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Charles J. Beck Deputy Public Counsel

June 27, 2005

Blanca S. Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

Re: Docket Nos. 050045-EI & 050188-EI

Dear Ms. Bayo:

Enclosed for filing, on behalf of the Office of Public Counsel, are the original and 25 copies of the Direct Testimony of Michael J. Majoros, Jr.

Please indicate the time and date of receipt on the enclosed duplicate of this letter and return it to our office.

Sincerely,

Charles J. Beck
Deputy Public Counsel

GJB:bsr

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

06077 JUN 27 8

#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for rate increase by Florida Power & Light Company.	)	Docket No. 050045-EI
In re: 2005 comprehensive depreciation		Docket No. 050188-EI
study by Florida Power & Light Company.	) ) )	Dated: June 27, 2005

#### **DIRECT TESTIMONY**

**OF** 

MICHAEL J. MAJOROS, JR.

On Behalf of the Citizens of the State of Florida

Harold McLean Public Counsel

Office of Public Counsel c/o The Florida Legislature 111 West Madison Street Room 812 Tallahassee, FL 32399-1400

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Attorney for the Citizens of the State of Florida

OCCUMENT NUMBER-DATE 06077 JUN 27 8

FPSC-COMMISSION CLERK

1		DIRECT TESTIMONY				
2		OF				
3		MICHAEL J. MAJOROS, JR.				
4		ON BEHALF OF THE OFFICE OF PUBLIC COUNSEL				
5		BEFORE THE				
6		FLORIDA PUBLIC SERVICE COMMISSION				
7	DOCKET NOS. 050045-EI & 050188-EI					
8	Intro	oduction				
9	Q.	Please state your name, position and business address.				
10	A.	My name is Michael J. Majoros, Jr. I am Vice President of Snavely King				
11		Majoros O'Connor & Lee, Inc. ("Snavely King"), located at 1220 L Street, N.W.				
12		Suite 410, Washington, D.C. 20005.				
13	Q.	Please describe Snavely King.				
14	A.	Snavely King is a progressive economic consulting firm founded in 1970 to				
15		conduct research on a consulting basis into the rates, revenues, costs and				
16		economic performance of regulated firms and industries. Snavely King				
17		represents the interests of government agencies, businesses, and individuals				
18		who are consumers of telecom, public utility, and transportation services.				
19		Snavely King has a professional staff of 15 economists, accountants,				
20		engineers and cost analysts. Most of our work involves the development,				
21		preparation and presentation of expert witness testimony before Federal and				
22		state regulatory agencies. Over the course of our 35-year history, members of				
23		the firm have participated in more than 1,000 proceedings before almost all of				

- the state commissions and all Federal commissions that regulate utilities or transportation industries.
- 3 Q. Have you prepared a summary of your qualifications and experience?
- 4 A. Yes. Appendix A is a summary of my qualifications and experience. Appendix B contains a tabulation of my appearances as an expert witness before state and Federal regulatory agencies.
- 7 Q. For whom are you appearing in this proceeding?
- 8 A. I am appearing on behalf of the Florida Office of Public Counsel ("OPC").
- 9 Q. What is the subject of your testimony?
- 10 A. This testimony addresses depreciation.
- 11 Q. Do you have any specific experience in the field of public utility
  12 depreciation?
- 13 Α. Yes. I and other members of my firm specialize in the field of public utility depreciation. We have appeared as expert witnesses on this subject before 14 the regulatory commissions of almost every state in the country. I have 15 testified in over one hundred proceedings on the subject of public utility 16 17 depreciation and represented various clients in several other proceedings in 18 which depreciation was an issue but was settled. I have also negotiated on 19 behalf of clients in fifteen of the Federal Communications Commissions' 20 ("FCC") Triennial Depreciation Represcription conferences. In Florida, I have 21 personally appeared before this Commission during the past two years in the 22 TECO waterborne transport docket and the two most recent 2004 storm 23 dockets.
- 24 Q. Does your experience specifically include electric company

#### 1 depreciation?

- Yes. I have testified in several proceedings on the subject of electric company depreciation, and I have prepared testimony in several other electric proceedings in which depreciation was ultimately settled.
- 5 Purpose of Testimony
- 6 Q. What is the purpose of your testimony?
- 7 A. The OPC asked me to review the depreciation rates and proposals of the
  8 Florida Power & Light Company ("FPL" or "the Company"), and express an
  9 opinion regarding the reasonableness of those depreciation rates and expense
  10 proposals. I was also asked to make alternative recommendations if
  11 warranted.
- 12 Q. Do you have any experience involving Florida Power & Light Company?
- 13 A. Yes. I recently submitted testimony in Docket No. 041291-EI, Florida Power
  14 and Light Company's Petition for Authority to Recover Prudently Incurred
  15 Storm Restoration Costs Related to the 2004 Storm Season That Exceed the
  16 Storm Reserve Balance. In that Docket, I reviewed FPL's proposed storm cost
  17 recovery claims and made recommendations relating to those claims. I
  18 submitted Direct, Supplemental Direct and Additional Supplemental Direct
  19 testimony in that case.
- 20 Present Depreciation Rates
- 21 Q. When were the Company's present depreciation rates approved?

The majority of FPL's present depreciation rates were approved in Docket No. A. 1 971660-EI, Order No. PSC-99-0073-FOF-EI, issued January 8, 1999.1 2 Subsequent to the implementation of those rates, the parties entered a 3 settlement agreement approved in FPSC Order No. PSC-02-0501-AS-EI. 4 That agreement "authorized FPL to record a discretionary credit to income of 5 up to \$125 million of depreciation expense per year with the corresponding 6 debit recorded in a bottom line reserve."<sup>2</sup> According to FPL witness Davis, 7 "Through 2005, under the 2002 Stipulation, FPL will have recorded \$500 8 million to the bottom line reserve." This treatment resulted in the so-called 9 "bottom line reserve" which FPL proposes to remove from its accumulated 10 depreciation in its new depreciation study.4 11

# 12 Q. How were the present depreciation rates calculated?

13 A. The present rates are straight-line remaining life depreciation rates.<sup>5</sup>

# 14 <u>FPL's Proposed Depreciation Rates</u>

Q. Will you please summarize the Company's depreciation proposal in thisproceeding?

17 A. Yes. FPL initially filed its six-volume depreciation study on March 16, 2005 in
18 Docket No. 050188-EL, which was subsequently merged into this rate case
19 docket. Mr. K. Michael Davis sponsors FPL's depreciation study in his
20 Supplemental Direct Testimony.<sup>6</sup> Exhibit (MJM-1) summarizes Mr. Davis'

Supplemental Direct Testimony of K. Michael Davis, Docket Nos. 050188-EI and 050045-EI, ("Davis"), page 3. Five additional orders approved rates for specific production plant units.

<sup>&</sup>lt;sup>2</sup> Davis, page 6.

<sup>&</sup>lt;sup>3</sup> Davis, page 6.

<sup>&</sup>lt;sup>4</sup> Id., pages 6-7.

<sup>&</sup>lt;sup>5</sup> Id., page 4.

<sup>&</sup>lt;sup>6</sup> ld., page 1.

proposals. They are based on FPL's projected December 31, 2005 plant and reserve balances, which the Company intends to update for actual activity as well as "other known activity." As filed, FPL has identified a \$1.9 billion depreciation reserve surplus. After removing the \$329.75 million "bottom line reserve" from this, FPL used the adjusted reserve to calculate its proposed remaining life depreciation rates, which result in a \$181.2 million annual depreciation expense decrease based on the projected plant balances.

FPL also requests accelerated four-year capital recovery schedules for component replacements and estimated cost of removal in its nuclear function. These amount to an increase of \$25.7 million per year.<sup>8</sup> FPL also requests a remaining-life recovery schedule for its Cutler Site which is over-depreciated.

#### Fundamental Recommendation

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- 13 Q. Before discussing your individual disagreements with Mr. Davis, are 14 there any fundamental recommendations that you are making?
- 15 A. Yes, based solely on the Company's depreciation study as filed, and all other
  16 things being equal, and without any consideration of my other
  17 recommendations, the FPSC should amortize FPL's calculated reserve
  18 surplus back to ratepayers.

### FPL's Calculated Reserve Surplus

- 20 Q. Does FPL agree that it has a depreciation reserve surplus?
- 21 A. Yes, as shown on Exhibit\_\_\_(MJM-1) FPL calculated a \$1.9 billion depreciation reserve surplus which it then reduced to \$1.6 billion by applying the "Bottom Line Reserve."

<sup>&</sup>lt;sup>7</sup> March 16, 2005 Transmittal Letter to Blanco Bayo from H. Antonio Cuba, 050188-EI.

#### Q. What is a depreciation reserve surplus?

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A. A depreciation reserve surplus is an amount of money which has been collected in the past as depreciation expense and recorded in the accumulated depreciation account, resulting in an overage or surplus in that account based on current parameters. Conversely, if not enough depreciation has been collected in the past, FPL would report a reserve "deficiency."

#### 7 Q. What caused FPL's calculated reserve surplus?

A. FPL's calculated reserve surplus was caused primarily by the use of nuclear and steam production depreciation rates based on life assumptions which were too short., and the prior recovery of excessive fossil dismantlement costs.

#### 12 Q. Does FPL acknowledge that the lives were too short?

13 A. Yes, if not explicitly, FPL at least implicitly acknowledges that some of its life
14 estimates were too short by virtue of the fact that it calculated a depreciation
15 reserve surplus. The impact of past excessive depreciation rates can be
16 demonstrated by looking at the current status of several of the company's
17 fossil plants. Several of these plants are almost totally depreciated today and
18 they are still producing power. That means that the rates paid by past
19 customers were higher than needed.

## **Amortization of Depreciation Reserve Imbalances**

Q. How does this Commission usually treat depreciation reserve imbalances such as FPL's reserve surpluses or deficiencies?

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<sup>&</sup>lt;sup>8</sup> Davis, page 7.

A. In the past, the Commission has redistributed the book reserves to correct imbalances, and, in some cases, separated the imbalance from the accumulated depreciation account, and amortized the imbalance over a shorter period.

A.

For example, in a 1987 Southern Bell case, the Commission authorized new depreciation rates as recommended by Staff, including \$536 million in amortizations to cure reserve deficiencies that were ordered to be booked over various time periods ranging up to a maximum of 3 years. The most significant of the amortizations ordered by the Commission was a three-year amortization for cable asset reserve deficiencies.<sup>9</sup>

# Q. Can you provide examples of this sort of treatment being ordered for FPL?

Yes. In 1995 the Commission granted a request by the Company to book additional depreciation for its nuclear generating units to address the potential for stranded investment. The Company requested approval to book an additional \$30 million as a permanent annual amortization expense. In addition, the Company requested that additional depreciation be allowed for booking in 1995 and 1996 based on revenue forecasts. The combined total additional depreciation bookings proposed by the Company amounted to \$91 million in 1995 and \$148 million in 1996.<sup>10</sup>

In 1996, the Commission finalized its previous order relating to the need for additional nuclear generating depreciation expense. The order required the booking of approximately \$126 million to be booked "to the reserve deficiency

<sup>&</sup>lt;sup>9</sup> Docket No. 861618, Order No. 18029, Issued August 24, 1987.

in nuclear production, which was calculated to be \$175,304,010 as of January 1, 1994." In addition, the Commission also ordered, "Commencing in 1996, FPL shall record an annual \$30 million in nuclear amortization. The expense amount is final, however, the account to which it is booked remains subject to determination by the Commission in a future proceeding such as a generic stranded cost docket." In addition, this order required the Company to book additional expense in 1996 and 1997 subject to a revenue formula, to be booked first to the remaining nuclear reserve deficiency. <sup>11</sup>

In 1997, the Commission extended and modified the previously approved FPL plan for 1996 and 1997 concerning the recording of certain additional expenses for the years 1998 and 1999. This plan was based on booking additional expenses during a specific year based on retail sales levels. In establishing the priority for booking such expenses, the Commission ordered that the first priority would be the "Correction of any depreciation reserve deficiency resulting from an approved depreciation study order." 12

Following are significant quotes from this decision:

First, the appropriate benchmark should allow the Company to write-off the remaining underrecoveries as expeditiously as possible.

Witness Gower further testified that correction of the nuclear decommissioning and fossil dismantlement reserve deficiencies over a time period shorter than the remaining life of the associated plants is consistent with this Commission's prior actions.

Because the reserve deficiencies represent costs that should have been recovered in prior years, intergenerational equity

<sup>&</sup>lt;sup>10</sup> Florida Power & Light, Docket No. 95039, Order No. 950672, May 31, 1995.

<sup>&</sup>lt;sup>11</sup> Id., Order No. 960461, April 2, 1996.

<sup>&</sup>lt;sup>12</sup> Florida Power & Light, Docket No. 970410, Order No. 970499, April 29, 1997.

suggests that these deficiencies be recovered quickly so that future ratepayers are not burdened with an unfair share. This correction is not an acceleration of expenses appropriately attributable to future periods but, in fact, is remedial because it addresses expenses appropriately attributable to prior years and therefore corrects intergenerational inequities. The intergeneration inequity has already occurred and, if not corrected by the proposed plan, will only be exacerbated.

The record evidence demonstrates that the tenet of intergenerational equity dictates that, in this docket, correcting reserve deficiencies over a shorter period of time is more reasonable or fair than correcting the reserve deficiency over the remaining life.<sup>13</sup>

I agree with Mr. Gower's testimony and the Commission has repeatedly followed the approach that he has articulated so well. My recommendations in this docket regarding the reserve surplus are consistent with the principals he has described and that the Company has adopted in the past.

In addition to the issue of eliminating reserve deficiencies over the remaining life as opposed a shorter period, the Commission also considered the transfer of reserve surpluses in order to resolve reserve deficiencies. In this regard, the Commission stated, "This Order (Order No. 931231 dated September 30, 1994) clearly shows that our approach to reserve transfers is to make them between accounts within the same function and not between accounts across functions." The Commission added, "in conclusion, we will not consider reserve transfers between functions because they may result in pricing issues."

<sup>&</sup>lt;sup>13</sup> ld.

<sup>&</sup>lt;sup>14</sup> ld.

In 1999, the Commission approved new depreciation rates for FPL effective January 1, 1998. The order included the elimination of significant The order states that the allocations relate to the reserve deficiencies. additional depreciation expense recorded in accordance with Order No. PSC-96-04610-FOF-El, issued April 2, 1996, the accumulated reserve adjustments attributable to interest synchronization related to ITCs and the additional depreciation expense recorded in accordance with Order No. 980027. The order rebalanced the generation reserves by booking \$322 million additional expense on an account specific basis to eliminate all deficiencies except \$91 million. The order also noted that the Company had already recorded an additional \$90 million in additional nuclear generation expense, however, the Commission deferred the request of the Company to apply the \$90 million on an account specific basis. Therefore, as of January 1, 1999, the Company's total generation reserves were equal to their theoretical reserves based on the most recent study by the Company. 15

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In 2000, the Commission revised the fossil dismantlement reserves and accruals for the Company based on a new study. The Commission approved the booking by FPL of additional expense to eliminate the dismantlement reserve deficiency of \$38 million. In rebalancing the reserves for Steam Production, the Commission transferred reserve surpluses and deficiencies between fourteen steam production plants. The Commission also rebalanced

<sup>&</sup>lt;sup>15</sup> Florida Power & Light, Docket No. 971600, Order No. 990073, January 8, 1999.

1	the reserve	surpluses	and	deficiencies	for	Other	Production	between	six
2	locations. 16								

# Q. Have you separated FPL's calculated depreciation reserve surplus from its accumulated depreciation balance?

Α.

Yes. In conformity with FPSC practice, the first step in calculating future depreciation rates is to deal with the reserve imbalances that have occurred since the last study in order to move the actual reserves as close to their theoretical level as possible. The separation is made on Exhibit\_\_\_(MJM-2). Notice that the separation of the surplus from accumulated depreciation results in a reduction to accumulated depreciation. The effect of this separation is to set each book reserve to the level of the theoretical reserve. The resulting remaining-life depreciation rates are essentially the same as the whole-life rates that have already been calculated in FPL study. My calculations are consistent with this Commission's rule 25-6.0436(6)(b) that states:

"(b) The possibility of corrective reserve transfers shall be investigated by the Commission prior to changing depreciation rates."

# Q. Do you recommend that FPL's calculated reserve surplus be amortized over some period?

19 A. Yes, as I stated above, based solely on the Company's depreciation study as
20 filed, and all other things being equal, and without any consideration of my
21 other recommendations, the FPSC should amortize FPL's calculated reserve
22 excess back to ratepayers.

# Q. What is the appropriate amortization period?

<sup>16</sup> Florida Power & Light, Docket No. 981166, Order No. 000293, February 14, 2000.

- A. A 4-year amortization period is fully supportable. This is the normal period between depreciation studies and it is consistent with the 4-year recovery periods that FPL proposes for the nuclear plant component replacements in the study it has filed in this proceeding. However, as I will discuss later, for OPC policy reasons, I am recommending a longer, 10-year, amortization period.
- 7 Q. Your Additional Supplemental Direct testimony in FPL's Storm Cost
  8 Recovery case, Docket No. 041291-El was filed in response to the
  9 reserve excess calculated in FPL's depreciation study. What did you
  10 recommend in that Docket?
- 11 A. In my Additional Supplemental Direct testimony I recommended that the
  12 Commission consider using some of FPL's calculated reserve excess to
  13 reduce or eliminate whatever negative balance in the Company's storm
  14 damage reserve the Commission identified in that case. 17 It is my
  15 understanding that the Commission has declined to do that.
- 16 . Q. Have you calculated depreciation rates reflective of the separation of
   17 FPL's calculated reserve surplus as filed?
- A. Yes. These rates and expenses are shown on Exhibit (MJM-3). Based on

  December 31, 2005 balances, the rates would result in a \$73.8 reduction to

  depreciation expense before the ten-year amortization is taken into account.

  This is less than FPL's \$181.2 million reduction as filed, because I have

removed FPL's calculated reserve surplus from accumulated depreciation.

<sup>&</sup>lt;sup>17</sup> Majoros Additional Supplemental Direct Testimony, Docket No. 041291-El, page 4.

1 However, the smaller reduction is essentially offset by the amortization of the 2 surplus.

#### **Conclusions Based on Analysis**

#### 4 Q. Do you agree with FPL's calculated reserve surplus?

A. No I do not agree with FPL's calculated reserve surplus. Even though Mr. Davis has calculated a surplus and proposes a decrease in depreciation expense, I disagree with several aspects of his proposal and his rationale. Mr. Davis' proposal results in *excessive depreciation* expense and excessive charges to ratepayers. It is obvious that even Mr. Davis recognizes that FPL's present depreciation rates are excessive because he is proposing a decrease, but the proposed decrease is not enough.

Furthermore, even with the "bottom line reserve offset" FPL's reserve surplus is far greater than Mr. Davis has calculated. My conclusion is based on my depreciation study, my analysis, certain information brought to light by Staff and OPC discovery. My recommendations result in a \$388.4 million reduction based on projected December 31, 2005 plant balances.

#### Q. What are the bases of your conclusions and recommendations?

A. I have conducted a service life study which provides one basis for my conclusions and recommendations. My study addresses transmission, distribution and general plant lives and survivor curves. I have also reviewed net salvage data. I have given heavy weight to the Company's responses to Staff and OPC discovery, this Commission's prior Orders, and to this Company's past actions regarding depreciation collected from its ratepayers.

#### **Excessive Depreciation**

1 Q. You have used the phrase "excessive depreciation." Have you provided 2 any background information on the concept of excessive depreciation?

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Yes. An excessive depreciation rate is one that produces more depreciation expense than necessary to recover the cost of a company's capital asset over the life of the asset. Exhibit (MJM-4) is a brief summary of a landmark U.S. Supreme Court decision on depreciation. I am not an attorney and I do not present this as a legal argument or conclusion. I merely present this to demonstrate that the concept of excessive depreciation is not a new one. I also included a discussion of, and quotations from have pronouncements from the accounting profession demonstrating its recent recognition of excessive depreciation. FPL's prior excessive depreciation is manifested in its accumulated depreciation reserve excess. Its ongoing excessive depreciation will be manifested in its going-forward depreciation rates if its requests are approved by this Commission.

Q. Mr. Majoros, some people allege that since accumulated depreciation is deducted from rate base, the concept of excessive depreciation is obviated or rendered moot. Do you agree?

No. If ratepayers are required to pay too much depreciation expense, they will have paid too much. The fact that ratepayers are not required to pay a return on prior excessive charges does not mean that those charges were not excessive, it merely means that ratepayers are not required to pay a return on the excessive charges they have previously paid. I understand that this Commission has consistently taken the position that customers should pay their fair share of the assets they consume—no more and no less, on the

proposition that to do otherwise benefits one group of customers to the detriment of others.

#### Depreciation Concepts

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- 4 Q. Does your testimony include a discussion of the depreciation concepts
  5 that are relevant to your testimony?
- A. Yes. Exhibit (MJM-5) is a brief discussion of depreciation concepts that are relevant to my testimony. I have submitted this discussion as a separate exhibit in an attempt to minimize the technical aspects of my direct testimony. However, I believe that discussion may be helpful to understanding this testimony.

#### Depreciation Parameters

#### 12 Q. What are depreciation parameters?

13 A. Depreciation parameters are the basic assumptions upon which depreciation
14 rate calculations are based. FPL's proposed depreciation rates are based on
15 three fundamental parameters, all of which are estimates: an average service
16 life, a retirement dispersion pattern and a net salvage ratio. These are
17 discussed in much more detail in Exhibit\_\_\_(MJM-5).

The two most significant parameters in this case are the average service life and the net salvage ratio; the shorter the service life – the higher the resulting depreciation rate. Similarly, the more negative the net salvage ratio – the higher the resulting depreciation rate. In both cases, the higher depreciation rate is charged to ratepayers.

As I stated above, another parameter is the estimated retirement dispersion pattern. Mr. Davis used "lowa Curves" to define these patterns.

These patterns have relevance in estimating average lives and they have a direct impact on Mr. Davis' remaining life calculations.

#### Recommendations

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A.

#### 4 Q. Please explain your recommendations.

Earlier I explained that for OPC policy reasons I am recommending a ten-year amortization of FPL's reserve surplus. Although a four-year period is supported by past commission precedent, the normal period between depreciation studies and also by the four-year recovery schedule that FPL is requesting in this case, the OPC proposes a ten-year amortization. The OPC's policy decision is strictly results oriented. OPC recognizes the magnitude of the overall depreciation reduction that would result from the use of a four-year amortization. It therefore has adopted a ten-year amortization period to ameliorate the impact, unless the Commission's decisions on other issues raised by OPC allows allow a more rapid amortization.

Below, I will discuss service lives and my recommended life parameters. Next, I will discuss net salvage and my recommended net salvage parameters. Finally, I will discuss the depreciation rates resulting from my other recommendations.

#### Q. Why do you disagree with FPL's calculated reserve excess amount?

I have identified nine (9) of FPL's proposed lives which are still too short and one that is too long; use of the correct lives results in a slightly higher reserve excess. Also, FPL's mass property net salvage ratios are inflated as a result of a mismatch between the cost of removal dollars versus the historical

- retirement dollars to which the cost of removal has been compared; use of the corrected net salvage ratios result in an even larger reserve excess.
- Q. Have you calculated FPL's reserve excess using the corrected lives and
   net salvage ratios?
- Yes, the corrected reserve excess is \$2.4 billion as shown on Exhibit\_\_\_(MJM-6), as opposed to the \$1.6 billion reserve surplus that Mr. Davis has calculated.

#### 8 Recommended Service Lives

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- Q. Which service lives do you address in your testimony?
- 10 A. I address the service lives in FPL's transmission, distribution and general plant
  11 functions. FPL used the actuarial retirement rate method to study plant lives in
  12 these functions. These analyses study historical plant retirements and
  13 exposures directly from FPL's plant records. The result of each analysis is a
  14 best fit life for each of the lowa curves, using the least-squared differences
  15 approach.
  - I conducted independent retirement rate analyses and arrived at different conclusions for certain accounts. These are included in Exhibit\_\_\_(MJM-7). My alternative recommendations are the best fit for the accounts involved. I studied all accounts and found acceptable reasons in certain instances to deviate from the best fit, and therefore accepted FPL's proposal. However, the best fit should be used for the accounts listed below. As a result, I am making the following alternative recommendations. I have accepted the Company's proposed parameters for all other accounts.
  - Q. Please summarize your recommended service life parameters.

#### 1 A. I recommend the following:

	FPL Proposed ASL/ Survivor Curve	OPC Recommended ASL/ Survivor Curve
Account		<del></del>
Transmission 350.2 Easements 352.0 Structures & Improvements 357.0 Underground Conduit 358.0 Underground Conductors & Devs. 359.0 Roads & Trails	50-S4.0 47-S4.0 46-S3.0 35-S3.0 50-SQ	99-S4.0 63-L3.0 74-S2.0 60-R3. 99-R2.5
Distribution 361.0 Structures & Improvements 366.6 Underground Conduit-Ducts 366.7 Underground Conduit-Direct Buried 369.7 Underground Services	45- <b>L</b> 3.0 48-S3.0 41-S3.0 34-R2.0	61-R2.5 68-L2.0 66-S1.0 65-R2.0
General 397.8 Comm. Eq. Fiber Optics	10-L0.0	4-L0.0

# Q. Will you please summarize your rationale for each of your life and curve

#### recommendations?

5 A. Yes.

350.2 Transmission Easements - The current life and curve for this account is 50-S4.0. FPL proposes to retain the 50-S4.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 25 to 100. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 99-S4.0 which is what we recommend. Our graphic display demonstrates the reasonableness of this recommendation.

352.0 Transmission Structures & Improvements - The current life and curve for this account is 47-S4.0. FPL proposes to retain the 47-S4.0. FPL's life

chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 4 to 79. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 63-L2.0 which is what we recommend. reasonableness of this display demonstrates the Our graphic recommendation. 357.0 Transmission Underground Conduit - The current life and curve for this account is 46-S3.0. FPL proposes to retain the 46-S3.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 6 to 80. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 74-S2.0 which is what we recommend. Our graphic display demonstrates the reasonableness of this recommendation. 358.0 Transmission Underground Conductors & Devices - The current life and curve for this account is 35-S3.0. FPL proposes to retain the 35-S3.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 4 to 60. We find no reason to disregard both the industry and the actual FPL data for this account: therefore, we conducted an independent actuarial analysis recognizing The best fit result is 60-R3.0 which is what we industry indicators. recommend. Our graphic display demonstrates the reasonableness of this

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recommendation.

359.0 Transmission Roads & Trails - The current life and curve for this account is 50-SQ. FPL proposes to retain the 50-SQ. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. We find no reason to disregard the actual FPL data for this account; therefore, we conducted an independent actuarial analysis. The best fit result is 99-S4.0 which is what we recommend. Our graphic display demonstrates the reasonableness of this recommendation. 361.0 Distribution Structures & Improvements - The current life and curve for this account is 45-L3.0. FPL proposes to retain the 45-L3.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 4 to 75. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 61-R2.5 which is what we recommend. Our graphic display demonstrates the reasonableness of this recommendation. 366.6 Distribution Underground Conduit, Duct System - The current life and curve for this account is 48-S3.0. FPL proposes to retain the 48-S3.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 6 to 100. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 68-L2.0 which is what we recommend. Our graphic display demonstrates the reasonableness of this recommendation.

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366.7 Distribution Underground Conduit, Direct Buried - The current life and curve for this account is 38-S3.0. FPL proposes to retain the 38-S3.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 6 to 100. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 66-S1.0 which is what we recommend. Our graphic display demonstrates the reasonableness of this recommendation.

369.1 Services, Overhead - The current life and curve for this account is 36-

R1.0. FPL proposes to change the current life and curve to 36-R1.5. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 3 to 65. We conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 52-L0. We did not, however, select this best fit due to substantial exposure to hurricanes and other severe weather abnormalities that may affect the life and curve of this account. We recommend retaining FPL's proposed life and curve of 36-R1.5.

371.0 Installations on Customer's Premises - The current life and curve for this account is 15-L1.0. FPL proposes to retain the 15-L1.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 5 to 60. We conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 34-O1. We did not, however, select this best fit due to substantial

exposure to hurricanes and other severe weather abnormalities that may affect the life and curve of this account. We recommend retaining FPL's proposed life and curve of 15-L1.0.

373.0 Street Lighting & Signal Systems - The current life and curve for this account is 20-S0.5. FPL proposes to retain the 20-S0.5. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 1 to 60. We conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 33-S0.5 which is what we recommend. Again, we did not select this best fit due to substantial exposure to hurricanes and other severe weather abnormalities that may affect the life and curve of this account. We recommend retaining FPL's proposed life and curve of 36-R1.5.

397.8 Communications Equipment - Fiber Optics - The current life and curve for this account is 20-R2.0. FPL proposes to retain the 10-L0.0. FPL's life chart indicates a disparity between the statistical data and its proposed curve fit. The industry limits for this account range from 1 to 40. We find no reason to disregard both the industry and the actual FPL data for this account; therefore, we conducted an independent actuarial analysis recognizing industry indicators. The best fit result is 4-L0.0

#### Net Salvage

- Q. How much future net salvage is incorporated into the Company's depreciation request?
- 23 A. I cannot tell for certain because the amount varies with changes in plant 24 balances, but I estimate that the minimum included in FPL's depreciation

request is \$121 million per year. Of this amount, \$94.7 million relates to transmission, distribution and general plant. This is the difference between FPL's proposed depreciation expense levels with and without net salvage, based on projected December 31, 2005 plant balances.

# 5 Q. How much actual net salvage has the company been experiencing?

A. My calculations show that over the ten years ending 2003, FPL experienced \$11.6 million in negative net salvage on average for transmission, distribution and general plant. Over the five years ending 2003, the Company averaged \$14.7 million in negative net salvage for these functions. These amounts are taken directly from data supporting FPL's depreciation study. They are summarized in Exhibit (MJM-8).

Q.

Α.

# Why does FPL's net salvage request exceed its actual experience to such a large degree?

FPL's net salvage request exceeds its actual annual cost of removal to a large degree because FPL uses a Traditional Inflated Future Cost Approach (which I will refer to as "TIFCA") to make its future net salvage estimates. This has resulted in a regulatory liability to ratepayers because FPL has bundled cost of removal factors in most of its depreciation rates, but does not have any obligation to incur those costs.

It is a very <u>large</u> regulatory liability because FPL's cost of removal factors have incorporated high levels of future inflation and the resulting depreciation rates were then applied to ever-expanding depreciable plant balances. The accruals resulting from this approach vastly exceed, year-by-

year, the money that FPL actually spends or even allocates for cost of removal. The excess collections have now been highlighted, recognized and reported as a regulatory liability as a result of the implementation of recent accounting changes.

Q. Is there an actual regulatory liability to ratepayers as a result of FPL's TIFCA, or are you merely inferring that such a liability exists?

FPL's prior use of TIFCA has resulted in an actual regulatory liability. The Company reports the liability in its 2004 Annual form 1.<sup>19</sup> FPL recognized the regulatory liability as a result of this Commission's implementation of the Financial Accounting Standards Board's Statement of Financial Accounting Standards No. 143 – Accounting for Asset Retirement Obligations.

In response to OPC's POD 2-23, FPL provided its internal studies and correspondence relating to its implementation of SFAS No. 143.<sup>20</sup> FPL's Policy on SFAS No. 143 states in part:

COR [cost of removal] That is recovered in Rates But Not Subject to SFAS No. 143 – the COR previously recorded as depreciation under regulation will remain in accumulated depreciation and will be disclosed as a regulatory liability embedded in the accumulated depreciation account. For external reporting purposes, the amount will be reclassified as a regulatory liability. For regulatory purposes, in reporting in the FERC Form 1 and Form 3Q and for other regulatory reports, the amounts will be reported in accumulated depreciation.<sup>21</sup>

 A.

<sup>&</sup>lt;sup>18</sup> The data provided by FPL did not readily allow for these averages to be calculated for production plant.

<sup>&</sup>lt;sup>19</sup> Florida Power & Light Company 2004 Form 1, page 123.4.

<sup>&</sup>lt;sup>20</sup> Bates 187696-188083.

<sup>&</sup>lt;sup>21</sup> Bates 187725. (Emphasis added.)

- 1 The prior COR collections are now officially recognized as a regulatory liability 2 from a regulatory standpoint.
- 3 Q. Why is this amount recognized as a regulatory liability?
- A. It is recognized as a regulatory liability because FPL does not have any legal obligation to incur those removal costs in the future. Therefore, the amount is recognized as an amount owed to ratepayers until it is spent on its intended purpose.
- Q. What is the amount of the regulatory liability that has resulted from
   TIFCA and been highlighted by SFAS No. 143?
- 10 A. As of year-end 2003, the regulatory liability was \$1,485 billion, and by year-11 end 2004 the amount grew to \$1,563 billion.<sup>22</sup>
- 12 Q. Has FPL identified this regulatory liability in this rate case?
- 13 A. In response to data requests FPL has disclosed that the amount is included in
   14 accumulated depreciation.<sup>23</sup>
- 15 Q. If FPL were not regulated, how would the regulatory liability be treated?
- 16 A. FPL would immediately take the amounts into its corporate income because
  17 that is what SFAS No. 143 requires for non-regulated entities.
- 18 Q. How did FPL's TIFCA result in inflated cost of removal factors?
- A. FPL's TIFCA result in inflated cost of removal factors because FPL's TIFCA net salvage studies relate removal costs in current dollars to retirements of assets whose cost reflects very old historical dollars. The result is that due to inflation which has been experienced in the past, the current removal cost is many multiples of the historical original cost dollars of the retired asset.

<sup>&</sup>lt;sup>22</sup> Florida Power & Light Company 2004 Form 1, page 123.4.

#### Hypothetical TIFCA Example

- 2 Q. Can you provide an example of how TIFCA operates and results in these
- 3 large regulatory liabilities?
- 4 A. Yes, below is a hypothetical example of FPL's TIFCA studies in this case.
  5 These are the same types of studies that FPL and other utilities, including the
  6 telephone industry, have used in the past. The TIFCA studies are summaries
  7 of annual retirements and net salvage, which are used as a basis for future net
  8 salvage proposals. The following table is a hypothetical example of FPL's
  9 TIFCA net salvage studies.

#### **Hypothetical TIFCA Net Salvage Study**

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Add <u>Year</u> (a)	Ret. <u>Year</u> (b)	Original <u>Cost</u> (c)	(\$) (d)	Cost of Removal (e)=(d)/(c)
1947 1948 1949 1950 1951	1997 1998 1999 2000 2001	1,000 2,000 2,500 3,000 4,000	(500) (1,500) (1,000) (2,500) (5,000)	(50)% (75) (40) (83) <u>(125)</u>
	Total	12,500	(10,500)	(84)%
3-Ye	ear Avg.	3,167	(2,833)	(89)%
5-Ye	ear Avg.	2,500	(2,100)	(84)%

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The years in column (a) are the years in which the assets in column (c) were added to plant. The years in column (b) are the years these assets were retired from service. They were added to plant in service several years ago, they lived their service life, and then they were retired or withdrawn from

<sup>&</sup>lt;sup>23</sup> Response to OPC Interrogatory No. 56.

service. The cost of removal amounts in column (d) are the retirement costs incurred in the retirement year. For example, an asset purchased for \$4,000 in 1951 was retired from service in 2001, but it cost \$5,000 to dispose of the 1951 asset. The ratios in column (e) are the cost of removal amount expressed as a percentage of the original cost of the assets; that is:

\$5,000 removal cost / \$4,000 original cost = 125 percent.

FPL's TIFCA studies show figures from two bands of historical net salvage data; a ten-year band and a five-year band data as a basis for its future net salvage estimates. The Company appears to have relied primarily on the five-year band to estimate its proposed future net salvage ratios. FPL's application of TIFCA results in an increase to depreciation rates because it is primarily driven by negative net salvage ratios. As demonstrated in the concepts exhibit, any negative net salvage ratio will increase a depreciation rate. Inflated TIFCA net salvage ratios as developed by FPL will increase the rates even further.

As shown above, the hypothetical TIFCA uses a 3-year and a 5-year band to demonstrate FPL's application of the approach. TIFCA net salvage ratios depend on the relationship of the current cost of removal as a percentage of the <u>original</u> cost of the assets retired. The timing mismatch within this relationship results in an inflated negative net salvage ratio which is then bundled into the depreciation rate calculation.

This happens because the retirements are in expressed in very old original cost dollars versus retirement costs in current dollars. There is a

fundamental mismatch in the value of dollars between the years the assets were installed and the years they are retired.

As an additional example, assume that the \$4,000 of assets retired in 2001 were actually placed in service in 1951 or 50 years earlier. The cost of removal in 2001 dollars is \$5,000, or 125 percent, of the 1951 addition. The result is negative 125 percent because it fails to take into account the fact that the \$5,000 cost of removal has experienced 50 years of inflation relative to what it would have been in 1951.

If we assume the inflation rate has been 5 percent annually, the cost of removal in 50-year old dollars is only \$436 or 11 percent of the original \$4,000 installation. FPL's TIFCA, however, shows 125 percent as a result of this timing mismatch. The same disparity would be true for all other years in the example. There is a fundamental mismatch between the dollars associated with the installation dates of the assets and the dates they are removed from service.

FPL would use a negative 125 percent ratio in the current depreciation rate calculation. This approach is equivalent to capitalizing 125 percent of the existing plant in service.

The example above addresses only retirements. But at the same time, the actual plant balance has been growing for many reasons. The hypothetical company has been making additions every year due to growth, and these additions have also experienced inflation. Assume the current total plant balance in this account is \$100,000,000. FPL would calculate depreciation rates designed to collect \$225,000,000 from ratepayers, i.e.

- \$125,000,000 more than the company spent on the plant, and this would be based on a \$4,000 retirement.
- Q. Mr. Majoros, are you saying that in this example, the Company would retire a \$4,000 asset and then collect \$225,000,000 as a result of that retirement?
- Yes, as crazy as that sounds, that is the result of TIFCA. I have seen some 6 Α. depreciation witnesses propose negative net salvage ratios in the range of 7 negative 350 to 400 percent as a result of TIFCA studies. The dollar mismatch 8 inherent in those studies leads to exorbitant current charges to current 9 ratepayers for an inflated future cost of removal. FPL's future net salvage 10 ratios are inflated, but not reduced to their fair or net present value. They 11 result in excessive charges because these inflated net salvage ratios are 12 applied to current plant balances. Thus, current ratepayers pay for inflated 13 14 removal costs that are not expected to occur. That is why the SFAS No. 143 15 regulatory liability is so large.

# 16 FPL Controls a Majority Of The Negative Net Salvage Activity It Records

- 17 Q. Is FPL at the mercy of the "market" as far as the cost of removal it
  18 incurs?
- 19 A. No, FPL is not at the mercy of the market for a majority of the annual cost of
  20 removal it incurs. A majority of FPL's retirements result from asset
  21 replacements. FPL incurs replacement project costs and then "allocates" a
  22 portion of the replacement project cost to cost of removal. This allocation is
  23 typically a relatively small portion of the overall replacement project cost. FPL

could just as easily capitalize 100 percent of the replacement cost to plant in service and depreciate it, with no allocation to cost of removal.

Total depreciation and rate base would be the same in either case due to the application and intertwining of group accounting and the remaining life depreciation technique. On the other hand, consider the cash benefit that FPL derives by allocating a portion of the replacement cost to cost of removal. It creates an amount which it can compare to very old historical retirement dollars and therefore rationalize a higher depreciation rate using arguments such as intergenerational equity and matching.

#### 10 Q. What do you conclude?

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11 A. Although FPL may indeed incur some actual cost of removal in the future, the
12 massive amounts that it collects as a result of TIFCA are for the most part a
13 fiction.

#### Alternatives to TIFCA

#### Q. What is the solution?

16 A. There are alternatives to TIFCA. The following discussion addresses a "cash basis" alternative, and two "accrual basis" alternatives. There are probably more alternatives.

#### Alternatives to TIFCA

20 Cash Basis: - Expensing

21 Accrual Basis: - Normalized Net Salvage Allowance

22 - Net Present Value Approach

## Cash Basis Alternative to TIFCA for Net salvage

### 1 Q. Please explain the cash basis alternative to TIFCA.

Α.

