At Beginning Of Age Interval</b>	<b>Retirements During Age Interval</b>	<b>Retirement Ratio</b>	<b>Percent Surviving At Beginning Of Age Interval</b>
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	1,796	153	0.0851	91.83
33.5	2,469	826	0.3344	84.02
34.5	45	-	0.0000	55.93
35.5	45	-	0.0000	55.93
36.5	45	-	0.0000	55.93
37.5	45	-	0.0000	55.93
38.5	-	-	0.0000	55.93
39.5	-	-	0.0000	55.93
40.5	-	-	0.0000	55.93
41.5	61	61	1.0000	55.93
42.5	-	-	0.0000	0.00
43.5 - 56.5	-	-		0.00
<b>Total</b>	<b>3,340,210,210</b>	<b>11,301,847</b>		

# Account 369.7 -- UNDERGROUND SERVICES

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# Florida Power & Light Company

## Indicated Survivor Method

### Account 369.7 -- UNDERGROUND SERVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2  
Average Service Life..... 34.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	13,293,988	100.00	13,293,988	33.55	446,013,297
1996	22,281,943	100.00	22,281,943	32.65	727,505,439
1995	22,890,667	100.00	22,890,667	31.76	727,007,584
1994	22,076,376	100.00	22,076,376	30.87	681,497,727
1993	19,210,870	100.00	19,210,870	30.00	576,326,100
1992	16,693,027	100.00	16,693,027	29.13	486,267,877
1991	17,282,004	100.00	17,282,004	28.27	488,562,253
1990	20,513,143	100.00	20,513,143	27.42	562,470,381
1989	23,019,928	98.46	22,664,423	26.58	602,420,363
1988	20,186,621	92.36	18,645,119	25.75	480,111,814
1987	16,357,282	90.53	14,808,475	24.93	369,175,282
1986	14,293,823	87.95	12,571,609	24.13	303,352,925
1985	13,824,660	88.28	12,204,571	23.33	284,732,641
1984	14,566,301	94.83	13,813,678	22.54	311,360,302
1983	11,452,052	94.07	10,773,028	21.76	234,421,089
1982	6,879,143	90.94	6,255,855	21.00	131,372,955
1981	14,278,797	94.68	13,518,836	20.25	273,756,429
1980	20,950,511	95.81	20,073,485	19.51	391,633,692
1979	7,108,544	95.57	6,793,627	18.78	127,584,315
1978	5,207,256	96.06	5,002,043	18.07	90,386,917
1977	3,381,509	96.55	3,264,818	17.36	56,677,240
1976	2,281,497	98.40	2,244,958	16.68	37,445,899
1975	2,775,973	98.25	2,727,525	16.00	43,640,400
1974	3,092,724	98.38	3,042,776	15.35	46,706,612
1973	3,341,744	98.66	3,297,049	14.70	48,466,620
1972	1,735,235	98.99	1,717,781	14.08	24,186,356
1971	771,854	98.83	762,790	13.46	10,267,153
1970	751,497	98.49	740,138	12.87	9,525,576
1969	287,676	98.60	283,642	12.29	3,485,960
1968	436,875	108.62	474,540	11.73	5,566,354
1967	235,914	105.68	249,323	11.18	2,787,431
1966	45,593	91.50	41,718	10.65	444,297
1965	3,452	0.00	0	10.14	0

# Florida Power & Light Company

## Indicated Survivor Method

### Account 369.7 -- UNDERGROUND SERVICES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2  
Average Service Life..... 34.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	3,351	0.00	0	9.65	0
1963	3,634	43.97	1,598	9.18	14,670
1962	(3)	0.00	0	8.72	0
1959	45	100.00	45	7.45	335
1955	153	0.00	0	5.97	0
1952	611	0.00	0	5.00	0
1950	153	0.00	0	4.39	0
1949	826	0.00	0	4.09	0
1941	61	0.00	0	1.80	0
<b>Balances</b>	<b>341,517,310</b>		<b>330,215,468</b>	<b>26.00</b>	<b>8,585,174,285</b>

**Average Age of Survivors = 9.46 Years**

ACCOUNT 370.0 - METERS

The account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a good fit to an R3.0-30 curve through age interval 29.5, which represents 97.8% of the account's total exposures. The curve and average service life recommended results in an 17.8 year average remaining life. The Company also recommends a change in net salvage from the 5% currently approved, to 0%.

# Florida Power & Light Company

## Actuarial Analysis

### Account 370.0 – METERS INSTALLED COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 21.87

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	359,653,925	47,492	0.0001	100.00
0.5	358,475,736	84,056	0.0002	99.99
1.5	349,818,298	99,954	0.0003	99.96
2.5	339,364,118	102,392	0.0003	99.93
3.5	326,452,130	57,610	0.0002	99.90
4.5	315,495,877	72,231	0.0002	99.89
5.5	301,159,795	295,922	0.0010	99.86
6.5	291,899,265	297,331	0.0010	99.77
7.5	277,539,345	960,226	0.0035	99.66
8.5	262,636,948	628,882	0.0024	99.32
9.5	245,582,476	996,108	0.0041	99.08
10.5	226,877,450	2,568,970	0.0113	98.68
11.5	206,072,190	1,404,578	0.0068	97.56
12.5	189,118,160	1,156,229	0.0061	96.90
13.5	173,719,389	1,239,247	0.0071	96.31
14.5	160,331,075	1,046,391	0.0065	95.62
15.5	149,964,293	1,345,229	0.0090	94.99
16.5	135,863,038	1,804,944	0.0133	94.14
17.5	115,316,012	1,743,280	0.0151	92.89
18.5	103,536,387	1,834,008	0.0177	91.49
19.5	91,778,748	2,005,247	0.0218	89.87
20.5	81,433,866	2,367,848	0.0291	87.90
21.5	74,462,482	2,109,451	0.0283	85.35
22.5	67,124,582	1,513,036	0.0225	82.93
23.5	57,820,809	2,363,424	0.0409	81.06
24.5	50,405,836	2,426,176	0.0481	77.75
25.5	43,021,535	3,173,141	0.0738	74.00
26.5	35,498,209	1,785,147	0.0503	68.55
27.5	29,843,796	1,627,032	0.0545	65.10
28.5	25,644,414	1,055,746	0.0412	61.55
29.5	22,532,146	373,447	0.0166	59.02
30.5	20,669,423	418,603	0.0203	58.04
31.5	18,915,667	1,417,834	0.0750	56.86



# Florida Power & Light Company

## Actuarial Analysis

### Account 370.0 -- METERS INSTALLED COMPANY COMPOSITE

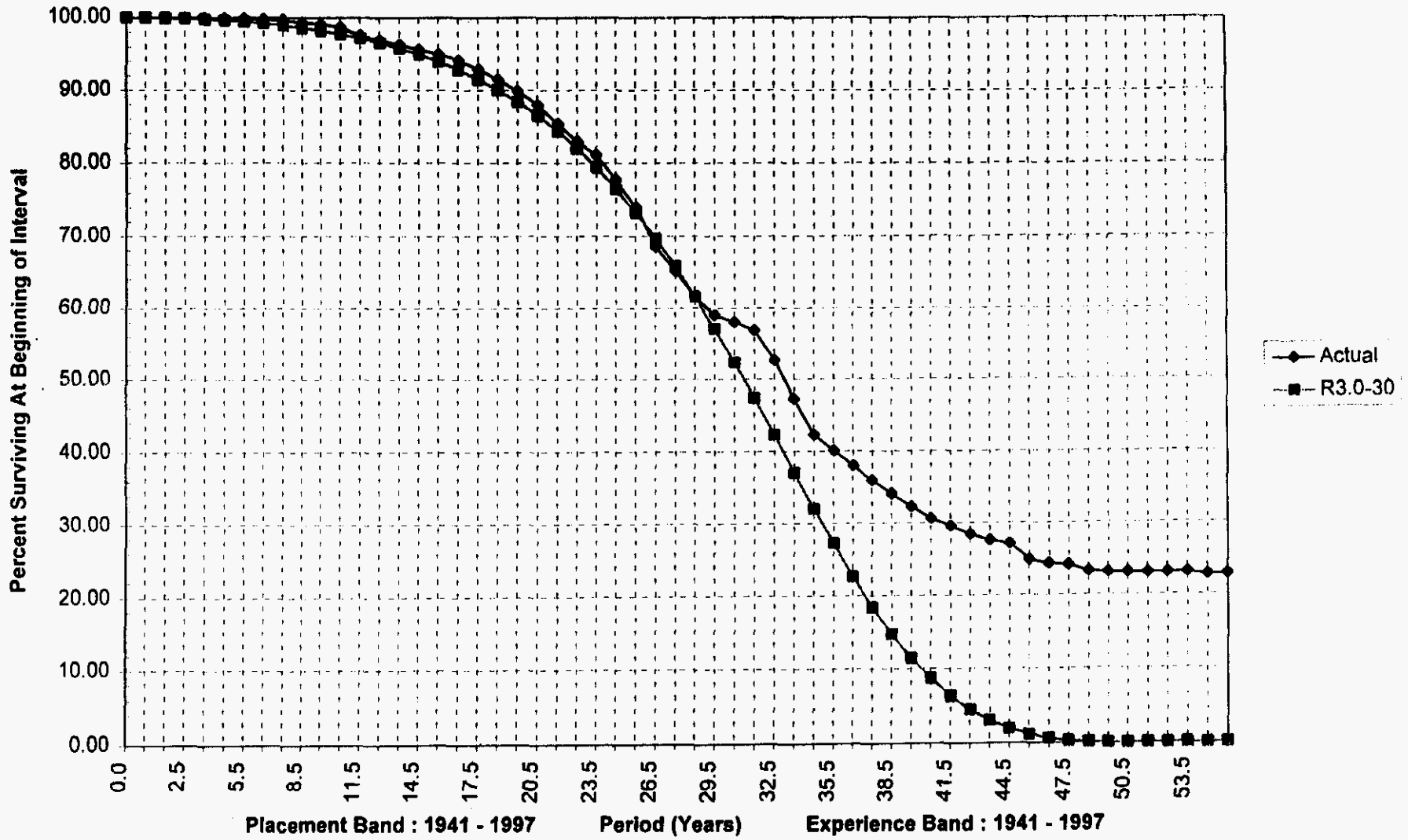
Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 21.87

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	16,295,184	1,657,793	0.1017	52.60
33.5	13,530,825	1,442,803	0.1066	47.25
34.5	11,053,824	560,215	0.0507	42.21
35.5	9,533,480	493,022	0.0517	40.07
36.5	8,004,020	431,817	0.0539	38.00
37.5	6,621,003	345,748	0.0522	35.95
38.5	5,309,834	283,713	0.0534	34.07
39.5	4,210,165	221,532	0.0526	32.25
40.5	3,190,214	110,092	0.0345	30.55
41.5	2,400,464	96,763	0.0403	29.50
42.5	1,738,113	51,113	0.0294	28.31
43.5	1,333,359	22,233	0.0167	27.48
44.5	934,602	78,265	0.0837	27.02
45.5	612,209	13,900	0.0227	24.76
46.5	435,133	3,048	0.0070	24.20
47.5	264,716	9,556	0.0361	24.03
48.5	146,161	1,000	0.0068	23.16
49.5	89,902	-	0.0000	23.00
50.5	89,902	244	0.0027	23.00
51.5	42,571	-	0.0000	22.94
52.5	20,025	-	0.0000	22.94
53.5	15,668	195	0.0125	22.94
54.5	-	-	0.0000	22.65
55.5	-	-	0.0000	22.65
56.5	-	-	-	22.65
<b>Total</b>	<b>5,593,898,794</b>	<b>46,244,264</b>		

# Account 370.0 -- METERS INSTALLED



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 370.0 -- METERS INSTALLED COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R3

Average Service Life..... 30.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	7,861,364	100.00	7,861,364	29.51	231,988,852
1996	8,153,778	100.00	8,153,770	28.53	232,627,058
1995	9,672,613	99.97	9,669,436	27.55	266,392,962
1994	12,827,135	99.78	12,799,226	26.58	340,203,427
1993	10,146,424	99.90	10,136,313	25.62	259,692,339
1992	13,536,250	98.52	13,335,299	24.66	328,848,473
1991	7,567,275	99.91	7,560,150	23.71	179,251,157
1990	12,634,118	99.47	12,567,427	22.78	286,285,987
1989	12,901,756	100.00	12,901,756	21.85	281,903,369
1988	17,602,521	97.80	17,215,357	20.93	360,317,422
1987	17,574,566	99.77	17,534,036	20.03	351,206,741
1986	20,713,463	88.29	18,288,805	19.14	350,047,728
1985	16,633,027	93.49	15,549,452	18.26	283,932,994
1984	16,248,789	87.64	14,240,294	17.40	247,781,116
1983	12,771,409	95.12	12,148,072	16.56	201,172,072
1982	9,552,446	97.57	9,319,944	15.73	146,602,719
1981	12,984,452	98.24	12,756,277	14.91	190,196,090
1980	19,098,833	98.13	18,742,083	14.12	264,638,212
1979	10,344,727	97.02	10,036,344	13.34	133,884,829
1978	10,295,465	96.39	9,923,610	12.58	124,839,014
1977	8,872,644	93.99	8,339,635	11.84	98,741,278
1976	4,818,037	95.55	4,603,537	11.12	51,191,331
1975	5,562,376	94.00	5,228,448	10.43	54,532,713
1974	8,601,689	90.59	7,792,247	9.76	76,052,331
1973	5,754,343	87.79	5,051,549	9.11	46,019,611
1972	5,873,990	84.41	4,958,125	8.49	42,094,481
1971	5,145,093	84.46	4,345,561	7.89	34,286,476
1970	4,688,800	82.36	3,861,769	7.33	28,306,767
1969	4,163,418	61.78	2,572,350	6.80	17,491,980
1968	3,265,572	63.00	2,057,176	6.30	12,960,209
1967	2,581,655	57.70	1,489,724	5.83	8,685,091
1966	2,299,498	58.06	1,335,153	5.39	7,196,475
1965	2,163,783	55.58	1,202,649	4.99	6,001,219

## Florida Power & Light Company

Indicated Survivor Method

Account 370.0 – METERS INSTALLED  
COMPANY COMPOSITE

Parameters used for Account :

Survivor Curve..... Iowa Type R3

Average Service Life..... 30.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	2,250,769	49.16	1,106,567	4.61	5,101,274
1963	2,297,782	45.01	1,034,197	4.26	4,405,679
1962	2,442,880	39.30	960,129	3.94	3,782,908
1961	2,052,001	50.51	1,036,438	3.63	3,762,270
1960	2,356,391	40.37	951,200	3.35	3,186,520
1959	2,526,495	38.21	965,422	3.08	2,973,500
1958	2,747,697	29.75	817,328	2.81	2,296,692
1957	2,558,310	31.21	798,420	2.56	2,043,955
1956	2,063,418	32.94	679,657	2.30	1,563,211
1955	1,881,281	30.06	565,588	2.05	1,159,455
1954	1,520,889	23.31	354,479	1.80	638,062
1953	1,452,680	25.92	376,524	1.54	579,847
1952	1,044,365	23.37	244,052	1.30	317,268
1951	1,780,587	9.16	163,176	1.07	174,598
1950	981,923	17.05	167,369	0.84	140,590
1949	848,063	12.85	108,998	0.64	69,759
1948	1,756,777	3.15	55,259	0.51	28,182
1947	1,268,658	0.00	0	0.50	0
1946	154,828	30.41	47,088	0.00	0
1945	48,801	46.20	22,546	0.00	0
1944	8,055	54.09	4,357	0.00	0
1943	46,757	33.09	15,472	0.00	0
1942	275,304	0.00	0	0.00	0
1941	3,019,450	0.00	0	0.00	0
<b>Balances</b>	<b>360,295,470</b>		<b>314,051,204</b>	<b>17.76</b>	<b>5,577,596,293</b>

Average Age of Survivors = 13.85 Years

ACCOUNT 371.0 - INSTALLATIONS ON CUSTOMER'S PREMISES

The investment in this account consists primarily of unmetered outdoor security lighting. The account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in mainly "L" type curves with lives in the 22-plus range. Although these curves better "fit" the data mathematically, the Company does not feel that this type of equipment will experience lives that long.

Instead, the recommendation is to retain the L1.0-15 curve that was approved in the 1994 study, until more retirement experience is gained in this account. Using the proposed curve and average service life results in a 10.0 year average remaining life. No change in net salvage from the currently approved negative 20 percent is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 371.0 – INSTALLATIONS ON CUSTOMER PREMISES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 7.66

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	57,883,937	18,762	0.0003	100.00
0.5	60,469,603	51,428	0.0009	99.97
1.5	54,062,293	1,125,904	0.0208	99.88
2.5	49,872,476	621,338	0.0125	97.80
3.5	45,156,859	830,672	0.0184	96.58
4.5	40,920,860	969,933	0.0237	94.81
5.5	37,403,439	1,096,233	0.0293	92.56
6.5	34,891,569	1,245,110	0.0357	89.85
7.5	29,374,820	1,570,709	0.0535	86.64
8.5	21,969,568	1,419,126	0.0646	82.01
9.5	15,874,933	1,127,882	0.0710	76.71
10.5	10,732,937	621,776	0.0579	71.26
11.5	8,562,971	476,209	0.0556	67.13
12.5	7,023,041	384,090	0.0547	63.40
13.5	5,564,352	284,290	0.0511	59.93
14.5	4,453,832	192,344	0.0432	56.87
15.5	3,166,102	103,237	0.0326	54.41
16.5	2,358,102	68,045	0.0289	52.64
17.5	1,647,874	45,929	0.0279	51.12
18.5	1,356,719	35,560	0.0262	49.70
19.5	1,099,094	23,619	0.0215	48.39
20.5	915,530	20,582	0.0225	47.35
21.5	625,055	11,043	0.0177	46.29
22.5	429,807	6,058	0.0141	45.47
23.5	278,916	5,802	0.0208	44.83
24.5	148,090	2,333	0.0158	43.90
25.5	61,462	1,497	0.0244	43.21
26.5	19,666	315	0.0160	42.15
27.5	2,919	80	0.0276	41.48
28.5	7,407	4,141	0.5591	40.34
29.5	3,265	4	0.0011	17.78
30.5	2,880	69	0.0239	17.76
31.5	2,244	-	0.0000	17.34

# Florida Power & Light Company

## Actuarial Analysis

### Account 371.0 – INSTALLATIONS ON CUSTOMER PREMISES COMPANY COMPOSITE

Placement Band: 1941-1997

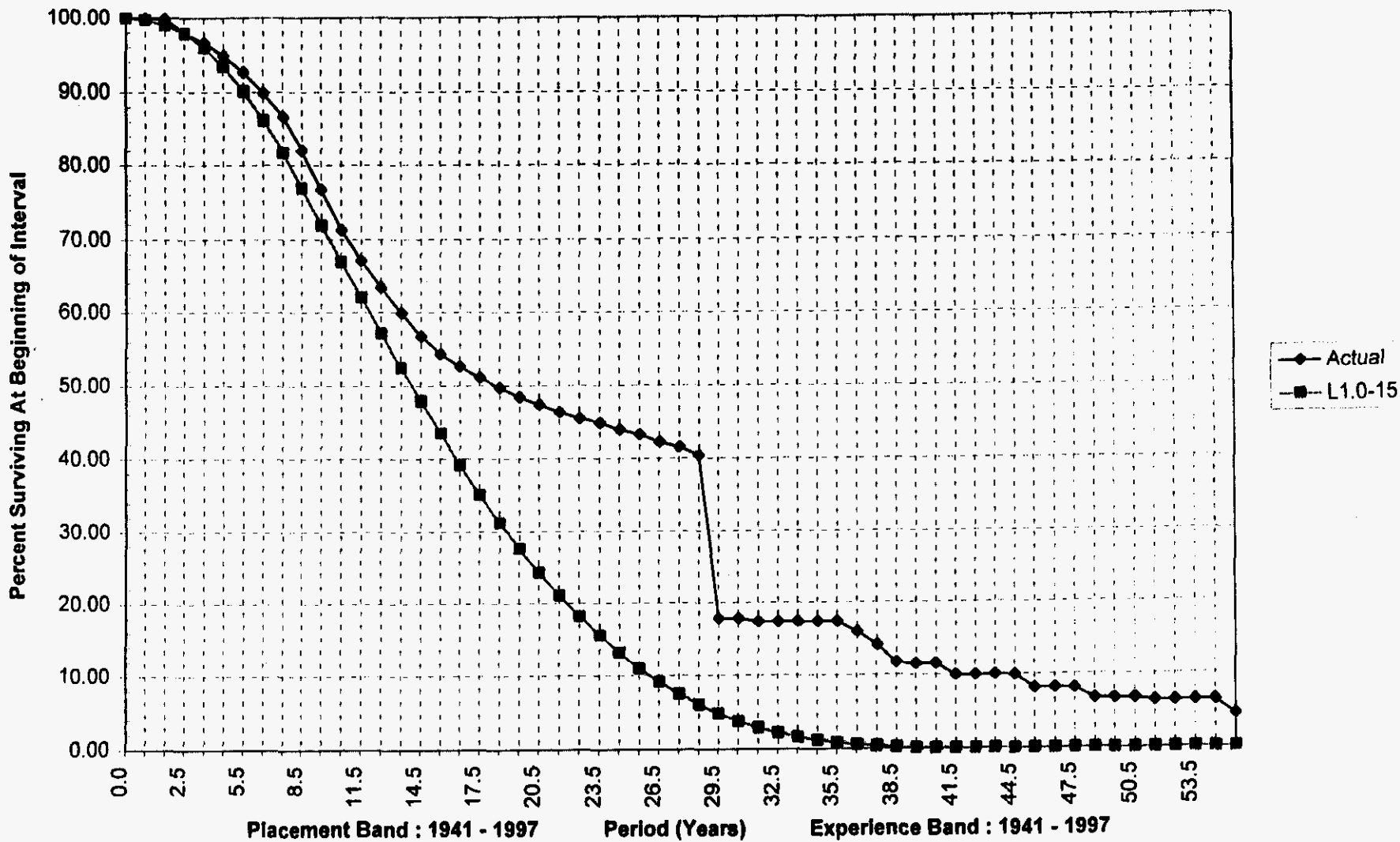
Experience Band: 1941-1997

Average Age of Retirements: 7.66

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	2,244	-	0.0000	17.34
33.5	2,244	-	0.0000	17.34
34.5	2,230	-	0.0000	17.34
35.5	1,386	112	0.0809	17.34
36.5	1,303	153	0.1173	15.93
37.5	1,436	246	0.1713	14.07
38.5	1,209	18	0.0152	11.66
39.5	834	-	0.0000	11.48
40.5	464	64	0.1374	11.48
41.5	400	-	0.0000	9.90
42.5	400	-	0.0000	9.90
43.5	400	-	0.0000	9.90
44.5	918	169	0.1847	9.90
45.5	693	-	0.0000	8.07
46.5	655	5	0.0082	8.07
47.5	797	139	0.1745	8.01
48.5	676	-	0.0000	6.61
49.5	676	-	0.0000	6.61
50.5	712	36	0.0505	6.61
51.5	676	-	0.0000	6.28
52.5	676	-	0.0000	6.28
53.5	676	-	0.0000	6.28
54.5	676	200	0.2955	6.28
55.5	476	-	0.0000	4.42
56.5				4.42
<b>Total</b>	496,365,479	12,365,262		

# Account 371.0 -- INSTALLATIONS ON CUSTOMER PREMISES

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 371.0 -- INSTALLATIONS ON CUSTOMER PREMISES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L1  
Average Service Life..... 15.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	1,877,537	99.97	1,876,958	14.53	27,272,200
1996	2,795,882	99.91	2,793,260	13.64	38,100,066
1995	3,082,594	99.79	3,076,247	12.80	39,375,962
1994	3,282,695	99.73	3,273,928	12.04	39,418,093
1993	3,310,349	99.32	3,287,874	11.35	37,317,370
1992	2,916,345	99.80	2,910,455	10.75	31,287,391
1991	2,728,100	99.47	2,713,661	10.22	27,733,615
1990	4,510,440	99.54	4,489,541	9.75	43,773,025
1989	6,722,814	88.02	5,917,415	9.33	55,209,482
1988	4,857,291	96.49	4,686,951	8.94	41,901,342
1987	5,715,305	70.34	4,020,248	8.57	34,453,525
1986	2,455,036	63.34	1,555,043	8.20	12,751,353
1985	1,689,316	63.20	1,067,687	7.85	8,381,343
1984	2,108,205	51.21	1,079,539	7.52	8,118,133
1983	2,026,000	41.11	832,887	7.19	5,988,458
1982	2,267,506	48.59	1,101,694	6.88	7,579,655
1981	1,639,155	43.19	708,032	6.57	4,651,770
1980	1,496,810	42.92	642,415	6.28	4,034,366
1979	614,472	40.22	247,170	5.99	1,480,548
1978	454,408	48.86	222,046	5.72	1,270,103
1977	360,581	44.43	160,218	5.45	873,188
1976	593,057	45.52	269,952	5.19	1,401,051
1975	505,244	36.44	184,118	4.94	909,543
1974	386,697	37.76	146,026	4.69	684,862
1973	553,773	22.60	125,157	4.45	556,949
1972	536,958	15.70	84,290	4.22	355,704
1971	318,381	12.70	40,441	3.99	161,360
1970	51,609	31.91	16,469	3.77	62,088
1969	120	0.00	0	3.56	0
1968	274	0.00	0	3.35	0
1967	453	0.00	0	3.14	0
1966	376	100.00	376	2.94	1,105
1965	1,496	0.00	0	2.75	0

# Florida Power & Light Company

## Indicated Survivor Method

### Account 371.0 -- INSTALLATIONS ON CUSTOMER PREMISES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L1  
Average Service Life..... 15.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	61	0.00	0	2.56	0
1962	1,097	87.15	956	2.19	2,094
1961	17	0.00	0	2.01	0
1960	7,936	0.00	0	1.83	0
1959	19	0.00	0	1.66	0
1958	9,534	3.71	354	1.49	527
1957	15,900	2.73	434	1.33	577
1953	112	0.00	0	0.74	0
1952	1,355	0.00	0	0.61	0
1951	304	13.16	40	0.50	20
1950	347	1.15	4	0.00	0
1949	190	0.00	0	0.00	0
1948	64	0.00	0	0.00	0
1942	748	0.00	0	0.00	0
1941	668	71.26	476	0.00	0
<b>Balances</b>	<b>59,897,631</b>		<b>47,532,362</b>	<b>10.00</b>	<b>475,106,868</b>

**Average Age of Survivors = 7.86 Years**

ACCOUNT 373.0 - STREET LIGHTING & SIGNAL SYSTEMS

This account was analyzed using actuarial analysis techniques. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared.

Plotting the actuarial data against the Iowa-type curves resulted in curves with lives well into the 30 year range. Approximately 80% of the dollars in this account have been added within the last 20 years, while the retirement experience indicates that the average age of retirements is only 12-1/4 years. The Company feels that while the longer average service lives found in the analyses may be a better fit mathematically, or visually, they are not truly indicative of the equipment found in this account, and that a life of 30-plus years is well outside of Florida utility averages. The analyses indicated a fairly low modal curve, which the Company agrees with. Therefore, the Company recommends an S-.5-20 curve for this account. The dispersion curve and average service life results in a 13.8 year average remaining life. Net salvage experience over the past 10 years has exceeded negative 30%. The Company recommends a change in net salvage from the current negative 20%, to negative 35%.

# Florida Power & Light Company

## Actuarial Analysis

**Account 373.0 -- STREET LIGHTS & SIGNALS  
COMPANY COMPOSITE**

**Placement Band: 1941-1997**

**Experience Band: 1941-1997**

**Average Age of Retirements: 12.25**

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	241,515,378	182,591	0.0008	100.00
0.5	248,866,579	731,375	0.0029	99.92
1.5	234,824,931	1,517,294	0.0065	99.63
2.5	220,091,432	2,299,254	0.0104	98.99
3.5	206,934,059	2,568,242	0.0124	97.95
4.5	192,371,383	2,505,435	0.0130	96.74
5.5	181,733,890	2,422,879	0.0133	95.48
6.5	169,950,431	3,152,600	0.0186	94.20
7.5	153,849,832	2,958,670	0.0192	92.46
8.5	138,709,189	2,973,060	0.0214	90.68
9.5	126,953,256	3,221,756	0.0254	88.74
10.5	115,898,309	3,352,322	0.0289	86.48
11.5	104,841,952	2,693,928	0.0257	83.98
12.5	92,536,294	2,343,422	0.0253	81.82
13.5	80,312,484	1,929,909	0.0240	79.75
14.5	69,172,003	1,742,996	0.0252	77.84
15.5	58,952,905	1,433,409	0.0243	75.87
16.5	52,288,104	1,418,296	0.0271	74.03
17.5	43,588,625	1,316,389	0.0302	72.02
18.5	39,613,600	1,164,397	0.0294	69.85
19.5	35,534,875	1,091,863	0.0307	67.79
20.5	31,559,965	1,005,212	0.0319	65.71
21.5	27,576,577	1,074,711	0.0390	63.62
22.5	23,050,565	812,235	0.0352	61.14
23.5	20,553,469	763,418	0.0371	58.98
24.5	17,603,762	521,072	0.0296	56.79
25.5	15,083,238	410,428	0.0272	55.11
26.5	13,332,710	424,917	0.0319	53.61
27.5	10,666,656	395,404	0.0371	51.90
28.5	9,183,224	474,885	0.0517	49.98
29.5	7,701,818	329,434	0.0428	47.39
30.5	6,407,241	258,786	0.0404	45.37
31.5	5,488,366	284,991	0.0519	43.54

# Florida Power & Light Company

## Actuarial Analysis

### Account 373.0 -- STREET LIGHTS & SIGNALS COMPANY COMPOSITE

Placement Band: 1941-1997

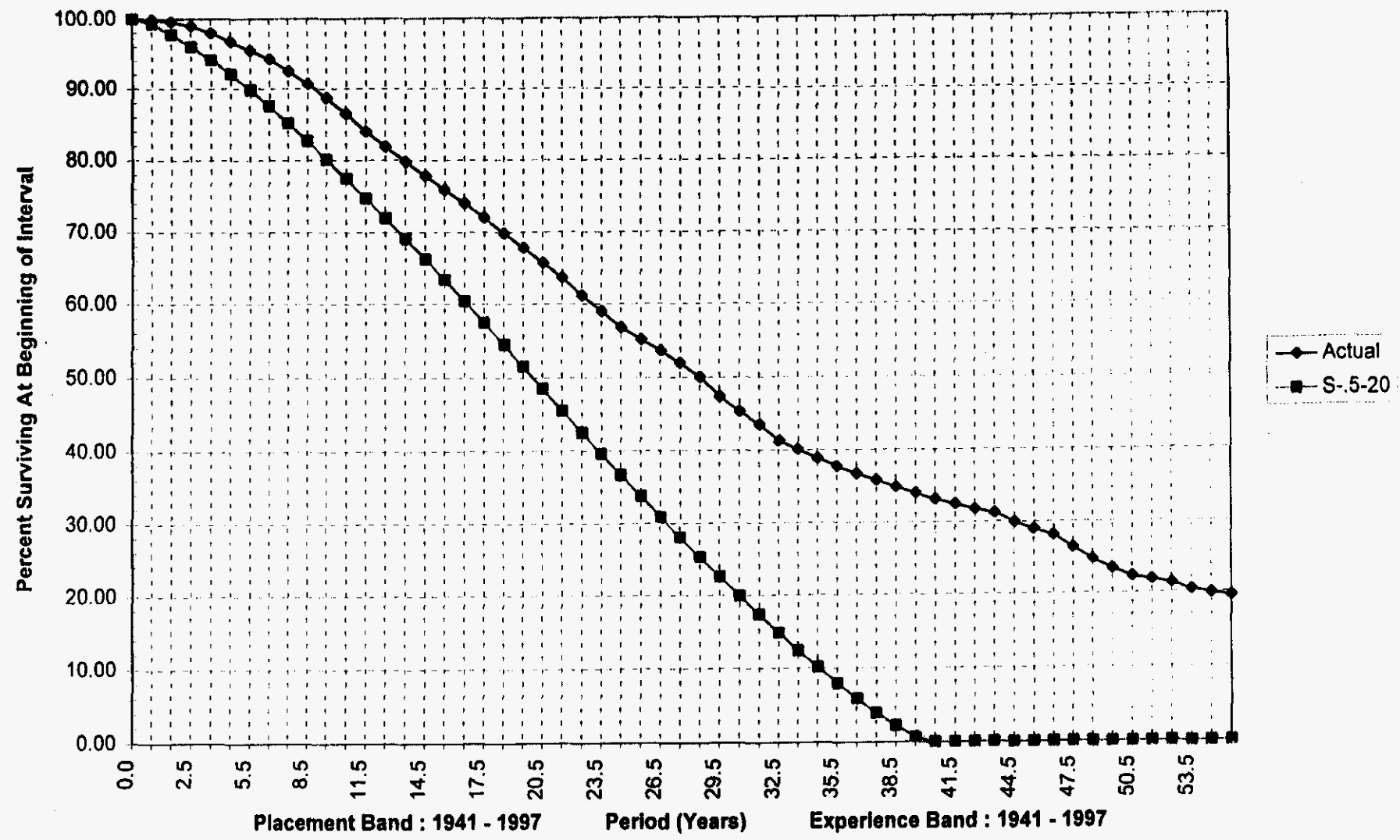
Experience Band: 1941-1997

Average Age of Retirements: 12.25

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	4,720,290	139,530	0.0296	41.27
33.5	4,045,500	124,821	0.0309	40.05
34.5	3,553,814	103,423	0.0291	38.82
35.5	3,157,349	83,490	0.0264	37.69
36.5	2,916,845	69,940	0.0240	36.69
37.5	2,641,852	72,550	0.0275	35.81
38.5	2,125,468	55,613	0.0262	34.83
39.5	1,666,833	40,283	0.0242	33.92
40.5	1,327,738	26,202	0.0197	33.10
41.5	1,035,303	22,678	0.0219	32.44
42.5	782,527	13,718	0.0175	31.73
43.5	595,407	23,825	0.0400	31.18
44.5	434,013	14,233	0.0328	29.93
45.5	317,563	9,567	0.0301	28.95
46.5	201,519	12,571	0.0624	28.08
47.5	121,645	7,619	0.0626	26.33
48.5	77,284	4,081	0.0528	24.68
49.5	67,241	3,165	0.0471	23.37
50.5	51,382	1,012	0.0197	22.27
51.5	46,474	1,173	0.0252	21.83
52.5	44,496	1,901	0.0427	21.28
53.5	42,595	984	0.0231	20.37
54.5	40,914	933	0.0228	19.90
55.5	36,478	124	0.0034	19.45
56.5				19.38
<b>Total</b>	3,026,797,632	50,609,016		

# Account 373.0 -- STREET LIGHTS & SIGNALS

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 373.0 – STREET LIGHTS & SIGNALS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S-5

Average Service Life..... 20.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	10,485,835	100.00	10,485,835	19.64	205,941,799
1996	14,156,002	100.00	14,156,002	18.94	268,114,678
1995	13,211,348	99.99	13,209,952	18.28	241,477,923
1994	11,561,101	100.00	11,560,919	17.64	203,934,611
1993	13,156,016	99.24	13,055,804	17.02	222,209,784
1992	9,082,762	99.82	9,066,741	16.42	148,875,887
1991	10,815,392	99.55	10,766,672	15.84	170,544,084
1990	13,649,926	99.89	13,634,326	15.27	208,196,158
1989	13,006,481	99.06	12,884,461	14.72	189,659,266
1988	9,842,092	96.04	9,452,303	14.18	134,033,657
1987	9,368,238	85.73	8,031,408	13.65	109,628,719
1986	10,436,128	76.68	8,002,476	13.12	104,992,485
1985	12,912,676	76.88	9,927,348	12.61	125,183,858
1984	13,148,380	77.17	10,146,478	12.11	122,873,849
1983	13,096,462	70.09	9,179,767	11.61	106,577,095
1982	12,783,187	66.03	8,440,878	11.12	93,862,563
1981	6,984,621	74.85	5,228,042	10.63	55,574,086
1980	9,285,253	78.37	7,276,832	10.15	73,859,845
1979	3,337,394	79.58	2,655,785	9.68	25,707,999
1978	3,654,880	79.72	2,913,840	9.21	26,836,466
1977	3,555,089	81.10	2,883,213	8.75	25,228,114
1976	3,729,134	79.86	2,978,151	8.29	24,688,872
1975	4,403,212	78.38	3,451,302	7.84	27,058,208
1974	2,306,290	73.05	1,684,856	7.38	12,434,237
1973	2,744,971	79.65	2,186,288	6.94	15,172,839
1972	2,711,522	73.75	1,999,843	6.49	12,978,981
1971	1,794,506	74.76	1,341,553	6.05	8,116,396
1970	3,006,861	74.57	2,242,094	5.61	12,578,147
1969	1,617,512	68.66	1,110,634	5.17	5,741,978
1968	2,002,456	50.06	1,002,467	4.73	4,741,669
1967	2,440,208	39.55	965,143	4.29	4,140,463
1966	2,439,533	27.06	660,088	3.85	2,541,339
1965	1,793,749	27.31	489,852	3.42	1,675,294

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 373.0 – STREET LIGHTS & SIGNALS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S-.5


Average Service Life..... 20.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	2,101,193	25.91	544,471	2.98	1,622,524
1963	1,205,923	30.08	362,726	2.55	924,951
1962	1,501,027	19.44	291,872	2.11	615,850
1961	1,306,469	12.02	157,013	1.67	262,212
1960	1,002,493	20.45	205,027	1.23	252,183
1959	1,171,924	37.87	443,785	0.80	355,028
1958	1,385,709	29.08	402,985	0.50	201,493
1957	1,058,164	28.24	298,812	0.00	0
1956	938,914	28.35	266,169	0.00	0
1955	917,187	25.08	230,052	0.00	0
1954	979,697	17.70	173,402	0.00	0
1953	836,387	16.45	137,569	0.00	0
1952	519,803	19.64	102,104	0.00	0
1951	563,500	18.90	106,477	0.00	0
1950	393,370	17.11	67,304	0.00	0
1949	405,657	9.06	36,741	0.00	0
1948	197,779	3.01	5,963	0.00	0
1947	93,905	13.50	12,675	0.00	0
1946	60,546	5.33	3,230	0.00	0
1945	24,557	3.28	805	0.00	0
1944	15,953	0.00	0	0.00	0
1943	28,754	2.42	696	0.00	0
1942	143,088	2.45	3,503	0.00	0
1941	2,198,802	1.65	36,263	0.00	0
<b>Balances</b>	267,570,018		216,960,997	13.82	2,999,415,590

**Average Age of Survivors = 10.71 Years**







# **General Plant Depreciation Study**

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For

GENERAL PLANT

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## GENERAL PLANT - DESCRIPTION

Most of the accounts in the General Plant category have experienced record keeping changes over the past 10 years, mostly as a direct result of the Company and/or Commission actions in the 1987 depreciation study (PSC Docket No. 870085-EI) and the Commission's Generic Retirement Unit Docket (PSC Docket No. 840204-EU). Historical data was analyzed at the primary FERC account level or at subaccount levels presently in use at FPL. Actuarial analyses were used wherever possible and when the results were inconclusive, simulation techniques were employed.

Only depreciable subaccounts were analyzed in this study. The Generic Retirement Unit Docket mentioned above, established capital recovery periods for certain short-lived property within this function and allowed the electric utilities the option whether to amortize or depreciate these assets. Because of the record keeping requirements for these relatively minor cost assets, Florida Power & Light Company elected and was granted approval to amortize these assets. These assets, as well as leasehold improvements, whose recovery periods are governed by the terms of each lease, and capital costs associated with the Load Management System (LMS) and Energy Conservation Cost Recovery (ECCR) Clauses, whose capital recovery periods are determined through separate Commission approved clauses, have been excluded from this analysis. No represcription of recovery periods is being sought for these assets.

### Treatment of Clause-related Items

As in the previous studies, all clause related costs such as the investment and reserve associated with the Load Management System (LMS) have been excluded from the calculation of the depreciation rates. Where appropriate and readily separable from the non-clause items in an account (e.g. in a separate subaccount as is the case for LMS equipment), clause related costs have been removed from the life and salvage analysis. We excluded the investment and associated reserve for clause items in the calculation of remaining lives and depreciation rate since the recovery periods of LMS related equipment are handled separately through the clause.

Treatment of Hurricane Retirements

The retirements associated with Hurricane Andrew were not considered to be a normal occurrence in the preparation of the depreciation studies. The possibility of a major hurricane, hitting the service area of Florida Power & Light Company is completely unpredictable. Since no discernible pattern can be determined for these occurrences, their influence on the life analysis process for the affected accounts were eliminated.