The cash basis alternative removes non-legal removal costs and dismantlement from the depreciation rate process. It would no longer be charged to accumulated depreciation. The cash basis alternative involves capitalization and/or expensing. The allocation, like all allocations, is at least somewhat arbitrary. Thus, one component of the cash basis alternative would be to consider capitalizing the entire cost of replacements to plant in service, rather than allocating a portion to cost of removal. This would have the same effect on rate base as the company's current accounting and would eliminate the problems created by the allocation. It would have the same effect on rate base because the current accounting debits actual cost to accumulated depreciation which increases rate base. If there is not a replacement, under the cash basis alternative the cost of removal and/or dismantlement would be charged to operating expense.

It is not necessary, under the cash basis alternative, to have a combination of capitalization and expensing. FPL could charge all cost of removal and dismantlement to operating expense. It would be eliminated from depreciation expense and recovered through O&M expense, just as any other operating expense, in a rate case.

#### Accrual Basis Alternatives to TIFCA for Net Salvage

- 21 Q. Please explain the accrual basis alternatives to TIFCA.
- 22 A. I am providing two accrual basis alternatives to TIFCA: the normalized net 23 salvage allowance approach, and the net present value approach.

# Normalized Net Salvage Allowance Accrual Approach

# Q. What is the normalized net salvage allowance approach?

Α.

The normalized net salvage allowance approach is similar to the cash basis approach except that the annual average net salvage, which includes cost of removal, is included as a specifically identifiable amount within the annual depreciation accrual. In other words, a normalized net salvage amount is still a component of the depreciation expense accrual and is credited to accumulated depreciation and actual cost of removal continues to be charged to accumulated depreciation.

The annual net salvage accrual could be either a fixed amount or a rolling five-year average amount that would be included in the annual depreciation accrual and actual net salvage would continue to be charged to accumulated depreciation.

## Net Present Value Accrual Approach to Net Salvage

# Q. What is the net present value approach?

15 A. The net present value approach merely discounts FPL's future net salvage
16 estimates, using the average remaining lives, back to 2005 values using the
17 inflation factors that FPL used for its asset retirement obligation calculations.<sup>24</sup>
18 In other words the net present value approach essentially takes the "I" out of
19 TIFCA. Assuming the validity of FPL's claims that it will actually spend the
20 money it collects for future negative net salvage on future negative net
21 salvage, the NPV approach resolves the concerns regarding future inflation.

# Q. What do you recommend?

23 A. I recommend the NPV approach for FPL.

<sup>&</sup>lt;sup>24</sup> See response to OPC Interrogatory No. 54.

- Q. Will the NPV approach violate the Commission's depreciation rules?
   A. The NPV approach is totally consistent with the Commission's depreciation
- Rule 25-6.04364(4) relates to electric utility dismantlement studies
- 4 which are akin to cost of removal studies. It states:
  - The dismantlement annual accrual shall be calculated using the current cost estimates escalated to the expected dates of actual dismantlement. The future costs less amounts recovered to date shall be discounted in a manner that accrues costs the costs over the remaining life span of the unit.<sup>25</sup>

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- The NPV approach is consistent with the Commission's rules and consistent with GAAP.
- Q. What will happen if the Commission does not adopt the NPV approach, or one of the other alternatives to TIFCA?
- 16 A. If the Commission continues the status quo, the \$1.5 billion SFAS No. 143
  17 regulatory liability will continue to grow at an exponential rate. At some point
  18 in the future, the Commission will again be confronted with the prospect of an
  19 even greater depreciation reserve surplus and the need to deal with that
  20 amount.
- Q. Have you calculated the net present values of FPL's proposed future net salvage estimates?
- 23 A. Yes, Exhibit\_\_\_(MJM-9) calculates the net present values of FPL's proposed future net salvage values.
- 25 Recommended Depreciation Rates and Accruals
- 26 Q. Have you provided your recommended depreciation rates and accruals?

<sup>&</sup>lt;sup>25</sup> Rules 25-6.04364 (4). (Emphasis added.)

- 1 A. Yes. My recommended depreciation rates are included in Exhibit\_\_\_(MJM10). These reflect my alternative recommended lives and the net present
  values of FPL's net salvage proposals. These result in a \$144.4 million
  reduction to depreciation expense and a \$244 million annual amortization of
  the \$2.4 billion reserve excess based on a ten-year amortization period. This
  is a decrease of \$207.3 million from FPL's proposal.
- Q. What if the Commission finds the overall decrease to be too large, evenwith the use of the ten-year amortization period?
- 9 Α. The amount of the decrease in terms of dollars can be ameliorated in a 10 number of ways. For example, the Commission could elect to amortize only 11 the nuclear and fossil production plant reserve excesses and leave the 12 transmission, distribution and general excesses to be dealt with in the next 13 depreciation study. These excesses would remain as a rate base deduction 14 until they are amortized. There are other alternatives, if the number is too big. 15 On the other hand, if the Commission's decisions on other issues raised by 16 OPC allow a more rapid amortization than over ten years, the Commission 17 could do that. In any event, I urge the Commission too adopt the theoretically 18 correct approaches such as the NPV approach. This will reduce the level of 19 the problem in the future.
- Q. If the Commission should choose to amortize only a portion of the reserve at this time, would your recommended depreciation rates change?
- 23 A. Yes. In calculating my recommended rates, I have removed the entire reserve 24 surplus from accumulated depreciation. If the Commission decides to leave a

- portion of the surplus in accumulated depreciation, the rates would need to be recalculated, with those amounts added back into accumulated depreciation. This is because the depreciation rates are remaining-life rates, and as such,
- Q. If the Commission desired to evaluate alternative approaches to the
   reserve excess, would you be willing to make the calculations for the
- 7 Commission?

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- 8 A. Yes, I am willing to perform any calculations necessary to accommodate the Commission's considerations in this area.
- 10 Q. Does this conclude your testimony?

are tied to the reserve.

11 A. Yes, it does.

#### DOCKET NOS. 050045-EI & 050188-EI

#### CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished by U.S.

Mail or hand-delivery to the following parties on this 27th day of June, 2005.

Charles J. Beck

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Docket Nos. 050045-EI & 050188-EI

### **APPENDIX A & B**

QUALIFICATIONS OF MICHAEL J. MAJOROS, JR.

#### Experience

#### Snavely King Majoros O'Connor & Lee, Inc.

Vice President and Treasurer (1988 to Present) Senior Consultant (1981-1987)

Majoros provides consultation specializing accounting, financial, and management issues. He has testified as an expert witness or negotiated on behalf of clients in more than one hundred thirty regulatory federal and state regulatory proceedings involving telephone, electric, gas, water, and sewerage companies. His testimony has encompassed a wide array of complex issues including taxation, divestiture accounting revenue requirements, rate base, nuclear decommissioning, plant lives, and capital recovery. Mr. Majoros has been responsible for developing the firm's consulting services on depreciation and other capital recovery issues into a major area of practice. in addition to traditional regulatory engagements, Mr. Majoros has also provided consultation to the U.S. Department of Justice. His expertise has been called upon to address the accounting and plant life effects of electric plant modifications in environmental proceedings and lawsuits, and to estimate economic damages suffered by black farmers in discrimination suits.

# Van Scoyoc & Wiskup, Inc., Consultant (1978-1981)

Mr. Majoros conducted and assisted in various management and regulatory consulting projects in the public utility field, including preparation of electric system load projections for a group of municipally and cooperatively owned electric systems; preparation of a system of accounts and reporting of gas and oil pipelines to be used by a state regulatory commission; accounting system analysis and design for rate proceedings involving electric, gas, and telephone utilities. Mr. Majoros provided onsite management accounting and controllership assistance to a municipal electric and water utility. Mr. Majoros also assisted in an antitrust proceeding involving a major electric utility. He submitted expert testimony in FERC Docket No. RP79-12 (El Paso Natural Gas Company), and he co-authored a study entitled Analysis of Staff Study on Comprehensive Tax Normalization that was submitted to FERC in Docket No. RM 80-42.

# Handling Equipment Sales Company, Inc. Controller/Treasurer (1976-1978)

Mr. Majoros' responsibilities included financial management, general accounting and reporting, and income taxes.

#### Ernst & Ernst, Auditor (1973-1976)

Mr. Majoros was a member of the audit staff where his responsibilities included auditing, supervision, business systems analysis, report preparation, and corporate income taxes.

#### University of Baltimore - (1971-1973)

Mr. Majoros was a full-time student in the School of Business.

During this period Mr. Majoros worked consistently on a parttime basis in the following positions: Assistant Legislative Auditor – State of Maryland, Staff Accountant – Robert M. Carney & Co., CPA's, Staff Accountant – Naron & Wegad, CPA's, Credit Clerk – Montgomery Wards.

#### Central Savings Bank, (1969-1971)

Mr. Majoros was an Assistant Branch Manager at the time he left the bank to attend college as a full-time student. During his tenure at the bank, Mr. Majoros gained experience in each department of the bank. In addition, he attended night school at the University of Baltimore.

#### Education

University of Baltimore, School of Business, B.S. – Concentration in Accounting

#### Professional Affiliations

American Institute of Certified Public Accountants Maryland Association of C.P.A.s Society of Depreciation Professionals

#### Publications, Papers, and Panels

"Analysis of Staff Study on Comprehensive Tax Normalization," FERC Docket No. RM 80-42, 1980.

"Telephone Company Deferred Taxes and Investment Tax Credits – A Capital Loss for Ratepayers," Public Utility Fortnightly, September 27, 1984.

"The Use of Customer Discount Rates in Revenue Requirement Comparisons," Proceedings of the 25th Annual Iowa State Regulatory Conference, 1986

"The Regulatory Dilemma Created By Emerging Revenue Streams of Independent Telephone Companies," Proceedings of NARUC 101st Annual Convention and Regulatory Symposium, 1989.

"BOC Depreciation Issues in the States," National Association of State Utility Consumer Advocates, 1990 Mid-Year Meeting, 1990.

"Current Issues in Capital Recovery" 30<sup>th</sup> Annual Iowa State Regulatory Conference, 1991.

"Impaired Assets Under SFAS No. 121," National Association of State Utility consumer Advocates, 1996 Mid-Year Meeting, 1996.

"What's 'Sunk' Ain't Stranded: Why Excessive Utility Depreciation is Avoidable," with James Campbell, Public Utilities Fortnightly, April 1, 1999.

"Local Exchange Carrier Depreciation Reserve Percents," with Richard B. Lee, Journal of the Society of Depreciation Professionals, Volume 10, Number 1, 2000-2001

### Federal Regulatory Agencies

Date	Agency	Docket	Utility
1979	FERC-US 19/	RP79-12	El Paso Natural Gas Co.
1980	FERC-US 19/	RM80-42	Generic Tax Normalization
1996	CRTC-Canada 30/	97-9	All Canadian Telecoms
1997	CRTC-Canada 31/	97-11	All Canadian Telecoms
1999	FCC 32/	98-137 (Ex Parte)	All LECs
1999	FCC 32/	98-91 (Ex Parte)	All LECs
1999	FCC 32/	98-177 (Ex Parte)	All LECs
1999	FCC 32/	98-45 (Ex Parte)	All LECs
2000	EPA 35/	CAA-00-6	Tennessee Valley Authority
2003	FERC 48/	RM02-7	All Utilities
2003	FCC 52/	03-173	All LECs
2003	FERC	ER03-409-000,	Pacific Gas and Electric Co.
		ER03-666-000	
2005	US District Court,	CV 01-B-403-NW	Tennessee Valley Authority
	Northern District of		
	AL, Northwestern		
	Division 55/56/57/		
		State Regulatory Agend	cies
1982	Massachusetts <u>17</u> /	DPU 557/558	Western Mass Elec. Co.
1982	Illinois <u>16</u> /	ICC81-8115	Illinois Bell Telephone Co.
1983	Maryland <u>8</u> /	7574-Direct	Baltimore Gas & Electric Co.
1983	Maryland <u>8</u> /	7574-Surrebuttal	Baltimore Gas & Electric Co.
1983	Connecticut 15/	810911	Woodlake Water Co.
1983	New Jersey 1/	815-458	New Jersey Bell Tel. Co.
1983	New Jersey 14/	8011-827	Atlantic City Sewerage Co.
1984	Dist. Of Columbia 7/	785	Potomac Electric Power Co.
1984	Maryland 8/	7689	Washington Gas Light Co.
1984	Dist. Of Columbia <u>7</u> /	798	C&P Tel. Co.
1984	Pennsylvania <u>13</u> /	R-832316	Bell Telephone Co. of PA
1984	New Mexico 12/	1032	Mt. States Tel. & Telegraph
1984	Idaho <u>18</u> /	U-1000-70	Mt. States Tel. & Telegraph
1984	Colorado <u>11</u> /	1655	Mt. States Tel. & Telegraph
1984	Dist. Of Columbia 7/	813	Potomac Electric Power Co.
1984	Pennsylvania <u>3</u> /	R842621-R842625	Western Pa. Water Co.
1985	Maryland 8/	7743	Potomac Edison Co.
1985	New Jersey 1/	848-856	New Jersey Bell Tel. Co.
1985	Maryland 8/	7851	C&P Tel. Co.
1985	California <u>10</u> /	I-85-03-78	Pacific Bell Telephone Co.
1985	Pennsylvania <u>3</u> /	R-850174	Phila. Suburban Water Co.

1985	Pennsylvania 3/	R850178	Pennsylvania Gas & Water Co.
1985	Pennsylvania <u>3</u> /	R-850299	General Tel. Co. of PA
1986	Maryland <u>8</u> /	7899	Delmarva Power & Light Co.
1986	Maryland 8/	7754	Chesapeake Utilities Corp.
1986	Pennsylvania <u>3</u> /	R-850268	York Water Co.
1986	Maryland 8/	7953	Southern Md. Electric Corp.
		U-1002-59	General Tel. Of the Northwest
1986	Idaho 9/	7973	Baltimore Gas & Electric Co.
1986	Maryland 8/	R-860350	Dauphin Cons. Water Supply
1987	Pennsylvania 3/		Bell Telephone Co. of PA
1987	Pennsylvania 3/	C-860923	Northwestern Bell Tel. Co.
1987	lowa <u>6/</u>	DPU-86-2	The state of the s
1987	Dist. Of Columbia 7/	842	Washington Gas Light Co.
1988	Florida 4/	880069-TL	Southern Bell Telephone
1988	lowa <u>6</u> /	RPU-87-3	Iowa Public Service Company
1988	lowa <u>6</u> /	RPU-87-6	Northwestern Bell Tel. Co.
1988	Dist. Of Columbia 7/	869	Potomac Electric Power Co.
1989	Iowa <u>6</u> /	RPU-88-6	Northwestern Bell Tel. Co.
1990	New Jersey 1/	1487-88	Morris City Transfer Station
1990	New Jersey <u>5</u> /	WR 88-80967	Toms River Water Company
1990	Florida 4/	890256-TL	Southern Bell Company
1990	New Jersey 1/	ER89110912J	Jersey Central Power & Light
1990	New Jersey 1/	WR90050497J	Elizabethtown Water Co.
1991	Pennsylvania 3/	P900465	United Tel. Co. of Pa.
1991	West Virginia 2/	90-564-T-D	C&P Telephone Co.
1991	New Jersey 1/	90080792J	Hackensack Water Co.
1991	New Jersey 1/	WR90080884J	Middlesex Water Co.
1991	Pennsylvania <u>3</u> /	R-911892	Phil. Suburban Water Co.
1991	Kansas <u>20</u> /	176, 716-U	Kansas Power & Light Co.
1991	Indiana <u>29</u> /	39017	Indiana Bell Telephone
1991	Nevada <u>21</u> /	91-5054	Central Tele. Co. – Nevada
1992	New Jersey 1/	EE91081428	Public Service Electric & Gas
1992	Maryland <u>8</u> /	8462	C&P Telephone Co.
1992	West Virginia 2/	91-1037-E-D	Appalachian Power Co.
1993	Maryland 8/	8464	Potomac Electric Power Co.
1993	South Carolina 22/	92-227-C	Southern Bell Telephone
1993	Maryland 8/	8485	Baltimore Gas & Electric Co.
1993	Georgia 23/	4451-U	Atlanta Gas Light Co.
1993	New Jersey 1/	GR93040114	New Jersey Natural Gas. Co.
1994	lowa 6/	RPU-93-9	U.S. West – Iowa
1994	lowa 6/	RPU-94-3	Midwest Gas
1995	Delaware 24/	94-149	Wilm. Suburban Water Corp.
1995	Connecticut 25/	94-10-03	So. New England Telephone
1995	Connecticut 25/	95-03-01	So. New England Telephone
1995	Pennsylvania 3/	R-00953300	Citizens Utilities Company
1995	Georgia 23/	5503-0	Southern Bell

1996	Maryland 8/	8715	Bell Atlantic
1996	Arizona 26/	E-1032-95-417	Citizens Utilities Company
1996	New Hampshire <u>27</u> /	DE 96-252	New England Telephone
1997	lowa 6/	DPU-96-1	U S West – Iowa
1997	Ohio 28/	96-922-TP-UNC	Ameritech – Ohio
1997	Michigan 28/	U-11280	Ameritech – Michigan
1997	Michigan 28/	U-112 81	GTE North
1997	Wyoming <u>27</u> /	7000-ztr-96-323	US West – Wyoming
1997	lowa 6/	RPU-96-9	US West – Iowa
1997	Illinois 28/	96-0486-0569	Ameritech – Illinois
1997	Indiana 28/	40611	Ameritech – Indiana
1997	Indiana 27/	40734	GTE North
1997	Utah 27/	97-049-08	US West – Utah
1997	Georgia 28/	7061-U	BellSouth – Georgia
1997	Connecticut 25/	96-04-07	So. New England Telephone
1998	Florida 28/	960833-TP et. al.	BellSouth - Florida
1998	Illinois 27/	97-0355	GTE North/South
1998	Michigan 33/	U-11726	Detroit Edison
1999	Maryland 8/	8794	Baltimore Gas & Electric Co.
1999	Maryland 8/	8795	Delmarva Power & Light Co.
1999	Maryland 8/	8797	Potomac Edison Company
1999	West Virginia 2/	98-0452-E-GI	Electric Restructuring
1999	Delaware 24/	98-98	United Water Company
1999	Pennsylvania 3/	R-00994638	Pennsylvania American Water
1999	West Virginia 2/	98-0985-W-D	West Virginia American Water
1999	Michigan 33/	U-11495	Detroit Edison
2000	Delaware 24/	99-466	Tidewater Utilities
2000	New Mexico 34/	3008	US WEST Communications, Inc.
2000	Florida <u>28</u> /	990649-TP	BellSouth -Florida
2000	New Jersey 1/	WR30174	Consumer New Jersey Water
2000	Pennsylvania 3/	R-00994868	Philadelphia Suburban Water
2000	Pennsylvania 3/	R-0005212	Pennsylvania American Sewerage
2000	Connecticut <u>25</u> /	00-07-17	Southern New England Telephone
2001	Kentucky 36/	2000-373	Jackson Energy Cooperative
2001	Kansas <u>38/39/40</u> /	01-WSRE-436-RTS	Western Resources
2001	South Carolina 22/	2001-93-E	Carolina Power & Light Co.
2001	North Dakota <u>37</u> /	PU-400-00-521	Northern States Power/Xcel Energy
2001	Indiana <u>29/41</u> /	41746	Northern Indiana Power Company
2001	New Jersey 1/	GR01050328	Public Service Electric and Gas
2001	Pennsylvania 3/	R-00016236	York Water Company
2001	Pennsylvania <u>3</u> /	R-00016339	Pennsylvania America Water
2001	Pennsylvania <u>3</u> /	R-00016356	Wellsboro Electric Coop.
2001	Florida <u>4</u> /	010949-EL	Gulf Power Company
2001	Hawaii <u>42</u> /	00-309	The Gas Company
2002	Pennsylvania <u>3/</u>	R-00016750	Philadelphia Suburban

2002	Nevada 43/	01-10001 &10002	Nevada Power Company
		2001-244	Fleming Mason Electric Coop.
2002	Kentucky 36/	01-11031	Sierra Pacific Power Company
2002	Nevada 43/	14361-U	BellSouth-Georgia
2002	Georgia 27/		
2002	Alaska 44/	U-01-34,82-87,66	Alaska Communications Systems
2002	Wisconsin 45/	2055-TR-102	CenturyTel
2002	Wisconsin 45/	5846-TR-102	TelUSA
2002	Vermont 46/	6596	Citizen's Energy Services
2002	North Dakota 37/	PU-399-02-183	Montana Dakota Utilities
2002	Kansas 38/	02-MDWG-922-RTS	Midwest Energy
2002	Kentucky 36/	2002-00145	Columbia Gas
2002	Oklahoma 47/	200200166	Reliant Energy ARKLA
2002	New Jersey 1/	GR02040245	Elizabethtown Gas Company
2003	New Jersey 1/	ER02050303	Public Service Electric and Gas Co.
2003	Hawaii 42/	01-0255	Young Brothers Tug & Barge
2003	New Jersey 1/	ER02080506	Jersey Central Power & Light
2003	New Jersey 1/	ER02100724	Rockland Electric Co.
2003	Pennsylvania 3/	R-00027975	The York Water Co.
2003	Pennsylvania /3	R-00038304	Pennsylvania-American Water Co.
2003	Kansas 20/ 40/	03-KGSG-602-RTS	Kansas Gas Service
2003	Nova Scotia, CN 49/	EMO NSPI	Nova Scotia Power, Inc.
2003	Kentucky 36/	2003-00252	Union Light Heat & Power
2003	Alaska 44/	U-96-89	ACS Communications, Inc.
2003	Indiana 29/	42359	PSI Energy, Inc.
2003	Kansas 20/ 40/	03-ATMG-1036-RTS	Atmos Energy
2003	Florida 50/	030001-E1	Tampa Electric Company
2003	Maryland 51/	8960	Washington Gas Light
2003	Hawaii 42/	02-0391	Hawaiian Electric Company
2003	Illinois 28/	02-0864	SBC Illinois
2003	Indiana 28/	42393	SBC Indiana
2004	New Jersey 1/	ER03020110	Atlantic City Electric Co.
2004	Arizona 26/	E-01345A-03-0437	Arizona Public Service Company
2004	Michigan 27/	U-13531	SBC Michigan
2004	New Jersey 1/	GR03080683	South Jersey Gas Company
2004	Kentucky 36/	2003-00434,00433	Kentucky Utilities, Louisville Gas &
2004	Tromasny Co.	2000 00 10 1,00 100	Electric
2004	Florida 50/ 54/	031033-EI	Tampa Electric Company
2004	Kentucky 36/	2004-00067	Delta Natural Gas Company
2004	Georgia 23/	18300, 15392, 15393	Georgia Power Company
2004	Vermont 46/	6946, 6988	Central Vermont Public Service
		,	Corporation
2004	Delaware 24/	04-288	Delaware Electric Cooperative
2004	Missouri 58/	ER-2004-0570	Empire District Electric Company
2005	Florida 50/	041272-EI	Progress Energy Florida, Inc.
2005	Florida 50/	041291-EI	Florida Power & Light Company
2000	T TOTICA OU	) UT 120 1-L1	Librida i ower a Light Company

# PARTICIPATION AS NEGOTIATOR IN FCC TELEPHONE DEPRECIATION RATE REPRESCRIPTION CONFERENCES

COMPANY	YEARS	CLIENT
Diamond State Telephone Co. 24/	1985 + 1988	Delaware Public Service Comm
Bell Telephone of Pennsylvania 3/	1986 + 1989	PA Consumer Advocate
Chesapeake & Potomac Telephone Co Md. 8/	1986	Maryland People's Counsel
Southwestern Bell Telephone – Kansas 20/	1986	Kansas Corp. Commission
Southern Bell – Florida 4/	1986	Florida Consumer Advocate
Chesapeake & Potomac Telephone CoW.Va. 2/	1987 + 1990	West VA Consumer Advocate
New Jersey Bell Telephone Co. 1/	1985 + 1988	New Jersey Rate Counsel
Southern Bell - South Carolina 22/	1986 + 1989 +	1992 S. Carolina Consumer Advocate
GTE-North – Pennsylvania 3/	1989	PA Consumer Advocate

# PARTICIPATION IN PROCEEDINGS WHICH WERE SETTLED BEFORE TESTIMONY WAS SUBMITTED

STATE	DOCKET NO.	UTILITY
Maryland <u>8</u> /	7878	Potomac Edison
Nevada <u>21</u> /	88-728	Southwest Gas
New Jersey <u>1</u> /	WR90090950J	New Jersey American Water
New Jersey <u>1</u> /	WR900050497J	Elizabethtown Water
New Jersey <u>1</u> /	WR91091483	Garden State Water
West Virginia <u>2</u> /	91-1037-E	Appalachian Power Co.
Nevada <u>21</u> /	92-7002	Central Telephone - Nevada
Pennsylvania <u>3</u> /	R-00932873	Blue Mountain Water
West Virginia <u>2</u> /	93-1165-E-D	Potomac Edison
West Virginia <u>2</u> /	94-0013-E-D	Monongahela Power
New Jersey <u>1</u> /	WR94030059	New Jersey American Water
New Jersey <u>1</u> /	WR95080346	Elizabethtown Water
New Jersey <u>1</u> /	WR95050219	Toms River Water Co.
Maryland <u>8</u> /	8796	Potomac Electric Power Co.
South Carolina 22/	1999-077-E	Carolina Power & Light Co.
South Carolina <u>22</u> /	1999-072-E	Carolina Power & Light Co.
Kentucky <u>36</u> /	2001-104 & 141	Kentucky Utilities, Louisville Gas and Electric
Kentucky 36/	2002-485	Jackson Purchase Energy Corporation
Florida 50/ 54/	030157-EI	Progress Energy Florida

### Clients

1/ New Jersey Rate Counsel/Advocate33/ Michigan Attorney General2/ West Virginia Consumer Advocate34/ New Mexico Attorney General3/ Pennsylvania OCA35/ Environmental Protection Agency Enforcement Structure4/ Florida Office of Public Advocate36/ Kentucky Attorney General5/ Toms River Fire Commissioner's37/ North Dakota Public Service Commission6/ Iowa Office of Consumer Advocate38/ Kansas Industrial Group7/ D.C. People's Counsel39/ City of Witchita8/ Maryland's People's Counsel40/ Kansas Citizens' Utility Rate Board	Staff
3/ Pennsylvania OCA35/ Environmental Protection Agency Enforcement S4/ Florida Office of Public Advocate36/ Kentucky Attorney General5/ Toms River Fire Commissioner's37/ North Dakota Public Service Commission6/ Iowa Office of Consumer Advocate38/ Kansas Industrial Group7/ D.C. People's Counsel39/ City of Witchita8/ Maryland's People's Counsel40/ Kansas Citizens' Utility Rate Board	Staff
4/ Florida Office of Public Advocate36/ Kentucky Attorney General5/ Toms River Fire Commissioner's37/ North Dakota Public Service Commission6/ Iowa Office of Consumer Advocate38/ Kansas Industrial Group7/ D.C. People's Counsel39/ City of Witchita8/ Maryland's People's Counsel40/ Kansas Citizens' Utility Rate Board	Staff
5/ Toms River Fire Commissioner's 37/ North Dakota Public Service Commission 6/ Iowa Office of Consumer Advocate 38/ Kansas Industrial Group 7/ D.C. People's Counsel 39/ City of Witchita 8/ Maryland's People's Counsel 40/ Kansas Citizens' Utility Rate Board	
6/ Iowa Office of Consumer Advocate 7/ D.C. People's Counsel 8/ Maryland's People's Counsel 40/ Kansas Industrial Group 39/ City of Witchita 40/ Kansas Citizens' Utility Rate Board	
7/ D.C. People's Counsel39/ City of Witchita8/ Maryland's People's Counsel40/ Kansas Citizens' Utility Rate Board	
8/ Maryland's People's Counsel 40/ Kansas Citizens' Utility Rate Board	
0/ 11 1	
9/ Idaho Public Service Commission 41/ NIPSCO Industrial Group	
10/ Western Burglar and Fire Alarm 42/ Hawaii Division of Consumer Advocacy	
11/ U.S. Dept. of Defense 43/ Nevada Bureau of Consumer Protection	
12/ N.M. State Corporation Comm. 44/ GCI	
13/ City of Philadelphia 45/ Wisc. Citizens' Utility Rate Board	
14/ Resorts International 46/ Vermont Department of Public Service	
15/ Woodlake Condominium Association 47/ Oklahoma Corporation Commission	
16/ Illinois Attorney General 48/ National Association of Utility Consumer Advoca	tes
17/ Mass Coalition of Municipalities 49/ Nova Scotia Utility and Review Board	
18/ U.S. Department of Energy 50/ Florida Office of Public Counsel	
19/ Arizona Electric Power Corp. 51/ Maryland Public Service Commission	
20/ Kansas Corporation Commission 52/ MCI	
21/ Public Service Comm. – Nevada 53/ Transmission Agency of Northern California	
22/ SC Dept. of Consumer Affairs 54/ Florida Industrial Power Users Group	
23/ Georgia Public Service Comm. 55/ Sierra Club	
24/ Delaware Public Service Comm. 56/ Our Children's Earth Foundation	
25/ Conn. Ofc. Of Consumer Counsel 57/ National Parks Conservation Association, Inc.	
26/ Arizona Corp. Commission 58/ Missouri Office of the Public Counsel	
<u>27</u> / AT&T	
28/ AT&T/MCI	
29/ IN Office of Utility Consumer	
Counselor	
30/ Unitel (AT&T – Canada)	
31/ Public Interest Advocacy Centre	
32/ U.S. General Services Administration	

### **INDEX OF EXHIBITS**

## DIRECT TESTIMONY—MICHAEL J. MAJOROS, JR.

### DOCKET NOS. 050045-EI & 050188-EI

EXHIBIT NAME	EXH. NO.	
SUMMARY OF DEPRECIAITION STUDY AS FILED BY COMPANY	MJM-1	
BOOK RESERVE ADJUSTED FOR RESERVE SURPLUS (DEFICIENCY)	MJM-2	-
RATES AND ACCURALS – USING FPL PARAMETERS AND THEORETICAL RESERVES	МЈМ-З	
EXCESSIVE DEPRECIATION	MJM-4	
DEPRECIATION CONCEPTS	MJM-5	
THEORETICAL RESERVE USING SNAVELY KING RECOMMENDED LIVES AND NPV OF NET SALVAGE	MJM-6	
SNAVELY KING LIFE STUDY TRANSMISSION, DISTRIBUTION, AND GENERAL PLANT	MJM-7	
NET SALVAGE EXPERIENCE TEN-YEAR AVERAGE – 1994-2003 AND FIVE-YEAR AVERAGE – 1999-2003	MJM-8	
NET PRESENT VALUE OF FPL'S FUTURE NET SALVAGE REQUESTS USING SNAVELY KING RECOMMENDED LIVES	MJM-9	
SNAVELY KING RECOMMENDED RATES AND ACCURALS	MJM-10	

#### Florida Power & Light Company Summary of Depreciation Study as Filed By Company

			Capital				Proposed	Reserve	Allocated		Adjusted Reserve	
		Volume	Recovery		PIS		Change in	Surplus	Bottom Line		Surplus	
		Number	Date		12/31/2005 1/		Accrual	(Deficiency) 4/	Reserve 2/		(Deficiency)	
		a	b		c		d	e	f f		g	•
	Steam Production										3	
1	Cape Canaveral	1 of 6	2012	\$	164,362,000	\$	(9,674,421)	\$ 38,738,704		\$	38,738,704	
2	Cutler	1 of 6	2011		46,892,124		(2,327,127)	9,364,197			9,364,197	5/
3	Pt Everglades	1 of 6	2011		305,838,674		(9,528,525)	55,310,608			55,310,608	
4	Riviera	1 of 6	2011		101,612,432		(6,181,582)	23,166,032			23,166,032	
5	Sanford Unit 3	2 of 6	2011		25,092,240		252,684	3,065,673			3,065,673	
6	Turkey Point Fossit	2 of 6	2013		160,731,547		(8,039,975)	36,085,679			36,085,679	
7	Manatee	2 of 6	2012		447,950,334		1,312,993	22,985,597			22,985,597	
8	Martin Units 1 & 2	2 of 6	2015		730,276,595		(20,289,371)	135,526,035			135,526,035	
9	Scherer Unit 4 & Common	3 of 6	2029		592,914,334		(14,178,857)	171,414,392			171,414,392	
10	St Johns River Power Park	3 of 6	2028		328,287,170		(6,013,065)	49,935,668			49,935,668	
11	Total Steam				2,903,957,450		(74,667,246)	545,592,585	•		545,592,585	
	Nuclear Production											
12	St. Lucie	4 of 6	2043		2,369,922,827		(58,142,376)	730,076,681	(169,544,733)		560,531,948	3/
13	Turkey Point Nuclear	4 of 6	2033		1,345,642,965		(54,165,340)	539,671,446	(113,670,145)		426,001,301	
14	Total Nuclear			_	3,715,565,792		(112,307,716)	1,269,748,127	(283,214,878)		986,533,249	
	Other Production Plant											
15	Ft. Lauderdale	5 of 6	2018		504,876,782		(8,281,183)	45,470,701			45,470,701	
16	Martin CC	5 of 6	2030		1,019,982,485		(3,013,257)	(1,088,462)			(1,088,462)	6/
17	Putnam	5 of 6	2011		166,555,532		(752,292)	7,264,591			7,264,591	
18	All Gas Turbines	5 of 6	2011		199,398,089		2,480,904	18,049,926			18,049,926	
19	Ft, Myers Plant	5 of 6	2027		708,603,985		(1,737,771)	(5,989,225)			(5,989,225)	
20	Sanford CC	5 of 6	2028		752,957,964		(3,066,313)	(15,974,472)			(15,974,472)	
21	Total Other Production			_	3,352,374,837		(14,369,912)	47,733,059			47,733,059	
22	Transmission	6 of 6		_	2,452,295,403		6,146,856	(37,531,349)	(1,929,193)		(39,460,542)	
23	Distribution - Depreciable & Amortizable	6 of 6			8,478,103,056		4,053,280	103,406,217	(44,605,929)		58,800,288	
24	General Plant - Depreciable & Amortizable	6 of 6			831,934,053		9,974,525	11,693,277			11,693,277	7/
	Total Plant			<u> </u>	21,734,230,591	\$		\$ 1,940,641,916	\$ /320 750 000\	•	1,610,891,916	
23	TOTAL TIME			<u> </u>	21,107,200,001	Ψ_	(101,110,210)	A 1'940'041'910	Ψ (328,130,000)	Ψ	1,010,001,010	

#### Notes

- "Study is based on projected plant and reserve activity through December 31, 2005, the end date for the settlement agreement approved by the FPSC Order No. PSC-02-0501-AS-EL".

  See March 16, 2005 Transmittal Letter to Ms. Blanco Bayo from H. Antonio Cuba, 050188-EL.

  FPL proposes to update later this year to include actual year end December 31, 2004 balances and other known activity and requests that rates be approved effective January 1, 2006 (Id.)
- 2/ FPL states that this is the "Allocation of the unassigned discretionary debit balance in the reserve of \$329.75 million to the nuclear, transmission, and distribution functions based on their relative depreciation reserve surpluses. The unassigned discretionary reserve is the result of the accrual of \$125 million approved in the settlement agreement in Order No. PSC-02-0501-AS-EL, which has been accrued since 2002." (Id.)

  Note that the proposed depreciation rates have been calculated using the "adjusted reserve amounts."
- 3/ Company proposes capital recovery schedules for replacement of St. L 1 steam generator, and St. L 1 & 2 and TP 3 & 4 reactor vessel heads. FPL proposes to recover capital cost plus estimated removal over 4 years 2006-2009. Estimated amount \$102,782,000/4 =\$25,695,500. (ld.)
- 4/ Certain reserves redistributed within functions. (Id.) See Schedule III for all accounts for amounts.
- FPL requesting capital recovery schedule be established for the Cutter Site. Current reserve ratio is over 100% and any additions to the site to be amortized over remaining life of plant. (ld.)
- 6/ FPL Reserve Deficiency calculation did not include pipeline surplus. SK has included pipeline in all calculations.
- 7/ Reserve surplus calculated using reserves shown on Schedule I.

Account Number	Account Descr	iption	Plant Balance at 12/31/2005 a	Ad	djusted Reserve Balance at 12/31/2005 b	F	PL Theoretical Reserve c		eserve Surplus (Deficiency) d=b-c	,	ook Reserve Adjusted for Surplus (Deficiency) e≃b-d
STEAM	PRODUCTION		ű		J		ŭ		4 0 0		0.00
312 314 315 316	Total Cape Canaveral  Structures & Improvements Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment Misc. Power Plant Equipment	\$	17,584,796 100,223,988 35,173,274 9,701,224 1,678,718 164,362,000		17,188,774 99,094,695 34,585,489 9,482,743 1,530,636 161,882,337		12,406,917 75,766,219 25,884,641 7,951,668 1,134,187 123,143,632	\$	4,781,857 23,328,476 8,700,848 1,531,075 396,449		12,406,917 75,766,219 25,884,641 7,951,668 1,134,187
Total	Cape Canaveral	*	104,302,000	Þ	101,002,337	ð	123,143,632	\$	38,738,705	Þ	123,143,632
312 314 315	Total Cutler Structures & Improvements Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment Misc. Power Plant Equipment	· \$	6,987,276 17,806,196 14,802,212 6,352,054 944,386	\$	7,632,894 18,362,950 15,334,491 6,554,046 1,005,151		6,301,402 14,904,004 12,219,484 5,361,889 738,555	\$ 	1,331,492 3,458,946 3,115,007 1,192,157 266,596	\$	6,301,402 14,904,004 12,219,484 5,361,889 738,555
Total	Cutler	\$	46,892,124	\$	48,889,532	\$	39,525,334	\$	9,364,198	\$	39,525,334
312 314 315	Total Manatee  Structures & Improvements  Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment Misc. Power Plant Equipment Manatee	\$ -	93,678,036 194,480,053 127,248,751 25,354,836 7,188,658 447,950,334		77,643,810 147,153,401 104,290,003 21,015,024 5,737,701 355,839,939		84,143,129 139,775,221 85,882,066 17,407,706 5,646,219 332,854,341	\$ \$	(6,499,319) 7,378,180 18,407,937 3,607,318 91,482 22,985,598		84,143,129 139,775,221 85,882,066 17,407,706 5,646,219 332,854,341
312 314 315	Total Martin Structures & Improvements Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment	\$	246,355,719 277,765,059 156,588,043 41,885,813	\$	232,837,632 257,875,919 144,681,731 39,555,816	\$	198,473,024 213,421,407 99,849,836 29,029,158	\$	34,364,608 44,454,512 44,831,895 10,526,658	\$	198,473,024 213,421,407 99,849,836 29,029,158
316 Total	Misc. Power Plant Equipment  Martin	 \$	7,681,961 730,276,595	•	6,782,464 681,733,562		5,434,103 546,207,528	s	1,348,361 135,526,034	_	5,434,103 546,207,528
311 312 314 315	Total Pt. Everglades Structures & Improvements Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment Misc. Power Plant Equipment	\$	23,635,896 177,601,740 66,354,467 35,564,797 2,681,774		22,285,330 146,800,359 62,711,361 33,624,920 2,529,448		20,246,839 124,484,670 43,204,923 22,633,126 2,071,254	\$	2,038,491 22,315,689 19,506,438 10,991,794 458,194		20,246,839 124,484,670 43,204,923 22,633,126 2,071,254
Total	Pt. Everglades	\$	305,838,674	\$	267,951,418	\$	212,640,812	\$	55,310,606	\$	212,640,812
312 314 315	Total Riviera  Structures & Improvements  Boiler Plant Equipment Turbogenerator Units Accessory Electric Equipment Misc. Power Plant Equipment Riviera	\$ 	9,701,218 50,708,205 33,244,563 6,950,986 1,007,460		9,564,867 49,746,865 32,777,282 6,853,285 919,484 99,861,783	_	8,068,569 39,204,872 23,476,974 5,262,705 682,631 76,695,751	\$ 	1,496,298 10,541,993 9,300,308 1,590,580 236,853 23,166,032		8,068,569 39,204,872 23,476,974 5,262,705 682,631 <b>76,695,751</b>

Accour Numbe	ACCOUNT DESCRIDED	Р	lant Balance at 12/31/2005	Α	djusted Reserve Balance at 12/31/2005	F	FPL Theoretical Reserve		serve Surplus (Deficiency)	E	Book Reserve Adjusted for Surplus (Deficiency)
			а		b		C		d≃b-c		e=b-d
3 3 3 3	Total Sanford  11 Structures & Improvements  12 Boller Plant Equipment  14 Turbogenerator Units  15 Accessory Electric Equipment  16 Misc. Power Plant Equipment	\$ s	3,976,149 12,205,889 5,822,437 2,761,804 325,961	_	3,463,309 10,631,589 5,071,467 2,405,590 283,919 21,855,874	_	3,409,794 8,609,129 4,872,288 1,708,740 190,251 18,790,202	\$ 	53,515 2,022,460 199,179 696,850 93,668 3,065,672	_	3,409,794 8,609,129 4,872,288 1,708,740 190,251 18,790,202
Total	Sanford	•	25,092,240	ð	21,000,014	*	16,190,202	4	3,003,612	4	16,7 50,202
3 3 3	Total Scherer  11 Structures & Improvements 12 Boiler Plant Equipment 14 Turbogenerator Units 15 Accessory Electric Equipment 16 Misc. Power Plant Equipment	\$	98,130,670 348,348,372 116,787,715 23,286,105 6,361,472	\$	68,249,837 236,464,937 78,016,816 18,028,615 4,906,943	\$	40,762,560 137,384,533 41,458,433 11,966,967 2,680,261	\$	27,487,277 99,080,404 36,558,383 6,061,648 2,226,682	\$	40,762,560 137,384,533 41,458,433 11,966,967 2,680,261
Total	Scherer	\$	592,914,334	\$	405,667,148	\$	234,252,754	\$	171,414,394	\$	234,252,754
3 3 3	Total SJRPP  11 Structures & Improvements 12 Boiler Plant Equipment 14 Turbogenerator Units 15 Accessory Electric Equipment 16 Misc. Power Plant Equipment SJRPP	\$ 	52,898,438 188,949,579 50,229,295 30,311,011 5,898,847 328,287,170		31,231,349 130,761,851 31,844,964 23,545,331 4,122,427 221,505,922		29,066,583 98,499,969 25,102,730 16,149,817 2,751,153 171,570,252	\$ 	2,164,766 32,261,882 6,742,234 7,395,514 1,371,274 49,935,670		29,066,583 98,499,969 25,102,730 16,149,817 2,751,153 171,570,252
3 3 3	Total Turkey Point Fossil  11 Structures & Improvements  12 Boiler Plant Equipment  14 Turbogenerator Units  15 Accessory Electric Equipment  16 Misc. Power Plant Equipment  Turkey Point Fossil	\$ 	12,461,550 99,178,460 34,986,556 12,123,618 1,981,363 160,731,547	-	11,617,112 92,457,832 32,615,763 11,302,086 1,847,101 149,839,894	_	10,338,600 66,815,265 25,966,044 9,390,485 1,243,821 113,754,215	\$ 	1,278,512 25,642,567 6,649,719 1,911,601 603,280 36,085,679	\$ *	10,338,600 66,815,265 25,966,044 9,390,485 1,243,821 113,754,215
TOTAL	CTEAM DEADLICTION	\$	2,903,957,450	\$	2,415,027,409	\$	1,869,434,821	s	545,592,588	\$	1,869,434,821
<b>NUCLI</b> 3 3 3 3	EAR PRODUCTION  Total St. Lucie 121 Structures & Improvements 122 Reactor Plant Equipment 123 Turbogenerator Units 124 Accessory Electric Equipment	\$	701,078,906 1,060,507,312 274,773,108 266,164,058	-	477,397,436 715,156,445 214,679,700 158,684,344	<u></u>	315,494,353 423,642,392 157,376,040 118,178,245	\$	161,903,083 291,514,053 57,303,660 40,506,099		315,494,353 423,642,392 157,376,040 118,178,245
	25 Misc. Power Plant Equipment		67,399,443	-	36,805,151	-	27,500,099	\$	9,305,052	<u>_</u>	27,500,099
Total	St. Lucie	\$	2,369,922,827	Þ	1,602,723,076	Þ	1,042,191,129	Þ	560,531,947	\$	1,042,191,129

Account Number	ACCOUNT DESCRIPTION	F	Plant Balance at 12/31/2005 a	A	djusted Reserve Balance at 12/31/2005 b	F	PL Theoretical Reserve			eserve Surplus (Deficiency) d=b-c		Book Reserve Adjusted for Surplus (Deficiency) e=b-d
322 323 324	Total Turkey Point Nuclear  Structures & Improvements Reactor Plant Equipment Turbogenerator Units Accessory Electric Equipment Misc. Power Plant Equipment	\$	325,840,357 533,627,189 176,454,002 281,990,511 27,730,906		253,044,033 414,831,886 148,784,199 226,476,080 23,288,822		144,126,959 242,086,115 113,365,314 125,312,994 15,532,338		\$	108,917,074 172,745,771 35,418,885 101,163,086 7,756,484	\$	144,126,959 242,086,115 113,365,314 125,312,994 15,532,338
Total	Turkey Point Nuclear	\$	1,345,642,965	\$	1,066,425,020	\$	640,423,720		\$	426,001,300	\$	640,423,720
TOTAL I	NUCLEAR PRODUCTION	<u>\$</u>	3,715,565,792	<u>\$</u>	2,669,148,096	<u>\$</u>	1,682,614,849		<u>\$</u>	986,533,247	\$	1,682,614,849
OTHER	PRODUCTION											
34; 34; · 34; 34;	Total Lauderdale  1 Structures & Improvements  2 Fuel Holders, Producers & Accessories  3 Prime Movers  4 Generators  5 Accessory Electric Equipment	\$	80,222,441 10,180,945 296,007,008 52,702,423 60,763,965	\$	46,021,379 4,615,003 178,353,236 24,737,841 33,246,173	\$	42,264,612 4,558,533 140,788,525 26,013,483 31,780,828		\$	3,756,767 56,470 37,564,711 (1,275,642) 1,465,345	\$	42,264,612 4,558,533 140,788,525 26,013,483 31,780,828
340 Total	6 Misc. Power Plant Equipment  Lauderdale		5,000,000 504,876,782		4,095,353 291,068,985	<u> </u>	192,307 245,598,288		<b>s</b>	3,903,046 45,470,697	<u> </u>	192,307 245,598,288
34 34: 34: 34: 34:	Total Ft. Myers Combined Cycle  Structures & Improvements Fuel Holders, Producers & Accessories Frime Movers Generators Accessory Electric Equipment Misc. Power Plant Equipment	\$	31,684,194 10,499,202 573,590,542 43,244,927 47,395,656 2,189,464	\$	8,648,168 1,763,515 110,816,636 6,923,051 11,637,153 619,050	\$	4,379,654 1,316,571 104,039,492 27,869,998 8,468,294 322,789		\$	4,268,514 446,944 6,777,144 (20,946,947) 3,168,859 296,261		4,379,654 1,316,571 104,039,492 27,869,998 8,468,294 322,789
Total	Ft. Myers Combined Cycle	\$	708,603,985	\$	140,407,573	\$	146,396,798		\$	(5,989,225)	\$	146,396,798
34. 34. 34. 34.	Total Martin Combined Cycle  1 Structures & Improvements  2 Fuel Holders, Producers & Accessories  3 Prime Movers  4 Generators  5 Accessory Electric Equipment  6 Misc. Power Plant Equipment	\$	54,075,446 21,100,623 741,777,965 98,062,557 99,185,574 5,780,320	\$	26,108,355 17,684,484 184,119,506 20,836,111 27,107,429 3,980,975	\$	22,013,316 16,294,321 185,811,322 20,450,618 36,161,179 194,566	1/	\$	4,095,039 1,390,163 (1,691,816) 385,493 (9,053,750) 3,786,409	\$	22,013,316 16,294,321 185,811,322 20,450,618 36,161,179 194,566
Total	Martin Combined Cycle	\$	1,019,982,485	\$	279,836,860	\$	280,925,322		\$	(1,088,462)	\$	280,925,322
34 34 34 34	Total Putnam  1 Structures & Improvements 2 Fuel Holders, Producers & Accessories 3 Prime Movers 4 Generators 5 Accessory Electric Equipment 6 Misc. Power Plant Equipment Putnam	\$ 	11,165,356 10,313,733 116,138,416 12,762,308 14,271,429 1,904,290 166,555,532		8,921,680 8,239,795 88,258,205 8,621,619 11,100,913 1,504,993	_	9,345,658 6,810,509 82,240,176 9,160,513 11,667,066 158,691 119,382,613		\$	(423,978) 1,429,286 6,018,029 (538,894) (566,153) 1,346,302 7,264,592	-	9,345,658 6,810,509 82,240,176 9,160,513 11,667,066 158,691 119,382,613
TULAT	, and	•	100,000,002	*	120,077,200		110,002,013		4	1,204,332	4	110,002,013

Accoun Numbe	ACCOUNT DESCRIPTION	F	Plant Balance at 12/31/2005	Aı	djusted Reserve Balance at 12/31/2005	FPL Theoretical Reserve		R	eserve Surplus (Deficiency)		Book Reserve Adjusted for Surplus (Deficiency)
			а		b	C			d=b-c		e=b-d
	Total Sanford Combined Cycle		74 546 254				A 40.000 FD0 /				
34	1 Structures & Improvements	\$	74,546,351	\$	20,651,881	\$	10,268,599	\$	10,383,282	\$	10,268,599
34	2 Fuel Holders, Producers & Accessories		3,601,844		665,621		434,595		231,026		434,595
34	3 Prime Movers		542,466,560		84,280,894		89,262,350		(4,981,456)		89,262,350
	4 Generators		58,038,990		6,206,337		33,056,929		(26,850,592)		33,056,929
34	5 Accessory Electric Equipment		67,220,527		14,683,436		10,417,921		4,265,515		10,417,921
34	6 Misc. Power Plant Equipment		7,083,692	_	1,845,145		867,392	_	977,753	_	867,392
Total	Sanford Combined Cycle	\$	752,957,964	\$	128,333,314	\$	144,307,786	\$	(15,974,472)	\$	144,307,786
	Total All Gas Turbines										
34	1 Structures & Improvements	\$	13,049,948	\$	11,876,911	\$	10,814,797	\$	1,062,114	\$	10,814,797
34	2 Fuel Holders, Producers & Accessories		15,206,047		11,081,454		9,898,166		1,183,288		9,898,166
34	3 Prime Movers		111,041,953		94,937,920		84,848,489		10,089,431		84,848,489
34	4 Generators		47,362,327		44,033,687		39,849,766		4,183,921		39,849,766
34	5 Accessory Electric Equipment		12,301,135		11,383,961		9,900,812		1,483,149		9,900,812
34	6 Misc. Power Plant Equipment	_	436,679		423,733		375,713		48,020		375,713
Total	All Gas Turbines	\$	199,398,089	\$	173,737,666	\$	155,687,743	\$	18,049,923	\$	155,687,743
TOTAL	OTHER PRODUCTION	\$	3,352,374,837	\$	1,140,031,603	\$	1,092,298,550	\$	47,733,053	\$	1,092,298,550
TOTAL	PRODUCTION	\$	9,971,898,079	\$	6,224,207,108	\$	4,644,348,220	\$	1,579,858,888	\$	4,644,348,220
	MISSION PLANT	\$	133,920,710	œ	39,945,874	¢	50,889,870	\$	(10,943,996)	æ	50,889,870
	2 Easements	Φ	63,855,052	Ψ	16,998,143	Ф	20,305,906	φ	(3,307,763)	Φ	20,305,906
	O Structures & Improvements		800,488,356		193,360,558		240,146,507		(46,785,949)		240,146,507
	O Station Equipment		159,393,101		35,679,379		48,136,717		(12,457,338)		48,136,717
353.			161,989,863		71,287,978		68,359,722		2,928,256		68,359,722
354.0							218,879,673				
	O Poles & Fixtures		512,598,765		233,648,572 190,533,106		178,607,386		14,768,899 11,925,720		218,879,673
356.			453,318,237		21,989,673		17,359,673				178,607,386 17,359,673
357.			42,757,815 49,886,988		28,784,796		26,160,737		4,630,000		26,160,737
358.	0 Underground Conductors & Devices 0 Roads & Trails		74,086,516		22,346,985		25,189,415		2,624,059 (2,842,430)		25,189,415
		_		_		-		_	· · · · · · · · · · · · · · · · · · ·	_	
TOTAL	TRANSMISSION PLANT	\$	2,452,295,403	\$	854,575,064	\$	894,035,606	\$	(39,460,542)	\$	894,035,606

Account Number	Account Description	F	Plant Balance at 12/31/2005	Adjusted Reserve Balance at 12/31/2005		Reserve		Reserve Surplus (Deficiency) d=b-c			Book Reserve Adjusted for Surplus (Deficiency)
			а		ь		С		d=b-c		e=b-d
	UTION PLANT - DEPRECIABLE					_		_		_	
	Structures & Improvements	\$	118,409,993	\$	29,782,533	\$	31,497,058	\$	(1,714,525)	\$	31,497,058
	Station Equipment		1,079,552,187		331,066,094		310,911,030		20,155,064		310,911,030
364.0	•		728,684,952		342,251,101		333,009,023		9,242,078		333,009,023
	Overhead Conductors & Devices		972,671,528		521,438,905		497,035,151		24,403,754		497,035,151
	Underground Conduit, Duct System		977,490,387		214,256,451		220,912,828		(6,656,377)		220,912,828
	Underground Conduit, Direct Buried		41,085,721		13,529,194		12,490,059		1,039,135		12,490,059
	Underground Conductors & Devices Duct System		1,018,652,299		244,948,551		213,916,983		31,031,568		213,916,983
367.7			411,102,164		220,404,021		184,584,872		35,819,149		184,584,872
	Line Transformers		1,546,811,828		618,739,000		727,001,559		(108,262,559)		727,001,559
	Services, Overhead		149,158,025		81,407,943		87,704,919		(6,296,976)		87,704,919
369.7	•		548,585,882		191,405,426		182,130,513		9,274,913		182,130,513
370.0	Meters		424,466,359		196,446,000		213,082,113		(16,636,113)		213,082,113
371.0	Installations on Customer's Premises		75,016,108		45,502,128		36,015,233		9,486,895		36,015,233
373.0	Street Lighting & Signal Systems	_	320,636,147	_	196,311,951	_	169,039,376		27,272,575		169,039,376
TOTAL D	DISTRIBUTION - DEPRECIABLE	\$	8,412,323,580	\$	3,247,489,298	\$	3,219,330,717	\$	28,158,581	\$	3,219,330,717
DISTRIB	UTION PLANT - AMORTIZABLE										
	UG Conduct & Dev., Cable Injection - 10 year	\$	65,779,476	\$	30,641,707	\$	-	\$	30,641,707	\$	-
	Meters (Amortization of Short-Term Meters)		-		· · · · · -		-	•	, , , , , , , , , , , , , , , , , , ,		-
	DISTRIBUTION - AMORTIZABLE	\$	65,779,476	\$	30,641,707	\$	-	\$	30,641,707	\$	-
TOTAL F	DISTRIBUTION PLANT	\$	8,478,103,056	•	3,278,131,005	e	3,219,330,717	\$	58,800,288	¢	3,219,330,717
IUIALI	3STRIBUTION FLANT	Ψ	0,470,103,030	•	3,270,131,003	φ	3,213,330,717	Ψ	30,000,200	4	3,213,330,111
	L DI ANT. DEDDECIAGLE										
	AL PLANT - DEPRECIABLE	\$	371,471,514	e	126,934,000	æ	139,673,289	s	(12,739,289)	•	420 672 000
	Structures & Improvements Aircraft - Rotary Wing	Φ	8.500.000	Ф	470.158	Ф	689,350	Þ	(219,192)	Ф	139,673,289 689,350
	Aircraft - Rolary Wing Aircraft - Fixed Wing (Jet)		42,937,037		8,712,257		12,773,997		(4,061,740)		12,773,997
1.5	— · · · · · · · · · · · · · · · · · · ·		1,619,841		494,889		635,948		(141,059)		635,948
392.1			20,274,131		8,146,511		12,901,025				·
392.2	• •								(4,754,514)		12,901,025
392.3	· · · · · · · · · · · · · · · · · · ·		145,450,292		57,437,440		79,619,490		(22,182,050)		79,619,490
392.4	•		612,917		207,098		266,128		(59,030)		266,128
392.9	•		12,950,938		2,736,344		5,241,313		(2,504,969)		5,241,313
396.1	• • • • • • • • • • • • • • • • • • • •		3,322,301		857,858		1,102,376		(244,518)		1,102,376
396.8	· · · · · · · · · · · · · · · · · · ·		23,053		14,779		16,012		(1,233)		16,012
397.8	Communications Equipment - Fiber Optics		7,862,228		2,407,786	_	3,841,913		(1,434,127)		3,841,913
TOTAL C	GENERAL - DEPRECIABLE	\$	615,024,252	\$	208,419,120	\$	256,760,841	\$	(48,341,721)	\$	256,760,841

Account Number	Account Description	į	Plant Balance at 12/31/2005	A	Adjusted Reserve Balance at 12/31/2005		FPL Theoretical Reserve	R	teserve Surplus (Deficiency)	F	Book Reserve Adjusted for Surplus (Deficiency)
			а		b		С		d=b-c		e=b-d
GENERA	L PLANT - AMORTIZABLE										
390.1	Leaseholds	\$	2,208,431	\$	1,336,759	\$	12,146	\$	1,324,613	\$	12,146
391.1	Office Furniture		10,825,477		6,009,630		(10,825)		6,020,455		(10,825)
391.2	Office Accessories		2,387,913		1,591,670		-		1,591,670		-
391.3	Office Equipment		264,519		213,388		(265)		213,653		(265)
391.4	Duplicating & Mailing Equipment		1,813,093		1,086,820		(1,813)		1,088,633		(1,813)
391.5	EDP Equipment		27,920,938		17,685,697		-		17,685,697		-
391.9	Personal Computer Equipment		37,655,112		32,078,967		37,655		32,041,312		37,655
392.7	Transportation Equipment - Marine		69,664		71,081		71,081		-		71,081
392.8	Transportation Equipment - Other		31,360		66,751		66,747		4		66,747
393.1	Stores Equipment - Handling Equipment		4,286		47,751		47,794		(43)		47,794
393.2	Stores Equipment - Storage Equipment		8,171,848		4,157,349		4,153,335		4,014		4,153,335
393.3	Stores Equipment - Portable Handling		2,839,474		2,284,404		2,283,849		555		2,283,849
394.1	Shop Equipment - Fixed/Stationary		5,861		17,776		17,788		(12)		17,788
394.2	Shop Equipment - Portable Handling		17,926,703		9,331,974		9,323,379		8,595		9,323,379
395.1	Lab Equipment - Fixed/Stationary		-		29,416		29,445		(29)		29,445
395.2	Lab Equipment - Portable		14,326,505		6,847,671		6,840,192		7,479		6,840,192
397.1	Communications Equipment - Other		-		-		-		-		-
397.2	Communications Equipment - Other 7-Yr Amrt		81,079,700		37,814,455		37,771,190		43,265		37,771,190
397.3	Communications Equipment - Official		21,706		27,180		27,185		(5)		27,185
398.0	Miscellaneous Equipment		9,357,211	_	4,215,286	_	4,210,144		5,142		4,210,144
TOTAL G	GENERAL - AMORTIZABLE	\$	216,909,801	\$	124,914,025	\$	64,879,027	\$	60,034,998	\$	64,879,027
TOTAL G	GENERAL PLANT	\$	831,934,053	\$	333,333,145	\$	321,639,868	\$	11,693,277	\$	321,639,868
TOTAL P	PRODUCTION, T, D & G PLANT	\$	21,734,230,591	\$	10,690,246,322	\$	9,079,354,411	\$	1,610,891,911	\$	9,079,354,411

<sup>1/</sup> Company total did not include Pipeline, however, SK has included it in all calculations.

#### Sources:

Cols. a & b from Schedule I for each plant. Col. c from FPL Schedule III for each plant.

						FPL Proposed					
Account Number	Account Description	Pi	ant Balance at 12/31/2005	oretical Reserve nce at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Est	imated Annual Accrual
			а	b	c=b/a	d	е	f	g=(1-c-f)/e		i≖a*g
STEAM	PRODUCTION										
	Total Cape Canaveral										
311	1 Structures & Improvements	\$	17,584,796	\$ 12,406,917	70.55%	18.1	6.4	-9.0%	6.0%	\$	1,056,462
312	2 Boiler Plant Equipment		100,223,988	75,766,219	75.60%	20.0	5.9	-6.0%	5.2%		5,164,083
	4 Turbogenerator Units		35,173,274	25,884,641	73.59%	23.0	6.4	-2.0%	4.4%		1,561,364
	5 Accessory Electric Equipment		9,701,224	7,951,668	81.97%	23.0	5.3	-6.0%	4.5%		439,850
316	6 Misc. Power Plant Equipment		1,678,718	 1,134,187	67.56%	20.0	6.6	0.0%	4.9%		82,512
Total	Cape Canaveral	\$	164,362,000	\$ 123,143,632	74.92%				5.1%	\$	8,304,270
	Total Cutler										
311	1 Structures & Improvements	\$	6,987,276	\$ 6,301,402	90.18%	29.0	5.0	-9.0%	3.8%	\$	263,001
312	2 Boiler Plant Equipment		17,806,196	14,904,004	83.70%	24.0	5.2	-6.0%	4.3%		763,612
	4 Turbogenerator Units		14,802,212	12,219,484	82.55%	28.0	5.3	-2.0%	3.7%		543,213
	5 Accessory Electric Equipment		6,352,054	5,361,889	84.41%	25.0	5.1	-6.0%	4.2%		268,904
316	6 Misc. Power Plant Equipment		944,386	 738,555	78.20%	24.0	5.0	0.0%	4.4%		41,175
Total	Cutler	\$	46,892,124	\$ 39,525,334	84.29%				4.0%	\$	1,879,905
	Total Manatee										
311	1 Structures & Improvements	\$	93,678,036	\$ 84,143,129	89.82%	30.0	5.4	-9.0%	3.6%	\$	3,327,305
312	2 Boiler Plant Equipment		194,480,053	139,775,221	71.87%	18.3	5.9	-6.0%	5.8%		11,250,177
314	4 Turbogenerator Units		127,248,751	85,882,066	67.49%	18.7	6.3	-2.0%	5.5%		6,970,404
	5 Accessory Electric Equipment		25,354,836	17,407,706	68.66%	18.4	6.5	-6.0%	5.7%		1,456,538
316	6 Misc. Power Plant Equipment		7,188,658	 5,646,219	78.54%	26.0	5.5	0.0%	3.9%		280,488
Total	Manatee	\$	447,950,334	\$ 332,854,341	74.31%				5.2%	\$	23,284,912
	Total Martin										
311	1 Structures & Improvements	\$	246,355,719	\$ 198,473,024	80.56%	33,0	8.8	-9.0%	3.2%	\$	7,961,769
312	2 Boiler Plant Equipment		277,765,059	213,421,407	76.84%	29.0	7.8	-6.0%	3.7%		10,384,140
	4 Turbogenerator Units		156,588,043	99,849,836	63.77%	24.0	9.2	-2.0%	4.2%		6,506,914
	5 Accessory Electric Equipment		41,885,813	29,029,158	69.31%	25.0	8.6		4.3%		1,786,966
316	6 Misc. Power Plant Equipment		7,681,961	 5,434,103	70.74%	25.0	7.4	0.0%	4.0%		303,749
Total	Martin	\$	730,276,595	\$ 546,207,528	74.79%				3.7%	\$	26,943,537
	Total Pt. Everglades										
311	1 Structures & Improvements	\$	23,635,896	\$ 20,246,839	85.66%	25.0	5.4	-9.0%	4.3%	\$	1,021,596
312	2 Boiler Plant Equipment		177,601,740	124,484,670	70.09%	15.2	5.2	-6.0%	6.9%		12,264,766
314	4 Turbogenerator Units		66,354,467	43,204,923	65.11%	15.0	5.4	-2.0%	6.8%		4,532,993
	5 Accessory Electric Equipment		35,564,797	22,633,126	63.64%	13.5	5.4	-6.0%	7.8%		2,789,861
	6 Misc. Power Plant Equipment		2,681,774	2,071,254	77.23%	20.0	4.5	0.0%	5.1%		135,698
Total	Pt. Everglades	\$	305,838,674	\$ 212,640,812	69.53%				6.8%	\$	20,744,914

	FPL Proposed											
Account Number	Account Description	Р	lant Balance at 12/31/2005		oretical Reserve nce at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Esti	mated Annual Accrual
			а		b	c≍b/a	ď	е	f	g=(1-c-f)/e		i=a*g
	Riviera	_		_		00 4704			0.00/	4 770/	•	455.004
	ures & Improvements	\$	9,701,218	\$	8,068,569	83.17% 77.31%	23.0 19.1	5.5 5.1	-9.0% -6.0%	4.7% 5.6%	Þ	455,604 2,852,585
	Plant Equipment		50,708,205 33,244,563		39,204,872 23,476,974	70.62%	17.9	5.5	-0.0%	5.7%		1,896,753
	generator Units		6,950,986		5,262,705	75.71%		5.2	-6.0%	5.8%		404,895
	sory Electric Equipment Power Plant Equipment		1,007,460		682,631	67.76%		5.0	0.0%	6.4%		64,961
316 Misc. i	· ·	S	101,612,432	5	76,695,751	75,48%		5.0	0.070	5.6%	\$	5,674,799
iotai Riviei	a	*	101,012,102	•	. 0,000,00	, -, , - , -					•	
Total:	Sanford										_	
	ures & Improvements	\$	3,976,149	\$	3,409,794	85,76%		5.5	-9.0%	4.2%	\$	168,010
	Plant Equipment		12,205,889		8,609,129	70.53%		5,3	-6.0% -2.0%	6.7% 3.4%		816,873
	generator Units		5,822,437		4,872,288	83.68% 61.87%		5,4 5,4	-2.0% -6.0%	8.2%		197,532 225,701
	sory Electric Equipment		2,761,804 325,961		1,708,740 190,251	58.37%		5.5	0.0%	7.6%		24,672
	Power Plant Equipment	<u> </u>	25,092,240	•	18,790,202	74.88%		5.5	0.070	5.7%	-	1,432,788
Total Sanfo	ord	ð	25,092,240	ð	10,790,202	74,0076				3.1 78	Ψ	1,432,100
Total	<u>Scherer</u>											
311 Struct	ures & Improvements	\$	98,130,670	\$	40,762,560	41.54%		21.0	-9.0%	3.2%	\$	3,152,331
	Plant Equipment		348,348,372		137,384,533	39.44%		16.2	-6.0%	4.1%		14,312,387
	generator Units		116,787,715		41,458,433	35.50%			-2.0%	2.9%		3,376,688
	sory Electric Equipment		23,286,105		11,966,967	51.39%		13.0	-6.0%	4.2% 3.5%		978,196
316 Misc.	Power Plant Equipment		6,361,472		2,680,261	42.13%		16.6	0.0%			221,770
Total Scher	rer	\$	592,914,334	\$	234,252,754	39.51%				3.7%	\$	22,041,372
Total	SJRPP											
311 Struct	ures & Improvements	\$	52,898,438	\$	29,066,583	54.95%	35.0	17.4	-9.0%	3.1%	\$	1,643,196
312 Boiler	Plant Equipment		188,949,579		98,499,969	52.13%	33.0	16.9	-6.0%	3.2%		6,022,908
314 Turbo	generator Units		50,229,295		25,102,730	49.98%	31.0			3.1%		1,574,053
315 Acces	sory Electric Equipment		30,311,011		16,149,817	53.28%				3.1%		929,068
316 Misc.	Power Plant Equipment		5,898,847		2,751,153	46.64%	34.0	16.7	0.0%	3.2%		188,481
Total SJRP	P	. \$	328,287,170	\$	171,570,252	52.26%				3.2%	\$	10,357,705
Total	Turkey Point Fossil											
	tures & Improvements	\$	12,461,550	\$	10,338,600	82.96%	29.0	6.9	-9.0%	3.8%	\$	470,288
	Plant Equipment		99,178,460		66,815,265	67.37%	18.2	6.7	-6.0%	5.8%		5,718,304
	generator Units		34,986,556		25,966,044	74.22%	25.0	6.7	-2.0%	4.1%		1,450,637
	ssory Electric Equipment		12,123,618		9,390,485	77.46%		6.2	-6.0%	4.6%		558,078
	Power Plant Equipment		1,981,363		1,243,821	62.78%	18.6	6,9	0.0%	5.4%		106,879
	ey Point Fossil	\$	160,731,547	\$	113,754,215	70.77%	•			5.2%	\$	8,304,185
TOTAL STEAM	PRODUCTION	\$	2,903,957,450	\$	1,869,434,821	64,38%				4.4%	\$	128,968,387

							FPL Proposed					
Accour Numbe	ACCOUNT Description	F	Plant Balance at 12/31/2005		eoretical Reserve ince at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Es	timated Annual Accrual
			a		b	c≂b/a	d	е	f	g=(1-c-f)/e		i=a*g
NUCLE	AR PRODUCTION											
	Total St. Lucie											
3	21 Structures & Improvements	\$	701,078,906	\$	315,494,353	45.00%	50.0	28.0	-1.0%	2.0%	s	14,021,578
	22 Reactor Plant Equipment	•	1,060,507,312	•	423,642,392	39.95%	40.0	24.0	-2.0%	2.6%	•	27,418,533
	23 Turbogenerator Units		274,773,108		157,376,040	57.27%	34.0	15.1	-4.0%	3,1%		8,503,409
	24 Accessory Electric Equipment		266,164,058		118,178,245	44.40%	47.0	27.0	-2.0%	2.1%		5,678,167
3:	25 Misc. Power Plant Equipment		67,399,443		27,500,099	40.80%	42.0	25.0	-1.0%	2.4%		1,622,979
Total	St. Lucie	\$	2,369,922,827	\$	1,042,191,129	43.98%				2.4%	\$	57,244,665
	Total Turkey Point Nuclear											
	21 Structures & Improvements	\$	325,840,357	\$	144,126,959	44.23%	40.0	23.0	-1.0%	2.5%	\$	8,042,590
	22 Reactor Plant Equipment		533,627,189 176,454,002		242,086,115 113,365,314	45.37% 64.25%	32.0 31.0	17.7 11.6	-2.0% -4.0%	3.2% 3.4%		17,073,055 6,046,592
	23 Turbogenerator Units 24 Accessory Electric Equipment		281,990,511		125,312,994	44.44%	39.0	22.0	-4.0% -2.0%	2.6%		7,377,897
	25 Misc. Power Plant Equipment		27,730,906		15,532,338	56.01%	29.0	13.0	-1.0%	3,5%		959,703
	• •	\$	1,345,642,965	•	640,423,720	47,59%	20.0	10.0	-1.070	2.9%	•	39,499,837
Total	Turkey Point Nuclear	•	1,345,642,565	7	040,423,720	47,3376				2.5%	ð	33,433,637
TOTAL	NUCLEAR PRODUCTION	\$_	3,715,565,792	\$	1,682,614,849	45.29%				2.6%	<u>\$</u>	96,744,502
OTHER	PRODUCTION											
	Total Lauderdale											
3-	41 Structures & Improvements	\$	80,222,441	\$	42,264,612	52.68%	24.0	11.5	-2.0%	4.3%	\$	3,440,496
	42 Fuel Holders, Producers & Accessories	•	10,180,945	•	4,558,533	44.78%	23.0		0.0%	4.5%	•	453,380
	43 Prime Movers		296,007,008		140,788,525	47.56%	17.6	9.2	0.0%	5.7%		16,872,399
3.	44 Generators		52,702,423		26,013,483	49.36%	24.0	12.4	-1.0%	4.2%		2,194,801
3.	45 Accessory Electric Equipment		60,763,965		31,780,828	52.30%	24.0	11.7	-1.0%	4.2%		2,529,235
3-	46 Misc. Power Plant Equipment		5,000,000		192,307	3.85%	13.0	12.5	0.0%	7.7%	_	384,600
Total	Lauderdale	\$	504,876,782	\$	245,598,288	48.65%				5.1%	\$	25,874,912
	Water Mt. Marine Complete of Comple											
	Total Ft. Myers Combined Cycle	\$	31,684,194	æ	4,379,654	13.82%	25.0	21.5	-2.0%	4.1%	œ	1,299,094
	41 Structures & Improvements 42 Fuel Holders, Producers & Accessories	Þ	10,499,202	Φ	1,316,571	12.54%	25.0 25.0		-2.0% 0.0%	4.1%	Ф	419,967
	42 Fuel Holders, Producers & Accessories 43 Prime Movers		573,590,542		104,039,492	18.14%			0.0%	5.6%		31,997,370
	44 Generators		43,244,927		27,869,998	64.45%			-1.0%	1.7%		735,159
	44 Generators 45 Accessory Electric Equipment		47,395,656		8,468,294	17.87%			-1.0%	5.0%		2,370,792
	46 Misc. Power Plant Equipment		2,189,464		322,789	14.74%			0.0%	4.0%		86,819
Total	Ft. Myers Combined Cycle		708,603,985	\$	146,396,798	20.66%				5.2%	\$	36,909,200
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				FPL Proposed								
Account Number	Account Description	F	Plant Balance at 12/31/2005		eoretical Reserve nce at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Est	imated Annual Accrual
			а		b	c=b/a	d	е	f	g=(1-c-f)/e		i=a*g
	Total Martin Combined Cycle											
341	Structures & Improvements	\$	54,075,446	\$	22,013,316	40.71%	23.0	13.8	-2.0%	4.4%	\$	2,401,655
342	Fuel Holders, Producers & Accessories		21,100,623		16,294,321	77.22%	24.0	16.8	0.0%	1.4%		286,114
343	Prime Movers		741,777,965		185,811,322	25.05%	17.6	13,1	0.0%	5.7%		42,439,892
344	Generators		98,062,557		20,450,618	20.85%	25.0	19.7	-1.0%	4.1%		3,989,703
	Accessory Electric Equipment		99,185,574		36,161,179	36.46%	20.0	13.2	-1.0%	4.9%		4,849,573
346	Misc. Power Plant Equipment		5,780,320		194,566	3.37%	14.9	14.3	0.0%	6.8%		390,596
Total	Martin Combined Cycle	\$	1,019,982,485	\$	280,925,322	27.54%				5.3%	\$	54,357,533
	<u>Total Putnam</u>											
341	Structures & Improvements	\$	11,165,356	\$	9,345,658	83.70%	30.0	5.4	-2.0%	3.4%	\$	378,382
342	Fuel Holders, Producers & Accessories		10,313,733		6,810,509	66.03%	16.1	5.5	0.0%	6.2%		637,014
343	Prime Movers		116,138,416		82,240,176	70.81%	15.2	4.4	0.0%	6.6%		7,704,728
344	Generators		12,762,308		9,160,513	71.78%	19.0	5.5	-1.0%	5.3%		678,027
345	Accessory Electric Equipment		14,271,429		11,667,066	81.75%	29.0	5.5	-1.0%	3.5%		499,500
346	Misc. Power Plant Equipment		1,904,290		158,691	8.33%	6.0	5.5	0.0%	16.7%		317,393
Total	Putnam	\$	166,555,532	\$	119,382,613	71.68%				6.1%	\$	10,215,043
	Total Sanford Combined Cycle											
341	Structures & Improvements	\$	74,546,351	\$	10,268,599	13.77%	26.0	22.0	-2.0%	4.0%	\$	2,989,648
342	Fuel Holders, Producers & Accessories		3,601,844		434,595	12.07%	25.0	22.0	0.0%	4.0%		143,959
343	Prime Movers		542,466,560		89,262,350	16.45%	18.0	15.0	0.0%	5.6%		30,215,387
344	Generators		58,038,990		33,056,929	56.96%	51.0	22.0	-1.0%	2.0%		1,161,835
345	Accessory Electric Equipment		67,220,527		10,417,921	15.50%	20.0	17.1	-1.0%	5.0%		3,361,026
346	Misc. Power Plant Equipment		7,083,692		867,392	12.24%	25.0	22.0	0.0%	4.0%		282,575
Total	Sanford Combined Cycle	\$	752,957,964	\$	144,307,786	19.17%				5.1%	\$	38,154,430
	Total All Gas Turbines											
341	Structures & Improvements	\$	13,049,948	\$	10,814,797	82.87%	29.0	5.5	-2.0%	3.5%	\$	453,901
342	Fuel Holders, Producers & Accessories		15,206,047		9,898,166	65.09%	15.6	5,5	0.0%	6.3%		965,169
343	Prime Movers		111,041,953		84,848,489	76.41%	23.0	5.5	0.0%	4.3%		4,762,690
344	Generators		47,362,327		39,849,766	84.14%	32.0	5.4	-1.0%	3.1%		1,478,757
345	Accessory Electric Equipment		12,301,135		9,900,812	80.49%	25.0	5.2	-1.0%	3.9%		485,185
	Misc, Power Plant Equipment		436,679		375,713	86.04%	26.0	3.6	0.0%	3.9%		16,933
Total	All Gas Turbines	\$	199,398,089	\$	155,687,743	78.08%				4.1%	\$	8,162,636
TOTAL C	THER PRODUCTION	\$	3,352,374,837	\$	1,092,298,550	32.58%				5.2%	\$	173,673,756
TOTAL P	RODUCTION	\$	9,971,898,079	\$	4,644,348,220	46.57%				4.0%	\$	399,386,645

						FPL Proposed						
Account Number	Account Description	P	lant Balance at 12/31/2005		eoretical Reserve nce at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Est	imated Annual Accrual
			а		b	c=b/a	d	е	f	g=(1-c-f)/e		i=a*g
TRANSM	MISSION PLANT											
350.2	? Easements	\$	133,920,710	\$	50,889,870	38.00%	50.0	31.0	0.0%	2.0%	\$	2,678,414
352.0	Structures & Improvements		63,855,052		20,305,906	31.80%	47.0	34.0	-10.0%	2.3%		1,468,666
353.0	Station Equipment		800,488,356		240,146,507	30.00%	36.0	25.0	5.0%	2.6%		20,812,697
353.1	Station Equipment - Step-Up Transformers		159,393,101		48,136,717	30.20%	35.0	24.0	5.0%	2.7%		4,303,614
354.0	Towers & Fixtures		161,989,863		68,359,722	42.20%	45.0	28.0	-15.0%	2.6%		4,211,736
355.0	Poles & Fixtures		512,598,765		218,879,673	42.70%	41.0	29.0	-50.0%	3.7%		18,966,154
356.0	Overhead Conductors & Devices		453,318,237		178,607,386	39.40%	44.0	32.0	-45.0%	3.3%		14,959,502
357.0	Underground Conduit		42,757,815		17,359,673	40.60%	46.0	27.0	0.0%	2.2%		940,672
358.0	Underground Conductors & Devices		49,886,988		26,160,737	52.44%	35.0	16.4	0.0%	2.9%		1,446,723
359.0	Roads & Trails		74,086,516		25,189,415	34.00%	50.0	33.0	0.0%	2.0%		1,481,730
TOTAL T	TRANSMISSION PLANT	\$	2,452,295,403	\$	894,035,606	36.46%				2.9%	\$	71,269,909
DISTRIB	UTION PLANT - DEPRECIABLE											
	Structures & Improvements	\$	118,409,993	\$	31,497,058	26.60%	45.0	34.0	-15.0%	2.6%	\$	3,078,660
	Station Equipment	•	1,079,552,187		310,911,030	28.80%	38.0	28.0	-10.0%	2.9%		31,307,013
	Poles, Towers & Fixtures		728,684,952		333,009,023	45.70%	34.0	23.0	-40.0%	4.1%		29,876,083
	Overhead Conductors & Devices		972,671,528		497,035,151	51.10%	35.0	23.0	-50.0%	4.3%		41,824,876
	Underground Conduit, Duct System		977,490,387		220,912,828	22,60%	48.0	38.0	-10.0%	2.3%		22,482,279
	Underground Conduit, Direct Burled		41,085,721		12,490,059	30.40%	41.0	29.0	0.0%	2.4%		986,057
	Underground Conductors & Devices Duct System		1,018,652,299		213,916,983	21.00%	38.0	30.0	-5.0%	2.8%		28,522,264
367.7			411,102,164		184,584,872	44.90%	34.0	19.0	0.0%	2.9%		11,921,963
	Line Transformers		1,546,811,828		727,001,559	47.00%	31.0	20.0	-35.0%	4.4%		68,059,720
	Services, Overhead		149,158,025		87,704,919	58.80%	36.0	23.0	-60.0%	4.4%		6,562,953
	Services, Underground		548,585,882		182,130,513	33.20%	34.0	24.0	-10.0%	3.2%		17,554,748
	) Meters		424,466,359		213,082,113	50.20%	34.0	21.0	-30.0%	3.8%		16,129,722
	Installations on Customer's Premises		75,016,108		36,015,233	48.01%	15.0	8.7	-15.0%	7.7%		5,776,240
	Street Lighting & Signal Systems		320,636,147		169,039,376	52.72%	20.0	12.1	-35.0%	6.8%		21,803,258
	DISTRIBUTION - DEPRECIABLE	\$	8,412,323,580	\$	3,219,330,717	38.27%	20,0	72		3.6%	\$	305,885,837
DISTRIB	SUTION PLANT - AMORTIZABLE											
	9 UG Conduct & Dev.,Cable Injection - 10 year	\$	65,779,476	\$		N/A	10.0	10.0		10.0%	\$	6,577,948
	1 Meters (Amortization of Short-Term Meters)	Ψ	03,775,470	Ψ	<u>.</u>	0.00%	4.0	4.0		25.0%	Ψ	5,517,540
		_					7.0	,			-	0 677 040
TOTAL	DISTRIBUTION - AMORTIZABLE	\$	65,779,476	\$	•	N/A				10.0%	Þ	6,577,948
TOTAL I	DISTRIBUTION PLANT	\$	8,478,103,056	\$	3,219,330,717	37.97%				3.7%	\$	312,463,785