Additional Amortizable General Plant Accounts

The Company is proposing in this study to add the following accounts to the 7-year amortizable category :

- Account 393.1 - Stores Equipment (Handling Equipment)
- Account 394.1 - Shop Equipment (Fixed/Stationary)
- Account 395.1 - Lab Equipment (Fixed/Stationary)
- Account 397.1 - Communication Equipment (Other)
- Account 397.3 - Communication Equipment (Official)

Since the Company feels that these accounts would be better handled as amortizable, actuarial or simulated plant studies are not included in this report. They are included however in the summary schedules as 7-year amortizable property.

Although similar equipment is found at Production facilities in the Miscellaneous Power Plant Accounts - Accounts 316.0, 325.0, and 346.0, the Company feels that this equipment is better recovered over the life of the individual power plants. The power plant depreciation studies include this equipment in the analysis of the Miscellaneous Power Plant Accounts at each facility.

## ACCOUNT 390.0 - STRUCTURES AND IMPROVEMENTS

The property in this account consists of corporate office buildings, division offices, district offices, service centers, and special use buildings necessary in the operation and maintenance of FPL's electrical system. These buildings are owned either by FPL or by Land Resources Investment Company (LRIC), a wholly-owned subsidiary of FPL. Because of interactions between FPL and LRIC, analysis of this account individually would be difficult and, as prior studies have indicated, provide no meaningful information. Therefore, analysis was performed at a combined account level. The combined assets of both companies was analyzed using actuarial techniques. The percent surviving for each interval was computer plotted against various Iowa-type survivor curves and visually compared.

Analysis of the combined account, resulted in a reasonable fit to an S2.0-40 curve. Although this average service life represents a 7 year reduction from the life currently in effect, the Company feels that it is more representative of the account and falls within, or closer to, the Florida utility average. The curve and average service life recommended for the composite account results in an 30 year average remaining life. The Company recommends using the S2.0-40 dispersion pattern and 30 year remaining life for each company's account. No change in net salvage from the currently approved zero percent is recommended.

# Florida Power & Light Company

## Actuarial Analysis

**Account 390.0 – STRUCTURES AND IMPROVEMENTS (FPL & LRIC)  
COMPANY COMPOSITE**

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 17.50

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	542,818,101	47,654	0.0001	100.00
0.5	389,492,462	1,127,061	0.0029	99.99
1.5	354,999,198	449,771	0.0013	99.70
2.5	342,265,357	235,876	0.0007	99.58
3.5	329,830,752	384,322	0.0012	99.51
4.5	307,888,366	1,079,463	0.0035	99.39
5.5	223,220,387	570,360	0.0026	99.04
6.5	185,907,715	807,315	0.0043	98.79
7.5	182,257,419	455,232	0.0025	98.36
8.5	152,144,575	488,438	0.0032	98.11
9.5	141,784,140	545,473	0.0038	97.80
10.5	134,439,303	656,421	0.0049	97.42
11.5	107,271,846	862,972	0.0080	96.95
12.5	101,599,167	2,368,889	0.0233	96.17
13.5	95,781,932	563,656	0.0059	93.93
14.5	93,576,218	449,396	0.0048	93.37
15.5	71,270,320	311,159	0.0044	92.92
16.5	69,327,589	427,186	0.0062	92.52
17.5	66,992,582	1,021,824	0.0153	91.95
18.5	65,145,262	361,235	0.0055	90.55
19.5	62,759,669	350,435	0.0056	90.04
20.5	58,941,892	177,293	0.0030	89.54
21.5	55,416,540	89,900	0.0016	89.27
22.5	18,481,464	116,760	0.0063	89.13
23.5	16,249,605	117,928	0.0073	88.56
24.5	15,806,402	110,024	0.0070	87.92
25.5	13,677,808	567,038	0.0415	87.31
26.5	12,526,755	155,811	0.0124	83.69
27.5	10,739,861	130,012	0.0121	82.65
28.5	10,519,381	181,046	0.0172	81.65
29.5	10,141,798	248,358	0.0245	80.24
30.5	9,622,969	135,067	0.0140	78.28
31.5	8,906,117	138,887	0.0156	77.18

# Florida Power & Light Company

## Actuarial Analysis

### Account 390.0 – STRUCTURES AND IMPROVEMENTS (FPL & LRIC) COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

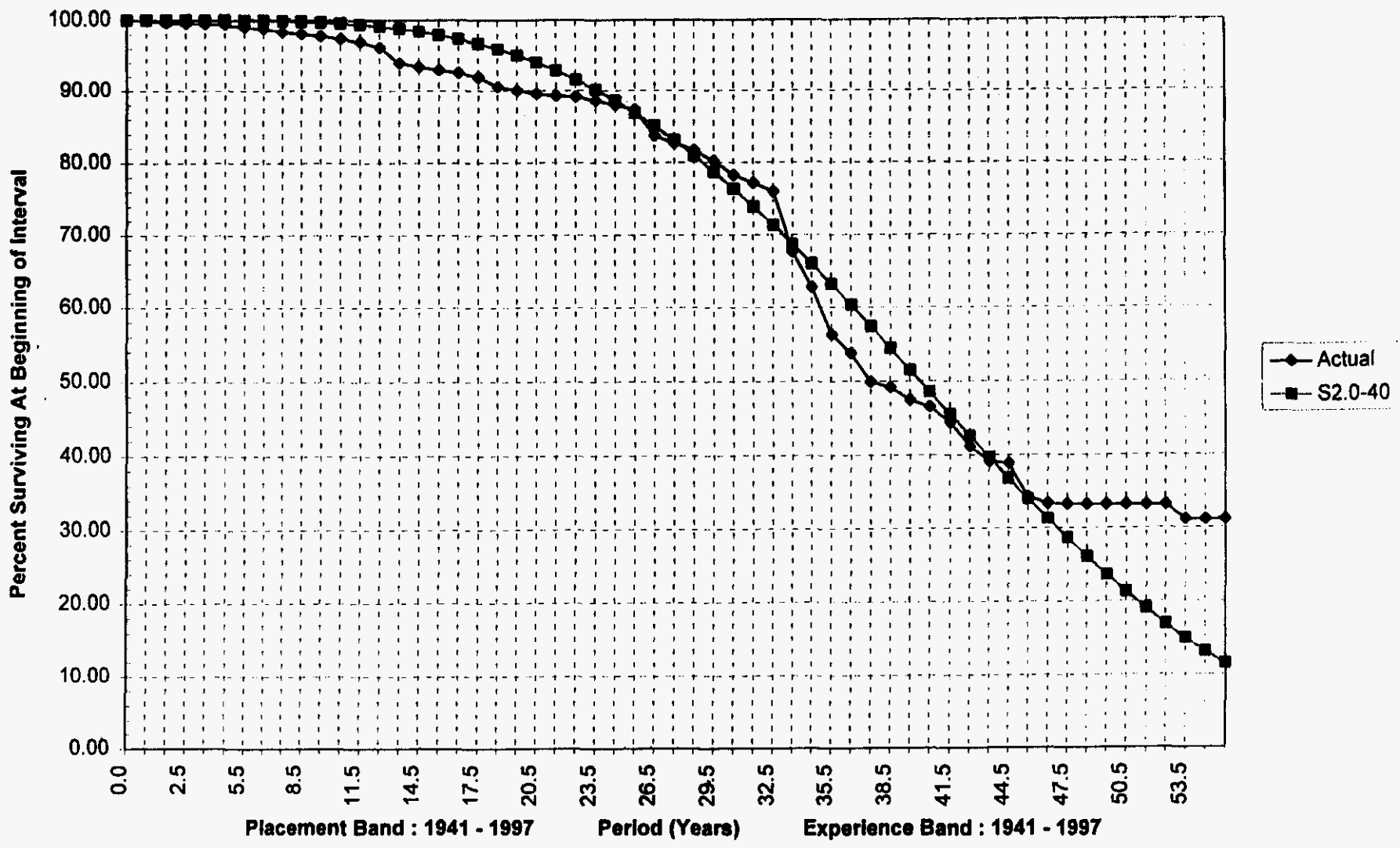
Average Age of Retirements: 17.50

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	5,006,108	551,254	0.1101	75.98
33.5	4,373,033	317,632	0.0726	67.61
34.5	3,893,165	397,380	0.1021	62.70
35.5	3,910,413	172,845	0.0442	56.30
36.5	3,715,158	271,747	0.0731	53.81
37.5	2,991,007	43,726	0.0146	49.87
38.5	2,515,793	87,737	0.0349	49.15
39.5	2,103,974	42,310	0.0201	47.43
40.5	2,054,116	92,649	0.0451	46.48
41.5	1,876,522	137,007	0.0730	44.38
42.5	1,637,541	80,681	0.0493	41.14
43.5	1,405,320	9,580	0.0068	39.11
44.5	1,415,904	166,706	0.1177	38.85
45.5	1,204,338	33,770	0.0280	34.27
46.5	1,089,696	1,691	0.0016	33.31
47.5	1,051,351	1,237	0.0012	33.26
48.5	1,037,034	1,388	0.0013	33.22
49.5	1,010,250	137	0.0001	33.18
50.5	1,000,254	539	0.0005	33.17
51.5	995,832	395	0.0004	33.15
52.5	995,199	61,305	0.0616	33.14
53.5	928,527	245	0.0003	31.10
54.5	927,897	-	0.0000	31.09
55.5	486,650	751,357	1.5439	31.09
56.5				-16.91
<b>Total</b>	<b>4,309,428,034</b>	<b>18,955,580</b>		



# Account 390.0 -- STRUCTURES AND IMPROVEMENTS (FPL & LRIC)

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 390.0 – STRUCTURES AND IMPROVEMENTS (FPL & LRIC) COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S2  
Average Service Life..... 40.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	12,088,787	100.00	12,088,787	39.50	477,507,087
1996	20,069,374	98.93	19,853,638	38.50	764,365,063
1995	9,897,978	96.84	9,585,121	37.50	359,442,038
1994	19,339,843	99.04	19,154,703	36.50	699,146,660
1993	12,519,043	98.70	12,356,342	35.50	438,650,141
1992	42,222,519	99.78	42,129,712	34.51	1,453,896,361
1991	36,852,624	97.05	35,765,243	33.52	1,198,850,945
1990	12,479,991	95.76	11,950,814	32.53	388,759,979
1989	29,448,754	98.63	29,045,416	31.55	916,382,875
1988	7,314,490	93.47	6,836,655	30.59	209,133,276
1987	7,017,256	96.86	6,797,170	29.63	201,400,147
1986	27,355,176	99.06	27,098,935	28.68	777,197,456
1985	4,718,536	89.94	4,243,975	27.75	117,770,306
1984	3,118,484	86.33	2,692,237	26.84	72,259,641
1983	3,604,217	43.37	1,563,196	25.94	40,549,304
1982	22,077,192	98.31	21,703,272	25.07	544,101,029
1981	1,758,028	94.62	1,663,529	24.21	40,274,037
1980	2,351,356	79.63	1,872,384	23.38	43,776,338
1979	837,857	82.81	693,851	22.57	15,660,217
1978	1,953,955	90.04	1,759,309	21.77	38,300,157
1977	3,353,402	88.38	2,963,869	21.01	62,270,888
1976	4,219,672	79.56	3,357,252	20.26	68,017,926
1975	37,539,772	98.09	36,821,311	19.54	719,488,417
1974	2,381,458	86.96	2,070,886	18.84	39,015,492
1973	507,370	69.81	354,191	18.17	6,435,650
1972	2,632,728	77.25	2,033,755	17.51	35,611,050
1971	705,916	86.70	612,004	16.88	10,330,628
1970	2,016,310	80.52	1,623,519	16.27	26,414,654
1969	142,155	62.65	89,055	15.68	1,396,382
1968	254,945	74.33	189,492	15.10	2,861,329
1967	356,420	71.63	255,312	14.55	3,714,790
1966	845,053	73.07	617,469	14.02	8,656,915
1965	4,683,589	80.33	3,762,364	13.50	50,791,914

## Florida Power & Light Company

### Indicated Survivor Method

#### Account 390.0 – STRUCTURES AND IMPROVEMENTS (FPL & LRIC) COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S2

Average Service Life..... 40.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	114,823	72.01	82,688	13.01	1,075,771
1963	234,378	64.06	150,153	12.52	1,879,916
1962	750,382	48.24	361,956	12.06	4,365,189
1961	83,882	40.25	33,765	11.61	392,012
1960	706,513	66.04	466,563	11.17	5,211,509
1959	822,617	52.45	431,488	10.75	4,638,496
1958	730,689	44.33	323,881	10.34	3,348,930
1957	315,122	2.40	7,549	9.95	75,113
1956	319,829	19.13	61,177	9.56	584,852
1955	329,881	30.91	101,974	9.19	937,141
1954	585,664	25.87	151,540	8.83	1,338,098
1953	663,486	-3.04	(20,163)	8.48	(170,982)
1952	326,030	13.76	44,860	8.14	365,160
1951	625,254	12.93	80,872	7.80	630,802
1950	94,597	38.75	36,655	7.48	274,179
1949	79,670	16.42	13,080	7.17	93,784
1948	51,166	49.63	25,396	6.86	174,217
1947	30,028	32.83	9,859	6.57	64,774
1946	32,989	11.77	3,884	6.27	24,353
1945	1,479	16.09	238	5.99	1,426
1944	5,944	94.40	5,611	5.71	32,039
1943	472	81.57	385	5.44	2,094
1942	72,860	64.72	47,155	5.18	244,263
1941	1,074,202	-24.64	(264,707)	4.92	(1,302,358)
<b>Balances</b>	<b>344,716,207</b>		<b>325,760,627</b>	<b>30.26</b>	<b>9,856,709,870</b>

**Average Age of Survivors = 10.30 Years**

### ACCOUNT 392.0 - TRANSPORTATION

The property in this account consists of depreciable assets such as aircraft (392.0), automobiles (392.1), light trucks (392.2), heavy trucks (392.3), tractor-trailers (392.4), trailers (392.9) and amortizable assets such as marine equipment (392.7) and special-use vehicles (392.8). Only the depreciable subaccounts of this account are included in this study.

### ACCOUNT 392.0 - TRANSPORTATION (AIRCRAFT)

The Company has tried to maintain a diversified fleet of aircraft. The fleet which currently consists of 2 Aerospatiale 350B-1 helicopters, a Cessna Citation C650 jet, and 2 Cessna Citation Ultra CE560 jets. Due to the differences in the type of equipment, technologies, and operating environment associated with the aircraft in this subaccount, FPL began keeping separate depreciation rates by type of equipment.

The plant balance in fixed-wing (non-jet) aircraft was eliminated with the retirement of 2 Beechcraft King Air B-200 turboprop airplanes in 1995. Therefore, no rate is being sought for this account.

Rotary-wing aircraft (helicopters) were the most adversely impacted equipment in FPL's system, in terms of hurricane-generated retirements as a percent of the surviving balance. Hurricane Andrew destroyed the only two helicopters owned by FPL. Because of the premature retirement of these two helicopters and their subsequent replacement in 1993, actuarial analysis of this account would not provide any reliable information. The Company recommends maintaining the SQ-7 curve approved in the last depreciation rate prescription.

The Company does not have sufficient history with corporate jets, having one jet added in late 1990, and two added in 1995, to make a determination of dispersion curve and average service life. Therefore, we recommend maintaining the SQ-10 curve approved in the last depreciation rate prescription.

Resale values for usable corporate aircraft remains good, with salvage values of 50% or higher not uncommon. Whether this situation continues or not is unknown and will have to continue to be monitored. We feel that the 50% net salvage estimate recommended by the Company in the last depreciation study is still appropriate.

ACCOUNT 392.0 - TRANSPORTATION (AIRCRAFT)

Please note that the Company is not requesting the subdivision of the aircraft account (Account 392.0) into separate subaccounts, only that the rates be set for each type of aircraft, as they were in the last depreciation study. The Company currently applies the approved rates by type of equipment.

Recommendations :

Type of Aircraft	Dispersion Curve	Average Remaining Life	Net Salvage Percentage
Rotary Wing	SQ-7	4.5	50%
Jet	SQ-10	6.0	50%

# Florida Power & Light Company

## Actuarial Analysis

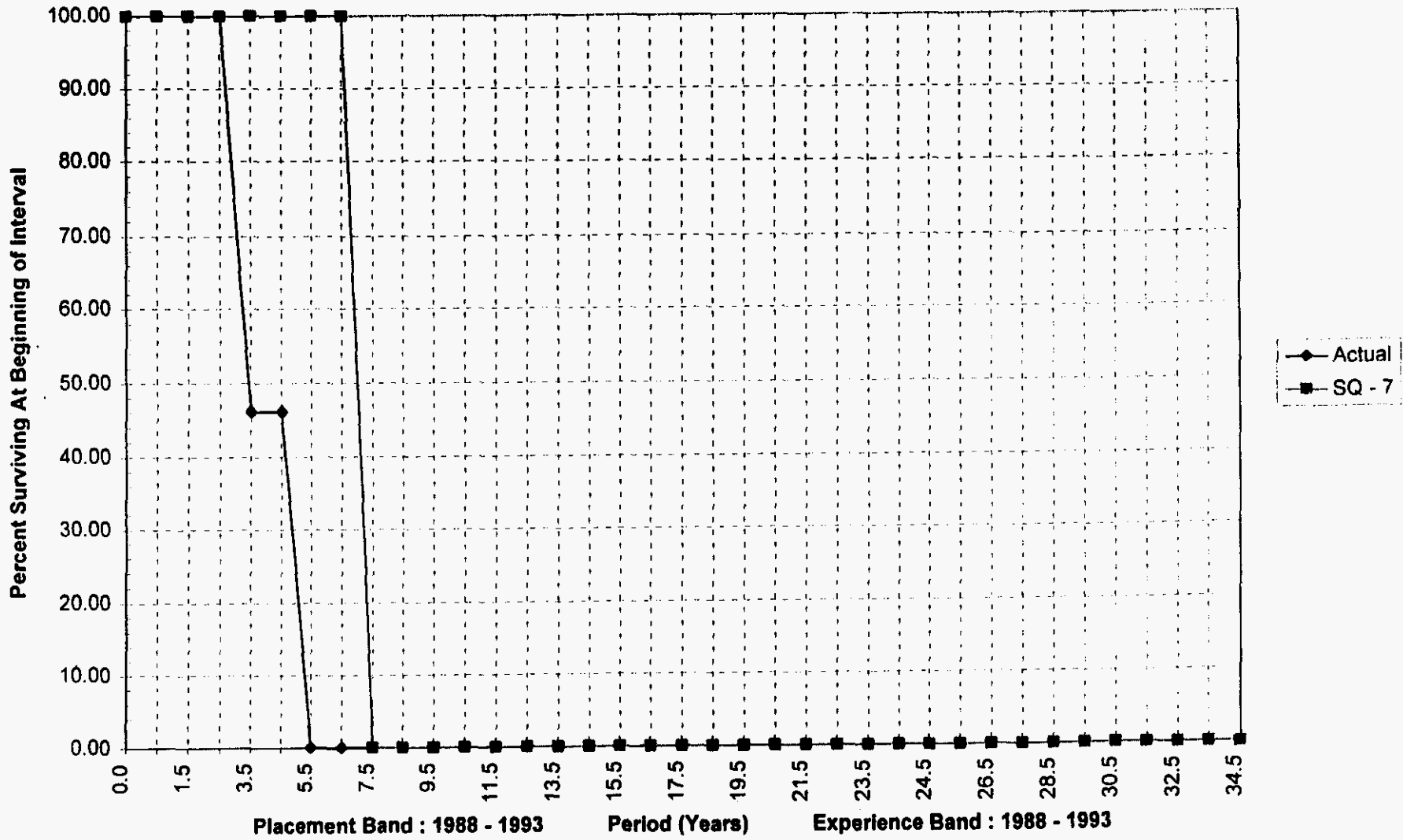
**Account 392.0 -- AIRCRAFT  
CPR 0000000005 -- ROTARY-WING**

**Placement Band: 1988-1993      Experience Band: 1988-1993**

**Average Age of Retirements: 3.92**

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	2,108,320	-	0.0000	100.00
0.5	923,480	-	0.0000	100.00
1.5	923,480	-	0.0000	100.00
2.5	1,713,152	923,480	0.5391	100.00
3.5	789,672	-	0.0000	46.09
4.5	789,672	789,672	1.0000	46.09
5.5				0.00
<b>Total</b>	7,247,776	1,713,152		

### Account 392.0 -- AIRCRAFT (Rotary-Wing)





**Florida Power & Light Company**

**Indicated Survivor Method**

**Account 392.0 -- AIRCRAFT  
CPR 600000005 -- ROTARY-WING**

**Parameters used for Account :**

**Survivor Curve..... Iowa Type SQ**

**Average Service Life..... 7.0 Years**

<b>Vintage Year</b>	<b>Gross Additions</b>	<b>Actual Percent Surviving</b>	<b>Actual Plant Surviving</b>	<b>Remaining Life (Years)</b>	<b>Future Dollar Years</b>
(a)	(b)	(c)	(d)	(e)	(f)
1993	2,108,320	100.00	2,108,320	2.50	5,270,800
1990	923,480	0.00	0	0.00	0
1988	789,672	0.00	0	0.00	0
<b>Balances</b>	<b>3,821,472</b>		<b>2,108,320</b>	<b>2.50</b>	<b>5,270,800</b>

**Average Age of Survivors = 4.50 Years**

# Florida Power & Light Company

## Actuarial Analysis

**Account 392.0 – AIRCRAFT  
CPR 6000000004 – FIXED-WING (JET)**

**Placement Band: 1990-1996      Experience Band: 1990-1996**

**Average Age of Retirements: .00**

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	19,983,895	-	0.0000	100.00
0.5	8,435,879	-	0.0000	100.00
1.5	8,435,879	-	0.0000	100.00
2.5	8,435,879	-	0.0000	100.00
3.5	8,435,879	-	0.0000	100.00
4.5	8,435,879	-	0.0000	100.00
5.5	8,435,879	-	0.0000	100.00
6.5				100.00
<b>Total</b>	70,599,169	-		

**Florida Power & Light Company**

**Indicated Survivor Method**

**Account 392.0 -- AIRCRAFT  
CPR 6000000004 -- FIXED-WING (JET)**

**Parameters used for Account :**

Survivor Curve..... Iowa Type SQ  
Average Service Life..... 10.0 Years

<b>Vintage Year</b>	<b>Gross Additions</b>	<b>Actual Percent Surviving</b>	<b>Actual Plant Surviving</b>	<b>Remaining Life (Years)</b>	<b>Future Dollar Years</b>
(a)	(b)	(c)	(d)	(e)	(f)
1996	11,548,016	100.00	11,548,016	8.50	98,158,136
1990	8,435,879	100.00	8,435,879	2.50	21,089,698
<b>Balances</b>	<u>19,983,895</u>		<u>19,983,895</u>	5.97	<u>119,247,834</u>

**Average Age of Survivors = 4.03 Years**

ACCOUNTS 392.1 THROUGH 392.9 - TRANSPORTATION (VEHICLES)

Prior to the approval of our 1987 depreciation rates, equipment in this account was kept, and depreciated, in separate subaccounts according to weight or vehicle usage. In FPSC Docket No. 870085-EI, the Staff required FPL to condense the vehicle accounts to agree with other electric utilities in the State. As a result, equipment costs and reserves were transferred into or out of Accounts 392.1 - Automobiles, 392.2 - Light Trucks, 392.3 - Heavy Trucks, and 392.9 - Trailers to agree to their new designations. In 1996, in order to identify and track tractor-trailers, they were transferred out of Account 392.3 into a new subaccount, Account 392.4. With the exception of Account 392.4, each account was analyzed separately using actuarial analysis methods. Because Account 392.4 was recently transferred and would have no history as a separate entity, it was analyzed as part of Account 392.3. The dispersion characteristics and average remaining life derived in the combined account should be applied to each account. The percent surviving for each interval was computer plotted against various Iowa-type survivor curves and visually compared.

No change in any of the Company fleets is anticipated at the time of this writing. The results of the analyses is shown in the table below and on the following pages. No changes in net salvage from the currently approved percentages are recommended.

Recommendations :

Plant Account	Description	Dispersion Curve	Average Remaining Life	Net Salvage
392.1	Automobiles	L3.0-7	5.4	10%
392.2	Light Trucks	S3.0-8	5.0	15%
392.3	Heavy Trucks	S3.0-11	5.7	20%
392.4	Tractor- Trailers	S3.0-11	5.7	20%
392.9	Trailers	L2.0-18	11.5	30%

# Florida Power & Light Company

## Actuarial Analysis

### Account 392.1 – TRANSPORTATION - AUTOMOBILES COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 6.62

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	10,592,878	13,587	0.0013	100.00
0.5	9,643,395	85,441	0.0089	99.87
1.5	9,285,245	123,591	0.0133	98.99
2.5	9,032,319	252,226	0.0279	97.67
3.5	8,737,571	858,849	0.0983	94.94
4.5	7,819,505	1,243,519	0.1590	85.61
5.5	6,531,075	2,090,596	0.3201	72.00
6.5	4,412,785	1,322,720	0.2997	48.95
7.5	3,056,889	919,974	0.3010	34.28
8.5	2,097,183	763,651	0.3641	23.96
9.5	1,287,734	235,809	0.1831	15.24
10.5	1,041,059	51,418	0.0494	12.45
11.5	987,241	31,652	0.0321	11.83
12.5	957,989	34,558	0.0361	11.45
13.5	923,431	17,628	0.0191	11.04
14.5	850,313	6,743	0.0079	10.83
15.5	622,818	96	0.0002	10.74
16.5	355,775	6,515	0.0183	10.74
17.5	292,185	2,222	0.0076	10.54
18.5	289,763	2,182	0.0075	10.46
19.5	269,171	-	0.0000	10.39
20.5	245,935	-	0.0000	10.39
21.5	145,928	-	0.0000	10.39
22.5	144,730	4,104	0.0284	10.39
23.5	140,626	-	0.0000	10.09
24.5	140,626	11,186	0.0795	10.09
25.5	98,028	-	0.0000	9.29
26.5	91,247	-	0.0000	9.29
27.5	91,247	-	0.0000	9.29
28.5	84,465	-	0.0000	9.29
29.5	84,465	-	0.0000	9.29
30.5	84,465	-	0.0000	9.29
31.5	84,465	13,614	0.1612	9.29

# Florida Power & Light Company

## Actuarial Analysis

### Account 392.1 – TRANSPORTATION - AUTOMOBILES COMPANY COMPOSITE

Placement Band: 1941-1997

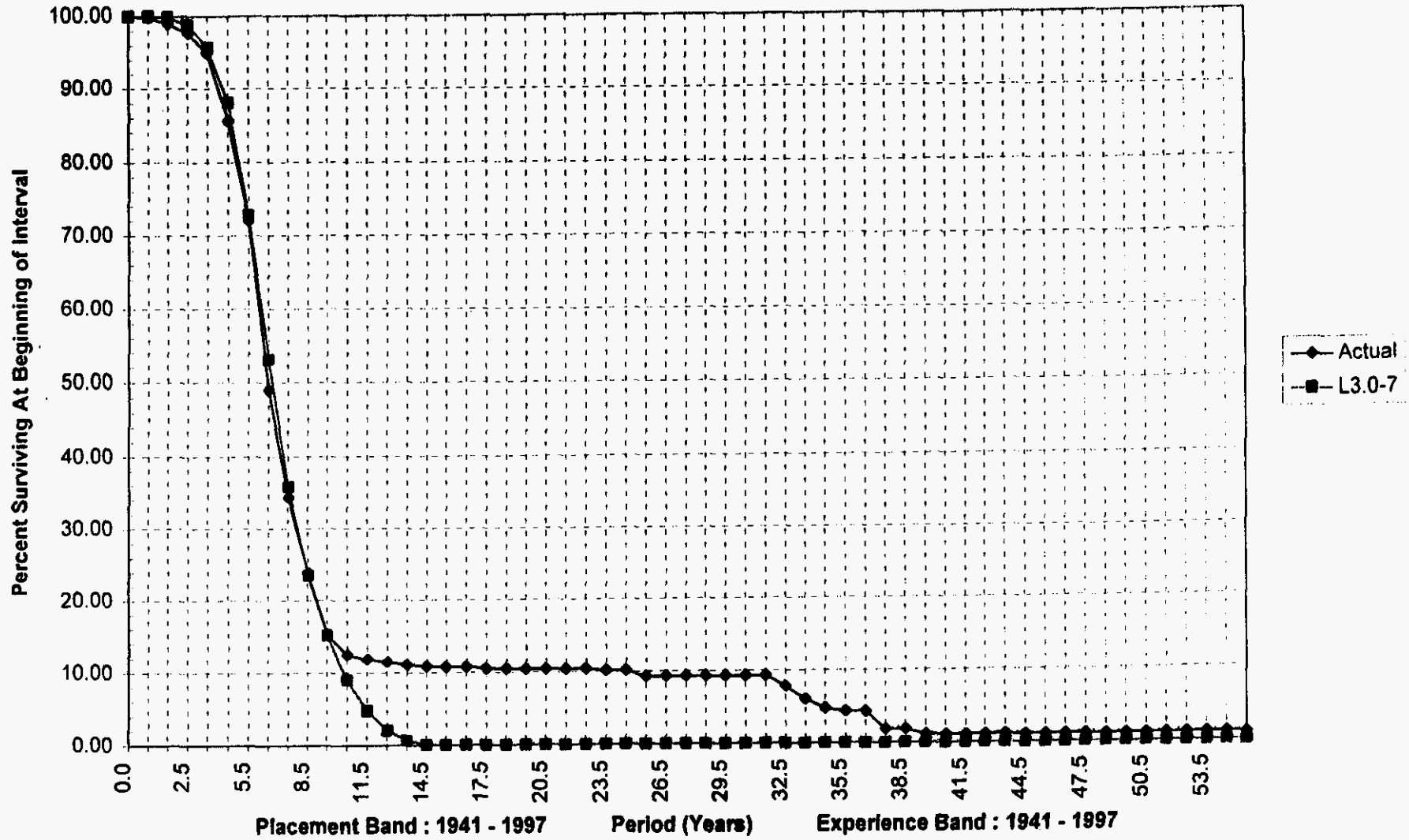
Experience Band: 1941-1997

Average Age of Retirements: 6.62

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	70,852	16,177	0.2283	7.79
33.5	51,191	10,863	0.2122	6.01
34.5	43,812	3,797	0.0867	4.74
35.5	36,531	-	0.0000	4.33
36.5	36,531	20,785	0.5690	4.33
37.5	15,746	-	0.0000	1.86
38.5	14,978	6,061	0.4047	1.86
39.5	8,917	-	0.0000	1.11
40.5 - 56.5	-	-		1.11
<b>Total</b>	<b>80,801,109</b>	<b>8,149,564</b>		

# Account 392.1 -- TRANSPORTATION - AUTOMOBILES

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# Florida Power & Light Company

## Indicated Survivor Method

### Account 392.1 -- TRANSPORTATION - AUTOMOBILES COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L3  
Average Service Life..... 7.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	834,953	100.00	834,953	6.50	5,427,195
1996	274,854	97.58	268,204	5.51	1,477,804
1995	116,811	93.20	108,871	4.56	496,452
1994	19,988	100.00	19,988	3.69	73,756
1993	65,737	70.09	46,076	2.96	136,385
1992	38,235	100.00	38,235	2.48	94,823
1991	220,970	12.53	27,694	2.22	61,481
1990	168,659	19.67	33,177	2.05	68,013
1989	250,473	14.99	37,552	1.86	69,847
1988	386,286	11.86	45,799	1.61	73,736
1987	160,541	6.77	10,865	1.36	14,776
1986	444,411	0.54	2,400	1.13	2,712
1985	259,619	-0.92	(2,400)	0.92	(2,208)
1984	482,753	0.00	0	0.73	0
1983	560,508	0.00	0	0.58	0
1982	470,056	0.00	0	0.50	0
1981	1,027,703	0.00	0	0.50	0
1980	325,768	0.00	0	0.00	0
1979	84,898	0.00	0	0.00	0
1978	89,062	0.00	0	0.00	0
1977	86,615	0.00	0	0.00	0
1976	106,081	0.00	0	0.00	0
1975	109,953	0.00	0	0.00	0
1974	222,423	0.00	0	0.00	0
1973	304,279	0.00	0	0.00	0
1972	137,919	0.00	0	0.00	0
1971	145,812	0.00	0	0.00	0
1970	152,002	0.00	0	0.00	0
1969	130,061	0.00	0	0.00	0
1968	119,587	0.00	0	0.00	0
1967	92,049	0.00	0	0.00	0
1966	39,947	0.00	0	0.00	0
1965	58,386	0.00	0	0.00	0



# Florida Power & Light Company

Indicated Survivor Method

## Account 392.1 – TRANSPORTATION - AUTOMOBILES COMPANY COMPOSITE

Parameters used for Account :

Survivor Curve..... Iowa Type L3

Average Service Life..... 7.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	49,242	0.00	0	0.00	0
1963	98,793	0.00	0	0.00	0
1962	74,612	0.00	0	0.00	0
1961	49,621	0.00	0	0.00	0
1960	39,329	0.00	0	0.00	0
1959	68,116	1.13	768	0.00	0
1958	104,331	0.00	0	0.00	0
1957	58,921	15.13	8,917	0.00	0
1956	58,726	0.00	0	0.00	0
1955	21,119	0.00	0	0.00	0
1954	30,808	0.00	0	0.00	0
1953	93,597	0.00	0	0.00	0
1952	21,048	0.00	0	0.00	0
1951	177,688	0.00	0	0.00	0
1950	141,162	0.00	0	0.00	0
1949	152,548	0.00	0	0.00	0
1948	206,135	0.00	0	0.00	0
1947	75,606	0.00	0	0.00	0
1946	12,484	0.00	0	0.00	0
1945	5,144	0.00	0	0.00	0
1944	3,645	0.00	0	0.00	0
1943	2,504	0.00	0	0.00	0
1942	32,751	0.00	0	0.00	0
1941	65,330	0.00	0	0.00	0
<b>Balances</b>	<b>9,630,659</b>		<b>1,481,099</b>	<b>5.40</b>	<b>7,994,772</b>

Average Age of Survivors = 2.20 Years

# Florida Power & Light Company

## Actuarial Analysis

### Account 392.2 -- TRANSPORTATION - LIGHT TRUCKS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 7.78

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	25,540,926	20,630	0.0008	100.00
0.5	19,946,513	39,801	0.0020	99.92
1.5	19,820,982	52,327	0.0026	99.72
2.5	20,199,214	123,837	0.0061	99.46
3.5	20,287,240	535,377	0.0264	98.85
4.5	19,178,746	1,041,250	0.0543	96.24
5.5	18,218,518	2,287,828	0.1256	91.01
6.5	15,463,896	3,377,528	0.2184	79.58
7.5	10,968,435	3,748,827	0.3418	62.20
8.5	6,076,149	1,963,483	0.3231	40.94
9.5	3,529,033	1,689,582	0.4788	27.71
10.5	1,591,161	1,032,621	0.6490	14.44
11.5	370,541	181,094	0.4887	5.07
12.5	84,503	50,363	0.5960	2.59
13.5	70,126	44,177	0.6300	1.05
14.5	54,815	19,818	0.3615	0.39
15.5	44,708	17,082	0.3821	0.25
16.5	43,956	13,411	0.3051	0.15
17.5	43,781	15,033	0.3434	0.11
18.5	43,656	7,305	0.1673	0.07
19.5	36,351	23,746	0.6532	0.06
20.5	12,605	1,627	0.1291	0.02
21.5	10,978	7,126	0.6491	0.02
22.5	3,852	-	0.0000	0.01
23.5	3,852	27	0.0069	0.01
24.5	3,825	3,825	1.0000	0.01
25.5	-	-	0.0000	0.00
26.5	-	-	0.0000	0.00
27.5	-	(1,157)	-	0.00
28.5	1,157	(13,590)	-	0.00
29.5	14,747	-	0.0000	0.00
30.5	14,747	-	0.0000	0.00
31.5	14,747	-	0.0000	0.00

**Florida Power & Light Company**

**Actuarial Analysis**

**Account 392.2 -- TRANSPORTATION - LIGHT TRUCKS  
COMPANY COMPOSITE**

**Placement Band: 1941-1997**

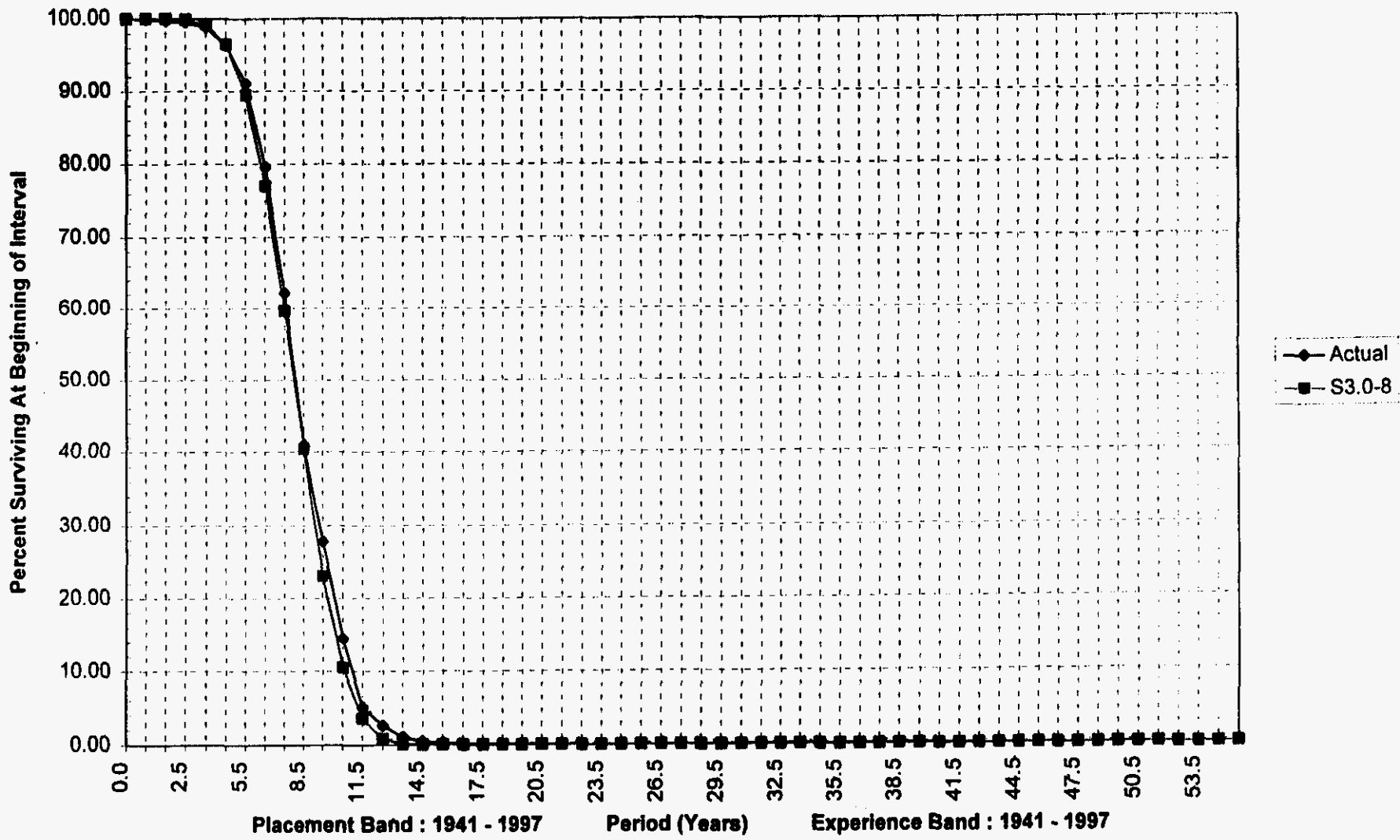
**Experience Band: 1941-1997**

**Average Age of Retirements: 7.78**

<b>Age At Beginning Of Interval</b>	<b>Exposures At Beginning Of Age Interval</b>	<b>Retirements During Age Interval</b>	<b>Retirement Ratio</b>	<b>Percent Surviving At Beginning Of Age Interval</b>
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	14,747	-	0.0000	0.00
33.5	14,747	-	0.0000	0.00
34.5	14,747	-	0.0000	0.00
35.5	14,747	-	0.0000	0.00
36.5	14,747	-	0.0000	0.00
37.5	14,747	-	0.0000	0.00
38.5	14,747	-	0.0000	0.00
39.5	14,747	-	0.0000	0.00
40.5	14,747	-	0.0000	0.00
41.5	14,747	14,747	1.0000	0.00
42.5 - 56.5	-	-		0.00
<b>Total</b>	<b>181,841,230</b>	<b>16,297,725</b>		