							F					
Account Number	Account Description	F	Plant Balance at 12/31/2005		neoretical Reserve ance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Est	timated Annual Accrual
			а		b	c=b/a	đ	е	f	g=(1-c-f)/e		i=a*g
GENERA	L PLANT - DEPRECIABLE											
390.0	Structures & Improvements	\$	371,471,514	\$	139,673,289	37.60%	38.0	24.0	0.0%	2.6%	\$	9,658,259
392.0	Aircraft - Rotary Wing		8,500,000		689,350	8.11%	7.0	5.9	50.0%	7.1%		603,500
392.0	Aircraft - Fixed Wing (Jet)		42,937,037		12,773,997	29.75%	7.0	3.8	50.0%	5.3%		2,288,092
392.1	Transportation - Automobiles		1,619,841		635,948	39.26%	8.0	4.1	10.0%	12.4%		200,465
392.2	Transportation - Light Trucks		20,274,131		12,901,025	63.63%	9.0	3.8	15.0%	5.6%		1,140,153
392.3	Transportation - Heavy Trucks		145,450,292		79,619,490	54.74%	11.0	4.3	10.0%	8.2%		11,926,924
392.4	Transportation - Tractor-Trailers		612,917		266,128	43.42%	11.0	5.4	15.0%	7.7%		47,195
392.9	Transportation - Trailers		12,950,938		5,241,313	40.47%	18.0	9.6	30.0%	3.1%		398,376
396.1	Power Operated Equipment (Transportation)		3,322,301		1,102,376	33.18%	9.0	5.1	20.0%	9.2%		305,000
396.8	Other Power Operated Equipment		23,053		16,012	69.46%	9.0	3.3	20.0%	3.2%		736
397.8	Communications Equipment - Fiber Optics		7,862,228		3,841,913	48.87%	10.0	7.0	5.0%	6.6%		518,121
TOTAL G	ENERAL - DEPRECIABLE	\$	615,024,252	\$	256,760,841	41.75%				4.4%	\$	27,086,822
OFNEDA	L PLANT - AMORTIZABLE											
	Leaseholds	\$	2,208,431	œ	12.146	N/A	15.3	15.3		6.5%		144,342
	Office Furniture	Ψ.	10,825,477	Φ	(10,825)	N/A	7,0	7.0		14.3%		1,546,497
	Office Accessories		2,387,913		(10,023)	N/A	7.0 5.0	5.0		20.0%		477,583
	Office Equipment		264,519		(265)	N/A	7,0	7.0		14.3%		477,583 37,788
	Duplicating & Mailing Equipment		1,813,093		(1,813)	N/A	7.0	7.0		14.3%		259,013
	EDP Equipment		27,920,938		(1,013)	N/A	5.0	5.0		20.0%		5,584,188
	Personal Computer Equipment		37,655,112		37,655	N/A	3.0	3.0		33.3%		12,551,704
	Transportation Equipment - Marine		69,664		71,081	N/A	5.0	5.0		20.0%		13,933
	Transportation Equipment - Other		31,360		66,747	N/A	5.0	5.0		20.0%		6,272
393.1	Stores Equipment - Handling Equipment		4,286		47,794	N/A	7.0	7.0		14.3%		612
	Stores Equipment - National Equipment		8,171,848		4,153,335	N/A	7.0	7.0		14.3%		1,167,407
	Stores Equipment - Storage Equipment Stores Equipment - Portable Handling		2,839,474		2,283,849	N/A	7.0	7.0		14.3%		405,639
	Shop Equipment - Fixed/Stationary		5,861		17,788	N/A	7.0	7.0		14.3%		837
	Shop Equipment - Portable Handling		17,926,703		9,323,379	N/A	7.0	7.0		14.3%		2,560,958
	Lab Equipment - Fixed/Stationary		17,020,700		29,445	N/A	7.0	7.0		14.3%		2,000,000
	Lab Equipment - Portable		14,326,505		6,840,192	N/A	7.0	7.0		14.3%		2,046,644
393.2	· ·		14,020,000		0,040,132	N/A	7.0	7.0		14.3%		2,040,044
	Communications Equipment - Other 7-Yr Amrt		81,079,700		37,771,190	N/A	7.0	7.0		14.3%		11,582,814
	Communications Equipment - Official		21,706		27,185	N/A	7.0	7.0		14.3%		3,101
	Miscellaneous Equipment		9,357,211		4,210,144	N/A	7.0	7.0		14.3%		1,336,744
	ENERAL - AMORTIZABLE	\$	216,909,801	\$	64,879,027	N/A	7.0	,.5		18.3%	\$	39,726,076
TOTAL G	ENERAL PLANT	\$	831,934,053	\$	321,639,868	38.66%				8.0%	\$	66,812,898
TOTAL P	LANT, EXCL. INTANGIBLES	\$	21,734,230,591	<u>\$</u>	9,079,354,411	41.77%				3.9%	\$	849,933,236

							F	PL Proposed			
Account Number	ACCOUNT DESCRIBATION	P	lant Balance at 12/31/2005	Theoretical R Balance at 12/		Reserve Ratio	Average Service Life	Average Remaining Life	Future Net Salvage Ratio	Remaining Life Depre. Rate	Estimated Annual Accrual
			а	b		c=b/a	d	е	f	g=(1-c-f)/e	i=a*g
302.0 303.0 303.5 303.6 304.0	IBLE PLANT Franchises & Consents Miscellaneous Intangibles Computer Software Capitalized Software - 10 year ITC Interest Synchronization	\$ 	14,102,618 222,558,867 335,084 	130,	783,910 357,138 248,308 779,781 <b>169,137</b>	N/A N/A N/A N/A N/A	50.0 18.3 5.0 10.0 N/A	50.0 18.3 5.0 10.0 N/A	0.0% 0.0% 0.0% 0.0% 0.0%	2.0% 5.4% 20.0% 10.0% 0.0% 19.1%	768,559 44,511,773 33,508
TOTAL A	ALL PLANT	-	21,971,227,160	<u> </u>	523,548	42.00%				4.1%	\$ 895,247,077 \$ (161,089,191)
	IZATION OF RESERVE EXCESS OF ANNUAL ACCRUAL AND AMORTIZATION	\$	1,610,891,911	OVER 10 YEA	RS						\$ 734,157,886

#### Sources:

Cols. a, d, e & f from Schedule I for each plant.
Col. b from FPL Schedule III for each plant.
Reserve excess from Exhibit\_\_\_(MJM-2).

Note: Intangible plant not changed from Company proposal.

#### **Excessive Depreciation**

An excessive depreciation rate is one that produces depreciation expense which is more than necessary to return a company's capital investment over the life of the asset. The concept of excessive depreciation is not new, and in fact was explained by the U.S. Supreme Court in a landmark 1934 decision, Lindheimer v. Illinois Bell Telephone Company, as follows:

If the predictions of service life were entirely accurate and retirements were made when and as these predictions were precisely fulfilled, the depreciation reserve would represent the consumption of capital, on a cost basis, according to the method which spreads that loss over the respective service periods. But if the amounts charged to operating expenses and credited to the account for depreciation reserve are excessive, to that extent subscribers for the telephone service are required to provide, in effect, capital contributions, not to make good losses incurred by the utility in the service rendered and thus to keep investment unimpaired, but to secure additional plant and equipment upon which the utility expects a return.

Confiscation being the issue, the company has the burden of making a convincing showing that the amounts it has charged to operating expenses for depreciation have not been excessive. That burden is not sustained by proof that its general accounting system has been correct. The calculations are mathematical, but the predictions underlying them are essentially matters of opinion. They proceed from studies

of the "behavior of large groups" of items. These studies are beset with a host of perplexing problems. Their determination involves the examination of many variable elements and opportunities for excessive allowances, even under a correct system of accounting, are always present. The necessity of checking the results is not questioned. The predictions must meet the controlling test of experience.

Excessive depreciation rates produce excessive depreciation expense. In other words, if an excessive depreciation rate is applied to the plant balance, it results in excessive depreciation expense. Since depreciation expense flows dollar-for-dollar into the revenue requirement, excessive depreciation expense results in an excessive revenue requirement.

Excessive depreciation also flows dollar-for-dollar into the accumulated depreciation reserve account. This can result in a depreciation reserve actually exceeding the gross plant balance. That is because the depreciation rate is excessive; it is more than necessary to fully depreciate the plant. This is what the Court was talking about in Lindheimer. Therefore, at the end of its life, this results in an accumulated depreciation account which exceeds the original cost in the plant account.

Lindheimer v. Illinois Bell Telephone Company, 292 U.S. 151, 168-170, 54 S.Ct. 658, 665-666 (1934). (Emphasis added; footnote deleted.)

The public accounting profession, through the Financial Accounting Standards Board ("FASB") has also addressed accumulated reserve excesses in its SFAS No. 143.<sup>2</sup> Paragraph B22 says the following:

B22. Paragraph 37 of Statement 19 states that "estimated dismantlement. restoration, and abandonment costs...shall be taken into account in determining amortization depreciation rates." Application of that paragraph has the effect of accruing an expense irrespective requirements for liability recognition in the FASB Concepts Statements. doing so, it results in recognition of accumulated depreciation that can exceed the historical cost of a long-lived The Board concluded that an entity should be precluded including an amount for an asset retirement obligation in the depreciable base of a long-lived asset unless that amount also meets the recognition criteria in this Statement. When an entity recognizes a liability for an asset retirement obligation, it also will recognize an increase in the carrying amount of the related long-lived asset. Consequently, depreciation of that asset will not result in the recognition of accumulated depreciation in excess of the historical cost of a long-lived asset.<sup>3</sup>

As one can see from the above, as recently as 2002, the public accounting profession does not approve of depreciating an asset beyond its original cost. It actually used the word "excess," and it is obvious that it frowns

Statement of Financial Accounting Standards No. 143 ("SFAS No. 143") – Accounting for Asset Retirement Obligations.

<sup>&</sup>lt;sup>3</sup> SFAS No. 143, paragraph B22 (emphasis added).

upon accumulated depreciation balances that exceed the original cost of plant.

GAAP does not control ratemaking, but the rationale described above is both informative and makes sense.

Ultimately, ratepayers pay for excessive depreciation rates. As the U.S. Supreme Court said, the result is the extraction of capital contributions from ratepayers, which the Court decided was inappropriate. Current GAAP accounting rules highlight these amounts associated with negative net salvage and require that they be reported as Regulatory Liabilities ("amounts owed") to ratepayers.

#### **Depreciation Concepts**

#### **Public Utility Depreciation**

From a regulator's perspective, the objective of public utility depreciation is straight-line capital recovery. This is accomplished by allocating the original cost of assets to expense over the lives of those assets through the application of depreciation rates to plant balances.

There are several unique factors driving public utility depreciation rates. First, public utility depreciation is based on a "group life" as opposed to the lives of individual assets. Second, the cost of removing or disposing of an asset that is retired from service is charged to the accumulated depreciation reserve, as opposed to being recognized as an operating expense in the year incurred. Third, the original cost of a retired asset is also recorded in the accumulated depreciation reserve, as opposed to being written off in the year of the asset's retirement/disposal. Fourth, in certain jurisdictions public utility depreciation rates incorporate net salvage factors as discussed above. This is not the case for unregulated entities. Each of these factors affects the depreciation rates that are ultimately determined for the group of assets that are recorded in plant accounts designated by the FERC Uniform System of Accounts ("USOA").

Depreciation expense is one of the primary cost drivers of public utility revenue requirement calculations because these companies are capital intensive. An excessive depreciation rate can unreasonably increase the utility's

revenue requirement and resulting service rates; thereby unnecessarily charging millions of dollars to a utility's customers.

Depreciation is a legitimate expense, but it is a major expense based on a substantial amount of judgment and complex analytical procedures, and it drives utility prices. Therefore, the measurement of depreciation and the calculation of the expense warrant careful regulatory consideration and scrutiny.

I discuss the fundamentals of public utility depreciation below, including the difference between the whole-life and remaining life techniques and the impact of life and net salvage estimation on depreciation rates.

#### Plant Additions, Retirements and Balances

Public utilities record their plant investment activity in the individual plant accounts set-forth in the Federal Energy Regulatory Commission's ("FERC") Uniform System of Accounts ("USOA"). Additions, retirements and balances refer to individual plant accounts. For example, account 331-Structures and Improvements, is a plant account. An annual addition is the original cost of plant added to the account during the year. An annual retirement is the original cost of a prior addition which is now removed from service. The plant balance is what is left.

#### Depreciation Expense

Depreciation expense is a charge to operating expense to reflect the recovery of the cost of an asset. Public utility depreciation expense is typically

straight-line over service life, which results in an equal share of the cost of assets being assigned or allocated to expense each year over the service life of the assets. A service life is the period of time during which depreciable plant [and equipment] is in service.<sup>1</sup> Annual depreciation expense is a cost included in a public utility's revenue requirement.

Annual depreciation expense is calculated by applying a depreciation rate to plant balances. The resulting expense (also called accrual) is charged, just as any other expense, to the revenue requirement and from there it is charged to the utility's customers.

Depreciation is a non-cash expense in contrast to payroll expense, for example, which involves the current outlay of cash. That is, depreciation expense does not involve a specific payment during the current or test-year. Both depreciation and payroll are included as expenses in the income statement and revenue requirement, but no cash flows out of the company for depreciation expense. Instead of reducing the cash account, depreciation expense is recorded on the income statement as an expense and simultaneously recorded on the balance sheet in the accumulated depreciation account; which is shown as an offset to plant in service.

Accumulated depreciation (hereinafter called reserve or accumulated depreciation) is, in essence, a record of the previously recorded depreciation expense. At any point in time, the accumulated depreciation account represents

<sup>&</sup>lt;sup>1</sup> Public Utility Depreciation Practices, August, 1996. National Association of Regulatory Utility Commissioners ("NARUC Manual"), p. 321.

the net accumulated amount of the original cost of assets and net salvage that has been recovered to date. It can be considered a measure of the depreciation recovered from ratepayers.

#### **Depreciation Rates**

Depreciation rates such as FPL's are founded upon three fundamental parameters: a service life, a dispersion pattern and a net salvage ratio. FPL has used the remaining life technique to compute its rates. In order to understand remaining life depreciation, it is useful to first address whole-life depreciation.

#### Whole-Life Technique

The following calculation shows a straight-line whole-life depreciation rate assuming a 10-year average service life. This example does not include net salvage.

#### Table 1

# Straight-Line Whole-Life Depreciation Rate <u>Assuming 10-Year Life</u>

100%= 10.0% 10 yrs.

Each year the 10.0 percent depreciation rate would be applied to plant in service to produce an annual depreciation expense. All things equal, at the end of 10 years, the plant balance will be 100%, and the depreciation reserve balance will be 100%. This equality is important to an understanding of certain issues in this case.

Some utilities, such as FPL, include net salvage in the depreciation rate calculation. A central issue in this case is <u>negative</u> net salvage. I will, therefore, use negative net salvage in my example. Negative net salvage is the net cost of removal of the asset after completion of its service life. For the remainder of this discussion I use the terms negative net salvage, decommissioning and cost of removal interchangeably. Assuming a negative 5 percent (-5%) net salvage ratio, the equation above with a value for negative net salvage is as follows:

#### Table 2

#### Straight-Line Whole-Life Depreciation Rate Assuming 10-Year Life and -5% Net Salvage

 $\frac{100\% - (-5\%)}{10 \text{ yrs.}} = 10.5\%$ 

Negative net salvage <u>increases</u> the resulting whole-life depreciation rate from 10.0% to 10.5%. This happens because negative salvage is, in effect, added to the original cost of the plant. Instead of 100% (which represents the original cost of assets), the numerator becomes 105%. This is equivalent to capitalizing or adding the estimated cost of removal to the original cost of the asset.

At the end of life under this scenario the plant balance will be 100% but the reserve will be 105%. In other words, unlike the "zero net salvage scenario" in Table 1; when negative net salvage is included in a depreciation rate there will not be an equality of plant and reserve at the end of an asset's life because the Company will have charged more depreciation than it paid for the original cost of the asset.

Under these circumstances, equality will only be achieved if the Company actually spends the additional money at the end of the asset's life. However, unless the Company has a legal liability to remove the asset, it is not required to spend the money. Furthermore, since accumulated depreciation is an "unfunded account", even though the Company collected unnecessary cost of removal amounts in the past, it will have already spent that money on whatever it chose: salaries, dividends, etc.

#### Remaining Life Technique

The remaining life technique is similar to the whole-life technique, but it incorporates accumulated depreciation into the numerator of the equation, and the denominator becomes the remaining life rather than the whole life of the asset.

If the hypothetical 10-year asset discussed above is 3 years old, its remaining life would be 7 years (10 - 3 = 7). The accumulated depreciation account would be 31.5 percent of the original cost because the 10.5 percent depreciation rate from Table 2 would have been applied for three years (3 x 10.5% = 31.5%). The remaining life depreciation rate would then be calculated as follows:

#### Table 3

Straight-Line Remaining Depreciation Life Rate
Assuming 10-year Life, 7-year Remaining Life
And -5% Net Salvage

 $\frac{100\% - (-5\%) - 31.5\%}{7 \text{ years}} = 10.5\%$ 

In the examples shown in Tables 2 and 3, the remaining life depreciation rate and the whole-life depreciation rates are the same (10.5 percent), because I have assumed that the accumulated depreciation account is in balance. In other words, based on a continuation of the fundamental parameters, i.e., the 10-year service life and the negative 5 percent net salvage ratio, exactly the right amount of depreciation (31.5 percent) has been charged and collected in the past,

If either the service life or net salvage parameter changes during the life of the plant, the accumulated depreciation account will be out of balance, and the remaining life rate will be either higher or lower than whole-life rate depending on the direction of the imbalance. That is because the Company will have collected either too much depreciation or not enough depreciation in the past, given the current estimates of lives or future net salvage.

The difference between the actual amount recovered, as included in the book depreciation reserve, and a theoretical estimate of what should be in the book reserve, is called a "reserve imbalance." The remaining life technique is often used to deal with such reserve imbalances.

The remaining life technique has been accepted and used in many jurisdictions. Its primary failing is that if there is a reserve imbalance, positive or negative, it results in the application of an incorrect rate to new plant additions. In other words, the remaining life technique perpetuates the same imbalances it attempts to cure. This problem can be resolved by using whole-life rates and separate treatment for any reserve imbalances.

#### Impact of Life and Net Salvage Estimation

Utilities own thousands of assets, represented by millions of dollars of investment. Given the capital intensity of the industry, it is very difficult to track and depreciate every <u>single</u> asset that a utility owns. Public utility depreciation is, therefore, based on a group concept, which relies on averages of the service lives and remaining lives of the assets within a specific group.

These factors are necessarily estimates of the average service lives and average remaining lives of groups of assets. These estimates are in turn based on complex analytical procedures which involve not only the age of existing and retired assets, but also retirement dispersion patterns called "lowa curves." The important point to remember is that service life, average age and lowa curves are all used in the estimation of an average service life and average remaining life of a group of assets and are ultimately used to calculate the depreciation rate for that group of assets.

In depreciation analysis it is axiomatic that the shorter the life, the higher the resulting depreciation rate. If FPL's depreciation rates are based on lives which are too short, the depreciation rates will be too high. What if the 10-year life I used in the earlier examples really should have been 30 years? For example, assume that the analyst conducted statistical analyses which indicated that the average life is actually 30 years. The following table shows the impact of continuing to use a shorter life.

#### Table 4

#### Impact of Reducing a Life From 30 Years to 10 Years

30 year life = 100%/30 = 3.3%

10 year life = 100%/10 = 10.0%

If the life <u>should have been</u> 30 years, the rate should have been 3.3 percent rather than the 10 percent depreciation rate based on a 10 year life. The shorter the life, the higher the rate. If the life is <u>too</u> short, the resulting rate is obviously excessive.

The estimation of future net salvage also has an impact on depreciation rates. Many of FPL's proposed depreciation rates contain negative net salvage factors which charge too much for future cost of removal because they are too negative. They result in excessive depreciation rates. The next table shows the impact on depreciation rates of increasing the cost of removal ratio.

#### Table 5

#### Impact of Increasing Cost of Removal Ratio

-5% ratio = 100 %-(-5)/30 = 3.5 %

-50% ratio = 100 %-(-50)/30 = 5.0 %

Increasing a cost of removal ratio from -5% to -50% increases the depreciation rate from 3.5% to 5.0%. If the estimated -50% cost of removal ratio is not supportable, obviously, the resulting 5.0% depreciation rate is excessive. The combination of these two factors, i.e., understated lives and overstated cost of removal ratios, compounds the excessive depreciation rate problem.

Snavely King

							Recon	nmended Para	meters							
								Average	NPV of							
Account Number	Account Description		ant Balance at 12/31/2005	Reserve Balar 12/31/200			verage rvice Life	Remaining	Future Net	Fu	ture Accruals		Future Net Salvage	Theoretical Reserve		erve Surplus Deficiency)
ridifical			72.0112000	12/0//200			11100 12110	Life	Salvage				•		(-	•
			а	b	c≖b	/a	d	e	f	g:	=(a*(1-f)/d)*e		h=a*f	i=a-g-h		j=b-i
STEAM PRODUCTION																
Total Cape (	Canaverai															
311 Structures &		\$	17,584,796	\$ 17.18	8,774 97.	75%	18.1	6.4	-6.4%	\$	6,640,019	\$	(1,123,477) \$	12,068,254	\$	5,120,520
312 Boiler Plant 8	Equipment		100,223,988	99,0	4,695 98.	87%	20.0	5.9	-4.4%		30,748,720		(4,384,635)	73,859,903		25,234,792
314 Turbogenera	tor Units		35,173,274	34,5	35,489 98.	33%	23.0	6.4	-1.4%		9,904,794		(499,375)	25,767,855		8,817,634
315 Accessory El	lectric Equipment		9,701,224	9,4	32,743 97.	75%	23.0	5.3	-4.5%		2,313,742		(438,268)	7,825,750		1,656,993
316 Misc. Power	Plant Equipment		1,678,718	1,5	91.	18%	20.0	6.6	0.0%		553,977			1,124,741		405,895
Total Cape Canav	eral	\$	164,362,000	\$ 161,8	32,337 98.	49%				\$	50,161,252	\$	(6,445,755) \$	120,646,503	\$	41,235,834
<u>Total Cutler</u>																
311 Structures &		\$	6,987,276	\$ 7.6	32,894 109.	24%	29.0	5.0	-6.9%	\$	1,292,646	\$	(481,158) \$	6,175,788	\$	1,457,106
312 Boiler Plant B			17,806,196		2,950 103		24.0	5.2	-4.5%		4,074,058		(808,741)	14,540,879		3,822,071
314 Turbogenera	tor Units		14,802,212		34,491 103.	60%	28.0	5.3	-1.5%		2,824,262		(222,904)	12,200,854		3,133,637
315 Accessory El	lectric Equipment		6,352,354	6,5	64,046 103	18%	25.0	5.1	-4.6%		1,360,610		(290,053)	5,281,497		1,272,549
316 Misc. Power	Plant Equipment		944,386	1,0	5,151 106.	43%	24,0	5.0	0.0%		198,321		•	746,065		259,086
Total Cutler		\$	46,892,124	\$ 48,8	9,532 104	26%				\$	9,749,897	\$	(1,802,856) \$	38,945,083	\$	9,944,449
Total Manate																
311 Structures &	_	s	93,678,036	¢ 77.6	3,810 82.	88%	30.0	5.4	-6.7%	s	18,211,010	\$	(6,314,181) \$	81,781,207	•	(4,137,397)
312 Boiler Plant B	•	Ą	194,480,053			67%	18.3	5.4 5.9	-6.7% -4.4%	3	65,403,642	Ð	(8,508,183)	137,584,594	J	9,568,807
314 Turbogenera	• •		127,248,751	104,2		96%	18.7	6.3	-4.4%		43,290,025		(1,816,323)	85,775,049		18,514,954
315 Accessory El			25,354,836	•		88%	18.4	6.5	-4.2%		9,393,967		(1,074,165)	17,035,034		3,979,990
316 Misc. Power	* *		7,188,658	•		82%	26.0	5.5	0.0%		1,502,430		(1,014,103)	5,686,228		51,473
Total Manatee	ram Equipment	<u>-</u>	447,950,334			44%	20.0	0.0	0.076	5	137,801,074		(17,712,852) \$	327,862,112	-	27,977,827
TOTAL HIGHAUGE		4	441,550,554	\$ 333,6	3,333 (8.	44 70				•	137,001,074	Đ	(17,712,032) \$	327,002,112	•	21,511,021
<u>Total Martin</u>																
311 Structures &		\$	246,355,719	\$ 232,6	37,632 94.	51%	33.0	8.8	-5,6%	\$	69,373,770	\$	(13,841,511) \$	190,823,460	\$	42,014,172
312 Boiler Plant B	• •		277,765,059	257,8	75,919 92.	84%	29.0	7.8	-4.0%		77,996,429		(10,976,394)	210,745,024		47,130,895
314 Turbogenera			156,588,043	144,6		40%	24.0	9.2	-1.2%		60,505,620		(1,913,665)	97,996,088		46,685,643
315 Accessory El			41,885,813			44%	25.0	8.6	-3.8%		15,129,156		(1,585,795)	28,342,452		11,213,364
316 Misc. Power	Plant Equipment		7,681,961	6,7	32,464 88.	29%	25.0	7.4	0.0%		2,273,860	_	<del></del> _	5,408,101		1,374,363
Total Martin		\$	730,276,595	\$ 681,7	33,562 93.	35%				\$	225,278,835	\$	(28,317,365) \$	533,315,125	\$	148,418,437
Total Pt. Eve	erglades															
311 Structures &		\$	23,635,896	\$ 22.20	35,330 94.	29%	25.0	5.4	-6.7%	s	5,488,255	s	(1,593,130) \$	19,740,771	\$	2,544,559
312 Boiler Plant B	,		177,601,740	146,8		66%	15.2	5.2	-4.5%	•	63,723,504	•	(8,066,510)	121,944,746	•	24,855,613
314 Turbogenera	tor Units		66,354,467		•	51%	15.0	5.4	-1.5%		24,365,360		(993,887)	42,982,994		19,728,367
315 Accessory El	ectric Equipment		35,564,797		-	55%	13.5	5.4	-4.5%		14,787,843		(1,598,116)	22,375,070		11,249,850
316 Misc. Power	Plant Equipment		2,681,774			32%	20.0	4.5	0.0%		603,399		-	2,078,375		451,073
Total Pt. Everglad	es	\$	305,838,674	\$ 267,9	1,418 87.	61%				\$	108,968,361	\$	(12,251,643) \$	209,121,956	\$	58,829,462
Takal Bb /																
<u>Total Riviera</u> 311 Structures &		\$	9,701,218	<b>t</b> 0.50	i4,867 98.	E09/	23.0	5.5	6 79/		2.454.409	\$	(SEO 400) ¢	7,897,210	•	1,667,657
312 Boiler Plant E	•	Φ			•	59% 10%			-6.7%	\$	2,454,408	Ф	(650,400) \$		3	1,007,007
314 Turbogeneral	• •		50,708,205 33,244,563			10%	19.1 17.9	5.1 s.s	-4.6%		14,223,652		(2,315,485)	38,800,038 23,317,685		9,459,597
315 Accessory Eli			6,950,986			59% 50%	18.3	5.5	-1.5%		10,422,171		(495,293)			9,459,597 1,646,864
316 Misc, Power			1,007,460			59% 57"/		5.2	-4.5%		2,060,272		(315,707)	5,206,421		
	rion equipment					27%	15.6	5.0	0.0%		322,387	_		685,073	_	234,411
Total Riviera		\$	101,612,432	\$ 99,80	1,783 98.	28%				\$	29,482,890	\$	(3,776,885) \$	75,906,427	\$	23,955,356

Snavely King

							Reco	mmended Para	ameters							
Account Number	Account Description	P	ant Balance at 12/31/2005		serve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Fı	iture Accruals		Future Net Salvage	Theoretical Reserve		erve Surplus Deficiency)
			а		b	c=b/a	d	e	f	g	=(a*(1-f)/d)*e		h=a*f	i=a-g-h		j=b-i
Total Sanf	<del></del>	_		_					C 78		900 800	•	(266,573) \$	3,346,100	e	117,209
	& Improvements	\$	3,976,149	\$	3,463,309	87.10%	26.0		-6.7%	\$	896,622	\$			Ψ	2,143,900
312 Boiler Plan	, .		12,205,889		10,631,589	87.10%	15.9		-4.5%		4,269,620		(551,420)	8,487,689		230,818
314 Turbogene			5,822,437		5,071,467	87.10%	30.0		-1.5%		1,068,999		(87,211)	4,840,649		712,782
	Electric Equipment		2,761,804		2,405,590	87.10%	13,0		-4.5%		1,193,099		(124,103)	1,692,808		94,210
	er Plant Equipment		325,961		283,919	87.10%	13,2	5.5	0.0%	-	136,252	_	<del></del>	189,709	_	
Total Sanford		\$	25,092,240	\$	21,855,874	87.10%				\$	7,564,592	\$	(1,029,307) \$	18,556,955	\$	3,298,919
Total Sche	erer															
	& Improvements	\$	98,130,670	\$	68,249,837	69.55%	34.0	21.0	-2.9%	\$	61,822,322	\$	(2,869,100) \$	39,177,448	\$	29,072,389
312 Boiler Plan	· · · · · · · · · · · · · · · · · · ·	•	348,348,372	•	236,464,937	67.88%	26.0		-2.5%		220,086,501		(8,779,609)	137,041,480		99,423,457
314 Turbogene			116,787,715		78,016,816	66,80%	36.0		-0.6%		75,211,288		(681,743)	42,258,170		35,758,646
_	Electric Equipment		23,286,105		18,028,615	77.42%	25.0		-3.0%		12,411,494		(696,572)	11,571,183		6,457,432
	er Plant Equipment		6,361,472		4,906,943	77.14%	29.0		0.0%		3,590,415		•	2,771,057		2,135,886
Total Scherer	or read equipment	\$	592,914,334	\$	405,667,148	68.42%				\$	373,122,020	\$	(13,027,024) \$	232,819,338	\$	172,847,810
7710.		•	,,	-	,,								, , , , ,			
Total SJR	<del></del>			_					0.50	•	07 540 005	•	/4 07E 204\ f	27 460 947		4,070,502
	& Improvements	\$	52,898,438	\$	31,231,349	59.04%	35.0		-3.5%	\$	27,612,985	\$	(1,875,394) \$	27,160,847	Þ	36,215,936
312 Boiler Plan			188,949,579		130,761,851	69.20%	33.0		-2.4%		98,990,684		(4,587,020)	94,545,915		8,718,233
314 Turbogene			50,229,295		31,844,964	63.40%	31.0		-0.8%		27,515,608		(413,044)	23,126,731		6,065,286
•	Electric Equipment		30,311,011		23,545,331	77.68%	39.0		-2.4%		13,555,084		(724,118)	17,480,045		
316 Misc. Powe	er Plant Equipment		5,898,847		4,122,427	69,89%	34.0	16.7	0.0%		2,856,812		<del></del> -	3,042,035		1,080,392
Total SJRPP		\$	328,287,170	\$	221,505,922	67.47%				\$	170,531,173	\$	(7,599,576) \$	165,355,573	\$	56,150,349
Total Turk	key Point Fossil															
	& Improvements	\$	12,461,550	\$	11,617,112	93.22%	29.0	6.9	-6.2%	\$	3,181,434	\$	(775,127) \$	10,055,243	\$	1,561,869
312 Boiler Plan	nt Equipment		99,178,460		92,457,832	93.22%	18.2	6.7	-4.2%		37,876,254		(4,156,972)	65,459,178		26,998,654
314 Turbogene	erator Units		34,986,556		32,615,763	93.22%	25.0	6.7	-1.4%		9,610,807		(488,810)	25,864,559		6,751,204
315 Accessory	Electric Equipment		12,123,618		11,302,086	93.22%	23.0	6.2	-4.3%		3,382,489		(521,937)	9,263,066		2,039,020
316 Misc. Powe	er Plant Equipment	_	1,981,363		1,847,101	93.22%	18.6	6.9	0.0%		738,256		·	1,243,107		603,994
Total Turkey Po	oint Fossil	\$	160,731,547	\$	149,839,894	93.22%				\$	54,789,240	\$	(5,942,846) \$	111,885,153	\$	37,954,741
TOTAL STEAM PRO	DUCTION	<u>\$</u>	2,903,957,450	\$	2,415,027,409	83.16%				\$	1,167,449,334	<u>\$</u>	(97,906,109) \$	1,834,414,225	\$	580,613,184
NUCLEAR PRODUC	TION															
m																
Total St. L		\$	704 079 000		477 207 420	69.00%	F0.0	200	0.20	•	202 604 487	\$	(1,565,662) \$	310,040,381	•	167,357,055
	& Improvements	\$	701,078,906	Þ	477,397,436	68.09%	50.0 40.0		-0.2% -0.6%	\$	392,604,187 636,304,387	Þ		430,070,851	Φ	285,085,594
322 Reactor Pl			1,060,507,312		715,156,445	67.44%							(5,867,926)			
323 Turbogene			274,773,108		214,679,700	78.13%	34.0		-1.8%		124,472,218		(4,896,909)	155,197,799		59,481,901 42,181,118
•	Electric Equipment		266,164,058		158,684,344	59.62%	47.0		-0.5%		150,915,021		(1,254,189)	116,503,226		
	er Plant Equipment		67,399,443		36,805,151	54.61%	42.0	25.0	-0.3%		40,439,666		(176,744)	27,136,521	_	9,668,630
Total St. Lucie		\$	2,369,922,827	\$	1,602,723,076	67.63%				\$	1,344,735,479	\$	(13,761,430) \$	1,038,948,778	\$	563,774,298

Snavely King

				Reco	mmended Para	meters							
Account Description Number	Plant Balance at 12/31/2005	Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Fu	ture Accruais		Future Net Salvage	Theoretical Reserve		erve Surplus Deficiency)
	a	ь	c=b/a	d	e	f	g:	=(a*(1-f)/d)*e		h=a*f	i≂a-g-h		j=b-i
Total Turkey Point Nuclear													
321 Structures & Improvements	\$ 325,840,357	\$ 253,044,033	77.66%	40.0	23.0	-0.3%	\$	187,358,205	\$	(951,039) \$	139,433,191	\$	113,610,842
322 Reactor Plant Equipment	533,627,189	414,831,886	77.74%	32.0	17.7	-0.8%		292,801,239		(4,137,132)	244,963,082		169,868,804
323 Turbogenerator Units	176,454,002	148,784,199	84.32%	31.0	11.6	-2.1%		67,546,592		(3,792,826)	112,700,236		36,083,963
324 Accessory Electric Equipment	281,990,511	226,476,080	80.31%	39.0	22.0	-0.6%		161,298,572		(1,736,642)	122,428,581		104,047,499
325 Misc. Power Plant Equipment	27,730,906	23,288,822	83.98%	29.0	13.0	-0.5%		12,617,562		(138,255)	15,251,599		8,037,223
Total Turkey Point Nuclear	\$ 1,345,642,965	\$ 1,066,425,020	79.25%				\$	721,622,170	\$	(10,755,894) \$	634,776,689	\$	431,648,331
TOTAL NUCLEAR PRODUCTION	\$ 3,715,565,792	\$ 2,669,148,096	71.84%				<u>\$</u>	2,066,357,649	<u>\$</u>	(24,517,324) \$	1,673,725,467	<u>\$</u>	995,422,629
OTHER PRODUCTION													
Total Lauderdale	6 00 000 444	40 004 370	r7 070/	24.0	44.5	4.40/	•	20 747 420	\$	(866,807) \$	42,341,809	e	3.679.570
341 Structures & Improvements	\$ 80,222,441					-1.1% 0.0%	\$	38,747,439 5,428,480	Ф	(000,007) \$	4,752,465	Ą	(137,462)
342 Fuel Holders, Producers & Accessories	10,180,945					0.0%		155.226,075		-	140,780,933		37,572,303
343 Prime Movers 344 Generators	296,007,008 52,702,423		46.94%			-0.5%		27,447,422		(271,331)	25,526,332		(788,491)
345 Accessory Electric Equipment	60,763,965					-0.5%		29,859,412		(324,782)	31,229,335		2,016,838
346 Misc. Power Plant Equipment	5,000,000					0.0%		4,812,500		(524,152)	187,500		3,907,853
	***************************************		•		12.5	0.076	_		\$		244,818,374	_	46,250,611
Total Lauderdale	\$ 504,876,782	291,068,985	57.65%	ı			\$	261,521,328	Þ	(1,462,920) \$	244,616,3/4	Þ	46,230,611
Tatal Et Marca Cambinad Costs													
Total Ft. Myers Combined Cycle 341 Structures & Improvements	\$ 31,684,194	\$ 8,648,168	27.29%	25.0	21.5	-0.6%	\$	27,256,806	\$	(200,351) \$	4,627,739	æ	4,020,429
342 Fuel Holders, Producers & Accessories	10,499,202					0.0%	Ð	9,182,631	Φ	(200,331) \$	1,316,571	Ψ	446,944
342 Frime Movers	573,590,542			-		0.0%		471,356,439		_	102,234,103		8,582,533
344 Generators	43,244,927	· · ·				-0.3%		15,806,121		(136,774)	27,575,580		(20,652,529)
345 Accessory Electric Equipment	47,395,656					-0.4%		39,383,241		(194,674)	8,207,089		3,430,064
346 Misc. Power Plant Equipment	2,189,464					0.0%		1,883,075		(10-1,01-1)	306,389		312,661
Total Ft. Myers Combined Cycle	\$ 708,603,985		-		21.5	0.0 /8	\$	564,868,313		(531,799) \$		\$	(3,859,898)
· · · · · · · · · · · · · · · · · · ·	\$ 700,000,500	, , , , , , , , , , , , , , , , , , , ,	13.0176	!			*	704,000,310	•	(001,100)	144,207,411	•	(0,000,000)
Total Martin Combined Cycle													
341 Structures & Improvements	\$ 54,075,446					-1.0%	\$	32,834,611	\$	(516,590) \$	21,757,425	\$	4,350,930
342 Fuel Holders, Producers & Accessories	21,100,623					0.0%		14,888,600		-	6,212,023		11,472,461
343 Prime Movers	741,777,965	· · ·				0.0%		553,885,606		-	187,892,359		(3,772,853)
344 Generators	98,062,557	20,836,111	21.25%	25.0	19.7	-0.3%		77,273,295		(341,531)	21,130,793		(294,682)
345 Accessory Electric Equipment	99,185,574	27,107,429	27.33%	20.0	13.2	-0.5%		65,462,479		(489,233)	34,212,328		(7,104,899)
346 Misc. Power Plant Equipment	5,780,320	3,980,975	68.87%	14.9	14.3	0.0%		5,538,125	_	<u> </u>	242,195		3,738,780
Total Martin Combined Cycle	\$ 1,019,982,485	\$ \$ 279,836,860	27.44%	1			\$	749,882,716	\$	(1,347,354) \$	271,447,123	\$	8,389,737
Total Putnam													
341 Structures & Improvements	\$ 11,165,356	\$ 8,921,680	79.91%	30.0	5,4	-1.5%	\$	2,049,959	\$	(167,240) \$	9,282,637	\$	(360,957)
342 Fuel Holders, Producers & Accessories	10,313,733					0.0%		3,516,983			6,796,750		1,443,045
343 Prime Movers	116,138,416					0.0%		33,726,596		-	82,411,820		5,846,385
344 Generators	12,762,308					-0.7%		3,720,213		(95,069)	9,137,164		(515,545)
345 Accessory Electric Equipment	14,271,429					-0.7%		2,747,250		(106,311)	11,630,490		(529,577)
346 Misc. Power Plant Equipment	1,904,290					0.0%		1,749,090			155,200		1,349,793
Total Putnam	\$ 166,555,532		•				\$	47,510,091	\$	(368,620) \$		\$	7,233,144