# Account 392.2 -- TRANSPORTATION - LIGHT TRUCKS

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 392.2 – TRANSPORTATION - LIGHT TRUCKS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3  
Average Service Life..... 8.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	7,329,597	99.72	7,308,966	7.50	54,817,245
1996	1,968,824	100.00	1,968,824	6.50	12,797,356
1995	2,059,231	100.00	2,059,231	5.51	11,346,363
1994	1,301,710	100.00	1,301,710	4.54	5,909,763
1993	1,748,778	90.04	1,574,648	3.66	5,763,212
1992	2,005,275	85.20	1,708,498	2.90	4,954,644
1991	2,006,065	74.04	1,485,358	2.29	3,401,470
1990	1,793,765	62.73	1,125,235	1.81	2,036,675
1989	2,765,891	43.95	1,215,551	1.44	1,750,393
1988	2,386,417	25.56	609,963	1.15	701,457
1987	1,749,343	15.64	273,583	0.92	251,696
1986	1,874,849	4.33	81,168	0.75	60,876
1985	2,383,256	1.51	36,051	0.61	21,991
1984	1,432,797	0.00	0	0.53	0
1983	1,027,936	-0.33	(3,390)	0.50	(1,695)
1982	1,786,769	0.00	0	0.00	0
1981	993,209	0.00	0	0.00	0
1980	40,460	0.00	0	0.00	0
1979	162,104	0.00	0	0.00	0
1978	19,808	0.00	0	0.00	0
1977	51,242	0.00	0	0.00	0
1976	8,524	0.00	0	0.00	0
1975	12,753	0.00	0	0.00	0
1974	45,340	0.00	0	0.00	0
1973	34,997	0.00	0	0.00	0
1972	9,711	0.00	0	0.00	0
1971	16,330	0.00	0	0.00	0
1970	13,235	0.00	0	0.00	0
1969	14,909	0.00	0	0.00	0
<b>Balances</b>	37,043,125		20,745,396	5.00	103,811,446

Average Age of Survivors = 3.43 Years

# Florida Power & Light Company

## Actuarial Analysis

### Account 392.3 -- TRANSPORTATION - HEAVY TRUCKS COMPANY COMPOSITE

Placement Band: 1955-1997

Experience Band: 1955-1997

Average Age of Retirements: 10.31

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	138,004,428	-	0.0000	100.00
0.5	141,316,427	24,694	0.0002	100.00
1.5	144,031,609	989,520	0.0069	99.98
2.5	140,163,158	197,140	0.0014	99.30
3.5	136,835,592	396,213	0.0029	99.16
4.5	134,163,436	1,137,189	0.0085	98.87
5.5	126,932,406	2,789,710	0.0220	98.03
6.5	121,877,515	4,959,655	0.0407	95.88
7.5	101,695,525	7,826,858	0.0770	91.97
8.5	79,154,026	13,146,088	0.1661	84.90
9.5	56,160,568	12,603,305	0.2244	70.80
10.5	38,749,547	13,696,808	0.3535	54.91
11.5	21,126,508	10,422,263	0.4933	35.50
12.5	9,884,649	4,089,114	0.4137	17.99
13.5	5,733,155	2,217,437	0.3868	10.55
14.5	4,253,597	1,127,139	0.2650	6.47
15.5	3,590,050	1,397,482	0.3893	4.75
16.5	2,842,677	1,280,487	0.4505	2.90
17.5	1,635,803	752,701	0.4601	1.60
18.5	890,738	359,105	0.4032	0.86
19.5	716,916	203,597	0.2840	0.51
20.5	484,091	181,061	0.3740	0.37
21.5	330,493	111,956	0.3388	0.23
22.5	218,537	115,522	0.5286	0.15
23.5	102,537	88,419	0.8623	0.07
24.5	14,118	-	0.0000	0.01
25.5	14,118	-	0.0000	0.01
26.5	14,118	-	0.0000	0.01
27.5	14,118	-	0.0000	0.01
28.5	15,723	-	0.0000	0.01
29.5	1,605	-	0.0000	0.01
30.5	7,611	1,605	0.2109	0.01
31.5	6,006	-	0.0000	0.01

# Florida Power & Light Company

## Actuarial Analysis

**Account 392.3 – TRANSPORTATION - HEAVY TRUCKS  
COMPANY COMPOSITE**

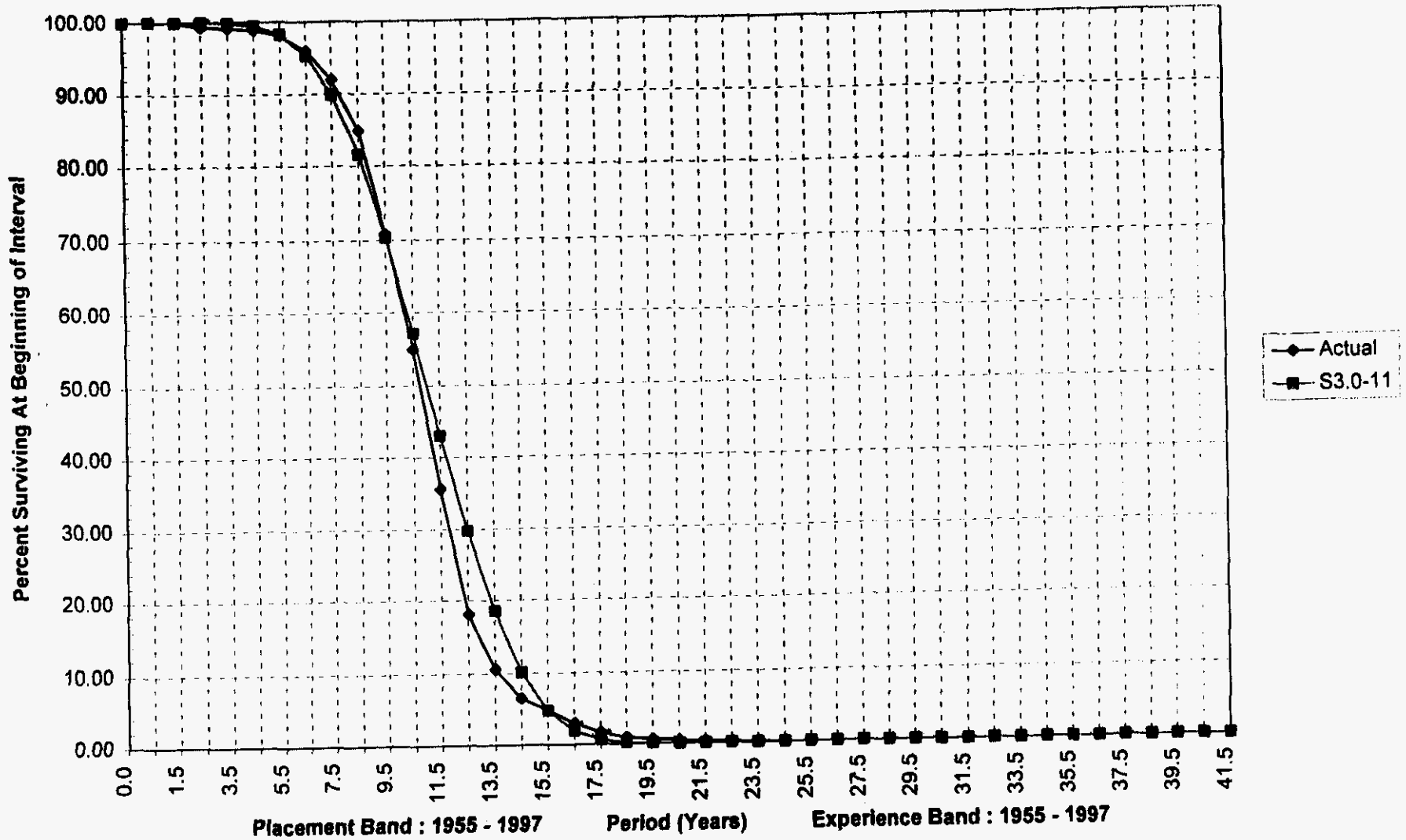
**Placement Band: 1955-1997**

**Experience Band: 1955-1997**

**Average Age of Retirements: 10.31**

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	35,796	6,006	0.1678	0.01
33.5	29,790	-	0.0000	0.01
34.5	29,790	29,790	1.0000	0.01
35.5 - 56.5	-	-		0.00
<b>Total</b>	<b>1,411,076,781</b>	<b>80,150,864</b>		

# Account 392.3 -- TRANSPORTATION - HEAVY TRUCKS



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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 392.3 – TRANSPORTATION - HEAVY TRUCKS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S3

Average Service Life..... 11.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	6,655,163	100.00	6,655,163	10.50	69,879,212
1996	11,100,414	100.00	11,100,414	9.50	105,453,933
1995	12,940,205	100.00	12,940,205	8.50	109,991,743
1994	15,744,428	100.00	15,744,428	7.51	118,240,654
1993	14,828,803	99.97	14,824,934	6.54	96,955,068
1992	15,620,022	99.55	15,550,374	5.62	87,393,102
1991	12,230,867	91.93	11,243,933	4.77	53,633,560
1990	15,908,167	98.54	15,675,872	4.03	63,173,764
1989	17,037,066	88.28	15,040,415	3.39	50,987,007
1988	14,772,656	80.55	11,899,859	2.85	33,914,598
1987	10,258,216	55.45	5,688,609	2.39	13,595,776
1986	13,762,483	33.90	4,665,889	2.02	9,425,096
1985	10,114,346	23.04	2,330,460	1.70	3,961,782
1984	12,606,093	8.81	1,111,102	1.43	1,588,876
1983	12,562,026	1.74	218,193	1.21	264,014
1982	9,591,384	2.41	231,194	1.01	233,506
1981	9,045,541	0.00	0	0.85	0
1980	443,842	0.21	912	0.71	648
1979	446,704	0.47	2,088	0.60	1,253
1978	2,170,972	0.00	0	0.52	0
1977	906,090	3.32	30,106	0.50	15,053
1976	852,536	0.00	0	0.00	0
1975	1,743,133	0.00	0	0.00	0
1974	1,102,840	0.04	477	0.00	0
1973	956,706	0.00	0	0.00	0
1972	694,786	0.00	0	0.00	0
1971	650,109	0.00	0	0.00	0
1970	113,259	0.00	0	0.00	0
1969	9,725	0.00	0	0.00	0
1968	183,282	7.70	14,118	0.00	0
1967	878	0.00	0	0.00	0
1966	29,462	0.00	0	0.00	0
1959	1,605	0.00	0	0.00	0

# Florida Power & Light Company

Indicated Survivor Method

Account 392.3 – TRANSPORTATION - HEAVY TRUCKS  
COMPANY COMPOSITE

Parameters used for Account :

Survivor Curve..... Iowa Type S3  
Average Service Life..... 11.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1957	6,006	0.00	0	0.00	0
1955	29,790	0.00	0	0.00	0
<b>Balances</b>	225,119,605		144,968,745	5.65	818,708,645

Average Age of Survivors = 5.91 Years

# Florida Power & Light Company

## Actuarial Analysis

### Account 392.9 -- TRANSPORTATION - TRAILERS COMPANY COMPOSITE

Placement Band: 1941-1997

Experience Band: 1941-1997

Average Age of Retirements: 12.87

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	16,631,685	3,721	0.0002	100.00
0.5	15,533,601	35,088	0.0023	99.98
1.5	15,073,798	82,949	0.0055	99.75
2.5	13,876,024	36,615	0.0026	99.20
3.5	13,587,270	51,885	0.0038	98.94
4.5	12,245,216	76,310	0.0062	98.56
5.5	11,175,813	118,326	0.0106	97.95
6.5	10,409,420	433,950	0.0417	96.91
7.5	9,050,170	496,245	0.0548	92.87
8.5	7,355,039	316,572	0.0430	87.78
9.5	6,503,087	161,275	0.0248	84.00
10.5	5,910,434	194,034	0.0328	81.92
11.5	5,265,031	311,900	0.0592	79.23
12.5	4,306,851	172,853	0.0401	74.54
13.5	3,710,932	339,414	0.0915	71.54
14.5	2,967,647	257,229	0.0867	65.00
15.5	2,220,801	265,580	0.1196	59.37
16.5	1,727,974	243,301	0.1408	52.27
17.5	1,476,971	134,733	0.0912	44.91
18.5	1,334,533	85,063	0.0637	40.81
19.5	1,101,434	167,325	0.1519	38.21
20.5	863,450	79,598	0.0922	32.41
21.5	765,452	140,216	0.1832	29.42
22.5	612,471	76,233	0.1245	24.03
23.5	428,691	65,367	0.1525	21.04
24.5	259,426	40,163	0.1548	17.83
25.5	218,662	18,970	0.0868	15.07
26.5	139,602	12,792	0.0916	13.76
27.5	91,226	9,637	0.1056	12.50
28.5	80,056	8,045	0.1005	11.18
29.5	71,032	27,147	0.3822	10.06
30.5	39,719	21,071	0.5305	6.21
31.5	17,850	4,968	0.2783	2.92

**Florida Power & Light Company**

**Actuarial Analysis**

**Account 392.9 -- TRANSPORTATION - TRAILERS  
COMPANY COMPOSITE**

**Placement Band: 1941-1997**

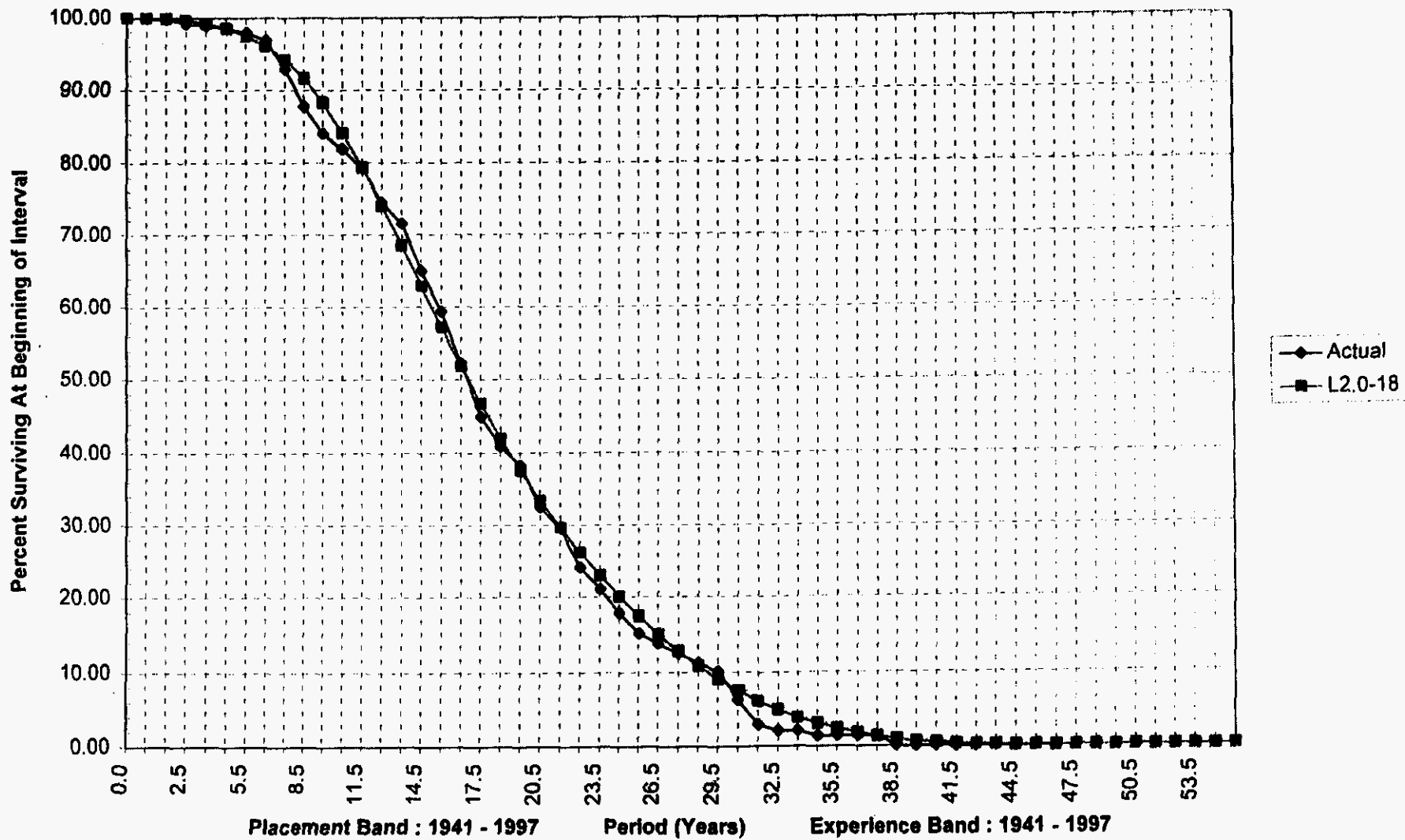
**Experience Band: 1941-1997**

**Average Age of Retirements: 12.87**

<b>Age At Beginning Of Interval</b>	<b>Exposures At Beginning Of Age Interval</b>	<b>Retirements During Age Interval</b>	<b>Retirement Ratio</b>	<b>Percent Surviving At Beginning Of Age Interval</b>
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	13,186	16	0.0012	2.11
33.5	10,033	3,587	0.3575	2.10
34.5	1,318	-	0.0000	1.35
35.5	1,318	-	0.0000	1.35
36.5	1,318	-	0.0000	1.35
37.5	1,318	1,318	1.0000	1.35
38.5	-	-	0.0000	0.00
39.5 - 56.5	-	-		0.00
<b>Total</b>	<b>165,079,859</b>	<b>4,493,496</b>		

# Account 392.9 -- TRANSPORTATION - TRAILERS

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## Florida Power & Light Company

### Indicated Survivor Method

#### Account 392.9 -- TRANSPORTATION - TRAILERS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L2

Average Service Life..... 18.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	552,414	100.00	552,414	17.50	9,667,245
1996	430,557	100.00	430,557	16.51	7,108,496
1995	1,074,663	100.00	1,074,663	15.55	16,711,010
1994	325,963	76.01	247,761	14.61	3,619,788
1993	1,312,530	97.52	1,279,914	13.72	17,560,420
1992	1,027,084	96.81	994,367	12.86	12,787,560
1991	661,928	100.00	661,928	12.04	7,969,613
1990	963,639	96.01	925,171	11.27	10,426,677
1989	1,325,203	90.44	1,198,553	10.57	12,668,705
1988	662,616	82.71	548,079	9.95	5,453,386
1987	564,536	76.41	431,378	9.42	4,063,581
1986	692,286	65.20	451,369	8.96	4,044,266
1985	1,153,977	56.00	646,280	8.56	5,532,157
1984	551,391	78.39	432,216	8.22	3,552,816
1983	501,244	78.28	392,371	7.91	3,103,655
1982	700,940	70.46	493,917	7.63	3,768,587
1981	386,857	58.74	227,246	7.38	1,677,075
1980	249,140	3.34	8,316	7.13	59,293
1979	38,140	20.20	7,704	6.89	53,081
1978	286,120	51.74	148,036	6.65	984,439
1977	150,097	47.08	70,659	6.41	452,924
1976	136,088	13.52	18,400	6.17	113,528
1975	181,781	7.01	12,748	5.92	75,468
1974	440,462	23.21	102,243	5.67	579,718
1973	509,100	20.41	103,898	5.42	563,127
1972	237,353	0.13	311	5.17	1,608
1971	143,252	41.95	60,090	4.92	295,643
1970	152,795	23.29	35,585	4.67	166,182
1969	47,291	3.24	1,534	4.43	6,796
1968	37,570	2.61	979	4.20	4,112
1967	64,608	6.43	4,153	3.97	16,487
1966	40,253	1.98	798	3.75	2,993
1965	20,463	0.00	0	3.53	0

# Florida Power & Light Company

## Indicated Survivor Method

### Account 392.9 -- TRANSPORTATION - TRAILERS COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L2  
Average Service Life..... 18.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1964	70,962	3.99	2,834	3.32	9,409
1963	80,014	6.41	5,129	3.12	16,002
1962	4,122	0.00	0	2.91	0
1961	32,770	0.00	0	2.71	0
1960	34,061	0.00	0	2.52	0
1959	24,850	0.00	0	2.33	0
1958	30,283	0.00	0	2.14	0
1957	9,471	0.00	0	1.96	0
1956	16,882	0.00	0	1.78	0
1955	7,322	0.00	0	1.60	0
1954	6,756	0.00	0	1.43	0
1953	39,291	0.00	0	1.26	0
1952	13,112	0.00	0	1.09	0
1951	28,279	0.00	0	0.93	0
1950	9,386	0.00	0	0.79	0
1949	5,861	0.00	0	0.64	0
1948	14,097	0.00	0	0.50	0
1947	3,708	0.00	0	0.00	0
1946	5,016	0.00	0	0.00	0
1941	6,513	0.00	0	0.00	0
<b>Balances</b>	16,065,097		11,571,601	11.50	133,115,847

**Average Age of Survivors = 8.33 Years**

ACCOUNT 393.1 - STORES EQUIPMENT (HANDLING EQUIPMENT)

Account 393.1 is an account that resulted from stratification requirements of the 1987 depreciation study re prescription. This account consists primarily of forklifts, electric and/or hydraulic trucks, raspers, hydraulic shears, etc. Since this account is being recommended for 7-year amortization, no analysis was performed.