Snavely King Recommended Parameters

							Reco	mmended Parar	neters							
Account Number		F	Plant Balance at 12/31/2005	Re	serve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	F	uture Accruals		Future Net Salvage	Theoretical Reserve		serve Surplus Deficiency)
			а		ь	c≍b/a	d	е	f	ç	g=(a*(1-f)/d)*e		h≃a*f	i=a-g-h		j=b-i
	Total Sanford Combined Cycle															
	1 Structures & Improvements	\$	74,546,351	\$	20,651,881	27.70%	26.0		-0.6%	\$	63,960,769	\$	(459,095) \$	11,044,677	\$	9,607,204
34:	2 Fuel Holders, Producers & Accessories		3,601,844		665,621	18.48%	25.0		0.0%		3,169,623		•	432,221		233,400
	3 Prime Movers		542,466,560		84,280,894	15.54%	18.0		0.0%		455,671,910		-	86,794,650		(2,513,756)
	4 Generators		58,038,990		6,206,337	10.69%	51.0		-0.3%		25,537,156		(178,717)	32,680,551		(26,474,214)
	5 Accessory Electric Equipment		67,220,527		14,683,436	21.84%	20.0		-0.4%		57,473,551		(269,082)	10,016,058		4,667,378
34	6 Misc. Power Plant Equipment		7,083,692		1,845,145	26.05%	25.0	22.0	0.0%		6,233,649	_	<del></del>	850,043	_	995,102
Total	Sanford Combined Cycle	\$	752,957,964	\$	128,333,314	17.04%				\$	612,046,658	\$	(906,894) \$	141,818,200	\$	(13,484,886)
	Total Ali Gas Turbines															
	1 Structures & Improvements	\$	13,049,948	\$	11,876,911	91.01%	29.0		-1.5%	\$	2,512,115	\$	(194,424) \$	10,732,257	\$	1,144,654
	2 Fuel Holders, Producers & Accessories		15,206,047		11,081,454	72.88%	15.6		0.0%		5,352,529		-	9,853,518		1,227,936
	3 Prime Movers		111,041,953		94,937,920	85.50%	23.0		0.0%		26,261,422		-	84,780,531		10,157,389
	4 Generators		47,362,327		44,033,687	92.97%	32.0		-0.7%		7,928,454		(354,707)	39,788,580		4,245,107
	5 Accessory Electric Equipment		12,301,135		11,383,961	92.54%	25.0		-0.8%		2,558,636		(93,118)	9,835,617		1,548,344
34	6 Misc. Power Plant Equipment		436,679		423,733	97.04%	26.0	3.6	0.0%	_	59,738	_	<u> </u>	376,941		46,792
Total	All Gas Turbines	\$	199,398,089	\$	173,737,666	87.13%				\$	44,672,894	\$	(642,249) \$	155,367,444	\$	18,370,222
TOTAL	OTHER PRODUCTION	\$	3,352,374,837	\$	1,140,031,603	34.01%				\$	2,280,502,000	\$	(5,259,836) \$	1,077,132,673	\$	62,898,930
TOTAL	PRODUCTION	\$	9,971,898,079	\$	6,224,207,108	62.42%				\$	5,514,308,983	\$	(127,683,269) \$	4,585,272,365	\$	1,638,934,743
TRANS	MISSION PLANT															
350.2	2 Easements	\$	133,920,710	\$	39,945,874	29.83%	99.0	79.6 1/	0.0%	\$	106,654,453	\$	- \$	27,266,257	\$	12,679,617
	Structures & Improvements		63,855,052		16,998,143	26.62%	63.0	51.1 1/	-0.6%		52,248,758		(413,109)	12,019,403		4,978,740
	Station Equipment		800,488,356		193,360,558	24.16%	36.0		1.3%		540,329,640		10,495,751	249,662,965		(56,302,407)
	Station Equipment - Step-Up Transformers		159,393,101		35,679,379	22.38%	35.0	24.0	1.4%		107,112,164		2,204,857	50,076,080		(14,396,701)
	Towers & Fixtures		161,989,863		71,287,978	44.01%	45.0		-3.3%		104,321,472		(5,426,380)	63,094,771		8,193,207
	Poles & Fixtures		512,598,765		233,648,572	45.58%	41.0		-10.6%		401,364,833		(54,253,309)	165,487,241		68,161,331
	Overhead Conductors & Devices		453,318,237		190,533,106	42.03%	44.0		-8.1%		362,654,590		(36,773,672)	127,437,319		63,095,787
	Underground Conduit		42,757,815		21,989,673	51.43%	74.0				33,426,349		-	9,331,466		12,658,207
	Underground Conductors & Devices		49,886,988		28,784,796	57.70%	60,0				34,415,038		-	15,471,950		13,312,846
359.0	Roads & Trails		74,086,516		22,346,985	30.16%	99.0	89.1 1/	0.0%		65,996,268	_		8,090,248		14,256,737
TOTAL,	TRANSMISSION PLANT	\$	2,452,295,403	\$	854,575,064	34.85%				\$	1,808,523,565	\$	(84,165,862) \$	727,937,700	\$	126,637,364

Snavely King Recommended Parameters

							Reco	mmended Paran	neters								
Account Number	Account Description	F	Plant Balance at 12/31/2005	Re	serve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	F	uture Accruals		Future Net Salvage		Theoretical Reserve		serve Surplus Deficiency)
			а		b	c=b/a	d	е	f	ç	g=(a*(1-f)/d)*e		h=a*f		i=a-g-h		j≖b-i
DISTRIBUTION	N PLANT - DEPRECIABLE																
361.0 Struc	ctures & Improvements	\$	118,409,993	\$	29,782,533	25.15%	61.0	50.8 1/	-1.0%	\$	102,299,129	\$	(1,168,933)	\$	17,279,797	\$	12,502,736
362.0 Stati	on Equipment		1,079,552,187		331,066,094	30.67%	38.0	28.0	-2.2%		816,141,453		(24,108,754)		287,519,488		43,546,606
	s, Towers & Fixtures		728,684,952		342,251,101	46.97%	34.0	23.0	-11.7%		553,071,879		(85,073,289)		260,686,362		81,564,739
	rhead Conductors & Devices		972,671,528		521,438,905	53.61%	35.0	23.0	-14.6%		738,257,690		(141,948,117)		376,361,955		145,076,950
366.6 Unde	erground Conduit,Duct System		977,490,387		214,256,451	21.92%	68.0	58.2 1/	-0.4%		853,202,484		(4,335,627)		128,623,530		85,632,921
	erground Conduit,Direct Buried		41,085,721		13,529,194	32.93%	66.0	54.6 1/	0.0%		33,618,391		-		7,467,330		6,061,864
367.6 Unde	erground Conductors & Devices Duct System		1,018,652,299		244,948,551	24.05%	38.0	30.0	-1.0%		825,108,362		(10,219,324)		203,763,261		41,185,290
367.7 Unde	erground Conductors & Devices, Direct Buried		411,102,164		220,404,021	53.61%	34.0	19.0	0.0%		226,517,292		-		184,584,872		35,819,149
	Transformers		1,546,811,828		618,739,000	40.00%	31.0	20.0	-12.0%		1,113,704,516		(185,548,025)		618,655,337		83,663
	rices, Overhead		149,158,025		81,407,943	54.58%	36.0	23.0	-17.5%		113,210,941		(26,121,090)		62,068,174		19,339,769
	rices, Underground		548,585,882		191,405,426	34.89%	65,0	55.2 1/	-0.5%		454,475,974		(2,851,092)		96,961,000		94,444,426
370.0 Mete			424,466,359		196,446,000	46.28%	34.0	21.0	-9.7%		285,241,393		(41,367,843)		180,592,809		15,853,191
	allations on Customer's Premises		75,016,108		45,502,128	60,66%	15.0	8.7	-9.4%		47,642,730		(7,062,352)		34,435,730		11,066,398
373.0 Stree	et Lighting & Signal Systems		320,636,147		196,311,951	61.23%	20.0	12.1	-18.3%	_	228,902,145	_	(58,711,850)	_	150,445,852	_	45,866,099
TOTAL DISTR	IBUTION - DEPRECIABLE	\$	8,412,323,580	\$	3,247,489,298	38.60%				\$	6,391,394,379	:	(588,516,296)	\$	2,609,445,497	\$	638,043,801
DISTRIBUTION	N PLANT - AMORTIZABLE														*		
367.9 UG (	Conduct & Dev.,Cable Injection - 10 year	\$	65,779,476	\$	30,641,707	N/A	10.0	10.0	0.0%	\$	65,779,476	\$		\$	-	\$	30,641,707
370.1 Mete	ers (Amortization of Short-Term Meters)				-	0.00%	4.0	4.0	0.0%		<u> </u>	_					-
TOTAL DISTRI	IBUTION - AMORTIZABLE	\$	65,779,476	\$	30,641,707	N/A				\$	65,779,476	\$	•	\$	•	\$	30,641,707
TOTAL DISTRI	IBUTION PLANT	\$	8,478,103,056	\$	3,278,131,005	38.67%				\$	6,457,173,855	:	(588,516,296)	\$	2,609,445,497	\$	668,685,508
GENERAL PLA	ANT - DEPRECIABLE										d.						
390.0 Struc	ctures & Improvements	\$	371,471,514	\$	126,934,000	34.17%	38.0	24.0	0.0%	\$	231,798,225	9	-	\$	139,673,289	\$	(12,739,289)
392.0 Aircr	aft - Rotary Wing		8,500,000		470,158	5.53%	7.0	5.9	36.5%		4,563,650		3,098,842		837,508		(367,350)
392.0 Aircr	aft - Fixed Wing (Jet)		42,937,037		8,712,257	20.29%	7.0	3.8	40.8%		10,408,933	2/	17,516,314		15,011,790		(6,299,533)
392.1 Tran	sportation - Automobiles		1,619,841		494,889	30.55%	8.0	4.1	8.0%		836,456	2/	130,058		653,327		(158,438)
392.2 Tran	sportation - Light Trucks		20,274,131		8,146,511	40.18%	9.0	3.8	12.2%		4,516,326	2/	2,481,271		13,276,534		(5,130,023)
392.3 Tran	sportation - Heavy Trucks		145,450,292		57,437,440	39.49%	11.0	4.3	7.9%		52,536,645		11,553,911		81,359,736		(23,922,296)
392.4 Tran	sportation - Tractor-Trailers		612,917		207,098	33.79%	11.0	5.4	11.2%		268,090		68,854		275,973		(68,875)
392.9 Tran	sportation - Trailers		12,950,938		2,736,344	21.13%	18.0	9.6	17.9%		4,510,765	3/	2,323,801		6,116,372		(3,380,028)
396.1 Powe	er Operated Equipment (Transportation)		3,322,301		857,858	25.82%	9.0	5.1	15.2%		1,642,851		505,687		1,173,763		(315,905)
396.8 Othe	er Power Operated Equipment		23,053		14,779	64.11%	9.0	3.3	16.8%		2,512		3,864		16,677		(1,898)
397.8 Com	munications Equipment - Fiber Optics		7,862,228		2,407,786	30.62%	4.0	2.3 1/	4.4%		3,037,415	3/	347,006		4,477,807		(2,070,021)
TOTAL GENER	RAL - DEPRECIABLE	\$	615,024,252	\$	208,419,120	33.89%				\$	314,121,868	\$	38,029,608	\$	262,872,776	\$	(54,453,656)

Snavely King

						Reco	mmend <u>e</u>	d Parar	meters								
Account Number	Account Description	P	lant Balance at 12/31/2005	 erve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Averaç Remain Life	ing	NPV of Future Net Salvage	F	uture Accruals		Future Net Salvage		Theoretical Reserve		erve Surplus Deficiency)
			а	b	c=b/a	d	е		f	ç	g=(a*(1-f)/d)*e		h=a*f		i≃a-g-h		j=b-i
GENERAL PLA	NT - AMORTIZABLE														40.440		4 224 642
390.1 Lease	eholds	\$	2,208,431	\$ 1,336,759	N/A	15.3		15.3	0.0%	\$	2,196,285	\$	•	\$	12,146	Đ	1,324,613
391.1 Office	Furniture		10,825,477	6,009,630	N/A	7.0		7.0	0.0%		10,836,302		-		(10,825)		6,020,455
391.2 Office	Accessories		2,387,913	1,591,670	N/A	5.0	1	5.0	0.0%		2,387,913		-				1,591,670
391.3 Office	e Equipment		264,519	213,388	N/A	7.0		7.0	0.0%		264,784		-		(265)		213,653
391.4 Duplic	cating & Mailing Equipment		1,813,093	1,086,820	N/A	7.0	)	7.0	0.0%		1,814,906		-		(1,813)		1,088,633
391.5 EDP	Equipment		27,920,938	17,685,697	N/A	5.0	)	5.0	0.0%		27,920,938		-		-		17,685,697
391,9 Perso	onal Computer Equipment		37,655,112	32,078,967	N/A	3.0	)	3.0	0.0%		37,617,457		•		37,655		32,041,312
392.7 Trans	sportation Equipment - Marine		69,664	71,081	N/A	5.0	)	5.0	0.0%		(1,417)		-		71,081		•
392.8 Trans	sportation Equipment - Other		31,360	66,751	N/A	5.0	)	5.0	0.0%		(35,387)		-		66,747		4
393.1 Store	s Equipment - Handling Equipment		4,286	47,751	N/A	7.0		7.0	0.0%		(43,508)		•		47.794		(43)
393.2 Store	s Equipment - Storage Equipment		8,171,848	4,157,349	N/A	7.0	)	7.0	0.0%		4,018,513		-		4,153,335		4,014
393.3 Store	s Equipment - Portable Handling		2,839,474	2,284,404	N/A	7.0	}	7.0	0.0%		555,625		•		2,283,849		555
394.1 Shop	Equipment - Fixed/Stationary		5,861	17,776	N/A	7.0	)	7.0	0.0%		(11,927)		•		17,788		(12)
394.2 Shop	Equipment - Portable Handling		17,926,703	9,331,974	N/A	7.0	)	7.0	0.0%		8,603,324		-		9,323,379		8,595
395.1 Lab E	Equipment - Fixed/Stationary		-	29,416	N/A	7.0	)	7.0	0.0%		(29,445)	3/	-		29,445		(29)
395.2 Lab E	Equipment - Portable		14,326,505	6,847,671	N/A	7.0	)	7.0	0.0%		7,486,313	3/	-		6,840,192		7,479
397.1 Comr	munications Equipment - Other			-	N/A	7.0	)	7.0	0.0%		-	3/	-		-		
397.2 Comr	munications Equipment - Other 7-Yr Amrt		81,079,700	37,814,455	N/A	7.0	)	7.0	0.0%		43,308,510		-		37,771,190		43,265
397.3 Comr	munications Equipment - Official		21,706	27,180	N/A	7.0	)	7.0	0.0%		(5,479)	3/	-		27,185		(5)
398.0 Misce	ellaneous Equipment		9,357,211	 4,215,286	N/A	7.0	)	7.0	0.0%	_	5,147,067	3/			4,210,144		5,142
TOTAL GENER	AL - AMORTIZABLE	\$	216,909,801	\$ 124,914,025	N/A					\$	152,030,774		<b>.</b>	\$	64,879,027	\$	60,034,998
TOTAL GENER	AL PLANT	\$	831,934,053	\$ 333,333,145	40.07%					\$	466,152,642		38,029,608	3 \$	327,751,803	\$	5,581,342
TOTAL PRODU	ICTION, T, D & G PLANT	\$	21,734,230,591	\$ 10,690,246,322	49.19%					\$	14,246,159,045		\$ (762,335,819	) \$	8,250,407,365	\$ 2	2,439,838,957

<sup>1/</sup> Snavely King recommended change in life.

2/ Formula used is same as FPL's: g=(a-"FPL Adjusted Reserve Balance as shown on Schedule III")\*(1-f)/d)\*e SK is not sure why FPL used this formula for the noted accounts. Reserves used do not match reserve used in rate calculation.

#### 3/ Formula used is same as FPL's: g=(a-b)\*(1-f)/d)\*e

SK is not sure why FPL used this formula for the noted accounts. Reserves used match reserve used in rate calculation.

#### Sources:

Cols. a-b from Schedule I for each plant.
Cols. d-e from Exhibit\_\_\_(MJM-7).
Col. f from Exhibit\_\_\_(MJM-9)

**Snavely King Life Study** 

Transmission, Distribution, and General Plant

# Florida Power & Light Company Snavely King Life Study Transmission, Distribution, and General Plant

#### Description of Analysis Method

The actuarial model requires determining the vintage of all additions, retirements, transfers, adjustments, etc. of plant equipment. This information was retrieved from the data submitted by FPL.

The actuarial data was calculated by first determining the Observed Life Table which includes exposures, retirements, retirement ratio, survival ratio and cumulative survivors. This summary of historical mortality data provides the experience bands for the plant data. The cumulative survivors is plotted and fitted against the 31 lowa curves to determine the best curve and life fit of the plant data.

The results are analyzed and compared with the results submitted by FPL. If the result of FPL is in question (due to various factors including data responses, company study, actuarial data, industry statistics and other related information), then additional calculations are performed to determine the average remaining life. The method chosen was the BG/VG (broad group/vintage group) methodology.

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

## SK Analysis of Proposed Lifes and Survivor Curves Transmission, Distribution, and General Plant Summary 4/

Account						
	Adjusted Plant	Current	Proposed	Data Best Fit	ARL	Notes
	Balance 2005	Curve Life	Curve Life	Curve Life		
Transmission Plant	1/	1/	1/	2/	3/	
350.2 Easements	\$133,920,710	S4.0 - 50.0	S4.0 - 50,0	\$4 - 99.0	* 79.64	Data & Company suggest longer life
352.0 Structures & Improvements	63,855,052	S4.0 - 47.0	S4.0 - 47.0	L2- 63.0 °	51.14	
353.0 Station Equipment	800,488,356	R2.0 - 40.0	R1.5 - 36.0	R1.5 - 37.0		
353.1 Station Equipment - Step-Up Transformers	159,393,101	R2.0 - 40.0	S3.0 - 35.0	L3- 40.0		
354.0 Towers & Fixtures	161,989,863	R5.0 - 45.0	R5.0 - 45.0	SQ - 54.0	-	Substantial transfers affecting results
355.0 Poles & Fixtures	512,598,765	R2.0 - 40.0	R2.0 - 41.0	R2 - 44.0		
356.0 Overhead Conductors & Devices	453,318,237	R2.5 - 37.0	R1.5 - 44.0	R1.5 - 45.0		•
357.0 Underground Conduit	42,757,815	S3.0 - 46.0	S3.0 - 46.0	S2- 74.0 °	55.84	T-Cut 55.5 excludes no exposures/activity
358.0 Underground Conductors & Devices	49,886,988	\$3.0- 35.0	S3.0 - 35.0	R3 - 60.0	40.58	Hit Industry Limit - 60 , (best Fit - 65 R2.5) not changed since 35 yr old study
359.0 Roads & Trails	74,086,516 2,452,295,403	SQ- 50.0	SQ- 50.0	R2.5 - 99.0	* 89.08	very low retirements
Distribution Plant - Depreciable						
361.0 Structures & Improvements	118,409,993	L3.0 - 45	L3.0 - 45.0	R2.5 - 61.0	50.82	2
362.0 Station Equipment	1,079,552,187	R2.0 - 38	R1.5 - 38.0	R1.5 - 39.0		
364.0 Poles, Towers & Fixtures	728,684,952	R1.5 - 30	R1.5 - 34.0	R2 - 35.0		
365.0 Overhead Conductors & Devices	972,671,528	\$1.0 - 33	S0.5 - 35.0	L1 - 39.0		
366.6 Underground Conduit, Duct System	977,490,387	S3.0 - 48	S3.0 - 48.0	L2 68.0 °	58.19	Company T-Cut at 38.5
366.7 Underground Conduit, Direct Buried	41,085,721	S3.0 - 38	S3.0 - 41.0	S1 - 66.0 '	54.55	Company T-Cut at 29.5
367.6 Underground Conductors & Devices Duct System	1,018,652,299	S0.5 - 34	S0.0 - 38.0	R1 - 36.0		
367.7 Underground Conductors & Devices, Direct Buried	411,102,164	R3.0 - 29	R2.5 - 34.0	R2.5 - 38.0		
368.0 Line Transformers	1,546,811,828	L2.0 - 31	L2.0 - 31.0	L2- 31.0		
369.1 Services, Overhead	149,158,025	R1.0 - 36	R1.5 - 36.0	L0- 52.0 °	43.24	Company T-Cut at 32.5
369.7 Services, Underground	548,585,882	R2.0 - 34	R2.0 · 34.0	R2 - 65.0	55.23	Hit Industry Limit - Use R2 Curve
370.0 Meters	424,466,359	R3.0 - 30	S2.0 - 34.0	\$2- 35.0		
371.0 Installations on Customer's Premises	75,016,108	L1.0 - 15	L1.0 - 15.0	O1 - 34.0	28.32	
373.0 Street Lighting & Signal Systems	320,636,147	S5 - 20	S5 - 20.0	S-0.5- 33.0 °	25.70	ı
	8,412,323,580					
General Plant - Depreciable		000 40	04.0.00.0	D4 40.0		
390.0 Structures & Improvements	\$371,471,514	S2.0 - 40	S1.0 - 38.0	R1 - 40.0		
392.0 Aircraft - Rotary Wing	8,500,000	SQ-7	SQ- 7.0	L4- 6.0		
392.0 Aircraft - Fixed Wing (Jet)	42,937,037	SQ- 10	SQ - 7.0	S6- 9.0		
392.1 Transportation - Automobiles	1,619,841	L3.0 - 7	L3.0 - 8.0	L2- 7.0		
392.2 Transportation - Light Trucks	20,274,131	S3.0 - 8	\$3.0 - 9.0	L3- 9.0		
392.3 Transportation - Heavy Trucks	145,450,292	S3.0 - 11	\$3.0 - 11.0	R3- 11.0		
392.4 Transportation - Tractor-Trailers	612,917	S3.0 - 11	S2.0 - 11.0	L3- 9.0		
392.9 Transportation - Trailers	12,950,938	L2.0 - 18	L2.0 - 18.0	L1.5 - 19.0		
396.1 Power Operated Equipment (Transportation)	3,322,301	L0.0 - 10	L0.0 - 9.0	02- 10.0		
396.8 Other Power Operated Equipment	23,053	S0.0 - 10	S1.0 - 9.0	L0.5- 9.0		
397.8 Communications Equipment - Fiber Optics	7,862,228 \$615,024,252	R2.0 - 20	L0.0 - 10.0	LO- 4.0	2.33	Large early rets significantly shortens ASL
	\$11,479,643,235					

<sup>1/</sup> Company Schedule II TDG Depr Studies - 2005 estimated depreciable adjusted balance

<sup>2/</sup> SK calculated

<sup>3/</sup> Average Remaining Life - SK calculated

<sup>4/</sup> Based on observations of Company depreciation data, Company depreciation study, Company responses to questions, and Snavely King analysis

<sup>\*</sup> Snavely King Disagreement with Company Proposed Life and Curve

350.2 - Easements

Observed Life Table Results
Florida Power & Light Company
Account: 350.2 - Easements

Account:	350.2 - Easeme				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	140,156,966	60,723	0.0433	99.9567	1.0000
0.5	137,231,926	2,689	0.0020	99.9980	0.9996
1.5	137,179,284	19,652	0.0143	99.9857	0.9995
2.5	141,224,195	550	0.0004	99.9996	0.9994
3.5	135,597,767	992	0.0007	99.9993	0.9994
4.5	133,379,792	1,880	0.0014	99.9986	0.9994
5.5	133,007,718	9,700	0.0073	99.9927	0.9994
6.5	130,215,163	10,156		99.9922	0.9993
7.5	122,949,303	10,851	0.0088	99.9912	
8.5	120,507,656	26,263	0.0218	99.9782	
9.5	115,862,281	6,072		99.9948	
10.5	107,573,122	756		99.9993	
11.5	107,533,326	49,194		99.9543	0.9989
12.5		8,364	0.0078	99.9922	
13.5		27,283	0.0289	99.9711	0.9983
14.5		-5,007	-0.0054	100.0054	0.9980
15.5		-8,448		100.0093	
16.5		-20,081	-0.0246	100.0246	
17.5		17,833		99.9779	0.9984
18.5		97,355		99.8685	0.9982
19.5		1,026		99.9980	0.9969
20.5		2,138	0.0047	99.9953	0.9969
21.5		3,116	0.0083	99.9917	0.9968
22.5		5	0.0000	100.0000	0.9968
23.5		21,584	0.0637	99.9363	0.9968
24.5		1,207	0.0037	99.9963	0.9961
25.5		0	0.0000	100.0000	0.9961
26.5		-37	-0.0001	100.0001	0.9961
27.5		-88	-0.0003	100.0003	0.9961
28.5		30	0.0001	99.9999	0.9961
29.5		4,825	0.0195	99.9805	0.9961
30.5		343	0.0014	99.9986	
31.5		0	0.0000	100.0000	0.9959
32.5		320	0.0014	99.9986	0.9959
33.5		28,684	0.1456	99.8544	0.9959
34.5		2,008	0.0129	99.9871	0.9944
35.5		-772	-0.0051	100.0051	0.9943
36.5		171	0.0012	99.9988	0.9943
37.5		3,895	0.0319	99.9681	0.9943
38.5		-4,150	-0.0362	100.0362	0.9940
39.5		-1,034	-0.0131	100.0131	0.9944
40.5		2,738	0.0364	99.9636	0.9945
41.5		137	0.0021	99.9979	0.9941
42.5	5,525,932	0	0.0000	100.0000	0.9941

Observed Life Table Results Florida Power & Light Company Account: 350.2 - Easements

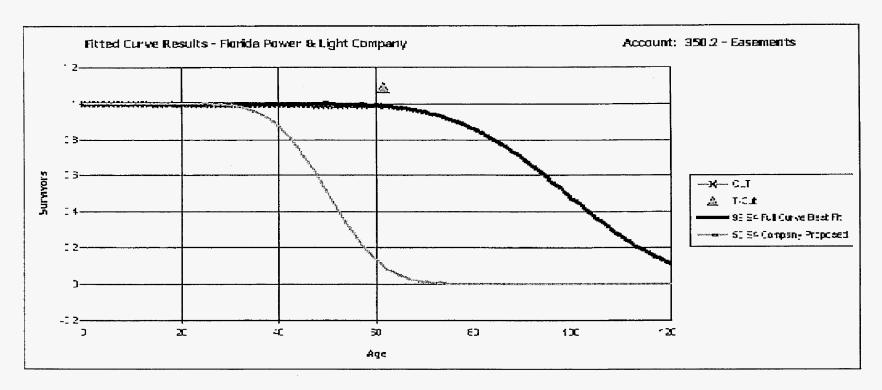
Account:	350.2 - Easeme		III (1)	<del> </del>	
Age	Exposures	Retirements		Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
43.5	3,768,259	750	0.0199	99.9801	0.9941
44.5	3,466,787	0	0.0000	100.0000	0.9939
45.5		770	0.0264	99.9736	0.9939
46.5	2,121,269	2,200	0.1037	99.8963	0.9936
47.5	1,919,280	0	0.0000	100.0000	0.9926
48.5	1,273,379	0	0.0000	100.0000	0.9926
49.5		0	0.0000	100.0000	0.9926
50.5	494,400	0	0.0000	100.0000	0.9926
51.5	188,484	0	0.0000	100.0000	0.9926
52.5	52,638	. 0	0.0000	100.0000	0.9926
53.5	49,437	0	0.0000	100.0000	0.9926
54.5	48,806	0	0.0000	100.0000	0.9926
55.5	35,337	0	0.0000	100.0000	0.9926
56.5	29,597	0	0.0000	100.0000	0.9926
57.5	26,040	0	0.0000	100.0000	0.9926
58.5	25,351	0	0.0000	100.0000	0.9926
59.5	22,865	0	0.0000	100.0000	0.9926
60.5	8,841	0	0.0000	100.0000	0.9926
61.5	0	0	0.0000	100.0000	0.9926

Best Fit Curve Results Florida Power & Light Company Account: 350.2 - Easements

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
S4	99.0	9.832
R5	94.0	9.923
L5	94.0	11.062
S5	83.0	11.758
S6	74.0	13.033
SQ	62.0	15.014
L4	100.0	53.627
R4	100.0	96.342
S3	100.0	123.918
L3	100.0	528.560
R3	100.0	767.213
S2	100.0	862.638
R2.5	100.0	1,738.307
S1.5	100.0	1,832.988
L2	100.0	2,825.652
R2	100.0	3,142.836
S1	100.0	3,221.988
S0.5	100.0	5,375.222
L1.5	100.0	5,389.810
R1.5	100.0	5,495.552
S0	100.0	8,179.625
R1	100.0	8,552.311
L1	100.0	
S-0.5	100.0	
L0.5	100.0	
R0.5	100.0	
L0	100.0	
O1	100.0	18,786.609
O2	100.0	
O3	100.0	· · · · · · · · · · · · · · · · · · ·
04	100.0	74,951.404

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 25
Maximum Life Parameter: 100
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	100
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

#### 350.2 - Easements

## Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

99

**S4** 

			BG/V	Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
		4 504 000	00.00	00.50	45 770	4 554 057
2003	0.5	1,561,982	99.00	98.50	15,778	1,554,057
2002	1.5	3,008,605	99.00	97.50	30,390	2,962,952
2001	2.5	965,302	99.00	96.50	9,751	940,904
2000	3.5	3,503,412	99.00	95.50	35,388	3,379,475
1999	4.5	1,828,507	99.00	94.50	18,470	1,745,352
1998	5 <b>.5</b>	240,014	99.00	93.50	2,424	226,674
1997	6.5	3,147,863	99.00	92.50	31,797	2,941,113
1996	7.5	7,752,876	99.00	91.50	78,312	7,165,361
1995	8.5	2,465,264	99.00	90.50	24,902	2,253,544
1994	9.5	4,147,780	99.00	89.50	41,897	3,749,666
1993	10.5	8,286,164	99.00	88.50	83,699	7,407,140
1992	11.5	485,788	99.00	87.50	4,907	429,347
1991	12.5	33,491	99.00	86.50	338	29,262
1990	13.5	12,737,175	99.00	85.50	128,658	10,999,998
1989	14.5	2,508,200	99.00	84.50	25,335	2,140,780
1988	15.5	1,353,857	99.00	83.50	13,675	1,141,859
1987	16.5	9,541,804	99.00	82.50	96,382	7,951,286
1986	17.5	716,982	99.00	81.50	7,242	590,227
1985	18.5	917,828	99.00	80.50	9,271	746,294
1984	19.5	7,869,320	99.00	79.50	79,488	6,319,123
1983	20.5	6,261,225	99.00	78.50	63,245	4,964,566
1982	21.5	5,333,619	99.00	77.50	53,875	4,175,187
1981	22.5	194,407	99.00	76.50	1,964	150,219
1980	23.5	2,982,566	99.00	75.50	30,127	2,274,515
1979	24.5	988,125	99.00	74.50	9,981	743,567
1978	25.5	691,913	99.00	73.50	6,989	513,677
1977	26.5	940,279	99.00	72.50	9,498	688,567
1976	27.5	4,995,434	99.00	71.50	50,459	3,607,700
1975	28.5	1,398,326	99.00	70.50	14,125	995,746
1974	29.5	600,178	99.00	69.50	6,062	421,324
1973	30.5	698,321	99.00	68.50	7,054	483,166
1972	31.5	332,358	99.00	67.50	3,357	226,601
1971	32.5	129,205	99.00	66.50	1,305	86,786
1970	33.5	3,829,295	99.00	65.50	38,680	2,533,449
1969	34.5	4,096,488	99.00	64.50	41,379	2,668,852
.500	51.0	.,000,.00		550	,	_,000,002

#### 350.2 - Easements

## Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

99

**S4** 

			BG/V	S Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	Investment	Life	Life	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	361,863	99.00	63.50	3,655	232,099
1967	36.5	1,052,717	99.00	62.50	10,634	664,582
1966	37.5	1,855,575	99.00	61.50	18,743	1,152,693
1965	38.5	740,567	99.00	60.50	7,480	452,570
1964	39.5	3,608,408	99.00	59.50	36,449	2,168,731
1963	40.5	345,040	99.00	58.50	3,485	203,896
1962	41.5	978,092	99.00	57.50	9,880	568,126
1961	42.5	1,001,876	99.00	56.51	10,120	571,846
1960	43.5	1,757,786	99.00	55.51	17,755	985,601
1959	44.5	300,340	99.00	54.51	3,034	165,381
1958	45.5	550,649	99.00	53.52	5,562	297,679
1957	46.5	789,607	99.00	52.53	7,976	418,935
1956	47.5	199,789	99.00	51.53	2,018	103,999
1955	48.5	645,900	99.00	50.54	6,524	329,761
1954	49.5	443,739	99.00	49.56	4,482	222,122
1953	50.5	334,990	99.00	48.57	3,384	164,353
1952	51.5	305,715	99.00	47.59	3,088	146,958
1951	52.5	135,846	99.00	46.61	1,372	63,959
1950	53.5	3,202	99.00	45.64	32	1,476
1949	54.5	631	99.00	44.67	6	285
1948	55.5	13,469	99.00	43.70	136	5,946
1947	56.5	5,740	99.00	42.74	58	2,478
1946	57.5	3,558	99.00	41.79	36	1,502
1945	58.5	689	99.00	40.85	7	284
1944	59.5	2,486	99.00	39.91	25	1,002
1943	60.5	14,023	99.00	38.98	142	5,522
1942	61.5	8,841	99.00	38.06	89	3,399
1941	62.5	0	99.00	37.15	0	0
1541	02.0	Ť	55.55	55	_	_
		122,005,096			1,232,375	98,143,521
AVERAGE S	ERVICE I	_IFE				99.00
AVERAGE R	EMAININ	G LIFE				79.64

352 - Structures & Improvements

### **Observed Life Table Results** Florida Power & Light Company Account: 352 - Structures & Imp

Account.	352 - Structures Exposures	Retirements	Retirement	Survivor	Cumulative
Age	Exposures	Kethements	Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003	11410 (70)	71410 (70)	Carritolo
0	65,358,694	17,512	0.0268	99.9732	1.0000
0.5	61,647,121	9,989		99.9838	
1.5	58,780,896			99.9628	0.9996
2.5	50,869,754	25,079		99.9507	0.9992
3.5	46,178,003	27,825		99.9397	0.9987
4.5	43,016,307	46,936		99.8909	0.9981
5.5	41,854,188	72,465		99.8269	0.9970
6.5	40,891,313	88,201		99.7843	0.9953
7.5	41,230,861	116,907		99.7165	0.9931
8.5	34,898,638	100,100		99.7132	0.9903
9.5	34,375,508	47,281	0.1375	99.8625	0.9875
10.5	29,485,453	46,744	0.1585	99.8415	0.9861
11.5	28,837,781	53,173	0.1844	99.8156	0.9846
12.5	28,284,807	80,289	0.2839	99.7161	0.9827
13.5	28,072,453	71,520	0.2548	99.7452	0.9800
14.5	27,659,305	68,619	0.2481	99.7519	0.9775
15.5	22,801,548	4,319	0.0189	99.9811	0.9750
16.5	22,550,764	43,064	0.1910	99.8090	0.9749
17.5	21,967,942	68,396		99.6887	0.9730
18.5	20,993,815			99.7965	0.9700
19.5	17,260,502			98.6631	0.9680
20.5	15,284,037	-120,064		100.7856	0.9550
21.5	12,365,131	29,193		99.7639	0.9625
22.5	12,290,256	39,645		99.6774	0.9603
23.5	9,487,693	86,538		99.0879	0.9572
24.5	8,322,769	15,358		99.8155	0.9484
25.5	7,870,398	3,459		99.9560	0.9467
26.5	6,011,286	23,991		99.6009	0.9463
27.5	4,771,035	34,459		99.2777	0.9425
28.5	4,351,924	396		99.9909	0.9357
29.5	3,802,617	23,800		99.3741	0.9356
30.5	3,440,392	1,207		99.9649	0.9298
31.5	2,731,349	1,165		99.9573	0.9294
32.5	2,532,055	17,659	<del></del>	99.3026	0.9290
33.5		10,771	0.6612		0.9226
34.5	1,570,799	7,795		99.5037	0.9165
35.5	1,456,695			97.9864	0.9119
36.5	1,369,810	47,654		96.5212	0.8935
37.5	1,114,199	-17,013	-1.5269	101.5269	0.8625
38.5	1,020,865	20,951	2.0523	97.9477	0.8756
39.5	996,801	20,354	2.0420	97.9580	0.8577
40.5	888,186	890	0.1002	99.8998	0.8401
41.5		34,790	4.0499	95.9501	0.8393
42.5	763,253	119,928	15.7128	84.2872	0.8053

## Observed Life Table Results Florida Power & Light Company

Account: 352 - Structures & Improvements

	Account: 352 - Structures & Improvements				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
43.5	616,182	60,054	9.7461	90.2539	0.6788
44.5	522,641	3,218	0.6157	99.3843	0.6126
45.5	400,467	0	0.0000	100.0000	0.6088
46.5	296,185	4,850	1.6374	98.3626	0.6088
47.5	273,801	1,466	0.5353	99.4647	0.5989
48.5	257,460	735	0.2855	99.7145	0.5957
49.5	241,410	187	0.0774	99.9226	0.5940
50.5	267,910	106	0.0395	99.9605	0.5935
51.5	207,684	0	0.0000	100.0000	0.5933
52.5	204,379	5,961	2.9166	97.0834	0.5933
53.5	196,980	0	0.0000	100.0000	0.5760
54.5	193,745	0	0.0000		0.5760
55.5	183,991	0	0.0000	100.0000	0.5760
56.5	183,991	0	0.0000	100.0000	0.5760
57.5	183,991	0	0.0000	100.0000	0.5760
58.5	176,964	17,792	10.0538	89.9462	0.5760
59.5	159,008	28,665	18.0275	81.9725	0.5181
60.5	104,754	0	0.0000	100.0000	0.4247
61.5	99,466	0	0.0000	100.0000	0.4247

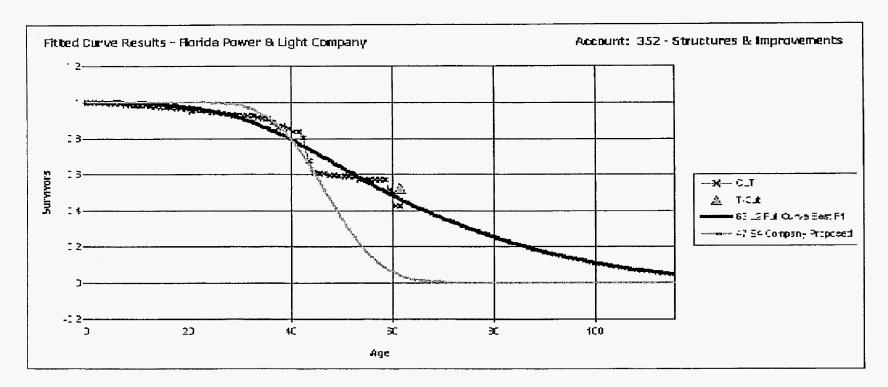
#### Best Fit Curve Results Florida Power & Light Company

Account: 352 - Structures & Improvements

Curve	Life	Sum of
Cuive	21.0	Squared
		Differences
BAND	1941 - 2003	D.1101011000
L2	63.0	976.038
S1.5	58.0	1,076.020
S2	57.0	1,164.191
S1	60.0	1,293.433
R2.5	56.0	1,342.513
L1.5	65.0	1,382.987
R2	57.0	
L3	59.0	
R3	55.0	
S0.5	62.0	
L1	69.0	
R1.5	58.0	
S3	56.0	
S0	65.0	
L0.5	74.0	
R1	62.0	
R4	55.0	
S-0.5	70.0	
LO	79.0	
L4	56.0	4,174.402
R0.5	68.0	4,559.858
01	79.0	5,541.860
S4	55.0	5,824.452
O2	79.0	6,024.803
L5	56.0	8,403.353
R5	56.0	8,878.099
S5	56.0	11,390.746
O3	79.0	14,890.658
S6	57.0	17,855.134
O4	79.0	32,114.860
SQ	60.0	33,261.338

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 79
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	79
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

#### 352 - Structures & Improvements

## Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

63

L2

			BG/V	S Average		
		Surviving	Service	Remaining	ASL	RL
Year	Age	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<b>Weights</b>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
2222	0.5	2 670 500 07	62.00	62.40	E9 200	3,648,862
2003	0.5	3,678,599.97	63.00	62.49 61.49	58,390 45,171	2,777,644
2002	1.5	2,845,773.30	63.00			
2001	2.5	7,575,710.35	63.00	60.50	120,249	7,274,505
2000	3.5	2,567,460.43	63.00	59.50	40,753	2,424,939
1999	4.5	2,922,556.29	63.00	58.52	46,390	2,714,519
1998	5.5	842,511.53	63.00	57.53	13,373	769,422
1997	6.5	697,928.88	63.00	56.56	11,078	626,597
1996	7.5	1,043,473.15	63.00	55.60	16,563	920,831
1995	8.5	5,847,422.06	63.00	54.64	92,816	5,071,393
1994	9.5	949,380.57	63.00	53.69	15,070	809,105
1993	10.5	4,120,047.61	63.00	52.75	65,398	3,449,996
1992	11.5	772,255.69	63.00	51.83	12,258	635,293
1991	12.5	630,483.96	63.00	50.91	10,008	509,487
1990	13.5	412,154.52	63.00	50.00	6,542	327,129
1989	14.5	292,118.29	63.00	49.11	4,637	227,699
1988	15.5	4,860,833.27	63.00	48.22	77,156	3,720,650
1987	16.5	381,431.16	63.00	47.35	6,054	286,664
1986	17.5	1,124,475.93	63.00	46.48	17,849	829,679
1985	18.5	764,469.54	63.00	45.63	12,134	553,698
1984	19.5	1,894,439.55	63.00	44.79	30,070	1,346,751
1983	20.5	449,070.70	63.00	43.95	7,128	313,307
1982	21.5	2,148,987.54	63.00	43.13	34,111	1,471,237
1981	22.5	207,294.36	63.00	42.32	3,290	139,253
1980	23.5	3,021,264.57	63.00	41.53	47,957	1,991,399
1979	24.5	1,141,991.79	63.00	40.74	18,127	738,572
1978	25.5	628,430.72	63.00	39.98	9,975	398,838
1977	26.5	1,890,008.86	63.00	39.24	30,000	1,177,209
1976	27.5	1,453,700.37	63.00	38.52	23,075	888,826
1975	28.5	383,520.18	63.00	37.82	6,088	230,235
1974	29.5	506,801.96	63.00	37.14	8,044	298,802
1973	30.5	351,463.11	63.00	36.49	5,579	203,578
1972	31.5	738,226.20	63.00	35.86	11,718	420,215
1971	32.5	222,026.61	63.00	35.26	3,524	124,253
1970	33.5	896,384.65	63.00	34.67	14,228	493,361
1969	34.5	63,397.01	63.00	34.12	1,006	34,331
		,			,	, -

#### 352 - Structures & Improvements

## Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

63

L2

			BG/V	S Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	108,214.80	63.00	33.58	1,718	57,681
	36.5	70,110.16	63.00	33.07	1,113	36,798
1967			63.00	32.57		
1966	37.5	199,526			3,167	103,167
1965	38.5	155,709	63.00	32.10	2,472	79,344
1964	39.5	4,617	63.00	31.65	73	2,320
1963	40.5	81,017	63.00	31.22	1,286	40,146
1962	41.5	31,795	63.00	30.80	505	15,546
1961	42.5	76,965	63.00	30.41	1,222	37,146
1960	43.5	45,446	63.00	30.02	721	21,658
1959	44.5	44,325	63.00	29.66	704	20,867
1958	45.5	123,766	63.00	29.31	1,965	57,572
1957	46.5	126,519	63.00	28.97	2,008	58,172
1956	47.5	22,165	63.00	28.64	352	10,076
1955	48.5	20,229	63.00	28.32	321	9,095
1954	49.5	20,315	63.00	28.02	322	9,035
1953	50.5	7,489	63.00	27.72	119	3,296
1952	51.5	7,336	63.00	27.44	116	3,195
1951	52.5	3,305	63.00	27.16	52	1,425
1950	53.5	1,438	63.00	26.88	23	614
1949	54.5	3,234	63.00	26.62	51	1,366
1948	55.5	9,754	63.00	26.36	155	4,081
1947	56.5	0	63.00	26.10	0	0
1946	57.5	7,028	63.00	25.85	112	2,883
1945	58.5	164	63.00	25.60	3	66
1944	59.5	5,288	63.00	25.35	84	2,128
1943	60.5	99,466	63.00	25.11	1,579	39,644
1942	61.5	104,754	63.00	24.87	1,663	41,348
1941	62.5	99,466	63.00	24.63	1,579	38,881
		59,805,535			949,294	48,545,834
AVERAGE S						63.00
AVERAGE R	EMAININ	G LIFE				51.14

353 - Station Equipment

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
<b>J</b>	•		Ratio (%)	Ratio (%)	Survivors
BAND	-	1941 - 2003	, ,		
0	1,068,883,199	358,545	0.0335	99.9665	1.0000
0.5	1,015,607,629	910,359	0.0896	99.9104	0.9997
1.5	991,469,868	1,327,116	0.1339	99.8661	0.9988
2.5	928,511,090		0.2706	99.7294	0.9974
3.5	883,999,035	3,010,384	0.3405	99.6595	0.9947
4.5	835,372,627	4,788,860	0.5733	99.4267	0.9913
5.5	815,159,456	7,454,366	0.9145	99.0855	0.9857
6.5	790,017,230	5,407,450	0.6845	99.3155	0.9766
7.5	758,270,301	3,369,411	0.4444	99.5556	0.9700
8.5	708,429,293	2,935,575	0.4144	99.5856	0.9657
9.5	655,942,038	6,050,091	0.9224	99.0776	0.9617
10.5	593,520,897	3,653,928	0.6156	99.3844	0.9528
11.5	555,329,531	2,890,183		99.4796	0.9469
12.5	521,141,226	3,616,942		99.3060	0.9420
13.5		7,217,569	<del></del>	98.5248	0.9355
14.5	466,642,682	6,844,662	<del></del>	98.5332	0.9217
15.5	433,565,907	3,428,302		99.2093	0.9081
16.5	400,387,694	4,871,014		98.7834	0.9010
17.5	376,096,856	4,893,314		98.6989	0.8900
18.5	356,956,931	7,797,153		97.8157	0.8784
19.5	294,779,746	6,332,767		97.8517	0.8592
20.5	268,560,667	3,603,203		98.6583	0.8408
21.5	235,880,240	3,896,952		98.3479	0.8295
22.5	221,401,263	2,208,757		99.0024	0.8158
23.5	182,959,970	2,941,389		98.3923	0.8076
24.5	158,743,840	1,796,141	1.1315	98.8685	0.7947
25.5	146,125,456	1,451,248		99.0068	0.7857
26.5	121,873,897	3,054,010		97.4941	0.7779
27.5	106,081,309	2,087,046		98.0326	0.7584
28.5	99,293,185	2,459,185		97.5233	0.7435
29.5	91,075,867	2,655,841	2.9161	97.0839	0.7250
30.5		3,380,996 2,185,961	<del>}</del>	95.9289	0.7039
31.5			2.9593 4.0057	97.0407 95.9943	0.6752 0.6553
32.5 33.5		2,654,209 2,381,714			
		2,361,714	3.8599	96.1401	0.6290
34.5 35.5		2,142,034		95.4368	0.5805
36.5		2,203,733	4.8368	95.1632	0.5540
37.5			3.1064	96.8936	0.5272
38.5		2,021,873		92.7198	0.5108
39.5		575,643		97.4395	0.4736
40.5		797,011	3.9595	96.0405	0.4615
41.5			12.1139	87.8861	0.4432
42.5		603,263		94.9835	0.3895
42.5	12,023,001	005,205	3.0103	34.3033	0.3095

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
43.5	10,747,711	1,003,684	9.3386	90.6614	0.3700
44.5	9,295,226	487,222	5.2416	94.7584	0.3354
45.5	6,996,648	125,987	1.8007	98.1993	0.3179
46.5	4,765,309	297,713	6.2475	93.7525	0.3121
47.5	3,987,630	260,557	6.5341	93.4659	0.2926
48.5	2,712,510	116,895	4.3095	95.6905	0.2735
49.5	1,459,989	118,213	8.0968	91.9032	0.2617
50.5	1,252,068	69,975	5.5887	94.4113	0.2405
51.5	1,164,491	210,315	18.0607	81.9393	0.2271
52.5	875,339	364,816	41.6771	58.3229	0.1861
53.5	299,275	14,074	4.7028	95.2972	0.1085
54.5	215,458	0	0.0000	100.0000	0.1034
55.5	129,712	177	0.1364	99.8636	0.1034
56.5	125,583	0	0.0000	100.0000	0.1033
57.5	125,583	37,585	29.9287	70.0713	0.1033
58.5	61,708	43,021	69.7174	30.2826	0.0724
59.5	21,482	3,037	14.1386	85.8614	0.0219
60.5	89,506	0	0.0000	100.0000	0.0188
61.5	80,360	2,019	2.5124	97.4876	0.0188
62.5	1,987	0	0.0000	100.0000	0.0122
63.5	1,987	68	3.4245	96.5755	0.0122
64.5	1,919	0	0.0000	100.0000	0.0118
65.5	1,919	1,063	55.4059	44.5941	0.0118
66.5	856	544	63.5179	36.4821	0.0052
67.5	312	231	74.0782	25.9218	0.0019
68.5	81	81	100.0000	0.0000	0.0005
69.5	0	0	0.0000	100.0000	0.0000

Account:	353 - Station Equipment				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
DAND		40EC 2000	Ratio (%)	Ratio (%)	Survivors
BAND	4.440.004	1956 - 2000	0.0040	00.0004	4.0000
0	1,142,231	704	0.0616	99.9384	1.0000
0.5	1,143,735	3,232	0.2826	99.7174	0.9994
1.5	1,139,332	16,615		98.5417	0.9966
2.5	1,050,616	2,570	0.2446	99.7554	0.9820
3.5	888,004	883	0.0995	99.9005	0.9796
4.5	856,359	9,116	1.0645	98.9355	0.9787
5.5	850,072	8,055	0.9476	99.0524	0.9682
6.5	865,197	5,713	0.6604	99.3396	0.9591
7.5	862,356	8,655	1.0036	98.9964	0.9527
8.5	861,444	8,342	0.9683	99.0317	0.9432
9.5	853,328	7,346	0.8609	99.1391	0.9340
10.5	838,359	6,501	0.7755	99.2245	0.9260
11.5	831,858	6,947	0.8351	99.1649	0.9188
12.5	814,084	5,981	0.7346	99.2654	0.9111
13.5	735,032	15,529	2.1127	97.8873	0.9044
14.5	642,018	10,519	1.6384	98.3616	0.8853
15.5	176,104	4,637	2.6329	97.3671	0.8708
16.5	159,865	7,972	4.9866	95.0134	0.8479
17.5	148,394	-2,866	-1.9311	101.9311	0.8056
18.5	155,522	2,184	1.4042	98.5958	0.8212
19.5	148,474	2,564	1.7270	98.2730	0.8096
20.5	143,956	5,154	3.5800	96.4200	0.7957
21.5	135,377	1,747	1.2901	98.7099	0.7672
22.5	125,149	12,617	10.0817	89.9183	0.7573
23.5	109,871	12,610	11.4768	88.5232	0.6809
24.5	107,836	45,779	42.4528	57.5472	0.6028
25.5	63,317	1,704	2.6920	97.3080	0.3469
26.5	62,070	2,302	3.7081	96.2919	0.3375
27.5	60,206	871	1.4463	98.5537	0.3250
28.5	58,949	2,406	4.0819	95.9181	0.3203
29.5	56,816	2,118	3.7275	96.2725	0.3073
30.5	54,698	4,214	7.7045	92.2955	0.2958
31.5	50,584	1,791	3.5401	96.4599	0.2730
32.5	48,634	2,404	4.9424	95.0576	0.2633
33.5		2,900		93.7275	0.2503
34.5	43,331	1,212	2.7979	97.2021	0.2346
35.5	41,917	821	1.9587	98.0413	0.2281
36.5	41,096	472	1.1494	98.8506	0.2236
37.5	40,624	1,951	4.8021	95.1979	0.2210
38.5	38,673	1,356	3.5054	96.4946	0.2104
39.5	37,357	2,271	6.0786	93.9214	0.2030
40.5	35,086	6,363	18.1345	81.8655	0.1907
41.5	28,544	735	2.5753	97.4247	0.1561
42.5	27,809	517	1.8587	98.1413	0.1521
43.5	27,139	442	1.6270	98.3730	0.1493
44.5	26,697	3,529	13.2190	86.7810	0.1468

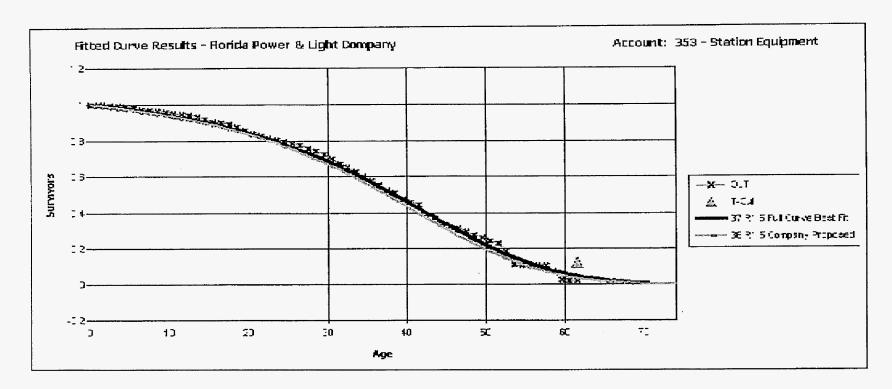
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
Ĭ	-		Ratio (%)	Ratio (%)	Survivors
45.5	23,168	773	3.3384	96.6616	0.1274
46.5	22,395	1,225	5.4703	94.5297	0.1232
47.5	21,170	16,537	78.1169	21.8831	0.1164
48.5	4,633	470	10.1410	89.8590	0.0255
49.5	4,163	306	7.3453	92.6547	0.0229
50.5	3,775	112	2.9788	97.0212	0.0212
51.5	3,663	168	4.5892	95.4108	0.0206
52.5	3,494	87	2.4983	97.5017	0.0196
53.5	3,407	29	0.8585	99.1415	0.0191
54.5	3,378	576	17.0544	82.9456	0.0190
55.5	2,762	175	6.3356	93.6644	0.0157
56.5	2,587	44	1.7181	98.2819	0.0147
57.5		0	0.0000	100.0000	0.0145
58.5	2,542	23	0.9047	99.0953	0.0145
59.5	2,519	503	19.9715	80.0285	0.0144
60.5	2,016	40	1.9975	98.0025	0.0115
61.5	1,976	-11	-0.5618	100.5618	0.0113
62.5	1,987	0	0.0000	100.0000	0.0113
63.5	1,987	68	3.4245	96.5755	0.0113
64.5		0	0.0000	100.0000	0.0109
65 <i>.</i> 5		1,063	55.4059	44.5941	0.0109
66.5		544	63.5179	36.4821	0.0049
67.5	312	231	74.0782	25.9218	0.0018
68.5		81	100.0000	0.0000	0.0005
69.5	0	0	0.0000	100.0000	0.0000

## Best Fit Curve Results Florida Power & Light Company Account: 353 - Station Equipment

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
R1.5	37.0	242.737
R2	38.0	278.748
S1	38.0	312.186
S1.5	38.0	558.948
S0.5	38.0	669.756
R1	37.0	984.812
L2	39.0	1,172.445
R2.5	38.0	1,172.616
S2	39.0	1,306.892
L1.5	39.0	1,548.998
S0	37.0	1,577.035
L3	39.0	1,952.880
L1	39.0	2,618.488
R3	39.0	2,820.002
R0.5	36.0	3,003.181
S-0.5	37.0	3,476.013
L0.5	39.0	4,015.981
S3	39.0	4,120.860
L4	39.0	5,652.708
LO	39.0	5,943.097
01	36.0	6,204.587
O2	40.0	7,302.306
R4	39.0	7,320.989
S4	40.0	9,573.906
L5	40.0	11,348.220
O3	52.0	
R5	39.0	14,184.620
S5	39.0	15,954.709
O4	57.0	17,543.260
S6	39.0	22,235.316
SQ	39.0	36,624.227

#### **Analytical Parameters**

1941 - 2003
1941 - 2003
4
57
1
61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	57
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

353.1 - Station Equipment - Step-Up Transformers

## **Observed Life Table Results**

Florida Power & Light Company
Account: 353.1 - Station Equipment - Step-Up Transformers

Account:		Equipment - Step-Up Transformers				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1958 - 2003				
0	27,710,298	0	0.0000	100.0000	1.0000	
0.5	31,845,201	0	0.0000	100.0000	1.0000	
1.5	35,331,546	151,061	0.4276	99.5724	1.0000	
2.5	21,881,712	0	0.0000	100.0000	0.9957	
3.5	13,049,607	0	0.0000	100.0000	0.9957	
4.5	17,219,867	62,701	0.3641	99.6359	0.9957	
5.5	19,262,683	0	0.0000	100.0000	0.9921	
6.5	17,746,398	272,674	1.5365	98.4635	0.9921	
7.5	16,244,192	0	0.0000	100.0000	0.9769	
8.5	29,049,586	0	0.0000	100.0000	0.9769	
9.5	36,018,175	0	0.0000	100.0000	0.9769	
10.5	29,573,436	0	0.0000	100.0000	0.9769	
11.5	11,759,955	0	0.0000	100.0000	0.9769	
12.5	6,086,550	0	0.0000	100.0000	0.9769	
13.5	4,576,623	31,213	0.6820	99.3180	0.9769	
14.5	5,107,247	0	0.0000	100.0000	0.9702	
15.5	2,075,648	0	0.0000	100.0000	0.9702	
16.5	530,624	0	0.0000		0.9702	
17.5	5,545,615	0	0.0000	100.0000	0.9702	
18.5	5,686,319	0	0.0000	100.0000	0.9702	
19.5	9,712,410	0	0.0000	100.0000	0.9702	
20.5	9,775,670	0	0.0000	100.0000	0.9702	
21.5	9,634,966	0	0.0000	100.0000	0.9702	
22.5	5,608,874	0	0.0000	100.0000	0.9702	
23.5	0	0	0.0000	100.0000	0.9702	
24.5	787,017	0	0.0000	100.0000	0.9702	
25.5	3,565,681	323,305	9.0671	90.9329	0.9702	
26.5	4,703,690	16,590	0.3527	99.6473	0.8822	
27.5	4,680,328	13,978	0.2987	99.7013	0.8791	
28.5	4,247,938	0 344,220	0.0000	100.0000	0.8765	
29.5	3,751,548	1,088,802	9.1754 35.8194	90.8246	0.8765	
30.5 31.5	3,039,701 952,612	1,088,802		64.1806 100.0000	0.7961	
31.5	4,279	0	0.0000	100.0000	0.5109	
32.5	4,279	0		100.0000	0.5109	
34.5	0	0	0.0000		0.5109	
35.5	0	0	0.0000	100.0000	0.5109 0.5109	
36.5	0	0	0.0000	100.0000		
37.5	0	0	0.0000		0.5109	
38.5	348,174	0	0.0000	100.0000	0.5109 0.5109	
39.5	755,088	0	0.0000	100.0000		
40.5	1,106,532	0	0.0000	100.0000	0.5109 0.5109	
41.5	758,358	0	0.0000	100.0000	0.5109	
42.5	1,063,307	0	0.0000	100.0000	0.5109	
42.3	1,000,007	νĮ	0.0000	100.0000	0.5109	

## Observed Life Table Results Florida Power & Light Company

Account: 353.1 - Station Equipment - Step-Up Transformers

Age	Exposures	Retirements		Survivor Ratio (%)	1
43.5	711,863	356,490	50.0784	49.9216	0.5109
44.5	355,374	0	0.0000	100.0000	0.2551

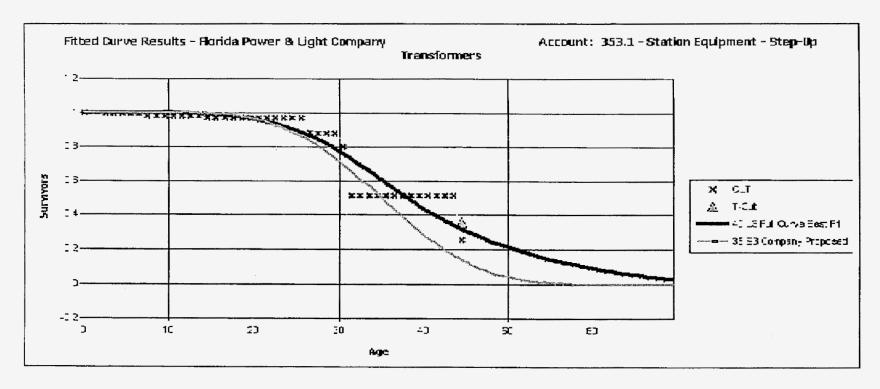
#### Best Fit Curve Results Florida Power & Light Company

Account: 353.1 - Station Equipment - Step-Up Transformers

Curve	Life	Sum of
		Squared
		Differences
BAND	1958 - 2003	
L3	40.0	2,337.437
S2	39.0	2,481.320
L2	43.0	2,620.170
S1.5	40.0	2,727.469
R2.5	38.0	3,023.979
S3	38.0	3,037.265
R3	38.0	3,068.049
S1	40.0	3,203.510
L1.5	44.0	3,387.810
R2	39.0	3,402.993
S0.5	42.0	3,966.464
R1.5	39.0	4,267.954
L4	38.0	4,324.229
L1	46.0	4,403.558
R4	38.0	4,641.167
S0	43.0	4,918.691
L0.5	49.0	5,425.776
R1	41.0	5,434.129
S4	38.0	5,718.453
S-0.5	46.0	6,414.404
L0	53.0	6,583.805
R0.5	44.0	6,882.499
L5	38.0	7,955.035
O2	57.0	8,083.104
O1	51.0	8,086.939
R5	39.0	
S5	39.0	
O3	57.0	
S6	40.0	17,650.747
O4	57.0	23,846.486
SQ	44.0	32,898.188

#### **Analytical Parameters**

OLT Placement Band: 1958 - 2003
OLT Experience Band: 1958 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 57
Life Increment Parameter: 1
Max Age (T-Cut): 44.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	57
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

354 - Towers & Fixtures

# Observed Life Table Results Florida Power & Light Company Account: 354 - Towers & Fixtures

Account:	354 - Towers & Fixtures				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	292,304,673	498	0.0002	99.9998	
0.5	292,822,498	3,135,088	1.0706	98.9294	
1.5	306,613,578	0	0.0000	100.0000	0.9893
2.5	299,541,763	<b>1</b> 18,683	0.0396	99.9604	0.9893
3.5	286,316,418	0	0.0000	100.0000	0.9889
4.5	278,276,639	0	0.0000	100.0000	0.9889
5.5		158,708	0.0570	99.9430	0.9889
6.5		-20,091	-0.0072	100.0072	
7.5	240,926,407	0	0.0000	100.0000	0.9884
8.5	236,894,643	55,979	0.0236	99.9764	0.9884
9.5	217,341,424	0	0.0000	100.0000	0.9882
10.5	217,450,300	0	0.0000	100.0000	0.9882
11.5	, 217,459,159	70,070	0.0322	99.9678	0.9882
12.5	217,389,090	0	0.0000	100.0000	0.9879
13.5	217,389,090	631,201	0.2904	99.7096	0.9879
14.5	216,913,026	0	0.0000	100.0000	0.9850
15.5	210,316,198	446,565	0.2123	99.7877	0.9850
16.5	204,137,864	0	0.0000	100.0000	0.9829
17.5	204,219,312	0	0.0000	100.0000	0.9829
18.5	181,889,204	0	0.0000	100.0000	0.9829
19.5	77,089,405	0	0.0000	100.0000	0.9829
20.5	76,327,496	-210	-0.0003	100.0003	0.9829
21.5	76,263,487	29,450	0.0386	99.9614	0.9829
22.5	76,234,037	0	0.0000	100.0000	0.9825
23.5	33,259,382	0	0.0000	100.0000	0.9825
24.5	29,322,735	0	0.0000	100.0000	0.9825
25.5	29,322,735	0	0.0000	100.0000	0.9825
26.5	29,322,735	0	0.0000	100.0000	0.9825
27.5	29,322,735	0	0.0000	100.0000	0.9825
28.5	29,322,735	0	0.0000	100.0000	0.9825
29.5		0	0.0000	100.0000	0.9825
30.5		0	0.0000	100.0000	0.9825
31.5		. 0	0.0000	100.0000	0.9825
32.5	2,178,768	0	0.0000	100.0000	0.9825
33.5	2,178,768	0	0.0000	100.0000	0.9825
34.5	2,158,930	11,316	0.5242	99.4758	0.9825
35.5	2,147,614	0	0.0000	100.0000	0.9774
36.5	2,147,614	0	0.0000	100.0000	0.9774
37.5	2,147,614	0	0.0000	100.0000	0.9774
38.5	2,147,614	250	0.0116	99.9884	0.9774
39.5	2,147,364	132	0.0061	99.9939	0.9773
40.5		210	0.0122	99.9878	0.9772
41.5	1,707,829	0	0.0000	100.0000	0.9771
42.5	1,707,829	0	0.0000	100.0000	0.9771

#### Observed Life Table Results Florida Power & Light Company Account: 354 - Towers & Fixtures

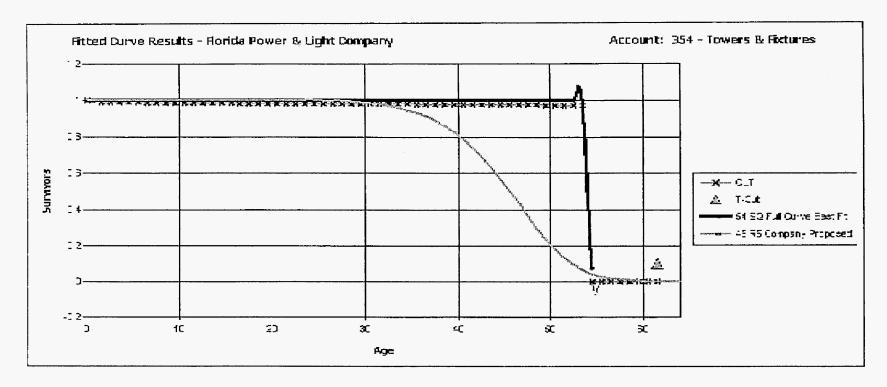
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
9-			Ratio (%)	Ratio (%)	Survivors
43.5	109,960	0	0.0000	100.0000	0.9771
44.5	109,960	0	0.0000	100.0000	0.9771
45.5	109,960	0	0.0000	100.0000	0.9771
46.5	109,960	0	0.0000	100.0000	0.9771
47.5	109,960	0	0.0000	100.0000	0.9771
48.5	109,960	377	0.3429	99.6571	0.9771
49.5	109,583	12	0.0110	99.9890	0.9737
50.5	109,571	254	0.2321	99.7679	0.9736
51.5	109,316	0	0.0000	100.0000	0.9714
52.5	109,316	0	0.0000	100.0000	0.9714
53.5	109,316	109,316	100.0000	0.0000	0.9714
54.5	0	0	0.0000	100.0000	0.0000
55.5	0	0	0.0000	100.0000	0.0000
56.5	0	0	0.0000	100.0000	0.0000
57.5	0	0	0.0000	100.0000	0.0000
58.5	0	0	0.0000	100.0000	0.0000
59.5	0	0	0.0000	100.0000	0.0000
60.5	0	0	0.0000	100.0000	0.0000
61.5	0	0	0.0000	100.0000	0.0000

Best Fit Curve Results Florida Power & Light Company Account: 354 - Towers & Fixtures

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
SQ	54.0	245.216
S6	54.0	
S5	54.0	13,702.896
R5	53.0	14,766.713
L5	54.0	
S4	54.0	
R4	52.0	
L4	55.0	21,867.032
S3	55.0	25,806.678
R3	53.0	27,557.295
L3	59.0	28,726.270
S2	56.0	31,086.685
R2.5	53.0	31,111.994
S1.5	57.0	33,818.784
L2	63.0	35,085.759
R2	54.0	35,147.975
S1	59.0	36,771.248
L1.5	66.0	38,251.649
R1.5	56.0	
S0.5	61.0	39,593.052
L1	70.0	41,568.046
S0	64.0	42,516.602
R1	59.0	43,001.934
L0.5	75.0	44,000.026
S-0.5	70.0	46,019.505
L0	82.0	46,510.211
R0.5	66.0	
01	80.0	49,397.212
O2	86.0	49,469.559
O3	86.0	57,760.202
O4	86.0	75,504.887

#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	86
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	86
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

355 - Poles & Fixtures

Observed Life Table Results
Florida Power & Light Company
Account: 355 - Poles & Fixtures

Account: 355 - Poles & Fixtures					
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	509,019,322	1,154,760		99.7731	1.0000
0.5	474,965,393	465,647		99.9020	0.9977
1.5	438,364,220		0.1731	99.8269	0.9968
2.5	417,510,924	450,864	<del></del>	99.8920	0.9950
3.5	393,145,887	1,733,333		99.5591	0.9940
4.5	378,908,572	1,077,652		99.7156	0.9896
5.5	365,798,389	1,156,277	0.3161	99.6839	0.9868
6.5	356,974,145			99.6038	0.9836
7.5	350,662,739	1,468,328		99.5813	0.9797
8.5	343,267,837	1,824,405	0.5315	99.4685	0.9756
9.5	326,129,640	1,253,708	0.3844	99.6156	0.9705
10.5	297,112,857	1,219,075	0.4103	99.5897	0.9667
11.5	283,710,910	1,574,902	0.5551	99.4449	0.9628
12.5	272,639,787	2,581,993	0.9470	99.0530	0.9574
13.5	257,478,304	1,844,628	0.7164	99.2836	0.9483
14.5	244,761,280	3,463,248	1.4149	98.5851	0.9416
15.5	224,877,385	1,758,505	0.7820	99.2180	0.9282
16.5	215,993,316	3,466,298	1.6048	98.3952	0.9210
17.5		1,551,286	0.7631	99.2369	0.9062
18.5	192,898,161	2,460,216	1.2754	98.7246	0.8993
19.5	174,966,085	1,569,408	0.8970	99.1030	0.8878
20.5	164,970,703	1,297,899		99.2133	0.8798
21.5		1,588,425	1.0213	98.9787	0.8729
22.5	146,141,693	1,144,246	0.7830	99.2170	0.8640
23.5	132,331,228	1,660,519	1.2548	98.7452	0.8572
24.5	122,067,220	1,323,020	1.0838	98.9162	0.8465
25.5	114,405,759	1,683,457	1.4715	98.5285	0.8373
26.5		1,508,494	1.4570	98.5430	0.8250
27.5	90,325,757	1,566,579	1.7344	98.2656	0.8130
28.5	80,692,844	1,887,724	2.3394	97.6606	0.7989
29.5		1,060,474		98.5244	0.7802
30.5		813,928	1.3159	98.6841	0.7687
31.5	53,110,482	853,182	1.6064	98.3936	0.7586
32.5	45,566,982	840,539	1.8446	98.1554	0.7464
33.5	42,868,042	947,032	2.2092	97.7908	0.7326
34.5		1,439,019	3.5156	96.4844	0.7164
35.5		859,559	2.2863	97.7137	0.6912
36.5		693,295	2.1675	97.8325	0.6754
37.5		637,887	2.6656	97.3344	0.6608
38.5	19,817,896	291,235	1.4696	98.5304	0.6432
39.5	19,265,869	289,905	1.5048	98.4952	0.6337
40.5	16,867,352	262,792	1.5580	98.4420	0.6242
41.5		397,960	3.1314	96.8686	0.6145
42.5		482,484	4.1762	95.8238	0.5952
43.5		233,354	2.2874	97.7126	0.5704
44.5		544,023	5.8181	94.1819	0.5573
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#### Observed Life Table Results Florida Power & Light Company Account: 355 - Poles & Fixtures

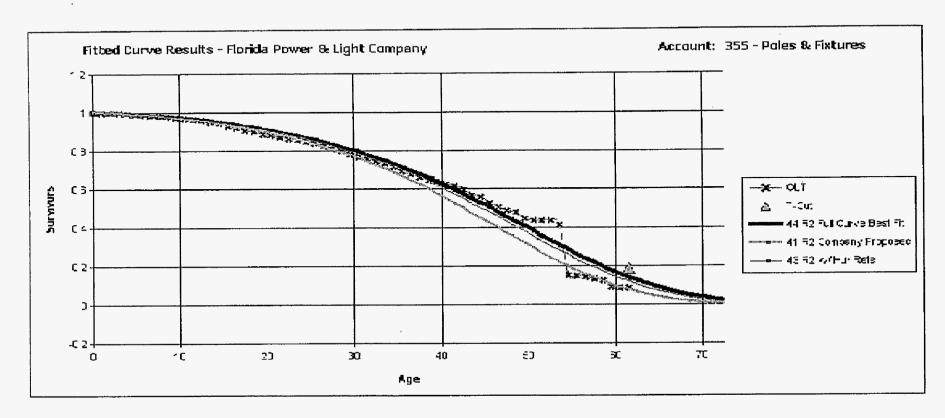
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	7,821,922	278,022	3.5544	96.4456	0.5249
46.5	4,572,494	179,627	3.9284	96.0716	0.5062
47.5	3,950,911	80,623	2.0406	97.9594	0.4863
48.5	3,494,532	224,532	6.4252	93.5748	0.4764
49.5	2,152,136	39,850	1.8517	98.1483	0.4458
50.5	1,470,458	10,959	0.7453	99.2547	0.4376
51.5	1,372,266	-1,002	-0.0730	100.0730	0.4343
52.5	865,360	44,604	5.1544	94.8456	0.4346
53.5	703,722	446,563	63.4573	36.5427	0.4122
54.5	217,291	5,149	2.3696	97.6304	0.1506
55.5	115,767	5,521	4.7695	95.2305	0.1471
56.5	99,100	4,804	4.8477	95.1523	0.1400
57.5	80,608	7,445	9.2361	90.7639	0.1333
58.5	73,163	19,354	26.4527	73.5473	0.1210
59.5	36,933	1,321	3.5769	96.4231	0.0890
60.5	35,612	45	0.1276	99.8724	0.0858
61.5	3,454	0	0.0000	100.0000	0.0857

Best Fit Curve Results Florida Power & Light Company Account: 355 - Poles & Fixtures

Curve	Life	Sum of
:		Squared
		Differences
BAND	1941 - 2003	
R2	44.0	1,168.532
R2.5	44.0	1,522.353
R1.5	43.0	1,553.618
S1.5	45.0	1,831.684
S1	44.0	1,857.243
S2	45.0	2,307.527
S0.5	44.0	2,350.218
R3	45.0	2,651.009
R1	43.0	2,741.728
L2	46.0	
L1.5	47.0	3,065.476
S0	44.0	3,420.209
L3	46.0	L
L1	47.0	4,052.559
S3	45.0	4,535.541
R0.5	43.0	
L0.5	48.0	5,246.377
S-0.5	44.0	5,332.401
R4	46.0	6,433.812
L4	46.0	6,615.279
L0	49.0	6,885.284
01	44.0	8,104.615
O2	50.0	8,323.565
S4	46.0	9,361.267
L5	47.0	11,833.878
O3	61.0	
R5	47.0	13,463.843
S5	47.0	15,789.421
O4	61.0	22,473.772
S6	48.0	22,938.271
SQ	47.0	40,589.047

#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	3
Maximum Life Parameter:	61
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### Analytical Parameters 1/

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 3
Maximum Life Parameter: 61
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

1/ company proposed uses data from account 192 and 292 - analysis has 192 data only

356 - Overhead Conductors & Devices

## Observed Life Table Results Florida Power & Light Company

Account: 356 - Overhead Conductors & Devices

1.0000 0.9973 0.9938 0.9923 0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172
1.0000 0.9973 0.9938 0.9923 0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9443 0.9260 0.9172
0.9973 0.9938 0.9923 0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172
0.9973 0.9938 0.9923 0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172
0.9938 0.9923 0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9923 0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172
0.9913 0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9880 0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9799 0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9736 0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9632 0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9540 0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9478 0.9443 0.9347 0.9260 0.9172 0.9115
0.9443 0.9347 0.9260 0.9172 0.9115
0.9347 0.9260 0.9172 0.9115
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0.9030
0.8984
0.8895
0.8843
0.8800
0.8738
0.8654
0.8573
0.8473
0.8388
0.8290
0.8216
0.8026
0.7852
0.7711
0.7617
0.7487
0.7394
0.7286
0.7171
0.6978
0.6798
0.6631
0.6499
0.6395
0.6281
0.6191
0.5824
0.5611
0.5510

## Observed Life Table Results Florida Power & Light Company

Account: 356 - Overhead Conductors & Devices

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	5,349,519	307,666	5.7513	94.2487	0.5196
46.5	3,093,950	154,706	5.0003	94.9997	0.4898
47.5	2,624,442	73,990	2.8193	97.1807	0.4653
48.5	2,276,215	173,484	7.6216	92.3784	0.4521
49.5	1,445,830	39,822	2.7543	97.2457	0.4177
50.5	773,482	10,326	1.3350	98.6650	0.4062
51.5	493,505	-4,498	-0.9115	100.9115	0.4008
52.5	281,369	346	0.1228	99.8772	0.4044
53.5	245,768	53,202	21.6472	78.3528	0.4039
54.5	180,737	2,297	1.2708	98.7292	0.3165
55.5	132,608	14,423	10.8764	89.1236	0.3125
56.5	108,616	976	0.8983	99.1017	0.2785
57.5	105,626	1,756	1.6627	98.3373	0.2760
58.5	101,491	13,101	12.9083	87.0917	0.2714
59.5	81,834	0	0.0000	100.0000	0.2364
60.5	76,834	0	0.0000	100.0000	0.2364
61.5	25,295	0	0.0000	100.0000	0.2364

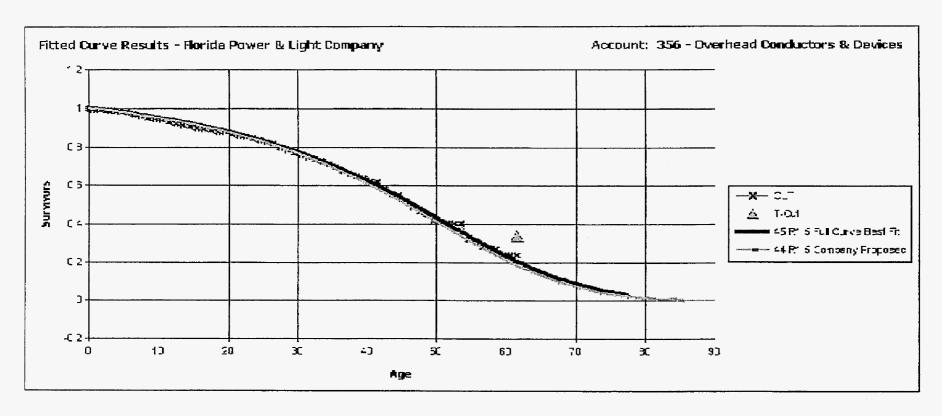
#### Best Fit Curve Results Florida Power & Light Company

Account: 356 - Overhead Conductors & Devices

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
R1.5	45.0	88.479
S0.5	46.0	265.347
R1	45.0	358.314
S1	46.0	509.720
L1.5	48.0	556.134
S0	46.0	571.728
R2	45.0	589.119
L1	49.0	828.227
L2	48.0	961.802
S1.5	46.0	1,168.863
L0.5	50.0	1,359.480
R0.5	46.0	1,487.478
S-0.5	46.0	1,558.833
R2.5	46.0	1,870.677
L0	52.0	2,333.930
S2	46.0	2,376.579
L3	47.0	3,227.642
01	47.0	3,329.078
O2	53.0	3,395.330
R3	46.0	3,848.175
O3	72.0	5,295.450
S3	47.0	5,889.342
O4	97.0	6,099.381
L4	47.0	8,003.043
R4	47.0	9,168.860
S4	47.0	12,186.371
L5	47.0	14,594.115
R5	47.0	17,652.359
S5	47.0	19,900.490
S6	47.0	27,589.995
SQ	46.0	44,615.874

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 100
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 100
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