ACCOUNT 394.1 - SHOP EQUIPMENT (FIXED/STATIONARY)

Account 394.1 is an account that resulted from stratification requirements of the 1987 depreciation study represcription. This account consists primarily of standby generators, oil/gas storage tanks, fuel pumps, racks, high pressure steam washers, etc. Since this account is being recommended for 7-year amortization, no analysis was performed.

ACCOUNT 395.1 - LAB EQUIPMENT (FIXED/STATIONARY)

Account 395.1 is an account that resulted from stratification requirements of the 1987 depreciation study represcription. This account consists primarily of equipment such as data circuit testers, eddy current test apparatus, radiation exposure equipment, data evaluation control equipment, recording equipment, transformer test panels, watt-hour meter comparators, and weather instruments. Since this account is being recommended for 7-year amortization, no analysis was performed.

ACCOUNT 396.1 - POWER OPERATED EQUIPMENT (TRANSPORTATION)

Account 396.1 consists of equipment such as bulldozers, hole diggers, trenchers, backhoes, front-end loaders, graders, and related equipment. It was analyzed using actuarial analysis techniques.

The best indication of life and retirement patterns was obtained using the 1953 - 1997 experience and placement bands. The percent surviving for each interval on the actuarial table was computer plotted against various Iowa-type survivor curves and visually compared. Plotting the actuarial data against the Iowa-type curves resulted in a reasonable fit to an L0.0-10 curve through age interval 15.5 which represents 93.8% of the account's total exposures. The dispersion curve and average service life results in a 6.1 year remaining life. No change in net salvage from the 20% currently in use is recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 396.1 -- POWER OPERATED EQUIPMENT (TRANSPORTATION) COMPANY COMPOSITE

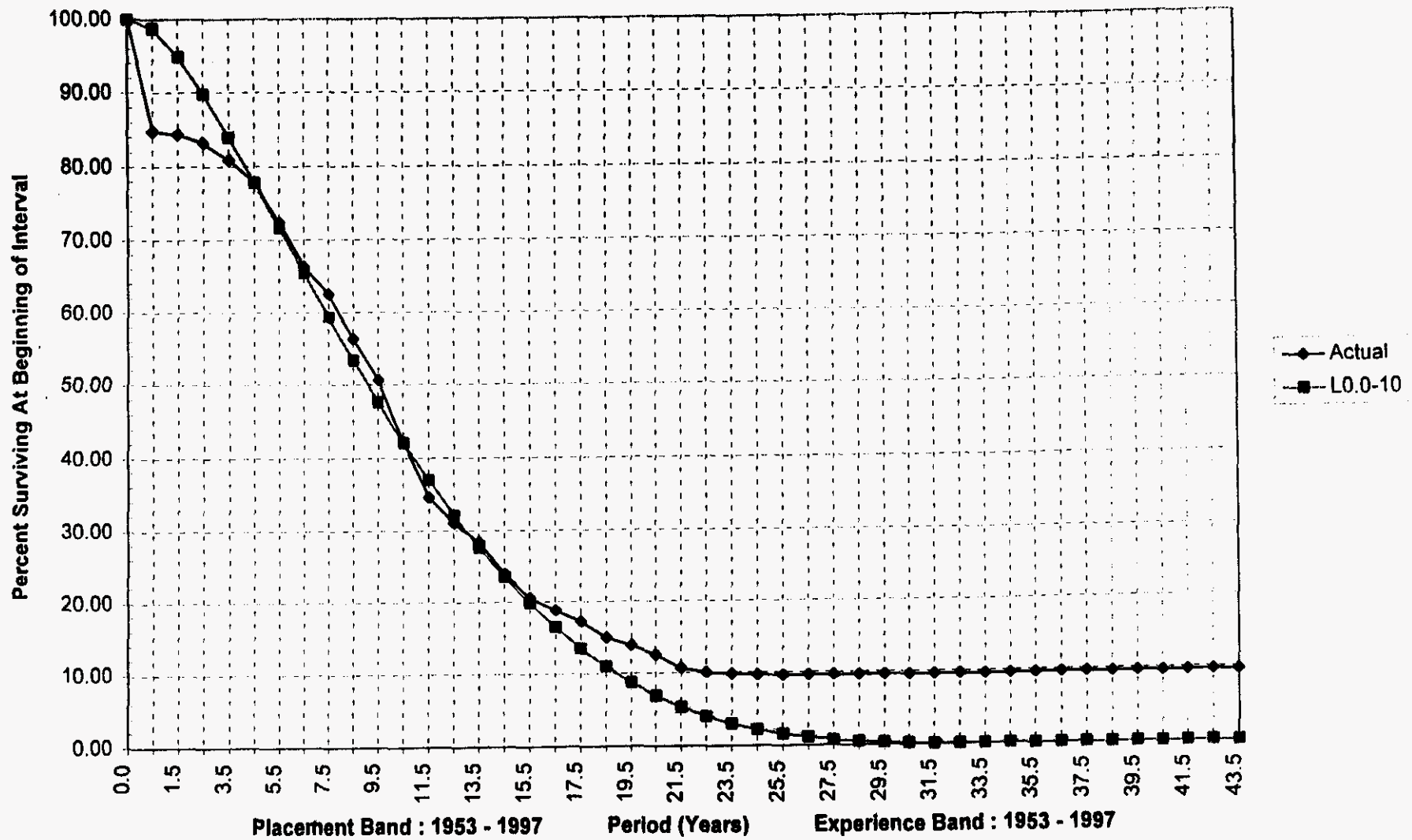
Placement Band: 1953-1997

Experience Band: 1953-1997

Average Age of Retirements: 6.43

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	16,135,816	2,453,545	0.1521	100.00
0.5	13,555,239	64,572	0.0048	84.79
1.5	13,258,708	185,342	0.0140	84.39
2.5	13,127,860	360,715	0.0275	83.21
3.5	12,220,158	457,929	0.0375	80.92
4.5	11,573,218	815,169	0.0704	77.89
5.5	10,022,391	846,075	0.0844	72.41
6.5	8,524,348	484,922	0.0569	66.29
7.5	7,615,523	760,842	0.0999	62.52
8.5	5,782,555	584,047	0.1010	56.28
9.5	4,641,187	765,227	0.1649	50.59
10.5	3,181,765	582,539	0.1831	42.25
11.5	2,515,646	256,252	0.1019	34.51
12.5	2,095,380	179,359	0.0856	31.00
13.5	1,771,819	277,982	0.1569	28.35
14.5	1,176,869	166,283	0.1413	23.90
15.5	945,283	82,174	0.0869	20.52
16.5	859,614	73,353	0.0853	18.74
17.5	775,660	98,935	0.1275	17.14
18.5	631,951	46,466	0.0735	14.95
19.5	617,897	61,799	0.1000	13.85
20.5	622,944	92,321	0.1482	12.47
21.5	521,176	30,312	0.0582	10.62
22.5	487,577	10,078	0.0207	10.00
23.5	436,241	7,083	0.0162	9.80
24.5	435,819	2,323	0.0053	9.64
25.5	430,052	-	0.0000	9.59
26.5	434,352	1,287	0.0030	9.59
27.5	432,456	-	0.0000	9.56
28.5	432,456	-	0.0000	9.56
29.5	432,456	-	0.0000	9.56
30.5	432,456	-	0.0000	9.56
31.5	432,456	-	0.0000	9.56
32.5 - 44.5	-	-	0.0000	9.56
<b>Total</b>	136,559,328	9,746,931		

# Account 396.1 -- POWER OPERATED EQUIPMENT (TRANSPORTATION)



# Florida Power & Light Company

## Indicated Survivor Method

### Account 396.1 -- POWER OPERATED EQUIPMENT (TRANSPORTATION) COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type L0  
Average Service Life..... 10.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	3,351	100.00	3,351	9.61	32,203
1996	169,644	100.00	169,644	8.99	1,525,100
1994	564,957	100.00	564,957	8.03	4,536,605
1993	192,438	100.00	192,438	7.62	1,466,378
1992	689,340	94.77	653,262	7.24	4,729,617
1991	576,696	92.75	534,901	6.88	3,680,119
1990	436,488	100.00	436,488	6.54	2,854,632
1989	1,135,171	94.45	1,072,125	6.21	6,657,896
1988	556,730	84.26	469,093	5.90	2,767,649
1987	994,283	52.56	522,631	5.61	2,931,960
1986	81,422	75.77	61,693	5.33	328,824
1985	651,186	25.64	166,943	5.06	844,732
1984	555,910	28.29	157,257	4.80	754,834
1983	894,119	34.18	305,634	4.56	1,393,691
1982	507,973	12.86	65,303	4.32	282,109
1981	124,225	0.00	0	4.10	0
1980	415,147	3.13	12,993	3.88	50,413
1979	233,495	0.00	0	3.67	0
1978	423,856	0.33	1,401	3.48	4,875
1977	230,409	0.00	0	3.28	0
1976	306,274	3.08	9,447	3.10	29,286
1975	298,207	0.00	0	2.92	0
1974	324,339	0.00	0	2.75	0
1973	2,811,668	0.00	0	2.59	0
1972	427,931	0.01	55	2.43	134
1971	52,495	0.00	0	2.27	0
1970	82,921	0.73	608	2.12	1,289
1969	206,295	0.00	0	1.98	0
1968	23,896	0.00	0	1.84	0
1967	92,644	0.00	0	1.70	0
1966	47,254	0.00	0	1.57	0
1965	1,319,226	32.72	431,597	1.44	621,500
1964	93,238	0.00	0	1.32	0

**Florida Power & Light Company**

**Indicated Survivor Method**

**Account 396.1 – POWER OPERATED EQUIPMENT (TRANSPORTATION)  
COMPANY COMPOSITE**

**Parameters used for Account :**

**Survivor Curve..... Iowa Type L0**  
**Average Service Life..... 10.0 Years**

<b>Vintage Year</b>	<b>Gross Additions</b>	<b>Actual Percent Surviving</b>	<b>Actual Plant Surviving</b>	<b>Remaining Life (Years)</b>	<b>Future Dollar Years</b>
(a)	(b)	(c)	(d)	(e)	(f)
1963	12,613	0.00	0	1.20	0
1961	33,839	0.00	0	0.97	0
1960	2,446	0.00	0	0.85	0
1959	2,500	0.00	0	0.74	0
1958	758	0.00	0	0.50	0
1956	1	0.00	0	0.00	0
1953	3,370	0.00	0	0.00	0
<b>Balances</b>	<b>15,578,755</b>		<b>5,831,821</b>	<b>6.09</b>	<b>35,493,846</b>

**Average Age of Survivors = 9.84 Years**

ACCOUNT 396.8 - POWER OPERATED EQUIPMENT (OTHER)

Account 396.8 consists of equipment such as tools and compactors.

This account contains relatively minor dollars with extremely low activity. This account was analyzed using actuarial analysis techniques. Although no Iowa-type curve provided a great fit, the Company feels that the retirement pattern most closely resembles a S0.0-10 year curve. The dispersion curve and average service life results in a 5.8 year remaining life. Due to a lack of sufficient retirements and consequently insufficient removal costs and salvage experience, we recommend the same 20% net salvage that we are proposing for Account 396.1.



# Florida Power & Light Company

## Actuarial Analysis

### Account 396.8 -- OTHER POWER OPERATED EQUIPMENT COMPANY COMPOSITE

Placement Band: 1956-1997

Experience Band: 1956-1997

Average Age of Retirements: 14.68

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	175,866	-	0.0000	100.00
0.5	175,866	-	0.0000	100.00
1.5	234,002	-	0.0000	100.00
2.5	193,274	-	0.0000	100.00
3.5	76,970	-	0.0000	100.00
4.5	137,872	52,411	0.3801	100.00
5.5	119,650	-	0.0000	61.99
6.5	119,650	-	0.0000	61.99
7.5	119,650	13,501	0.1128	61.99
8.5	106,149	-	0.0000	54.99
9.5	106,149	1	0.0000	54.99
10.5	49,183	-	0.0000	54.99
11.5	49,508	9,757	0.1971	54.99
12.5	36,959	-	0.0000	44.15
13.5	36,959	11,620	0.3144	44.15
14.5	25,339	24,432	0.9642	30.27
15.5	962	-	0.0000	1.08
16.5	1,940	-	0.0000	1.08
17.5	1,940	-	0.0000	1.08
18.5	1,940	-	0.0000	1.08
19.5	1,940	-	0.0000	1.08
20.5	1,357	-	0.0000	1.08
21.5	4,319	-	0.0000	1.08
22.5	45,577	55	0.0012	1.08
23.5	45,522	-	0.0000	1.08
24.5	48,912	-	0.0000	1.08
25.5	48,912	-	0.0000	1.08
26.5	47,934	-	0.0000	1.08
27.5	47,934	-	0.0000	1.08
28.5	47,934	3,287	0.0686	1.08
29.5	44,647	32,450	0.7268	1.01
30.5	12,197	-	0.0000	0.28
31.5	13,057	3,389	0.2596	0.28

**Florida Power & Light Company**

**Actuarial Analysis**

**Account 396.8 – OTHER POWER OPERATED EQUIPMENT  
COMPANY COMPOSITE**

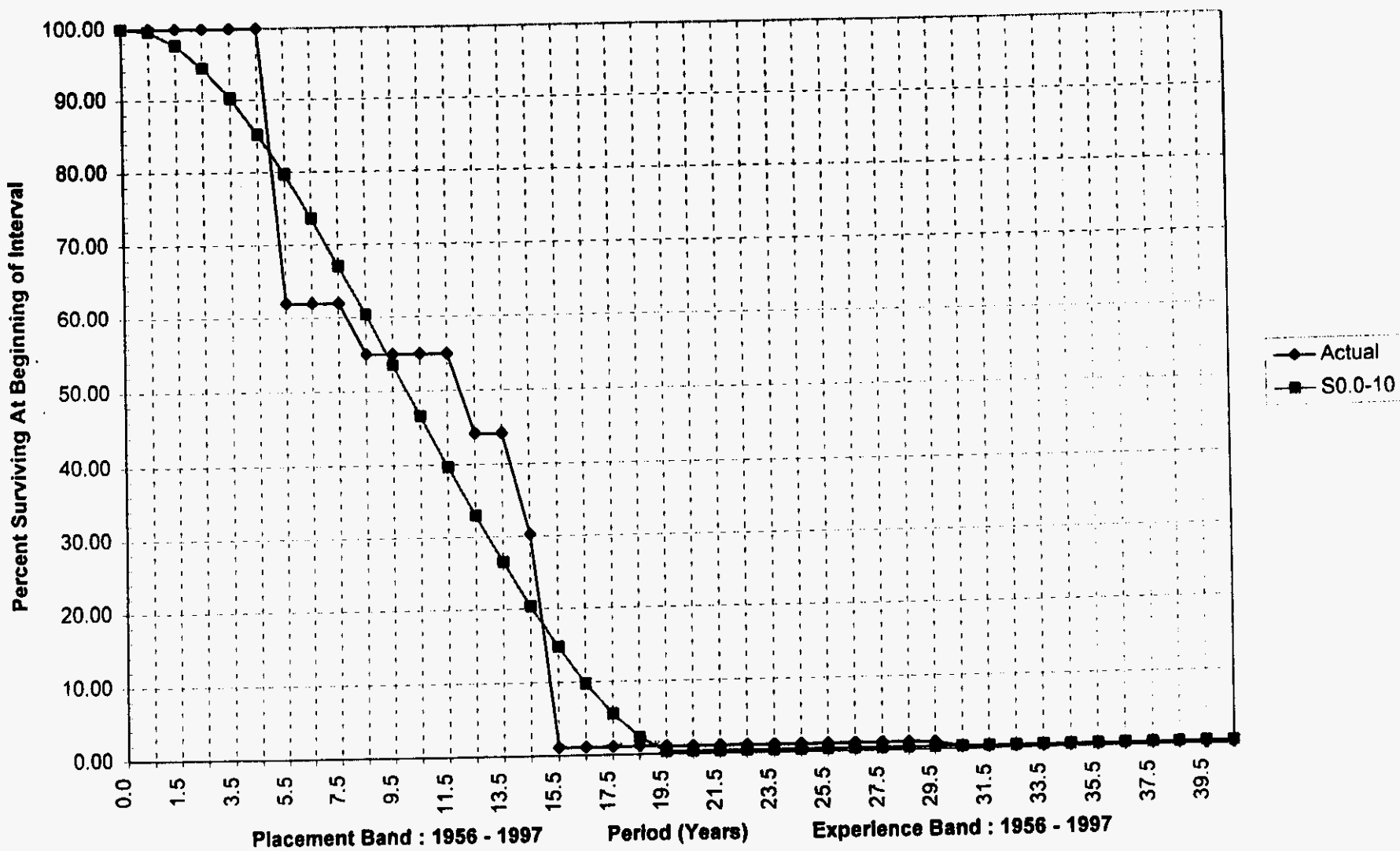
**Placement Band: 1956-1997**

**Experience Band: 1956-1997**

**Average Age of Retirements: 14.68**

<b>Age At Beginning Of Interval</b>	<b>Exposures At Beginning Of Age Interval</b>	<b>Retirements During Age Interval</b>	<b>Retirement Ratio</b>	<b>Percent Surviving At Beginning Of Age Interval</b>
(a)	(b)	(c)	(d)=(c)/(b)	(e)
32.5	859	-	0.0000	0.20
33.5	859	-	0.0000	0.20
34.5	859	-	0.0000	0.20
35.5	859	-	0.0000	0.20
36.5	859	-	0.0000	0.20
37.5	859	-	0.0000	0.20
38.5	859	859	1.0000	0.20
39.5	-	-	0.0000	0.00
40.5 - 41.5	-	-		0.00
<b>Total</b>	<b>2,186,083</b>	<b>151,762</b>		

# Account 396.8 -- OTHER POWER OPERATED EQUIPMENT



# Florida Power & Light Company

## Indicated Survivor Method

### Account 396.8 -- OTHER POWER OPERATED EQUIPMENT COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type S0

Average Service Life..... 10.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1994	116,304	100.00	116,304	7.35	854,834
1989	52,411	0.00	0	4.67	0
1988	10,280	0.00	0	4.21	0
1987	57,548	100.00	57,548	3.77	216,956
1985	6,013	46.42	2,791	2.92	8,150
1983	11,620	0.00	0	2.11	0
1982	34,189	0.00	0	1.72	0
1977	582	100.00	582	0.00	0
1976	325	100.00	325	0.00	0
1972	55	0.00	0	0.00	0
1971	978	100.00	978	0.00	0
1966	3,287	0.00	0	0.00	0
1965	41,258	21.35	8,808	0.00	0
1963	3,389	0.00	0	0.00	0
1956	859	0.00	0	0.00	0
<b>Balances</b>	<b>339,098</b>		<b>187,336</b>	<b>5.76</b>	<b>1,079,940</b>

**Average Age of Survivors = 7.35 Years**

ACCOUNT 397.1 - COMMUNICATION EQUIPMENT (OTHER)

Account 397.1 is an account that resulted from stratification requirements of the 1987 depreciation study represcription. This account consists primarily of equipment such as mobile radio equipment, pagers, control stations, antenna towers, portable phones, radar equipment, telemetering controls, satellite receiver dishes, etc. Major factors influencing the life of this subaccount are technological changes and the physical operating environment of the equipment. Since this account is being recommended for 7-year amortization, no analysis was performed.

ACCOUNT 397.3 - COMMUNICATION EQUIPMENT (OFFICIAL)

Account 397.3 is an account that resulted from stratification requirements of the 1987 depreciation study represcription. This account consists primarily of PBX-type phone equipment. Since this account is being recommended for 7-year amortization, no analysis was performed.