1/ company proposed uses data from account 192 and 292 - analysis has 192 data only

357 - Underground Conduit

## Observed Life Table Results Florida Power & Light Company

Account: 357 - Underground Conduit

Account:									
Age	Exposures	Retirements		Survivor	Cumulative				
		4044 0000	Ratio (%)	Ratio (%)	Survivors				
BAND	40.000.007	1941 - 2003							
0	48,260,697	1,545		L	1.0000				
0.5	44,195,929	0	0.0000						
1.5	42,725,961	0			1.0000				
2.5	37,462,312	-1,221		100.0033	1.0000				
3.5	37,447,572	0		100.0000	1.0000				
4.5	33,400,360	0		100.0000	1.0000				
5.5	33,368,035	-3,642		100.0109	1.0000				
6.5	30,674,598	1,016		99.9967	1.0000				
7.5	29,759,783	0		100.0000	1.0000				
8.5	29,562,241	1,156		99.9961	1.0000				
9.5	26,103,413	0		100.0000	0.9999				
10.5	25,766,792	3,358		99.9870	0.9999				
11.5	25,720,123	112		99.9996	0.9998				
12.5	25,372,070	110		99.9996	0.9998				
13.5	25,256,374	3,700		99.9854	0.9998				
14.5	25,252,721	181,560		99.2810	0.9996				
15.5	24,786,542	88,833		99.6416	0.9925				
16.5	24,651,763	8,184	0.0332	99.9668	0.9889				
17.5	24,527,719	12,740	0.0519	99.9481	0.9886				
18.5	24,243,872	-52,840	-0.2180	100.2180	0.9881				
19.5	23,469,653	52,668	0.2244	99.7756	0.9902				
20.5	22,787,035	0	0.0000	100.0000	0.9880				
21.5	22,824,371	1,064	0.0047	99.9953	0.9880				
22.5	19,959,040	136,805	0.6854	99.3146	0.9879				
23.5	19,314,211	27,013	0.1399	99.8601	0.9812				
24.5	19,287,142	0	0.0000	100.0000	0.9798				
25.5	19,335,927	58,530	0.3027	99.6973	0.9798				
26.5	18,237,076	0	0.0000	100.0000	0.9768				
27.5	18,083,250	28,157	0.1557	99.8443	0.9768				
28.5	18,067,706	0	0.0000	100.0000	0.9753				
29.5	12,301,678	14,239	0.1158	99.8842	0.9753				
30.5	9,368,581	0	0.0000	100.0000	0.9742				
31.5	9,339,804	0	0.0000	100.0000	0.9742				
32.5	8,430,687	4,427	0.0525	99.9475	0.9742				
33.5	6,416,849			100.0000					
34.5	6,416,849	21,500	0.3351	99.6649	0.9737				
35.5	5,553,353	15,957	0.2873	99.7127	0.9704				
36.5	4,983,640	12,278	0.2464	99.7536	0.9676				
37.5	2,767,371	0	0.0000	100.0000	0.9652				
38.5	2,767,371	0	0.0000	100.0000	0.9652				
					0.9652				
					0.9650				
					0.9650				
					0.9650				
39.5 40.5 41.5 42.5	2,263,748 2,263,204 1,957,231 2,225,008	523 0 0 267,777	0.0231 0.0000 0.0000 12.0349	99.9769 100.0000 100.0000 87.9651	0.9 0.9				

# Observed Life Table Results Florida Power & Light Company

Account: 357 - Underground Conduit

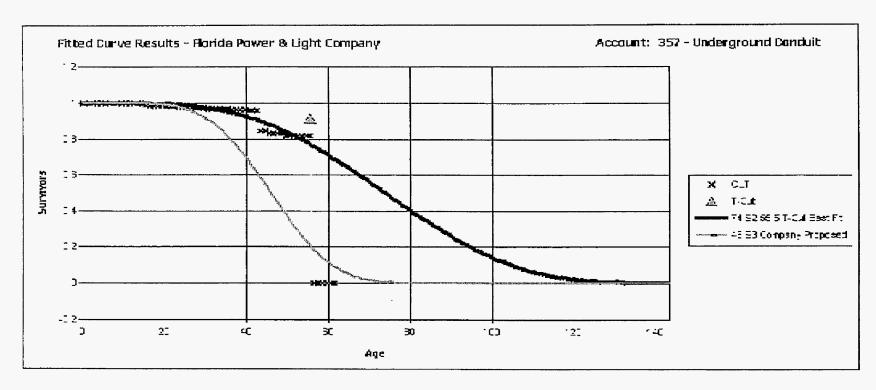
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
43.5	1,957,231	241	0.0123	99.9877	0.8489
44.5	1,068,531	18,914	1.7701	98.2299	0.8488
45.5	472,487	0	0.0000	100.0000	0.8337
46.5	472,487	0	0.0000	100.0000	0.8337
47.5	472,487	0	0.0000	100.0000	0.8337
48.5	472,487	7,289	1.5427	98.4573	0.8337
49.5	338,318	0	0.0000	100.0000	0.8209
50.5	338,318	72	0.0214	99.9786	0.8209
51.5	338,245	0	0.0000	100.0000	0.8207
52.5	338,245	0	0.0000	100.0000	0.8207
53.5	336,495	0	0.0000	100.0000	0.8207
54.5	39,159	0	0.0000	100.0000	0.8207
55.5	36,971	36,971	100.0000	0.0000	0.8207
56.5	0	0	0.0000	100.0000	0.0000
57.5	0	0	0.0000	100.0000	0.0000
58.5	0	0	0.0000	100.0000	0.0000
59.5	0	0	0.0000	100.0000	0.0000
60.5	0	0	0.0000	100.0000	0.0000
61.5	0	0	0.0000	100.0000	0.0000

Best Fit Curve Results
Florida Power & Light Company
Account: 357 - Underground Conduit

Curve	Life	Sum of
		Squared
	1	Differences
BAND	1941 - 2003	
S2	74.0	264.087
S1.5	80.0	300.734
L3	73.0	306.241
R3	70.0	308.262
R4	63.0	331.405
S3	67.0	361.253
R2.5	78.0	435.613
L4	65.0	471.657
L2	80.0	532.618
S1	80.0	627.914
R2	80.0	711.750
S4	62.0	792.867
R5	59.0	944.613
L5	61.0	973.444
S5	59.0	1,523.021
S0.5	80.0	1,605.251
L1.5	80.0	1,698.897
R1.5	80.0	1,728.157
S6	58.0	2,365.030
S0	80.0	3,211.159
R1	80.0	3,446.355
L1	80.0	3,790.827
SQ	56.0	3,982.156
S-0.5	80.0	6,259.869
R0.5	80.0	6,445.480
L0.5	80.0	6,527.651
L0	80.0	10,123.033
O1	80.0	10,459.084
O2	80.0	14,455.557
O3	80.0	32,552.228
O4	80.0	56,984.828

#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	6
Maximum Life Parameter:	80
Life Increment Parameter:	1
Max Age (T-Cut):	55.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 6
Maximum Life Parameter: 80
Life Increment Parameter: 1
Max Age (T-Cut): 55.5

#### 357 - Underground Conduit

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

74

S2

BG/VG Average						
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
0000	0.5	4.004.407	74.00	72.50	E A D A A	2 004 004
2003	0.5	4,021,427	74.00	73.50	54,344	3,994,081
2002	1.5	203,631	74.00	72.50	2,752	199,494
2001	2.5	4,793,472	74.00	71.50	64,777	4,631,325
2000	3.5	32,232	74.00	70.50	436	30,706
1999	4.5	4,047,496	74.00	69.50	54,696	3,801,211
1998	5.5	32,326	74.00	68.50	437	29,922
1997	6.5	1,744,449	74.00	67.50	23,574	1,591,196
1996	7.5	825,568	74.00	66.50	11,156	741,905
1995	8.5	2,010	74.00	65.50	27	1,779
1994	9.5	3,126,961	74.00	64.51	42,256	2,725,881
1993	10.5	337,025	74.00	63.51	4,554	289,271
1992	11.5	38,651	74.00	62.52	522	32,657
1991	12.5	270,149	74.00	61.53	3,651	224,642
1990	13.5	104,253	74.00	60.55	1,409	85,303
1989	14.5		74.00	59.57	0	0
1988	15.5	256,328	74.00	58.59	3,464	202,951
1987	16.5	20,327	74.00	57.62	275	15,827
1986	17.5	122,754	74.00	56.65	1,659	93,975
1985	18.5	225,777	74.00	55.69	3,051	169,913
1984	19.5	797,052	74.00	54.74	10,771	589,562
1983	20.5	646,115	74.00	53.79	8,731	469,646
1982	21.5	1,664	74.00	52.85	22	1,189
1981	22.5	2,819,297	74.00	51.92	38,099	1,977,994
1980	23.5	508,025	74.00	50.99	6,865	350,088
1979	24.5		74.00	50.08	0	0
1978	25.5		74.00	49.18	0	0
1977	26.5	1,074,150	74.00	48.28	14,516	700,837
1976	27.5	153,826	74.00	47.40	2,079	98,527
1975	28.5	0	74.00	46.52	0	0
1974	29.5	5,766,028	74.00	45.66	77,919	3,557,897
1973	30.5	2,918,857	74.00	44.81	39,444	1,767,491
1972	31.5	4,245	74.00	43.97	57	2,522
1971	32.5	909,117	74.00	43.14	12,285	530,010
1970	33.5	2,009,411	74.00	42.33	27,154	1,149,321
1969	34.5	0	74.00	41.52	0	0
		Ū	,30		Ū	•

#### 357 - Underground Conduit

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

74

S2

			BG/V	S Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<b>Weights</b>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	841,996	74.00	40.73	11,378	463,422
1967	36.5	553,756	74.00	39.95	7,483	298,948
1966	37.5	1,936,292	74.00	39.18	26,166	1,025,234
1965	38.5	0	74.00	38.43	0	0
1964	39.5	503,623	74.00	37.68	6,806	256,464
1963	40.5	0	74.00	36.95	0	0
1962	41.5	305,972	74.00	36.23	4,135	149,820
1961	42.5	0	74.00	35.53	0	0
1960	43.5	0	74.00	34.84	0	0
1959	44.5	888,460	74.00	34.15	12,006	410,055
1958	45.5	577,130	74.00	33.48	7,799	261,149
1957	46.5	0	74.00	32.83	0	0
1956	47.5	0	74.00	32.18	0	0
1955	48.5	0	74.00	31.55	0	0
1954	49.5	126,881	74.00	30.92	1,715	53,023
1953	50.5	0	74.00	30.31	0	0
1952	51.5	0	74.00	29.71	0	0
1951	52.5	0	74.00	29.12	0	0
1950	53.5	1,750	74.00	28.55	24	675
1949	54.5	297,337	74.00	27.98	4,018	112,421
1948	55.5	2,188	74.00	27.42	30	811
1947	56.5	0	74.00	26.87	0	0
1946	57.5	0	74.00	26.34	0	0
1945	58.5	0	74.00	25.81	0	0
1944	59.5	0	74.00	25.29	0	0
1943	60.5	0	74.00	24.79	0	0
1942	61.5	0	74.00	24.29	0	0
1941	62.5	0	74.00	23.80	0	0
		43,848,005			592,541	33,089,146
AVERAGE SI AVERAGE RI						74.00 55.84

358 - Underground Conductors & Devices

### **Observed Life Table Results**

Florida Power & Light Company
Account: 358 - Underground Conductors & Devices

Account:							
Age	Exposures	Retiremen		Survivor	Cumulative		
			Ratio (%)	Ratio (%)	Survivors		
BAND		1941 - 200					
0	43,766,349	60,953		99.8607			
0.5				100.0096			
1.5		94,671	0.2238	99.7762	0.9987		
2.5	40,879,232	-20,324	·	100.0497	0.9965		
3.5	40,575,409			99.8580	0.9970		
4.5				100.0149			
5.5				100.0001	0.9957		
6.5			0.0917	99.9083	0.9957		
7.5				99.8842	0.9948		
8.5				99.2255			
9.5				99.9821	0.9859		
10.5				99.9623	0.9858		
11.5				99.8656			
12.5			0.0323	99.9677	0.9841		
13.5		23,868		99.9212	0.9837		
14.5		345,391	1.1405	98.8595	0.9830		
15.5			0.2954	99.7046	0.9718		
16.5				99.6916	0.9689		
17.5			0.1389	99.8611	0.9659		
18.5			-0.0612	100.0612	0.9646		
19.5			0.0000	100.0000	0.9652		
20.5				100.0000	0.9652		
21.5			0.0010	99.9990	0.9652		
22.5		277,035		98.7668	0.9651		
23.5		22,159	0.1027	99.8973	0.9532		
24.5			0.0039	99.9961	0.9523		
25.5		69,903	0.3242	99.6758	0.9522		
26.5			0.1208	99.8792	0.9491		
27.5	<del></del>	78,558	0.4360	99.5640	0.9480		
28.5		92,036	0.5139	99.4861	0.9439		
29.5		20,959	0.1527	99.8473	0.9390		
30.5		16,736	0.1458	99.8542	0.9376		
31.5		1,032	0.0093	99.9907	0.9362		
32.5		99,419	0.9612	99.0388	0.9361		
33.5				100.0000	0.9271		
34.5		247,128	3.2191	96.7809	0.9271		
35.5	<del></del>	35,256	0.5589	99.4411	0.8973		
36.5		-20,308	-0.3477	100.3477	0.8923		
37.5		0	0.0000	100.0000	0.8954		
38.5		214	0.0066	99.9934	0.8954		
39.5		1,313	0.0578	99.9422	0.8953		
40.5		183	0.0081	99.9919	0.8948		
41.5		369	0.0193	99.9807	0.8947		
42.5		322,081	14.3822	85.6178	0.8945		
43.5		858	0.0449	99.9551	0.7659		
44.5	956,452	1,766	0.1846	99.8154	0.7655		

# Observed Life Table Results Florida Power & Light Company

Account: 358 - Underground Conductors & Devices

Age	Exposures	Retiremen	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	259,813	0	0.0000	100.0000	0.7641
46.5	259,813	0	0.0000	100.0000	0.7641
47.5	192,254	0	0.0000	100.0000	0.7641
48.5	192,254	0	0.0000	100.0000	0.7641
49.5	122,833	616	0.5013	99.4987	0.7641
50.5	96,568	62	0.0637	99.9363	0.7603
51.5	96,507	0	0.0000	100.0000	0.7598
52.5	80,269	0	0.0000	100.0000	0.7598
53.5	78,511	0	0.0000	100.0000	0.7598
54.5	67,427	0	0.0000	100.0000	0.7598
55.5	67,427	11,510	17.0699	82.9301	0.7598
56.5	55,917	53	0.0950	99.9050	0.6301
57.5	51,597	0	0.0000	100.0000	0.6295
58.5	51,597	0	0.0000	100.0000	0.6295
59.5	51,597	0	0.0000		0.6295
60.5		0	0.0000	100.0000	0.6295
61.5	50,056	0	0.0000	100.0000	0.6295

OLT Results - Corrected Retirements Staff's 4th Set of Interrogatories, Question 181 Florida Power & Light Company
Account: 358 - Underground Conductors & Devices

Account: 358 - Underground Conductors & Devices							
Age	Exposures	Retiremen	S .	Survivor	Cumulative		
			Ratio (%)	Ratio (%)	Survivors		
BAND		1941 - 200	3				
0	43,766,349	15,400	0.0000	100.0000	1.0000		
0.5	42,333,096	1,141	0.0027	99.9973	1.0000		
1.5	42,303,327	94,671	0.2238	99.7762	1.0000		
2.5	40,879,232	13,304	0.0325	99.9675	0.9977		
3.5	40,575,409	57,615	0.1420	99.8580	0.9974		
4.5	36,662,853	1,212	0.0033	99.9967	0.9960		
5.5	36,626,068	0	0.0000	100.0000	0.9960		
6.5	35,452,191	32,517	0.0917	99.9083	0.9960		
7.5	33,819,563	39,164	0.1158	99.8842	0.9950		
8.5	33,796,886	261,764	0.7745	99.2255	0.9939		
9.5	33,049,050	5,932	0.0179	99.9821	0.9862		
10.5	30,361,824	11,446	0.0377	99.9623	0.9860		
11.5	30,262,519	40,669	0.1344	99.8656	0.9856		
12.5	30,274,570	9,790	0.0323	99.9677	0.9843		
13.5	30,306,077	23,868	0.0788	99.9212	0.9840		
14.5	30,285,376	345,391	1.1405	98.8595	0.9832		
15.5	29,898,542	88,315	0.2954	99.7046	0.9720		
16.5	29,835,845	92,006	0.3084	99.6916	0.9691		
17.5	27,258,477	37,853	0.1389	99.8611	0.9662		
18.5	26,818,358	306,891	1.1443	98.8557	0.9648		
19.5	25,558,506	0	0.0000	100.0000	0.9538		
20.5	23,138,754	0	0.0000	100.0000	0.9538		
21.5	23,131,777	234	0.0010	99.9990	0.9538		
22.5	22,463,951	277,035	1.2332	98.7668	0.9538		
23.5	21,584,339	22,159	0.1027	99.8973	0.9420		
24.5	21,563,024	844	0.0039	99.9961	0.9410		
25.5	21,562,180	69,903	0.3242	99.6758	0.9410		
26.5	18,355,775	22,165	0.1208	99.8792	0.9379		
27.5	18,016,463	78,558	0.4360	99.5640	0.9368		
28.5	17,909,623	92,036	0.5139	99.4861	0.9327		
29.5	13,725,643	20,959	0.1527	99.8473	0.9279		
30.5	11,475,511	16,736	0.1458	99.8542	0.9265		
31.5	11,082,930	1,032	0.0093	99.9907	0.9252		
32.5	10,343,240	99,419	0.9612	99.0388	0.9251		
33.5	7,678,763	0	0.0000	100.0000	0.9162		
34.5	7,676,998	226,821	2.9546	97.0454	0.9162		
35.5	6,308,077	35,256	0.5589	99.4411	0.8891		
36.5	5,840,730	0	0.0000	100.0000	0.8842		
37.5	3,241,361	0	0.0000	100.0000	0.8842		
38.5	3,224,978	214	0.0066	99.9934	0.8842		
39.5	2,270,153	1,313	0.0578	99.9422	0.8841		
40.5	2,268,840	183	0.0081	99.9919	0.8836		
41.5	1,917,737	369	0.0193	99.9807	0.8835		
42.5	2,239,448	322,081	14.3822	85.6178	0.8833		
43.5	1,911,850	858	0.0449	99.9551	0.7563		
44.5	956,452	1,766	0.1846	99.8154	0.7560		

OLT Results - Corrected Retirements Staff's 4th Set of Interrogatories, Question 181 Florida Power & Light Company

Account: 358 - Underground Conductors & Devices

Age	Exposures	Retiremen	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	259,813	0	0.0000	100.0000	0.7546
46.5	259,813	0	0.0000	100.0000	0.7546
47.5	192,254	0	0.0000	100.0000	0.7546
48.5	192,254	0	0.0000	100.0000	0.7546
49.5	122,833	616	0.5013	99.4987	0.7546
50.5	96,568	62	0.0637	99.9363	0.7508
51.5	96,507	0	0.0000	100.0000	0.7503
52.5	80,269	0	0.0000	100.0000	0.7503
53.5	78,511	0	0.0000	100.0000	0.7503
54.5	67,427	0	0.0000	100.0000	0.7503
55.5	67,427	11,510	17.0699	82.9301	0.7503
56.5	55,917	53	0.0950	99.9050	0.6222
57.5	51,597	0	0.0000	100.0000	0.6216
58.5	51,597	0	0.0000	100.0000	0.6216
59.5	51,597	0	0.0000	100.0000	0.6216
60.5		0	0.0000		0.6216
61.5	50,056	0	0.0000	100.0000	0.6216

#### Best Fit Curve Results Florida Power & Light Company

Account: 358 - Underground Conductors & Devices

Curve	Life	Sum of		
		Squared		
		Differences		
BAND	1941 - 2003			
R3	60.0	826.384		
R2.5	60.0	1,127.929		
R4	60.0	1,454.209		
S3	60.0	1,923.491		
R2	60.0	2,012.041		
S2	60.0	2,113.907		
S1.5	60.0	2,735.566		
L4	60.0	2,885.244		
S4	. 60.0	3,260.576		
R1.5	60.0	3,621.990		
S1	60.0	3,861.351		
L3	60.0	3,967.092		
R5	60.0	4,075.826		
L5	60.0	4,335.949		
S0.5	60.0	5,390.665		
S5	60.0	5,618.289		
R1	60.0	5,948.982		
L2	60.0	6,670.681		
S0	60.0	7,492.096		
S6	60.0	8,308.304		
L1.5	60.0	8,424.348		
R0.5	60.0	9,844.667		
S-0.5	60.0	10,676.663		
L1	60.0	10,978.736		
L0.5	60.0	14,111.503		
O1	60.0	14,817.330		
LO	60.0	17,965.260		
SQ	60.0	20,334.618		
O2	60.0	22,223.668		
O3	60.0	47,329.449		
O4	60.0	76,408.985		

#### **Analytical Parameters**

1941 - 2003
1941 - 2003
4
60
1
61.5

#### 100 yr upper limit

Curve	Life	Sum of
Cuive	Life	Squared
		Differences
DAND	40.44 0000	Dillerences
BAND	1941 - 2003	272 724
R2.5	65.0	378.731
S1.5	68.0	397.313
S1	72.0	398.719
L2	74.0	401.617
L1.5	79.0	405.707
R2	68.0	487.938
R3	62.0	527.390
S0.5	76.0	563.419
L1	87.0	578.673
S2	66.0	578.703
S0	83.0	841.357
R1.5	73.0	870.458
L0.5	96.0	935.902
L3	67.0	986.903
R1	81.0	1,339.749
S3	63.0	1,367.067
R4	60.0	
S-0.5	95.0	1,457.161
LO	100.0	1,539.650
R0.5	96.0	1,810.592
L4	63.0	2,140.269
01	100.0	2,440.656
S4	61.0	3,168.179
02	100.0	3,406.757
R5	60.0	4,075.826
L5	61.0	4,150.559
S5	60.0	5,618.289
S6	60.0	8,308.304
O3	100.0	11,849.283
sq	62.0	16,974.593
04	100.0	27,913.804
<u> </u>	100.0	41,010.004

#### **Analytical Parameters**

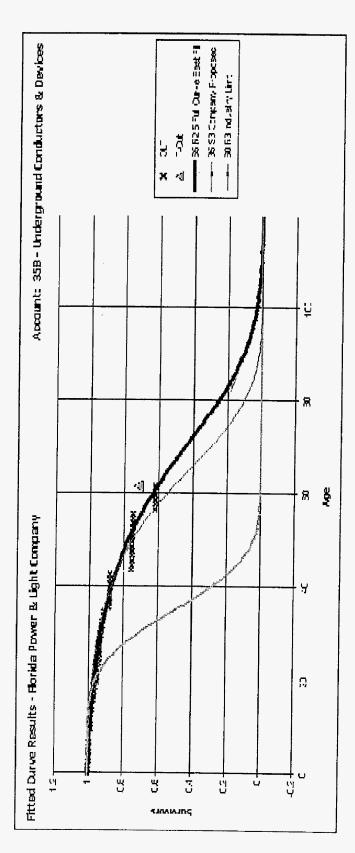
OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	100
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

100 yr upper limit - Corrected Rets Staff's 4th Set of Interrogatories, Question 181

Curve	Life	Sum of		
ļ		Squared		
		Differences		
BAND	1941 - 2003			
R2.5	65.0	10,354.815		
L1.5	79.0	10,375.230		
S1	72.0	10,376.321		
S1.5	68.0	10,408.936		
L2	74.0	10,420.996		
R2	68.0	10,428.692		
S0.5	76.0	10,498.079		
L1	87.0	10,516.612		
R3	63.0	10,545.171		
S2	66.0	10,629.396		
S0	83.0	10,742.026		
R1.5	73.0	10,767.183		
L0.5	96.0	10,830.398		
L3	67.0	11,063.239		
R1	81.0	11,202.877		
S-0.5	95.0	11,314.286		
L0	100.0	11,395.201		
S3	63.0	11,461.580		
R4	60.0	11,525.809		
R0.5	96.0	11,649.553		
L4	63.0	12,236.429		
01	100.0	12,255.026		
O2	100.0	13,208.904		
S4	61.0	13,272.537		
R5	60.0	14,151.601		
L5	61.0	14,242.268		
S5	60.0	15,705.321		
S6	60.0	18,308.611		
O3	100.0	21,587.368		
SQ	62.0	26,887.743		
O4	100.0	37,564.389		

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band 1941 - 2003
Minimum Life Paramet 4
Maximum Life Parame 100
Life Increment Parame 1
Max Age (T-Cut): 61.5



1941 - 2003	1941 - 2003	4	9	•	61.5
Analytical Parameters OLT Placement Band:	OLT Experience Band:	Minimum Life Parameter:	Maximum Life Parameter:	Life Increment Parameter:	Max Age (T-Cut):

Inc Life Study
O'Connor & Lee,
Snavely King Majoros

#### 358 - Underground Conductors & Devices

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

60

R3

		BG/VG Average				
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
2003	0.5	1,541,726	60.00	59.51	25,695	1 520 042
2003	1.5	650,450	60.00	58.52	10,841	1,529,042 634,440
2002	2.5	1,856,951	60.00	57.54	30,949	1,780,883
2000	3.5	307,882	60.00	56.56	5,131	290,248
1999	4.5	3,867,695	60.00	55.59	64,462	3,583,253
1998	5.5	45,217	60.00	54.61	754	41,158
1997	6.5	2,080,426	60.00	53.64	34,674	1,860,027
1996	7.5	1,677,217	60.00	52.68	27,954	1,472,501
1995	8.5	156,602	60.00	51.71	2,610	134,972
1994	9.5	746,282	60.00	50.75	12,438	631,264
1993	10.5	2,684,250	60.00	49.80	44,738	2,227,780
1992	11.5		60.00	48.84	. 0	0
1991	12.5	0	60.00	47.90	0	0
1990	13.5	0	60.00	46.95	0	0
1989	14.5	0	60.00	46.02	0	0
1988	15.5	58,008	60.00	45.08	967	43,587
1987	16.5	0	60.00	44.16	0	0
1986	17.5	2,541,588	60.00	43.23	42,360	1,831,396
1985	18.5	475,149	60.00	42.32	7,919	335,126
1984	19.5	1,256,288	60.00	41.41	20,938	867,021
1983	20.5	2,425,604	60.00	40.51	40,427	1,637,486
1982	21.5	6,978	60.00	39.61	116	4,606
1981	22.5	712,561	60.00	38.72	11,876	459,816
1980	23.5	602,578	60.00	37.83	10,043	379,971
1979	24.5		60.00	36.96	0	0
1978	25.5		60.00	36.09	0	0
1977	26.5	3,127,565	60.00	35.23	52,126	1,836,308
1976	27.5	317,147	60.00	34.37	5,286	181,696
1975	28.5		60.00	33.53	0	0
1974	29.5	4,084,232	60.00	32.69	68,071	2,225,278
1973	30.5	2,228,964	60.00	31.86	37,149	1,183,617
1972	31.5	375,749	60.00	31.04	6,262	194,386
1971	32.5	738,658	60.00	30.23	12,311	372,118
1970	33.5	2,565,058	60.00	29.42	42,751	1,257,822
1969	34.5	1,326	60.00	28.63	22	633

#### 358 - Underground Conductors & Devices

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

60

R3

			BG/V	S Average		
		Surviving	Service		ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	Life	Weights	Weights
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	1,121,792	60.00	27.84	18,697	520,505
1967	36.5	431,833	60.00	27.06	7,197	194,771
1966	37.5	2,333,800	60.00	26.29	38,897	1,022,744
1965	38.5	,,	60.00	25.53	0	0
1964	39.5	954,354	60.00	24.79	15,906	394,237
1963	40.5		60.00	24.05	0	004,237
1962	41.5	350,920	60.00	23.32	5,849	136,376
1961	42.5	0	60.00	22.60	0	0
1960	43.5	5,517	60.00	21.89	92	2,013
1959	44.5	954,540	60.00	21.20	15,909	337,194
1958	45.5	694,873	60.00	20.51	11,581	237,535
1957	46.5		60.00	19.84	0	0
1956	47.5	67,560	60.00	19.18	1,126	21,593
1955	48.5	0	60.00	18.53	0	0
1954	49.5	69,421	60.00	17.89	1,157	20,704
1953	50.5	25,649	60.00	17.27	427	7,384
1952	51.5		60.00	16.67	0	0
1951	52.5	16,238	60.00	16.07	271	4,350
1950	53.5	1,758	60.00	15.49	29	454
1949	54.5	11,084	60.00	14.93	185	2,758
1948	55.5	0	60.00	14.38	0	0
1947	56.5		60.00	13.85	0	0
1946	57.5	4,267	60.00	13.33	71	948
1945	58.5		60.00	12.83	0	0
1944	59.5		60.00	12.35	0	0
1943	60.5	0	60.00	11.88	0	0
1942	61.5	1,541	60.00	11.42	26	293
1941	62.5	50,056	60.00	10.98	834	9,164
		44,227,353			737,123	29,909,458
AVERAGE SERVICE LIFE						60.00
AVERAGE I						40.58

359 - Roads & Trails

Observed Life Table Results
Florida Power & Light Company
Account: 359 - Roads & Trails

Account:	Account: 359 - Roads & Trails					
Age	Exposures	Retiremen	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1941 - 200				
0	74,383,723	462	0.0006	99.9994	1.0000	
0.5	73,551,024		0.0043	99.9957	1.0000	
1.5	82,539,314		0.0074	99.9926	1.0000	
2.5	83,545,709		0.0014	99.9986	0.9999	
3.5	71,811,726		0.0277	99.9723		
4.5			0.0167	99.9833		
5.5						
6.5			0.0262			
7.5						
8.5	51,717,666					
9.5	46,199,170	13,419		99.9710		
10.5					0.9981	
11.5					0.9979	
12.5	42,319,834	38,890	0.0919		0.9973	
13.5	41,107,530	43,387	0.1055			
14.5	40,630,879	8,112	0.0200	99.9800	0.9954	
15.5	38,179,875	34,186	0.0895	99.9105	0.9952	
16.5	37,791,638	7,927	0.0210	99.9790	0.9943	
17.5	37,181,855	37,355	0.1005	99.8995	0.9941	
18.5	34,567,452	24,064	0.0696	99.9304	0.9931	
19.5	27,514,268	24,937	0.0906	99.9094	0.9924	
20.5	24,367,423	15,057	0.0618		0.9915	
21.5	21,316,749	30,881	0.1449		0.9909	
22.5	19,550,277	28,624	0.1464	99.8536	0.9894	
23.5	11,445,446	19,814	0.1731	99.8269	0.9880	
24.5	8,662,832	17,385	0.2007	99.7993	0.9863	
25.5	8,324,227	25,455	0.3058	99.6942	0.9843	
26.5	7,613,323	3,322	0.0436	99.9564	0.9813	
27.5	6,852,877	5,695	0.0831	99.9169	0.9808	
28.5	6,146,398	11,088	0.1804	99.8196	0.9800	
29.5	3,204,353	30,277	0.9449	99.0551	0.9783	
30.5			-0.0031		0.9690	
31.5			0.2579	99.7421	0.9690	
32.5		4,082	0.2020	99.7980	0.9665	
33.5				99.6241		
34.5	1,820,914			99.8661	0.9610	
35.5	1,816,100	2,382	0.1311	99.8689	0.9597	
36.5	1,614,176	2,750	0.1704	99.8296	0.9584	
37.5	1,145,537	17,668	1.5424	98.4576	0.9568	
38.5	1,023,402	-4,093	-0.3999	100.3999	0.9420	
39.5	1,022,979	11,101	1.0852	98.9148	0.9458	
40.5	944,587	4,677	0.4951	99.5049	0.9355	
41.5	880,351	-1,068	-0.1213	100.1213	0.9309	
42.5		2,423	0.2836	99.7164	0.9320	
43.5		1,317	0.2040	99.7960	0.9294	
44.5		2,704	0.4560	99.5440	0.9275	

Observed Life Table Results Florida Power & Light Company Account: 359 - Roads & Trails

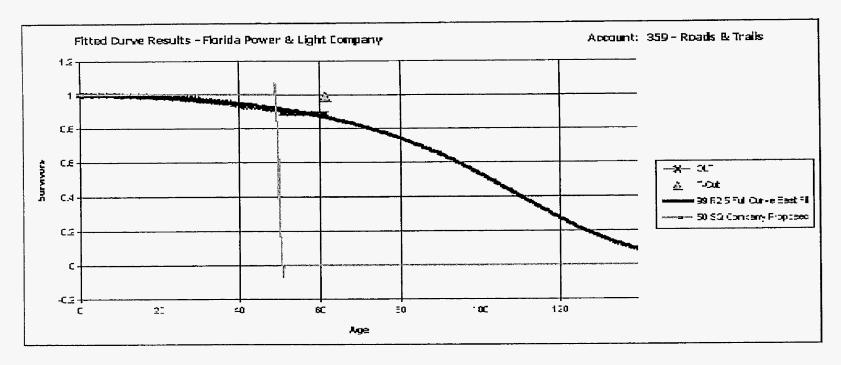
Account.	359 - Roads & I				
Age	Exposures	Retiremen	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	472,097	2,387	0.5055	99.4945	0.9233
46.5	70,765	158	0.2228	99.7772	0.9186
47.5	54,932	0	0.0000	100,0000	0.9166
48.5	49,467	182	0.3683	99.6317	0.9166
49.5	19,048	466	2.4466	97.5534	0.9132
50.5	2,416	0	0.0000	100.0000	0.8908
51.5	0	0	0.0000	100.0000	0.8908
52.5	0	0	0.0000	100.0000	0.8908
53.5	0	0	0.0000	100.0000	0.8908
54.5	0	0	0.0000	100.0000	0.8908
55.5	0	0	0.0000	100.0000	0.8908
56.5	0	0	0.0000	100.0000	0.8908
57.5	0	0	0.0000	100.0000	0.8908
58.5	0	0	0.0000	100.0000	0.8908
59.5	0	0	0.0000	100.0000	0.8908
60.5	0	0	0.0000	100.0000	0.8908
61.5	0	0	0.0000	100.0000	0.8908

### Best Fit Curve Results Florida Power & Light Company Account: 359 - Roads & Trails

Curve	Life	Sum of	
		Squared	
	<u> </u>	Differences	
BAND	1941 - 2003		
R2.5	99.0	48.655	
R3	87.0	85.059	
S1.5	100.0	86.965	
S2	91.0	190.791	
L2	100.0	215.214	
R2	100.0	236.724	
S1	100.0	238.769	
L3	89.0	268.218	
R4	76.0		
S3	81.0	437.387	
L4	77.0		
S4	73.0		
R5	70.0	880.198	
L5	71.0	912.635	
S0.5	100.0	956.057	
L1.5	100.0	971.919	
R1.5	100.0	1,109.508	
S5	69.0	1,261.255	
S6	66.0	1,605.457	
SQ	62.0	2,207.918	
S0	100.0	2,324.543	
L1	100.0	2,663.747	
R1	100.0		
L0.5	100.0	5,142.681	
S-0.5	100.0	5,210.702	
R0.5	100.0	5,527.644	
LO	100.0	8,588.821	
01	100.0	9,393.482	
O2	100.0	13,057.528	
O3	100.0	30,355.803	
O4	100.0	54,802.853	

### **Analytical Parameters**

1941 - 2003
1941 - 2003
1
100
1
61.5



### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	100
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

### 359 - Roads & Trails

## Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA: 99 R2.5

		BG/VG Average				
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	Age	Investment	<u>Life</u>	<u>Life</u>	<b>Weights</b>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
		74 747 004	00.00	00.50	754.000	74 000 050
2003	0.5	74,646,861	99.00	98.52	754,009	74,288,259
2002	1.5	73,884,507	99.00	97.58	746,308	72,824,951
2001	2.5	72,811,677	99.00	96.64	735,471	71,074,465
2000	3.5	72,555,084	99.00	95.70	732,880	70,134,740
1999	4.5	72,344,687	99.00	94.76	730,754	69,245,530
1998	5.5	71,327,477	99.00	93.82	720,480	67,597,179
1997	6.5	71,044,546	99.00	92.89	717,622	66,658,472
1996	7.5	70,836,412	99.00	91.96	715,519	65,796,118
1995	8.5	51,460,797	99.00	91.03	519,806	47,315,654
1994	9.5	51,431,436	99.00	90.10	519,509	46,806,548
1993	10.5	45,940,926	99.00	89.17	464,050	41,380,206
1992	11.5	42,522,799	99.00	88.25	429,523	37,904,816
1991	12.5	42,313,188	99.00	87.33	427,406	37,324,342
1990	13.5	42,063,607	99.00	86.41	424,885	36,713,939
1989	14.5	40,890,732	99.00	85.49	413,038	35,311,894
1988	15.5	40,455,144	99.00	84.58	408,638	34,562,469
1987	16.5	38,012,252	99.00	83.67	383,962	32,125,705
1986	17.5	37,524,894	99.00	82.76	379,039	31,369,629
1985	18.5	36,923,037	99.00	81.86	372,960	30,528,847
1984	19.5	34,345,990	99.00	80.95	346,929	28,084,976
1983	20.5	27,316,634	99.00	80.05	275,926	22,088,798
1982	21.5	24,194,726	99.00	79.16	244,391	19,345,227
1981	22.5	21,159,110	99.00	78.26	213,728	16,727,054
1980	23.5	19,423,519	99.00	77.37	196,197	15,180,274
1979	24.5	11,341,011	99.00	76.49	114,556	8,761,801
1978	25.5	8,571,859	99.00	75.60	86,584	6,545,856
1977	26.5	8,250,639	99.00	74.72	83,340	6,227,133
1976	27.5	7,565,744	99.00	73.84	76,422	5,643,136
1975	28.5	6,808,707	99.00	72.97	68,775	5,018,346
1974	29.5	6,114,209	99.00	72.10	61,760	4,452,680
1973	30.5	3,178,636	99.00	71.23	32,107	2,286,997
1972	31.5	2,527,527	99.00	70.37	25,531	1,796,477
1971	32.5	2,194,565	99.00	69.51	22,167	1,540,751
1970	33.5	1,968,824	99.00	68.65	19,887	1,365,230
1969	34.5	1,943,741	99.00	67.80	19,634	1,331,093

### 359 - Roads & Trails

### Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA: 99 · R2.5

BG/VG Average						
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	1,779,800	99.00	66.95	17,978	1,203,562
1967	36.5	1,777,424	99.00	66.10	17,954	1,186,783
1966	37.5	1,577,882	99.00	65.26	15,938	1,040,141
1965	38.5	1,111,994	99.00	64.42	11,232	723,623
1964	39.5	1,003,419	99.00	63.59	10,136	644,523
1963	40.5	998,903	99.00	62.76	10,090	633,257
1962	41.5	931,612	99.00	61.94	9,410	582,834
1961	42.5	872,053	99.00	61.12	8,809	538,342
1960	43.5	845,167	99.00	60.30	8,537	514,773
1959	44.5	638,967	99.00	59.49	6,454	383,938
1958	45.5	587,426	99.00	58.68	5,934	348,174
1957	46.5	469,177	99.00	57.87	4,739	274,279
1956	47.5	70,231	99.00	57.08	709	40,490
1955	48.5	54,555	99.00	56.28	551	31,015
1954	49.5	49,091	99.00	55.49	496	27,516
1953	50.5	18,854	99.00	54.71	190	10,418
1952	51.5	2,416	99.00	53.92	24	1,316
1951	52.5	0	99.00	53.15	0	0
1950	53.5	0	99.00	52.38	0	0
1949	54.5	0	99.00	51.61	. 0	0
1948	55.5	0	99.00	50.85	0	0
1947	56.5	0	99.00	50.09	0	0
1946	57.5	0	99.00	49.34	0	0
1945	58.5	0	99.00	48.59	0.	0
1944	59.5	0	99.00	47.85	0	0
1943	60.5	0	99.00	47.12	0	0
1942	61.5	0	99.00	46.39	0	0
1941	62.5	0	99.00	45.66	0	0