ACCOUNT 397.8 - COMMUNICATION EQUIPMENT (FIBER OPTICS)

Account 397.8 is an account that resulted from stratification requirements of the 1987 depreciation study represcription. The Company began installing fiber optic equipment during 1988 with fiber optic cable installed underground or overhead. This account consists primarily of fiber optic cable and related electronic equipment. This type of equipment is a relatively new field with rapid technological changes.

Insufficient retirement experience exists in this account to develop any retirement pattern or average service life through actuarial or simulation techniques. In light of this fact, we recommend continuing the use of the R2.0 curve type identified in the last depreciation study. Currently this account has a 10 year average service life. The Company feels that a 20 year life would be more appropriate for this account. Using the proposed curve and average service life results in a 17.6 year average remaining life. No change in net salvage from the currently approved 5 percent is being recommended.

# Florida Power & Light Company

## Actuarial Analysis

### Account 397.8 -- COMMUNICATION EQUIPMENT (FIBER OPTICS) COMPANY COMPOSITE

Placement Band: 1985-1997

Experience Band: 1985-1997

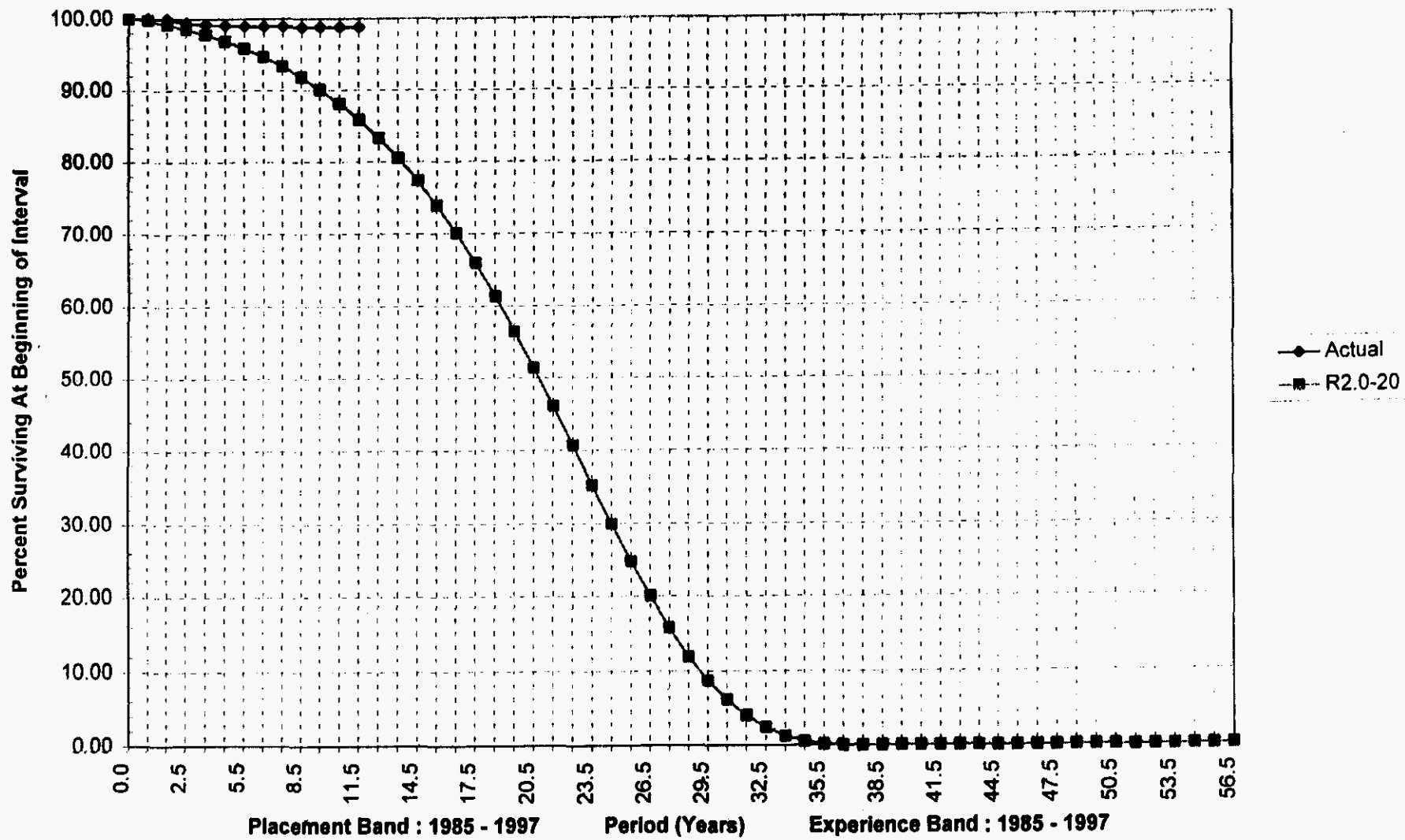
Average Age of Retirements: 2.51

Age At Beginning Of Interval	Exposures At Beginning Of Age Interval	Retirements During Age Interval	Retirement Ratio	Percent Surviving At Beginning Of Age Interval
(a)	(b)	(c)	(d)=(c)/(b)	(e)
0.0	57,428,840	5,072	0.0001	100.00
0.5	40,633,467	(450)	0.0000	99.99
1.5	26,920,370	147,128	0.0055	99.99
2.5	23,034,288	59,999	0.0026	99.45
3.5	11,703,775	17,836	0.0015	99.19
4.5	7,979,918	8,036	0.0010	99.04
5.5	7,244,723	-	0.0000	98.94
6.5	2,245,663	-	0.0000	98.94
7.5	1,435,536	2,044	0.0014	98.94
8.5	167,521	-	0.0000	98.80
9.5	20,962	-	0.0000	98.80
10.5	20,815	-	0.0000	98.80
11.5	20,815	-	0.0000	98.80
12.5				98.80
<b>Total</b>	178,856,693	239,665		



## Account 397.8 -- COMMUNICATION EQUIPMENT (FIBER OPTICS)

PS



## Florida Power & Light Company

### Indicated Survivor Method

#### Account 397.8 – COMMUNICATION EQUIPMENT (FIBER OPTICS) COMPANY COMPOSITE

**Parameters used for Account :**

Survivor Curve..... Iowa Type R2

Average Service Life..... 20.0 Years

Vintage Year	Gross Additions	Actual Percent Surviving	Actual Plant Surviving	Remaining Life (Years)	Future Dollar Years
(a)	(b)	(c)	(d)	(e)	(f)
1997	16,816,657	100.00	16,816,657	19.55	328,765,644
1996	6,423,314	100.00	6,423,314	18.65	119,794,806
1995	2,870,507	99.47	2,855,316	17.77	50,738,965
1994	11,723,183	99.52	11,666,468	16.91	197,279,974
1993	3,897,976	97.71	3,808,723	16.06	61,168,091
1992	767,907	92.62	711,228	15.22	10,824,890
1991	4,876,221	100.00	4,876,221	14.41	70,266,345
1990	815,199	99.38	810,127	13.61	11,025,828
1989	1,282,727	98.69	1,265,971	12.83	16,242,408
1988	146,560	100.00	146,560	12.07	1,768,979
1987	147	100.00	147	11.33	1,666
1985	20,815	100.00	20,815	9.91	206,277
<b>Balances</b>	<b>49,641,213</b>		<b>49,401,547</b>	<b>17.57</b>	<b>868,083,873</b>

**Average Age of Survivors = 2.78 Years**



**Net Salvage  
Section**

## NET SALVAGE ANALYSIS

For each account in the Transmission, Distribution, and General Plant functions, we reviewed information available to us from Company records, engineering estimates, and other sources of information relevant to cost of removal and salvage trends. Analysis of this information enabled us to derive rates for removal cost and salvage for each of the FERC accounts in these functions.

In this study we added salvage and removal cost data to the information collected during previous studies and estimated the relationship between removal cost and gross salvage to the retirement amounts. The main problem encountered in this kind of analysis is related to time synchronization of salvage components. Timing differences can and do exist for these cost components. Removal costs for an item of plant may be incurred some time before the retirement occurs. Similarly, there may be a difference between the date an item of property is retired and the date salvage is realized. Thus, the data in the accounting records regarding removal costs and gross salvage and the retirements may be misleading as to the relationships that exist between and among these components. It cannot be assumed that removal cost or salvage recorded in the company's records in a given time period relate to the amounts recorded as retirements for that period. Accordingly, we have applied our professional judgment, based on our understanding of the particular account and the information we have been able to gather from the sources mentioned above, to adjust the rates indicated by the computations. We have also attempted to remove reimbursements from the salvage analysis (as we have done in our life analysis), since reimbursements cannot be relied upon to be indicative of the future.

Retirement activity in some accounts has been sporadic, resulting in net salvage computations which are not representative of future expectations. The high positive net salvage shown for FERC Account 350.2, Easements, is an example of this. Based on our knowledge of the characteristics of that account, we are recommending a zero net salvage percentage.

A summary, for each account and function, of the cost of removal and salvage percentages computed from the data recorded in the Company's accounting records during the 1979 through 1997 period follows. Next to the two columns containing rates for removal and salvage computed from actual data are three columns containing our recommended percentages for these components and the recommended net salvage percentage. The recommended percentages are used in Schedule II of each function to derive the average remaining life depreciation rate.

FLORIDA POWER & LIGHT COMPANY  
NET SALVAGE ANALYSIS  
Using Data From 1979 Through 1987

Plant Account					From Property Record System			Recommendations			
	Salvage		Total	Cost of Removal	Retirements	Salvage Percentage	Cost of Removal Percentage	Net Salvage Percentage	Salvage Percentage	Cost of Removal Percentage	Net Salvage Percentage
	108.4	108.9									
(a)	(b)	(c) = (a) + (b)	(d)	(e)	(f) = (c)/(e)	(g) = (d)/(e)	(h) = (f)-(g)	(i)	(j)	(k) = (i)-(j)	
<b>Transmission</b>											
350.2	(2,300)	137,665	135,365	0	59,293	232.2%	0.0%	232.2%	0.0%	0.0%	0.0%
352.0	156,038	16,355	172,393	715,119	740,344	23.3%	96.6%	-73.3%	20.0%	25.0%	-5.0%
353.0	3,659,507	16,321,593	19,981,100	7,737,034	69,047,465	28.9%	11.2%	17.7%	25.0%	15.0%	10.0%
354.0	86,289	0	86,289	101,431	1,611,484	6.0%	6.3%	-0.3%	10.0%	25.0%	-15.0%
355.0	1,390,792	6,777,492	7,168,284	18,568,488	22,230,979	32.2%	83.5%	-51.3%	35.0%	80.0%	-45.0%
356.0	2,847,615	2,430,787	5,078,402	12,024,761	24,063,904	21.1%	80.0%	-58.9%	25.0%	55.0%	-30.0%
357.0	619	2,292,890	2,293,509	328,577	672,035	339.8%	48.9%	290.9%	0.0%	0.0%	0.0%
358.0	10,600	810,610	821,210	425,191	1,216,802	67.5%	34.9%	32.6%	0.0%	0.0%	0.0%
359.0	19,945	62,477	82,422	207,930	380,590	21.7%	54.6%	-32.9%	0.0%	0.0%	0.0%
<b>Distribution</b>											
361.0	159,121	66,957	226,078	460,320	1,144,694	19.9%	40.2%	-20.3%	20.0%	25.0%	-5.0%
362.0	4,700,039	3,923,729	8,623,768	12,765,440	67,811,449	14.8%	22.0%	-7.1%	15.0%	25.0%	-10.0%
364.0	5,546,723	21,479,494	27,026,217	46,430,592	82,590,784	43.2%	74.2%	-31.0%	40.0%	75.0%	-35.0%
365.0	18,932,973	6,367,034	25,300,007	58,320,242	74,642,744	33.9%	78.1%	-44.2%	30.0%	60.0%	-50.0%
366.0	137,263	1,728,185	1,865,448	1,084,070	5,256,454	35.5%	20.6%	14.9%	0.0%	0.0%	0.0%
366.6	(28,651)	747,702	719,051	572,258	2,623,541	25.5%	20.3%	5.2%	0.0%	0.0%	0.0%
366.7	29,255	59,640	88,895	(68,701)	214,781	41.4%	-32.0%	73.4%	0.0%	0.0%	0.0%
367.0	8,109,713	10,689,185	18,798,898	8,817,804	56,579,457	33.2%	15.6%	17.6%	0.0%	0.0%	0.0%
367.6	2,085,247	2,239,967	4,325,214	5,694,004	29,711,932	14.6%	19.2%	-4.6%	15.0%	15.0%	0.0%
367.7	3,802,019	655,324	4,457,343	1,186,674	18,680,593	23.9%	6.4%	17.5%	0.0%	0.0%	0.0%
368.0	(18,443)	9,599,172	9,580,729	38,272,805	126,525,683	7.6%	29.8%	-22.3%	5.0%	30.0%	-25.0%
369.1	1,170,369	263,926	1,434,295	11,460,254	12,783,528	11.2%	69.8%	-78.6%	10.0%	70.0%	-60.0%
369.7	52,804	380,247	433,051	587,088	11,005,126	3.9%	5.3%	-1.4%	0.0%	0.0%	0.0%
370.0	(16,023)	635,680	619,657	781	31,623,407	1.9%	0.0%	1.9%	0.0%	0.0%	0.0%
371.0	666,382	125,953	792,335	3,121,686	11,595,594	6.6%	28.9%	-20.1%	5.0%	25.0%	-20.0%
373.0	(1,147,865)	2,371,970	1,224,105	11,104,480	34,654,308	3.5%	32.0%	-28.5%	0.0%	35.0%	-35.0%
<b>General Plant</b>											
390.0	25,806	4,467,035	4,512,841	837,209	15,684,672	28.4%	5.3%	23.1%	0.0%	0.0%	0.0%
390 - FPL	25,806	4,467,035	4,512,841	837,209	14,667,322	30.8%	5.7%	25.1%	0.0%	0.0%	0.0%
390 - LRIC	0	0	0	0	1,217,350	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
392 - Aircraft	0	8,729,985	8,729,985	160,976	36,104,701	24.2%	0.4%	23.8%	50.0%	0.0%	50.0%
392.1	0	518,026	518,026	520	4,249,581	12.2%	0.0%	12.2%	10.0%	0.0%	10.0%
392.2	0	2,514,334	2,514,334	45	17,475,359	14.4%	0.0%	14.4%	15.0%	0.0%	15.0%
392.3	0	16,296,031	16,296,031	6,160	85,202,203	19.1%	0.0%	19.1%	20.0%	0.0%	20.0%
392.4	0	0	0	0	0	0.0%	0.0%	0.0%	20.0%	0.0%	20.0%
392.9	0	1,009,607	1,009,607	302	3,656,223	27.6%	0.0%	27.6%	30.0%	0.0%	30.0%
393.0	0	103,216	103,216	0	669,842	15.4%	0.0%	15.4%	5.0%	0.0%	5.0%
394.0	86,040	367,899	453,939	789,424	2,683,427	16.9%	29.4%	-12.5%	0.0%	0.0%	0.0%
395.0	18,854	33,701	52,555	104	1,603,105	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%
396.0	(1,287)	673,994	672,707	700	4,616,578	14.6%	0.0%	14.6%	20.0%	0.0%	20.0%
396.1	(1,287)	655,561	654,274	0	2,407,081	27.2%	0.0%	27.2%	20.0%	0.0%	20.0%
396.8	0	11,803	11,803	0	151,782	7.6%	0.0%	7.6%	20.0%	0.0%	20.0%
397.0	0	16,800	16,800	1,329	1,856,356	0.9%	0.1%	0.6%	0.0%	0.0%	0.0%
397.1	0	3,870	3,870	3,743	2,454,480	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
397.3	0	11,391	11,391	0	849,806	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%
397.6	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
397.8	371	17,000	17,371	37,983	244,736	7.1%	15.5%	-8.4%	5.0%	0.0%	5.0%

General Ledger 108.4  
Salvage

Plant Account	Ledger Year 1979-1984	Ledger Year 1985	Ledger Year 1986	Ledger Year 1987	Ledger Year 1988	Ledger Year 1989	Ledger Year 1990	Ledger Year 1991	Ledger Year 1992	Ledger Year 1993	Ledger Year 1994	Ledger Year 1995	Ledger Year 1996	Ledger Year 1997	Total All Ledger Years
															(2,300)
<b>Transmission</b>															
350.2	(2,300)	0	0	0	0	0	0	0	0	0	0	0	0	0	156,036
352.0	14,352	0	3,208	82	1,118	(873)	411	0	3,833	28,640	3,608	6,013	25,031	70,337	3,658,607
353.0	1,501,709	41,387	242,287	38,311	151,971	221,859	191,252	210,884	186,178	377,881	189,886	68,078	101,807	135,339	96,289
354.0	82,594	0	0	0	0	0	0	0	0	487	3,208	0	0	0	1,390,792
355.0	567,895	20,521	88,222	33,157	46,805	142,558	44,133	89,107	143,888	124,869	42,637	48,078	21,189	20,643	2,847,615
356.0	648,038	32,282	54,767	186,741	183,224	203,814	418,388	213,191	226,240	154,084	186,701	75,857	116,506	88,615	819
357.0	300	0	0	0	0	319	0	0	0	0	0	0	0	0	10,600
358.0	10,600	0	0	0	0	0	0	0	0	0	0	0	0	0	19,945
359.0	(1,400)	0	0	0	21,345	0	0	0	0	0	0	0	0	0	
<b>Distribution</b>															
361.0	2,101	4,223	2,080	444	785	201	151	1,896	53	13,346	89,014	17,887	14,488	2,452	159,121
362.0	1,350,497	129,206	350,949	219,381	184,159	389,595	298,478	252,051	269,485	170,537	671,677	277,456	122,102	38,485	4,700,039
364.0	1,001,248	112,086	289,389	295,025	329,797	375,758	445,855	353,200	352,247	482,368	189,675	330,708	466,400	522,969	5,546,723
365.0	5,708,119	311,717	1,102,082	1,339,346	1,422,010	1,810,399	2,039,182	748,327	1,185,542	1,048,247	327,407	6,111	6,158	725	137,263
366.0	96,117	6,429	13,341	(1,383)	15,289	6,866	(5,722)	(33,516)	29,826	(7,574)	8,111	6,158	725	2,596	(28,651)
366.6	(21,757)	2,113	8,435	(5,326)	12,135	4,400	(6,289)	(34,043)	8,368	(11,722)	6,979	6,030	686	1,340	29,255
366.7	(18,785)	4,316	4,908	3,843	3,154	2,488	567	527	21,458	4,148	1,132	128	39	1,256	8,109,713
367.0	565,405	172,698	937,144	667,078	892,112	1,017,491	1,428,404	952,942	478,267	314,100	180,726	197,653	197,934	131,759	2,085,247
367.6	(558,348)	35,937	309,349	262,620	380,012	315,080	328,368	224,383	308,602	233,882	102,045	64,821	43,677	37,037	3,802,019
367.7	(1,098,696)	136,761	627,795	404,458	512,100	702,431	1,100,036	728,559	167,665	80,418	58,681	132,832	154,257	94,722	(18,443)
368.0	1,046,187	(110,619)	88,916	150,770	(324,774)	(122,028)	(1157,360)	(871,123)	(78,518)	(57,585)	42,874	61,855	13,004	19,958	1,170,389
369.1	412,062	30,584	61,631	71,105	113,605	110,080	80,364	52,525	69,009	51,989	33,444	29,095	21,356	33,800	52,804
369.7	284	367	1,751	2,836	6,930	8,643	8,640	4,657	6,492	5,370	5,677	507	355	295	(16,023)
370.0	12,124	0	482	15,385	(14,234)	1,576	14,830	(346,717)	270,723	20,806	8,791	189	42	0	666,382
371.0	246,188	15,140	82,820	60,785	59,698	59,108	61,767	12,821	44,523	17,093	11,711	7,215	4,260	1,473	(1,147,865)
373.0	517,982	(11,908)	(111,168)	(142,990)	(85,163)	(153,694)	(172,298)	(952,467)	(192,889)	(220,040)	67,120	24,469	119,118	168,063	25,806
<b>General Plant</b>															
390.0	15,400	0	4,101	101	0	6,204	0	0	0	0	0	0	0	0	25,806
390 - FPL	15,400	0	4,101	101	0	6,204	0	0	0	0	0	0	0	0	0
390 - LRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392 - Aircraft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86,040
393.0	0	0	0	0	0	0	3,352	0	0	0	0	0	0	0	18,854
394.0	82,688	0	0	0	0	0	0	0	0	0	0	0	0	0	(1,287)
395.0	18,854	0	0	0	0	0	(1,287)	0	0	0	0	0	0	0	(1,287)
396.0	0	0	0	0	0	0	(1,287)	0	0	0	0	0	0	0	0
396.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
396.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.6	0	0	0	0	0	371	649	(649)	0	0	0	0	0	0	371
397.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



General Ledger 106.9  
Other Recoveries

Plant Account	Ledger Year 1979-1984	Ledger Year 1985	Ledger Year 1986	Ledger Year 1987	Ledger Year 1988	Ledger Year 1989	Ledger Year 1990	Ledger Year 1991	Ledger Year 1992	Ledger Year 1993	Ledger Year 1994	Ledger Year 1995	Ledger Year 1996	Ledger Year 1997	Total AN Ledger Years
<b>Transmission</b>															
350.2	62,368	0	52,818	0	0	165	0	1,000	0	10,070	0	0	11,443	0	137,865
352.0	9,947	0	0	(133,803)	140,198	0	0	0	0	6,892	(6,892)	0	0	55	16,355
353.0	2,610,886	112,787	46,174	166,051	886,777	1,478,231	887,837	2,438,138	1,330,735	332,824	261,428	893,360	3,875,677	1,352,571	16,321,593
354.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
355.0	2,436,960	16,037	23,847	41,987	406,636	387,479	478,181	142,854	238,307	1,548,888	(708,099)	14,360	354,282	181,298	5,777,492
356.0	1,067,686	0	74,751	11,198	106,241	38,231	200,048	25,827	11,528	18,031	826,302	5,131	21,833	24,316	2,430,787
357.0	228,810	0	0	0	24,880	0	0	0	0	0	0	0	0	2,029,690	2,282,690
358.0	(82,333)	0	0	0	232,733	0	0	0	0	0	0	0	0	670,410	810,810
359.0	39,006	0	23,472	0	0	0	0	0	0	0	0	0	0	0	62,477
<b>Distribution</b>															
361.0	26,964	0	0	6,316	1,002	0	0	0	0	41,949	(6,274)	0	0	0	68,952
362.0	321,366	(22)	267,895	73,500	(292)	184,260	38,462	90,783	166,103	866,217	317,774	26,145	166,391	1,413,037	3,923,729
364.0	5,553,487	417,520	1,239,251	1,283,325	1,428,445	956,181	1,518,646	369,119	1,086,624	1,318,648	1,884,991	1,583,410	1,939,363	799,284	21,478,494
365.0	2,093,083	103,226	252,475	557,719	333,566	104,488	224,289	42,249	292,871	194,794	405,311	136,613	1,031,985	594,375	6,387,034
366.0	648,781	5,529	36,848	15,607	6,065	10,013	(3,632)	28,202	13,348	56,176	86,306	224,789	52,548	351,607	1,728,185
366.8	(50,073)	445	35,718	13,143	(1,659)	2,428	4,311	21,584	8,133	50,799	74,278	215,945	38,234	334,416	747,702
366.7	(23,989)	5,084	1,130	2,464	7,724	7,587	(7,943)	4,618	5,213	5,377	12,028	8,844	14,314	17,189	59,640
367.0	5,977,763	53,922	289,537	1,338,575	83,230	92,071	227,134	71,228	230,833	372,578	319,932	389,297	512,826	730,261	10,689,185
367.8	(309,736)	7,480	56,018	73,882	89,268	73,088	171,789	142,597	143,963	330,439	222,076	483,769	368,347	377,007	2,239,967
367.7	(1,508,395)	46,442	233,519	1,264,893	(16,039)	18,983	55,365	(171,369)	88,870	42,137	97,856	(94,472)	144,479	353,254	655,324
368.0	785,253	(405,004)	93,641	480,952	381,836	168,781	64,408	64,667	8,379,837	(1,782,978)	544,364	378,218	281,411	157,586	9,599,172
369.1	(4,907)	6,685	13,711	10,871	13,610	8,099	12,518	19,104	30,358	41,943	47,171	34,846	51,838	380,247	
369.7	59,209	1,325	8,988	5,465	8,315	12,657	9,702	10,104	10,725	61,131	49,168	58,724	34,876	51,838	380,247
370.0	25,558	188	1,992	237,353	(4,639)	118,564	500	137	248,914	(43,539)	37,000	13,461	0	221	635,680
371.0	13,783	1,587	1,322	717	786	1,202	4,711	(1,419)	6,480	10,490	10,515	21,226	10,039	44,514	125,953
373.0	705,847	6,640	55,688	514,278	37,218	74,560	36,185	64,078	40,650	53,684	148,994	115,002	80,707	438,441	2,371,970
<b>General Plant</b>															
390.0	71,650	2,204	0	0	55	0	4,038	358,204	0	262,451	77,004	0	1,774,092	1,939,339	4,487,035
390 - FPL	71,650	2,204	0	0	55	0	4,038	358,204	0	262,451	77,004	0	1,774,092	1,939,339	4,487,035
390 - LRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392 - Aircraft	3,247,571	6,306	11,844	320,829	442,740	210,082	400,313	0	1,335	(1,335)	3,246	2,888,333	(69,059)	1,268,000	8,729,985
392.1	(39,650)	4,984	34,686	118,955	44,254	55,681	58,752	8,987	78,611	42,531	33,821	18,438	37,658	20,142	518,026
392.2	178,425	0	0	0	80,584	184,914	284,989	78,938	174,786	554,805	453,571	177,164	362,616	15,532	2,514,334
392.3	207,272	72,665	256,511	366,332	282,510	777,169	1,256,607	485,985	1,911,125	2,565,179	2,247,405	1,789,596	2,251,786	1,855,889	16,296,031
392.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.9	(55,976)	8,724	49,251	80,818	25,309	58,643	111,578	28,564	196,968	69,461	170,029	68,592	174,252	25,493	1,009,607
393.0	34,515	0	0	0	0	0	8,322	17,048	7,930	35,401	0	0	0	0	103,216
394.0	140,440	0	0	0	0	0	37,288	120,094	18,120	51,947	0	0	0	0	367,899
395.0	33,381	0	0	0	0	0	320	0	0	0	0	0	0	0	33,701
396.0	673,994	0	0	0	0	0	0	0	0	0	0	0	0	0	673,994
396.1	(364,284)	69,132	109,457	77,968	14,131	93,806	100,006	10,914	118,181	81,549	36,121	83,821	76,756	148,413	655,561
396.8	0	0	0	0	0	0	0	0	0	11,803	0	0	0	0	11,803
397.0	16,800	0	0	0	0	0	0	0	0	0	0	0	0	0	16,800
397.1	770	0	0	0	0	0	0	0	0	3,100	0	0	0	0	3,870
397.3	1,731	0	0	0	0	0	8,620	400	185	455	0	0	0	0	11,391
397.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.9	0	0	0	0	0	0	0	0	0	0	0	0	17,000	0	17,000

General Ledger 108.3  
Removal Cost

Plant Account	Ledger Year 1979-1984	Ledger Year 1985	Ledger Year 1986	Ledger Year 1987	Ledger Year 1988	Ledger Year 1989	Ledger Year 1990	Ledger Year 1991	Ledger Year 1992	Ledger Year 1993	Ledger Year 1994	Ledger Year 1995	Ledger Year 1996	Ledger Year 1997	Total All Ledger Years
<b>Transmission</b>															
350.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
352.0	10,848	0	11,340	2,747	11,061	27,325	137,580	100,709	48,746	56,387	289,856	(3,826)	4,773	8,703	715,119
353.0	1,163,220	31,807	131,029	168,914	338,010	328,147	674,627	577,648	360,734	465,462	780,311	798,505	1,271,257	679,366	7,737,036
354.0	2,800	0	0	0	0	0	0	0	8,545	26,189	5,416	1,350	58,659	573	101,431
355.0	3,796,401	180,788	707,829	688,589	1,010,388	1,120,726	1,068,249	663,292	1,668,228	1,623,260	1,775,005	1,287,485	1,882,481	1,106,791	16,566,469
356.0	1,881,289	87,726	561,321	606,341	1,008,304	711,181	782,439	385,853	1,576,772	1,427,640	737,594	783,744	748,484	704,683	12,024,791
357.0	0	20,000	0	0	0	0	0	0	0	0	204,891	27,313	7,890	89,502	328,577
358.0	4,200	0	66,000	0	0	16,831	(9,081)	0	0	0	204,891	10,758	70,367	56,885	428,181
359.0	19,087	(2,682)	22,337	58,801	7,861	15,488	9,578	4,597	12,674	4,026	9,391	9,148	30,079	3,713	207,930
<b>Distribution</b>															
361.0	(29,705)	13,804	4,713	7,393	11,561	1,015	24,895	62,142	75,923	185,095	44,897	15,254	29,405	4,128	460,320
362.0	1,841,363	147,251	303,210	384,103	580,347	701,107	1,651,440	1,312,971	1,104,815	1,374,273	1,182,191	772,884	863,243	536,862	12,765,440
364.0	10,078,088	685,916	2,363,699	2,422,066	2,426,690	2,649,899	3,124,774	2,806,378	4,121,810	4,051,453	3,590,970	3,030,324	2,699,155	2,299,540	46,430,562
365.0	14,182,887	783,359	2,257,166	2,836,327	3,529,159	4,167,307	4,765,017	3,799,004	5,351,820	4,583,420	3,378,862	3,406,488	3,325,251	2,194,197	58,320,242
366.0	387,565	28,381	45,565	88,084	22,737	26,181	(17,230)	17,658	137,953	43,256	11,712	70,170	22,407	217,431	1,084,070
366.6	(189,794)	20,743	35,264	30,671	40,524	42,392	37,239	47,459	91,033	91,333	65,753	85,998	77,916	65,527	572,258
366.7	(43,154)	7,638	10,301	57,213	(17,787)	(14,211)	(54,469)	(29,601)	46,920	(48,077)	(54,041)	(25,828)	(55,509)	151,904	(68,701)
367.0	1,014,831	168,303	385,837	478,129	361,990	406,002	597,248	563,342	1,041,598	844,448	668,673	734,130	875,336	659,937	8,817,804
367.6	(648,165)	126,638	275,059	324,429	325,574	344,374	530,362	465,053	815,266	699,150	583,376	632,227	802,340	418,321	5,694,004
367.7	(262,130)	39,665	110,778	153,700	36,416	61,628	66,866	98,289	226,332	145,298	105,297	101,903	72,996	241,616	1,198,674
368.0	5,334,011	1,343,941	2,527,490	1,747,704	1,598,353	1,640,587	2,398,593	2,266,414	2,455,333	2,878,768	2,446,207	3,602,392	4,355,410	3,477,602	38,272,805
369.1	3,013,265	193,557	545,263	514,363	497,270	538,933	514,754	517,011	879,037	840,382	1,032,517	1,058,621	788,252	527,029	11,460,254
369.7	72,614	7,493	23,586	31,882	18,043	22,994	21,813	27,170	76,731	55,931	50,382	74,254	39,008	67,387	587,068
370.0	(3,005)	0	68	1,781	888	188	165	470	91	62	223	70	0	0	781
371.0	658,835	42,040	145,496	185,278	206,459	151,194	156,150	193,790	357,254	213,450	241,060	280,887	196,674	91,161	3,121,686
373.0	3,901,672	393,442	478,774	404,254	390,688	378,208	380,709	327,097	548,022	809,512	809,651	1,051,358	940,348	489,744	11,104,480
<b>General Plant</b>															
390.0	71,074	1,250	2,247	6,998	178,132	10,156	9,304	14,927	93,304	9,859	14,088	168,485	186,189	71,196	837,209
390 - FPL	71,074	1,250	2,247	6,998	178,132	10,156	9,304	14,927	93,304	9,859	14,088	168,485	186,189	71,196	837,209
390 - LRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392 - Aircraft	1,744	3,075	0	0	0	292	11,398	304	0	0	10,107	0	134,060	0	160,978
392.1	0	0	0	0	0	0	520	0	0	0	0	0	0	0	520
392.2	0	0	0	0	0	0	45	0	0	0	0	0	0	0	45
392.3	(29)	0	29	0	0	0	(3,348)	11,384	(11,777)	32,799	23,544	(20,009)	(31,730)	5,295	6,160
392.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
392.9	128	0	0	0	0	0	174	0	0	0	0	0	0	0	302
393.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
394.0	593,719	0	0	0	0	0	5,822	101,226	248,657	(160,000)	0	0	0	0	789,424
395.0	104	0	0	0	0	0	0	0	0	0	0	0	0	0	104
396.0	700	0	0	0	0	0	0	0	0	0	0	0	0	0	700
396.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
396.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.0	1,329	0	0	0	0	0	0	0	0	0	0	0	0	0	1,329
397.1	3,743	0	0	0	0	0	0	0	0	0	0	0	0	0	3,743
397.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
397.8	0	0	0	0	0	0	0	0	0	0	108	645	37,857	(827)	37,983

General Ledger 108.2  
Retirements

Plant Account	Ledger Year 1979-1984	Ledger Year 1985	Ledger Year 1986	Ledger Year 1987	Ledger Year 1988	Ledger Year 1989	Ledger Year 1990	Ledger Year 1991	Ledger Year 1992	Ledger Year 1993	Ledger Year 1994	Ledger Year 1995	Ledger Year 1996	Ledger Year 1997	Total All Ledger Years
<b>Transmission</b>															
350.2	32,828	0	24,408	0	(11,441)	185	24	998	0	0	1,188	(1,116)	3,133	8,310	58,293
352.0	47,767	647	10,899	23,848	40,490	45,891	89,974	141,529	30,461	52,839	65,007	21,658	87,344	112,193	740,344
353.0	11,412,848	393,220	2,708,180	359,882	2,381,901	1,413,838	3,892,883	3,785,838	3,064,858	7,220,873	10,918,440	6,109,809	11,018,936	6,430,883	69,047,486
354.0	119,700	0	0	(20,091)	0	0	109	0	0	55,878	789,908	120,774	846,084	0	1,811,464
355.0	4,484,138	220,837	781,022	871,898	950,892	1,100,893	1,949,875	1,162,108	1,308,329	1,458,829	2,848,071	2,189,700	1,481,478	1,840,348	22,230,979
356.0	2,988,674	262,315	886,098	781,813	1,080,188	1,042,912	1,648,883	843,890	1,041,408	2,829,884	3,381,313	1,988,487	1,940,871	4,218,390	24,083,904
357.0	203,380	0	(18,893)	0	3,020	0	12,278	0	37,200	0	118,803	0	278,898	38,971	872,036
358.0	838,200	(8,600)	(78,384)	2,128	30,128	18,718	(20,308)	0	0	0	178,856	88,832	403,236	85,898	1,218,902
359.0	67,402	4,508	11,898	44,240	23,914	30,438	18,841	12,348	30,410	8,849	14,819	16,907	68,564	27,868	380,590
<b>Distribution</b>															
361.0	153,998	1,373	23,333	35,397	81,288	43,824	59,768	125,902	58,149	115,003	271,882	24,322	114,986	58,512	1,144,894
362.0	9,514,438	939,603	2,788,888	2,808,918	2,388,456	3,790,198	3,457,473	3,284,551	7,043,078	5,480,082	7,388,278	2,700,925	2,892,789	3,538,716	57,911,449
364.0	19,415,337	1,280,668	2,980,302	2,733,318	2,851,039	3,098,912	3,357,759	3,072,734	2,889,007	3,048,523	2,160,211	13,381,837	1,295,572	947,544	62,590,784
365.0	18,485,634	1,159,982	3,018,667	4,083,102	4,961,164	6,438,287	6,693,843	5,888,591	5,797,298	5,878,113	4,078,951	2,863,878	3,058,817	2,157,738	74,642,744
366.0	659,249	45,728	256,191	434,308	348,201	476,457	495,987	393,322	359,265	298,559	404,473	332,713	388,982	387,027	5,258,454
366.8	(1,507,950)	50,051	247,604	424,888	330,724	454,703	470,885	371,688	332,454	279,190	374,236	302,078	365,809	327,401	2,823,541
366.7	(52,933)	(4,325)	8,587	9,440	17,477	21,754	25,102	21,834	28,811	17,369	30,237	30,635	23,373	39,620	214,781
367.0	2,438,093	890,659	2,508,623	2,992,896	3,772,859	4,435,459	5,621,440	5,702,731	6,184,359	4,856,899	4,262,376	4,145,533	4,566,370	4,200,760	56,579,457
367.6	(3,648,056)	599,876	1,517,920	2,001,587	2,776,919	2,840,724	3,519,236	3,220,223	3,490,800	2,718,016	2,829,750	2,896,897	3,065,320	2,282,720	29,711,932
367.7	(2,100,783)	290,783	990,703	991,109	995,940	1,594,735	2,102,204	2,482,508	2,693,559	2,138,883	1,833,226	1,448,636	1,501,050	1,918,040	18,880,593
368.0	25,195,345	1,451,900	9,513,950	7,630,843	7,237,358	7,993,488	7,217,350	748,221	17,707,773	8,996,971	10,302,210	8,805,971	9,065,918	8,658,407	128,525,683
369.1	3,964,408	278,683	668,141	960,394	721,958	782,894	935,612	788,630	804,886	751,894	644,792	644,194	470,479	386,763	12,763,528
369.7	485,941	20,004	359,501	1,597,374	843,389	809,884	778,282	612,089	573,894	970,412	779,515	1,312,797	802,492	1,081,742	11,005,126
370.0	4,862,108	331,553	690,531	817,884	1,622,893	1,016,528	817,400	211,786	1,838,905	1,243,808	5,289,668	3,740,782	5,528,867	4,032,698	31,823,407
371.0	1,882,812	146,534	541,723	737,249	925,898	803,858	845,368	1,651,934	1,017,097	657,888	613,299	800,554	618,093	255,507	11,595,594
373.0	11,623,109	1,206,255	1,587,982	1,773,657	1,539,512	1,475,428	1,899,587	1,848,689	2,139,800	1,978,890	1,874,738	2,404,756	2,354,781	1,189,124	34,654,308
<b>General Plant</b>															
390.0	619,023	49,628	1,178,352	488,400	314,701	437,208	444,012	254,858	287,801	153,287	2,694,987	836,998	4,349,849	3,795,990	15,884,672
390 - FPL	847,351	49,628	1,132,524	488,400	314,701	254,708	282,888	252,758	281,641	108,833	2,694,987	836,998	4,349,849	2,832,058	14,667,322
390 - LRIC	(228,328)	0	45,828	0	0	182,500	181,124	1,900	25,960	44,434	0	0	963,932	1,217,350	
392 - Aircraft	27,392,114	0	0	1,259,044	418,512	585,757	0	0	0	1,713,152	0	0	4,768,122	0	36,104,701
392.1	(631,931)	142,792	489,139	914,762	517,474	507,273	323,563	240,218	558,892	311,059	216,275	169,517	317,011	173,717	4,249,581
392.2	1,177,630	0	0	727,552	1,441,313	1,387,636	846,465	945,232	2,690,768	2,000,475	2,082,190	1,726,675	2,669,421	17,475,358	
392.3	(1,183,063)	541,803	1,737,694	2,026,075	4,358,780	6,514,883	5,523,885	5,531,598	3,283,855	13,041,111	12,515,035	13,008,040	11,850,169	6,454,737	85,202,203
392.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
392.9	(255,540)	21,517	234,022	187,827	238,553	342,299	384,891	155,592	283,188	307,531	609,890	347,450	431,839	369,164	3,658,223
393.0	214,289	0	0	0	0	0	192,208	46,129	102,358	114,860	0	0	0	0	869,842
394.0	2,152,277	0	0	0	0	0	98,750	106,893	110,545	214,162	0	0	0	0	2,683,427
395.0	900,181	0	0	0	0	0	702,391	553	0	0	0	0	0	0	1,603,105
396.0	3,453,148	0	0	0	0	0	494,165	21,682	289,892	389,873	0	0	0	0	4,818,578
398.1	(1,610,114)	216,432	432,482	389,602	176,262	395,336	494,185	21,882	288,892	359,673	120,823	582,882	333,568	204,398	2,407,081
398.8	0	0	0	0	0	0	0	0	0	3,221	62,168	40,041	10,280	38,052	151,782
397.0	1,801,101	0	0	0	0	0	87,257	0	0	0	0	0	0	0	1,888,358
397.1	1,774,189	0	0	0	0	0	57,257	0	623,034	0	0	0	0	0	2,454,480
397.3	2,427	0	0	0	0	0	31,598	48,372	784,581	12,823	0	0	0	0	849,808
397.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
397.8	5,072	0	0	0	0	0	8,372	(1,300)	0	14,712	0	125,048	64,358	30,478	244,738