1,123,544,577 1,248,684,476 12,612,975

AVERAGE SERVICE LIFE AVERAGE REMAINING LIFE 99.00 89.08

361 - Structures & Improvements

### **Observed Life Table Results** Florida Power & Light Company Account: 361 - Structures & Imp

Account:	Account: 361 - Structures & Improvements							
Age	Exposures	Retirements	Retirement	Survivor	Cumulative			
			Ratio (%)	Ratio (%)	Survivors			
BAND		1941 - 2003						
0	98,961,455	27,048	0.0273	99.9727	1.0000			
0.5	86,944,910		0.2307	99.7693				
1.5	80,461,091	30,980	0.0385	99.9615	0.9974			
2.5	74,029,271	35,721	0.0483	99.9517	0.9970			
3.5	67,305,476	147,208	0.2187	99.7813	0.9966			
4.5	64,366,808	60,279	0.0936	99.9064	0.9944			
5.5	62,798,317	150,603	0.2398	99.7602	0.9934			
6.5	61,281,885	19,300	0.0315	99.9685	0.9911			
7.5	60,070,606	101,294	0.1686	99.8314	0.9907			
8.5	57,823,948	161,909	0.2800	99.7200	0.9891			
9.5	54,432,000	51,384	0.0944	99.9056	0.9863			
10.5	45,253,225	75,797	0.1675	99.8325	0.9854			
11.5	39,866,396	73,455	0.1843	99.8157	0.9837			
12.5	35,121,176	50,333	0.1433	99.8567	0.9819			
13.5	30,314,160	33,303	0.1099	99.8901	0.9805			
14.5	28,843,610	53,572	0.1857	99.8143	0.9794			
15.5	27,757,573	86,755	0.3125	99.6875	0.9776			
16.5	25,255,674	94,676	0.3749	99.6251	0.9746			
17.5			0.1057	99.8943	0.9709			
18.5		12,522	0.0609	99.9391	0.9699			
19.5		81,582	0.4184	99.5816	0.9693			
20.5		200,237	1.0991	98.9009	0.9652			
21.5		64,441	0.4007	99.5993	0.9546			
22.5			1.1405	98.8595	0.9508			
23.5			0.4023	99.5977	0.9400			
24.5	12,530,121	39,493	0.3152	99.6848	0.9362			
25.5		11,417	0.0924	99.9076	0.9332			
26.5			0.3579	99.6421	0.9324			
27.5			0.4061	99.5939	0.9290			
28.5		108,722	1.2013	98.7987	0.9252			
29.5		42,713	0.5508	99.4492	0.9141			
30.5		22,885	0.3311	99.6689	0.9091			
31.5		39,904	0.7419	99.2581	0.9061			
32.5		12,892	0.2732	99.7268	0.8994			
33.5	3,490,388	83,093	2.3806	97.6194	0.8969			
34.5		19,387	0.6191	99.3809	0.8756			
35.5		26,843	1.1953	98.8047	0.8701			
36.5		5,368	0.2803	99.7197	0.8597			
37.5		14,205	0.9299	99.0701	0.8573			
38.5	1,291,553	2,526	0.1956	99.8044	0.8494			
39.5	1,141,218	9,671	0.8474	99.1526	0.8477			
40.5	1,018,552	1,906	0.1872	99.8128	0.8405			
					0.8389			
					0.8259			
					0.8162			
44.5		16,684	3.1842	96.8158	0.8141			
41.5 42.5 43.5	947,627 686,388 577,493	14,711 8,047 1,516	1.5525 1.1724 0.2625	98.4475 98.8276 99.7375	0.8 0.8 0.8			

Observed Life Table Results Florida Power & Light Company

Account: 361 - Structures & Improvements

	Age Exposures Retirements Retirement Survivor Cumulative							
Age	Exposures	Retirements	Ratio (%)	Ratio (%)	Survivors			
45.5	376,566	671	0.1782		0.7882			
46.5			0.7059	99.2941	0.7868			
47.5		247	0.1022	99.8978	0.7812			
48.5	206,184	3,912	1.8975	98.1025	0.7804			
49.5		0	0.0000	100.0000	0.7656			
50.5	150,643	0	0.0000	100.0000	0.7656			
51.5	177,035	2,719	1.5360	98.4640	0.7656			
52.5	171,675	1,750	1.0195	98.9805	0.7538			
53.5	72,805	0	0.0000	100.0000	0.7462			
54.5	67,557	15	0.0229	99.9771	0.7462			
55.5	67,541	95	0.1405	99.8595	0.7460			
56.5	67,359	264	0.3914	99.6086	0.7449			
57.5	65,128	18,086	27.7699	72.2301	0.7420			
58.5	47,042	732	1.5571	98.4429	0.5360			
59.5	46,309	12,492	26.9762	73.0238	0.5276			
60.5	36,184	0	0.0000	100.0000	0.3853			
61.5	34,163	0	0.0000	100.0000	0.3853			

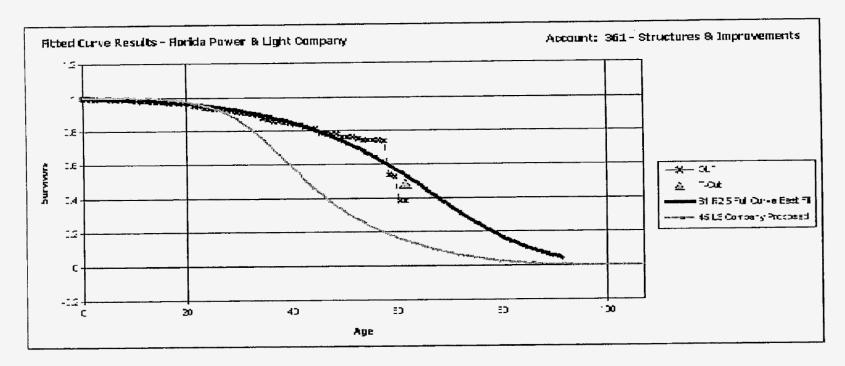
## Best Fit Curve Results Florida Power & Light Company

Account: 361 - Structures & Improvements

Curve	Life	Sum of		
		Squared		
		Differences		
BAND	1941 - 2003			
R2.5	61.0	1,180.129		
R3	60.0	1,233.107		
S1.5	65.0	1,414.202		
R2	64.0	1,416.726		
S1	68.0	1,498.571		
L2	71.0	1,514.755		
S2	63.0	1,563.834		
L1.5	75.0	1,564.096		
S0.5	71.0	1,723.401		
L3	65.0	1,884.751		
R1.5	68.0	1,916.020		
R4	58.0			
S0	75.0	2,128.565		
S3	61.0	2,202.630		
L1	75.0	2,246.778		
R1	74.0	2,553.524		
L4	61.0	2,666.115		
S-0.5	75.0	3,525.134		
L0.5	75.0	3,639.515		
S4	59.0	3,661.855		
R0.5	75.0	3,735.496		
R5	58.0	4,195.601		
L5	60.0	4,295.320		
S5	59.0	5,475.114		
LO	75.0	5,907.089		
O1	75.0	6,092.778		
S6	59.0	7,473.961		
O2	75.0	8,942.854		
SQ	60.0	17,241.877		
O3	75.0			
O4	75.0	47,143.781		

### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 75
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 75
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

### 361 - Structures & Improvements

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

61 R2.5

		Surviving	Service	Remaining	ASL	RL
Year	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
0000	0.5	40 040 204	61.00	60.53	200,662	12,145,238
2003	0.5	12,240,384	61.00	59.58	157,210	9,367,028
2002	1.5	9,589,808			102,128	5,989,089
2001	2.5	6,229,827	61.00 61.00	58.64 57.71	102,128	6,250,675
2000	3.5	6,607,464	61.00	56.77	72,828	4,134,621
1999	4.5	4,442,479	61.00	55.84	36,483	2,037,284
1998	5.5	2,225,436	61.00	54.92	23,209	1,274,547
1997	6.5	1,415,736 1,419,120	61.00	53.99	23,264	1,256,133
1996	7.5	2,662,476	61.00	53.99	43,647	2,316,591
1995	8.5		61.00	52.16	55,052	2,871,590
1994	9.5	3,358,188	61.00	51.25	156,783	8,035,266
1993	10.5	9,563,750	61.00	50.35	86,573	4,358,513
1992	11.5	5,280,929		49.44	78,187	3,865,875
1991	12.5	4,769,383	61.00		-	3,852,270
1990	13.5	4,840,361	61.00	48.55	79,350	•
1989	14.5	1,487,435	61.00	47.66	24,384	1,162,061
1988	15.5	967,219	61.00	46.77	15,856	741,589
1987	16.5	2,412,657	61.00	45.89	39,552	1,814,980
1986	17.5	2,672,500	61.00	45.01	43,811	1,972,097
1985	18.5	1,760,009	61.00	44.14	28,853	1,273,645
1984	19.5	1,250,894	61.00	43.28	20,506	887,489
1983	20.5	1,223,286	61.00	42.42	20,054	850,692
1982	21.5	2,002,841	61.00	41.57	32,833	1,364,815
1981	22.5	1,347,652	61.00	40.72	22,093	899,646
1980	23.5	1,605,259	61.00	39.88	26,316	1,049,519
1979	24.5	432,120	61.00	39.05	7,084	276,615
1978	25.5	133,511	61.00	38.22	2,189	83,656
1977	26.5	286,318	61.00	37.40	4,694	175,554
1976	27.5	1,410,906	61.00	36.59	23,130	846,275
1975	28.5	1,565,909	61.00	35.78	25,671	918,564
1974	29.5	1,225,517	61.00	34.98	20,090	702,843
1973	30.5	795,549	61.00	34.19	13,042	445,926
1972	31.5	1,459,597	61.00	33.41	23,928	799,394
1971	32.5	647,062	61.00	32.63	10,608	346,148
1970	33.5	1,271,478	61.00	31.86	20,844	664,155
1969	34.5	225,033	61.00	31.10	3,689	114,741

### 361 - Structures & Improvements

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA: 61 R2.5

			BG/V	S Average		
		Surviving		Remaining	ASL	RL
<u>Year</u>	Age	<u>Investment</u>	Life	Life	Weights	Weights
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
` '	` '					
1968	35.5	924,493	61.00	30.35	15,156	459,974
1967	36.5	304,050	61.00	29.61	4,984	147,566
1966	37.5	368,045	61.00	28.87	6,034	174,186
1965	38.5	241,870	61.00	28.14	3,965	111,585
1964	39.5	146,305	61.00	27.42	2,398	65,773
1963	40.5	130,670	61.00	26.71	2,142	57,224
1962	41.5	58,836	61.00	26.01	965	25,090
1961	42.5	230,559	61.00	25.32	3,780	95,706
1960	43.5	87,413	61.00	24.64	1,433	35,309
1959	44.5	51,788	61.00	23.97	849	20,348
1958	45.5	123,303	61.00	23.31	2,021	47,110
1957	46.5	16,907	61.00	22.65	277	6,279
1956	47.5	106,697	61.00	22.01	1,749	38,506
1955	48.5	29,594	61.00	21.39	485	10,375
1954	49.5	7,257	61.00	20.77	119	2,471
1953	50.5	5,196	61.00	20.16	85	1,717
1952	51.5	0	61.00	19.57	0	0
1951	52.5	2,641	61.00	18.98	43	822
1950	53.5	97,119	61.00	18.42	1,592	29,319
1949	54.5	5,248	61.00	17.86	86	1,537
1948	55.5	0	61.00	17.32	0	0
1947	56.5	88	61.00	16.79	1	24
1946	57.5	1,967	61.00	16.27	32	525
1945	58.5	0	61.00	15.77	0	0
1944	59.5	0	61.00	15.28	0	0
1943	60.5	0	61.00	14.81	0	0
1942	61.5	2,021	61.00	14.35	33	475
1941	62.5	34,163	61.00	13.91	560	7,788
		,				·
		103,804,328			1,701,710	86,484,834
AVERAGE :	SERVICE L	.IFE				61.00
AVERAGE I						50.82

362 - Station Equipment

Observed Life Table Results
Florida Power & Light Company
Account: 362 - Station Equipment

Account: 362 - Station Equipment						
Age	Exposures	Retirements	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1941 - 2003				
0	1,196,826,559	2,414,012	0.2017		1.0000	
0.5	1,136,968,260	1,682,016	0.1479	99.8521	0.9980	
1.5	1,067,671,373	2,988,906	0.2799	99.7201	0.9965	
2.5	987,631,416	3,930,049	0.3979		0.9937	
3.5	908,939,071	3,371,614	0.3709	99.6291	0.9898	
4.5	854,548,907	5,812,556		99.3198		
5.5	810,391,617	3,384,987	0.4177	99.5823	0.9794	
6.5	769,032,672	4,361,510		99.4329	0.9753	
7.5		5,134,788				
8.5	715,550,079	6,065,403		99.1523		
9.5	679,051,125	4,381,227	0.6452			
10.5	634,164,937	5,012,658	0.7904	99.2096	0.9487	
11.5	567,090,529	4,172,308	0.7357	99.2643		
12.5	497,966,991	4,845,111	0.9730	99.0270	0.9343	
13.5	431,543,467	3,542,732	0.8209	99.1791	0.9252	
14.5	383,728,862	4,136,530	1.0780	98.9220	0.9176	
15.5	354,658,076	3,556,955	1.0029	98.9971	0.9077	
16.5	327,593,380	2,902,730	0.8861	99.1139	0.8986	
17.5	302,537,752	3,580,406	1.1835	98.8165	0.8906	
18.5	282,327,358	2,919,009	1.0339	98.9661	0.8801	
19.5	267,542,287	3,384,956			0.8710	
20.5	252,595,851	3,032,146	1.2004	98.7996	0.8600	
21.5	227,558,746	2,807,350	1.2337	98.7663		
22.5	209,736,564	3,212,081	1.5315	98.4685	0.8392	
23.5	192,433,700	3,014,780	1.5667	98.4333	0.8263	
24.5	182,687,654	2,947,414	1.6134	98.3866	0.8134	
25.5	174,482,629	3,687,476	2.1134	97.8866	0.8003	
26.5	165,032,182			98.2813	0.7833	
27.5	154,283,326	3,027,541	1.9623	98.0377	0.7699	
28.5	136,098,592	2,303,772				
29.5	119,965,047	3,027,381			0.7420	
30.5						
31.5	90,859,746					
32.5	78,768,694	1,813,867	2.3028	97.6972	0.6897	
33.5	62,985,512	1,731,669	2.7493	97.2507	0.6738	
34.5	57,110,700	1,749,131			0.6553	
35.5	42,257,556	884,313	2.0927	97.9073	0.6352	
36.5	34,653,231	1,402,045	4.0459	95.9541	0.6219	
37.5	29,361,172	1,763,870	6.0075	93.9925	0.5968	
38.5				96.2768	0.5609	
39.5		1,060,037	5.2083	94.7917	0.5400	
40.5	<del></del>			91.6970	0.5119	
41.5		1,089,809				
42.5	12,277,171	678,496	5.5265	94.4735	0.4339	
43.5	10,142,354		5.9637	94.0363	0.4099	
44.5	8,216,413	519,538	6.3232	93.6768	0.3855	

Observed Life Table Results
Florida Power & Light Company
Account: 362 - Station Equipme

Accou	Account: 362 - Station Equipment						
Age		Exposures	Retirements	Retirement	Survivor	Cumulative	
				Ratio (%)	Ratio (%)	Survivors	
- 1	45.5	6,362,265	262,758	4.1299	95.8701	0.3611	
- 1	46.5	5,144,102	174,429	3.3909	96.6091	0.3462	
	47.5	4,051,166	206,969	5.1089	94.8911	0.3344	
1	48.5	3,251,755	282,673	8.6929	91.3071	0.3173	
- 1	49.5	2,465,443	261,057	10.5886	89.4114	0.2898	
	50.5	1,864,956	167,382	8.9751	91.0249	0.2591	
	51.5	1,445,521	182,723	12.6406	87.3594		
	52.5	1,071,273	48,990	4.5730	95.4270	0.2060	
	53.5	830,685	46,669	5.6181	94.3819	0.1966	
Ę	54.5	593,166	14,929	2.5169	97.4831	0.1855	
Ę	55.5	452,671	20,658	4.5635	95.4365	0.1809	
Ę	56.5	366,014	3,277	0.8952	99.1048	0.1726	
	57.5	265,368	16,613	6.2603	93.7397	0.1711	
Ę	58.5	238,677	6,611	2.7698	97.2302	0.1604	
	59.5	228,014			68.2847	0.1559	
f	60.5	84,638	23,369	27.6110	72.3890	0.1065	
6	61.5	58,047	6,622	11.4087	88.5913	0.0771	

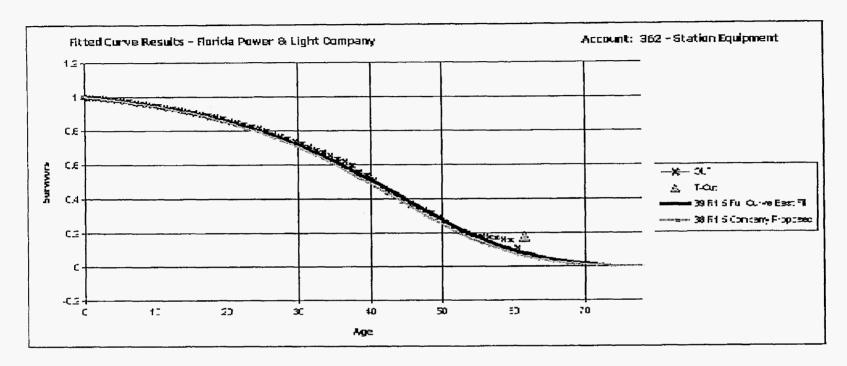
Best Fit Curve Results

Florida Power & Light Company Account: 362 - Station Equipment

Curve	Life	Sum of
Curve		Squared
		Differences
BAND	1941 - 2003	Billoronoo
R1.5	39.0	196.101
S1	40.0	288.447
R2	40.0	
S0.5	40.0	438.425
S1.5	41.0	658.905
L2	42.0	777.772
R1	39.0	787.434
L1.5	42.0	
S0	40.0	1,226.357
R2.5	40.0	
S2	41.0	
L1	42.0	
L3	42.0	
R0.5	39.0	
S-0.5	39.0	
L0.5	42.0	
R3	41.0	
S3	41.0	
LO	43.0	
01	39.0	5,355.315
O2	44.0	
L4	41.0	6,002.962
R4	41.0	7,835.207
S4	41.0	10,133.695
O3	53.0	10,416.651
L5	41.0	11,855.337
R5	41.0	14,734.134
S5	41.0	
O4	53.0	19,511.329
S6	41.0	22,790.555
SQ	41.0	37,247.179

### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 53
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



### Analytical Parameters

OLT Placement Band: 1941 - 2003
OLT Experierce Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 53
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

364 - Poles, Towers & Fixtures

Observed Life Table Results Florida Power & Light Company

Account: 364 - Poles, Towers & Fixtures

Account:	364 - Poles, Towers & Fixtures					
Age	Exposures	Retirements	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1941 - 2003				
0	786,794,437	849,321	0.1079	99.8921	1.0000	
0.5	738,927,060	2,362,714	0.3197	99.6803	0.9989	
1.5	694,344,864	3,612,604	0.5203	99.4797	0.9957	
2.5	660,414,153		0.6438	99.3562	0.9905	
3.5	623,905,796		0.7083	99.2917	0.9842	
4.5	590,588,855		0.7560	99.2440	0.9772	
5.5	556,617,116		0.7878	99.2122	0.9698	
6.5	530,694,508		0.8878	99.1122	0.9622	
7.5	504,915,955		0.8853	99.1147	0.9536	
8.5	479,435,184		0.9528	99.0472	0.9452	
9.5	452,674,367	4,956,660	1.0950	98.9050	0.9362	
10.5	421,459,508			98.9331	0.9259	
11.5		4,454,366		98.8717	0.9161	
12.5			1.2289	98.7711	0.9057	
13.5	336,565,072	4,212,296	1.2516	98.7484	0.8946	
14.5	308,564,400	3,993,916		98.7056	0.8834	
15.5	283,193,103			98.6987	0.8720	
16.5				98.7635	0.8606	
17.5			1.3129	98.6871	0.8500	
18.5		3,020,754	1.3976	98.6024	0.8388	
19.5		2,806,057	1.4386	98.5614	0.8271	
20.5		2,541,715		98.5700	0.8152	
21.5			1.5964	98.4036	0.8035	
22.5		2,281,410		98,4890	0.7907	
23.5		2,072,636		98.4665	0.7788	
24.5			1.5945	98.4055	0.7668	
25.5			1.6421	98.3579	0.7546	
26.5		1,886,332	1.8574	98.1426	0.7422	
27.5			2.2332	97.7668	0.7284	
28.5			2.2964	97.7036	0.7121	
29.5			2.4938	97.5062	0.6958	
30.5		2,018,664	3.0617	96.9383	0.6784	
31.5		1,713,959	2.9766	97.0234	0.6577	
32.5		1,532,469	2.9626	97.0374	0.6381	
33.5						
34.5				96.7688	0.6000	
35.5			3.8987	96.1013	0.5806	
36.5			3.9230	96.0770	0.5580	
37.5			6.4804	93.5196	0.5361	
38.5			7.6803	92.3197	0.5013	
39.5			9.8345	90.1655	0.4628	
40.5			9.6225	90.3775	0.4173	
41.5			10.4002	89.5998	0.3772	
42.5			9.7267	90.2733	0.3379	
43.5				88.1794	0.3051	
44.5	6,586,171	1,067,672	16.2108	83.7892	0.2690	

**Observed Life Table Results** Florida Power & Light Company Account: 364 - Poles, Towers & Fixtures

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	4,060,708	972,048	23.9379	76.0621	0.2254
46.5	2,297,031	578,487	25.1841	74.8159	0.1714
47.5	1,722,665	485,206	28.1660	71.8340	0.1283
48.5	1,239,040	272,702	22.0091	77.9909	0.0921
49.5	970,979	83,711	8.6213	91.3787	0.0719
50.5	905,092	68,274	7.5434	92.4566	0.0657
51.5	1,162,649	149,917	12.8944	87.1056	0.0607
52.5	1,008,127	161,441	16.0140	83.9860	0.0529
53.5	846,685	846,685	100.0000	0.0000	0.0444
54.5	0	-34	0.0000	100.0000	0.0000
55.5	34	34	100.0000	0.0000	0.0000
56.5	0	0	0.0000	100.0000	0.0000
57.5	0	0	0.0000	100.0000	0.0000
58.5	0	0	0.0000	100.0000	0.0000
59.5	0	0	0.0000	100.0000	0.0000
60.5	0	0	0.0000	100.0000	0.0000
61.5	0	0	0.0000	100.0000	0.0000

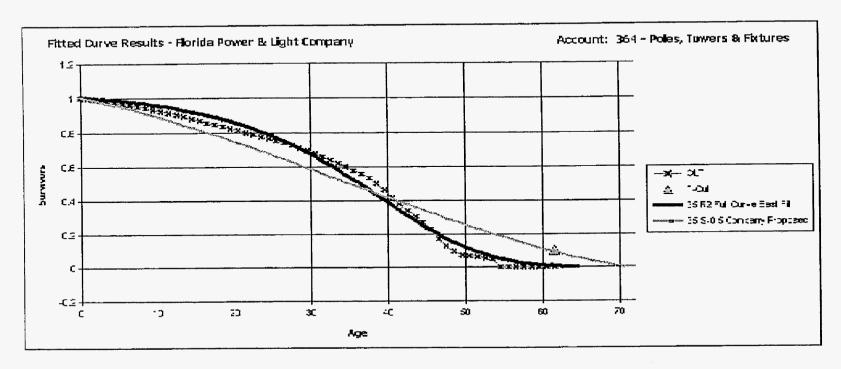
Best Fit Curve Results Florida Power & Light Company

Account: 364 - Poles, Towers & Fixtures

Curve	Life	Sum of
oui vo		Squared
		Differences
BAND	1941 - 2003	
R2	35.0	680.916
R1.5	35.0	1,039.931
R2.5	36.0	1,083.022
S1.5	36.0	1,613.605
S1	35.0	1,710.914
S2	36.0	2,000.920
R1	34.0	2,029.035
R3	36.0	2,173.946
\$0.5	35.0	2,268.495
S0	34.0	3,305.173
L3	37.0	3,611.092
L2	36.0	3,708.476
S3	37.0	3,836.335
L1.5	36.0	4,224.374
R0.5	33.0	4,447.412
S-0.5	33.0	5,261.879
L1	35.0	5,401.416
R4	37.0	5,448.223
L4	37.0	5,533.955
L0.5	35.0	6,966.928
S4	38.0	7,839.107
O1	32.0	7,878.036
L0	35.0	9,054.539
L5	38.0	9,589.852
O2	36.0	10,320.196
R5	38.0	11,132.979
S5	38.0	
O3	44.0	18,158.696
S6	38.0	18,419.141
O4	44.0	
SQ	39.0	31,936.492

### Analytical Parameters

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 3
Maximum Life Parameter: 44
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	3
Maximum Life Parameter:	44
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

365 - Overhead Conductors & Devices

## Observed Life Table Results Florida Power & Light Company

Account: 365 - Overhead Conductors & Devices

Account:		ad Conductors & Devices				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1941 - 2003				
0	1,077,167,517	759,254	0.0705		1.0000	
0.5	1,025,487,160	3,343,908		99.6739		
1.5	984,560,801			99.4697		
2.5	946,125,253	5,116,853		99.4592		
3.5	900,901,899			99.4991		
4.5	865,486,688			99.4073		
5.5	827,875,623			99.3716		
6.5	796,013,388	5,583,920	0.7015	99.2985		
7.5	766,253,061	6,145,274		99.1980		
8.5	733,956,472	8,122,377	1.1067			
9.5	697,332,211	9,943,011	1.4259	98.5741	0.9435	
10.5	646,509,510	7,592,775	1.1744	98.8256	0.9300	
11.5	604,162,761	6,450,072	1.0676	98.9324	0.9191	
12.5	557,368,421	6,989,362	1.2540	98.7460	0.9093	
13.5	500,836,337	6,098,941	1.2178	98.7822	0.8979	
14.5	449,213,947	6,280,508	1.3981	98.6019	0.8869	
15.5	405,764,091	5,791,631	1.4273	98.5727	0.8745	
16.5	371,557,893	5,623,045	1.5134	98.4866	0.8621	
17.5			1.6025	98.3975	0.8490	
18.5	311,240,852		1.6391	98.3609	0.8354	
19.5	280,494,656		1.8197	98.1803	0.8217	
20.5	255,058,547		1.7497	98.2503		
21.5	234,360,285					
22.5	210,145,462					
23.5	184,668,883			97.9662	0.7622	
24.5	161,439,082	<del></del>		97.9160	0.7467	
25.5	146,968,471	3,836,429	<del></del>	97.3896	0.7312	
26.5	134,169,467	<del></del>		97.0879		
27.5						
28.5					0.6699	
29.5						
30.5						
31.5				95.9713		
32.5						
33.5						
34.5						
35.5			<del></del>		<del></del>	
36.5			<del></del>			
37.5					<del> </del> -	
38.5				94.8729		
39.5				94.6839		
			<del></del>		<del></del>	
40.5 41.5						
42.5						
43.5				96.9489		
					0.3273	
44.5	7,549,789	264,302	3.5008	90.4992	0.31/3	

### Observed Life Table Results Florida Power & Light Company

Account: 365 - Overhead Conductors & Devices

6,890,416		Retirement Ratio (%)	Survivor Ratio (%)	Cumulative
6,890,416		Ratio (%)	Ratio (%)	
6,890,416			Natio (70)	Survivors
	222,965	3.2359	96.7641	0.3062
6,344,586	145,082	2.2867	97.7133	0.2963
6,051,337	73,574	1.2158	98.7842	0.2895
5,722,989	74,190	1.2964	98.7036	0.2860
5,339,925	76,984	1.4417	98.5583	0.2823
4,943,419	76,174	1.5409	98.4591	0.2782
4,381,965	88,898	2.0287	97.9713	0.2739
3,861,181	58,897	1.5254	98.4746	0.2684
3,123,694	54,657	1.7497	98.2503	0.2643
2,378,077	53,185	2.2365	97.7635	0.2597
1,823,197	34,597	1.8976	98.1024	0.2539
1,417,716	41,521	2.9287	97.0713	0.2490
1,165,775	16,453	1.4113	98.5887	0.2417
1,095,236	17,301	1.5796	98.4204	0.2383
1,051,894	21,707	2.0636	97.9364	0.2346
1,001,574	39,896	3.9833	96.0167	0.2297
809,427	37,640	4.6502	95.3498	0.2206
	6,344,586 6,051,337 5,722,989 5,339,925 4,943,419 4,381,965 3,861,181 3,123,694 2,378,077 1,823,197 1,417,716 1,165,775 1,095,236 1,051,894 1,001,574	6,344,586 145,082 6,051,337 73,574 5,722,989 74,190 5,339,925 76,984 4,943,419 76,174 4,381,965 88,898 3,861,181 58,897 3,123,694 54,657 2,378,077 53,185 1,823,197 34,597 1,417,716 41,521 1,165,775 16,453 1,095,236 17,301 1,051,894 21,707 1,001,574 39,896	6,344,586         145,082         2.2867           6,051,337         73,574         1.2158           5,722,989         74,190         1.2964           5,339,925         76,984         1.4417           4,943,419         76,174         1.5409           4,381,965         88,898         2.0287           3,861,181         58,897         1.5254           3,123,694         54,657         1.7497           2,378,077         53,185         2.2365           1,823,197         34,597         1.8976           1,417,716         41,521         2.9287           1,165,775         16,453         1.4113           1,095,236         17,301         1.5796           1,051,894         21,707         2.0636           1,001,574         39,896         3.9833	6,344,586         145,082         2.2867         97.7133           6,051,337         73,574         1.2158         98.7842           5,722,989         74,190         1.2964         98.7036           5,339,925         76,984         1.4417         98.5583           4,943,419         76,174         1.5409         98.4591           4,381,965         88,898         2.0287         97.9713           3,861,181         58,897         1.5254         98.4746           3,123,694         54,657         1.7497         98.2503           2,378,077         53,185         2.2365         97.7635           1,823,197         34,597         1.8976         98.1024           1,417,716         41,521         2.9287         97.0713           1,165,775         16,453         1.4113         98.5887           1,095,236         17,301         1.5796         98.4204           1,051,894         21,707         2.0636         97.9364           1,001,574         39,896         3.9833         96.0167

### Best Fit Curve Results

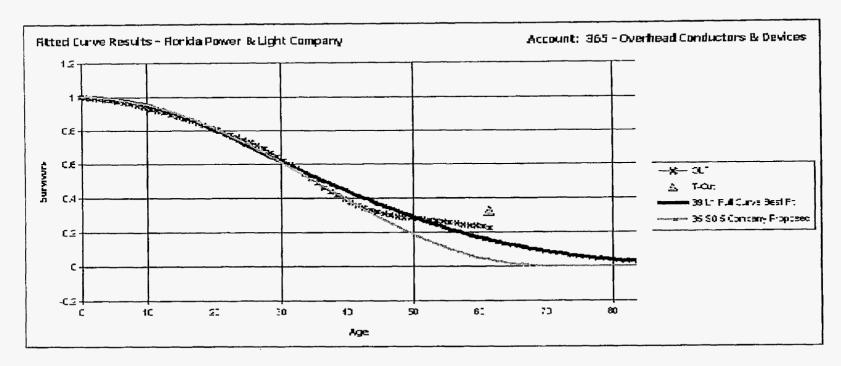
Florida Power & Light Company

Account: 365 - Overhead Conductors & Devices

L0.5       39.0       751.444         L1.5       39.0       935.291         S0       38.0       1,241.444         S-0.5       37.0       1,284.067         L0       40.0       1,379.156         R0.5       37.0       1,597.791         S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0	Curve	Life	Sum of
BAND         1941 - 2003           L1         39.0         627.426           L0.5         39.0         751.444           L1.5         39.0         935.291           S0         38.0         1,241.444           S-0.5         37.0         1,284.067           L0         40.0         1,379.156           R0.5         37.0         1,597.791           S0.5         38.0         1,857.706           L2         39.0         1,936.105           R1         37.0         2,158.423           O2         41.0         2,244.420           O1         37.0         2,280.683           S1         38.0         3,132.846           R1.5         38.0         3,331.179           O3         51.0         4,597.230           S1.5         38.0         3,331.179           O3         51.0         4,597.230           S1.5         38.0         5,964.470           O4         68.0         5,981.495           S2         38.0         7,222.269           R2.5         38.0         7,912.122           R3         37.0         11,265.631           S3<			Squared
L1       39.0       627.426         L0.5       39.0       751.444         L1.5       39.0       935.291         S0       38.0       1,241.444         S-0.5       37.0       1,284.067         L0       40.0       1,379.156         R0.5       37.0       1,597.791         S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0			
L1       39.0       627.426         L0.5       39.0       751.444         L1.5       39.0       935.291         S0       38.0       1,241.444         S-0.5       37.0       1,284.067         L0       40.0       1,379.156         R0.5       37.0       1,597.791         S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0	BAND	1941 - 2003	
L1.5       39.0       935.291         S0       38.0       1,241.444         S-0.5       37.0       1,284.067         L0       40.0       1,379.156         R0.5       37.0       1,597.791         S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       3,4866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,4739.505         S5       36.0	L1	39.0	627.426
S0       38.0       1,241.444         S-0.5       37.0       1,284.067         LO       40.0       1,379.156         R0.5       37.0       1,597.791         S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.908         S4       37.0       21,213.468         R5       36.0       24,4739.508         S5       36.0	L0.5	39.0	751.444
S-0.5       37.0       1,284.067         LO       40.0       1,379.156         RO.5       37.0       1,597.791         SO.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.908         S4       37.0       21,213.468         R5       36.0       24,739.508         S5       36.0       26,447.994         S6       36.0	L1.5	39.0	935.291
LO       40.0       1,379.156         RO.5       37.0       1,597.791         SO.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430	S0	38.0	1,241.444
LO       40.0       1,379.156         R0.5       37.0       1,597.791         S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430	S-0.5	37.0	1,284.067
S0.5       38.0       1,857.706         L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.633         S3       38.0       12,512.523         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430		40.0	1,379.156
L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430	R0.5	37.0	1,597.791
L2       39.0       1,936.105         R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430	S0.5	38.0	1,857.706
R1       37.0       2,158.423         O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430		39.0	1,936.105
O2       41.0       2,244.420         O1       37.0       2,280.683         S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.908         S4       37.0       21,213.468         R5       36.0       24,739.508         S5       36.0       26,447.994         S6       36.0       32,578.430		37.0	2,158.423
S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430		41.0	2,244.420
S1       38.0       3,132.846         R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430	01	37.0	2,280.683
R1.5       38.0       3,331.179         O3       51.0       4,597.230         S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430		38.0	3,132.846
S1.5       38.0       4,866.930         R2       38.0       5,405.509         L3       38.0       5,964.470         O4       68.0       5,981.495         S2       38.0       7,222.269         R2.5       38.0       7,912.122         R3       37.0       11,265.631         S3       38.0       12,512.521         L4       38.0       13,696.224         R4       37.0       17,395.905         S4       37.0       21,213.465         R5       36.0       24,739.505         S5       36.0       26,447.994         S6       36.0       32,578.430		38.0	3,331.179
R2     38.0     5,405.509       L3     38.0     5,964.470       O4     68.0     5,981.495       S2     38.0     7,222.269       R2.5     38.0     7,912.122       R3     37.0     11,265.631       S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	O3	51.0	4,597.230
L3     38.0     5,964.470       O4     68.0     5,981.495       S2     38.0     7,222.265       R2.5     38.0     7,912.122       R3     37.0     11,265.631       S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	S1.5	38.0	4,866.930
O4     68.0     5,981.495       S2     38.0     7,222.269       R2.5     38.0     7,912.122       R3     37.0     11,265.631       S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	R2	38.0	5,405.509
S2     38.0     7,222.269       R2.5     38.0     7,912.122       R3     37.0     11,265.631       S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	L3	38.0	5,964.470
R2.5     38.0     7,912.122       R3     37.0     11,265.631       S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     19,633.903       L5     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	O4	68.0	5,981.495
R3     37.0     11,265.631       S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     19,633.903       L5     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	S2	38.0	7,222.269
S3     38.0     12,512.521       L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     19,633.903       L5     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	R2.5	38.0	7,912.122
L4     38.0     13,696.224       R4     37.0     17,395.905       S4     37.0     19,633.903       L5     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	R3	37.0	11,265.631
R4     37.0     17,395.905       S4     37.0     19,633.903       L5     37.0     21,213.465       R5     36.0     24,739.505       S5     36.0     26,447.994       S6     36.0     32,578.430	S3	38.0	12,512.521
S4     37.0     19,633.903       L5     37.0     21,213.468       R5     36.0     24,739.508       S5     36.0     26,447.994       S6     36.0     32,578.430	L4	38.0	13,696.224
L5     37.0     21,213.468       R5     36.0     24,739.508       S5     36.0     26,447.994       S6     36.0     32,578.430	R4	37.0	17,395.909
R5 36.0 24,739.505 S5 36.0 26,447.994 S6 36.0 32,578.430	S4	37.0	
S5     36.0     26,447.994       S6     36.0     32,578.430	L5	37.0	
S6 36.0 32,578.430	R5	36.0	24,739.505
S6 36.0 32,578.430	S5	36.0	26,447.994
		36.0	32,578.430
55.5	SQ	35.0	45,765.110

### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 100
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	100
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

366.6 - Underground Conduit, Duct System

Observed Life Table Results Florida Power & Light Company

Account: 366.6 - Underground Conduit, Duct System

Account:	366.6 - Undergr Exposures		Retirement	Survivor	Cumulative
Age	Exposures	Remements	Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003	reactio (70)	Ratio (70)	Jaivivois
0	840,374,200	30,957	0.0037	99.9963	· 1.0000
0.5	769,353,328	7,015	0.0009	99.9991	1.0000
1.5	687,783,348	5,010	0.0003	99.9993	1.0000
2.5	623,818,216	-1,528	-0.0002	100.0002	0.9999
3.5	555,096,309		0.0013	99.9987	0.9999
4.5	505,630,886		0.0007	99.9993	0.9999
5.5	454,034,521	453	0.0001	99.9999	0.9999
6.5	419,032,308	7,205	0.0017	99.9983	0.9999
7.5	396,081,075	31,183	0.0079	99.9921	0.9999
8.5	373,616,513	11,177	0.0030	99.9970	0.9998
9.5	353,322,666	18,855	0.0053	99.9947	0.9998
10.5	331,709,271	15,881	0.0048	99.9952	0.9997
11.5		41,126	0.0131	99.9869	0.9997
12.5		64,301	0.0221	99.9779	0.9996
13.5		98,847	0.0376	99.9624	0.9993
14.5		155,510	0.0668	99.9332	0.9990
15.5		230,986	0.1101	99.8899	0.9983
16.5		352,190	0.1860	99.8140	0.9972
17.5		238,192	0.1390	99.8610	0.9954
18.5	154,627,154	302,357	0.1955	99.8045	0.9940
19.5		403,985	0.2882	99.7118	0.9920
20.5		257,739	0.2002	99.7998	0.9892
21.5		316,910	0.2659	99.7341	0.9872
22.5		322,082	0.2974	99.7026	0.9846
23.5	97,848,064	390,199	0.3988	99.6012	0.9816
24.5	90,548,860	451,053	0.4981	99.5019	0.9777
25.5	87,156,892	559,903	0.6424	99.3576	0.9728
26.5	81,480,402	670,477	0.8229	99.1771	0.9666
27.5	75,343,814	625,764	0.8305	99.1695	0.9586
28.5	64,477,442	751,842	1.1661	98.8339	0.9507
29.5	55,807,678	669,445	1.1996	98.8004	0.9396
30.5	46,570,724	602,534	1.2938	98.7062	0.9283
31.5	38,886,548	455,579	1.1716	98.8284	0.9163
32.5	32,302,795	344,726	1.0672	98.9328	0.9056
33.5		300,694	1.3722	98.6278	0.8959
34.5		283,797	1.5917	98.4083	0.8836
35.5		260,657	1.6721	98.3279	0.8696
36.5		223,466	1.7480	98.2520	0.8550
37.5	10,965,513	177,907	1.6224	98.3776	0.8401
38.5	9,257,582	139,848	1.5106	98.4894	0.8264
39.5	8,684,904	124,450	1.4329	98.5671	0.8140
40.5	8,154,303	104,744	1.2845	98.7155	0.8023
41.5	7,765,200	91,642	1.1802	98.8198	0.7920
42.5	7,359,523	94,582	1.2852	98.7148	0.7826
43.5	6,816,668	89,911	1.3190	98.6810	0.7726
44.5	6,264,720	69,774	1.1138	98.8862	0.7624

## Observed Life Table Results Florida Power & Light Company

Account: 366.6 - Underground Conduit, Duct System

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	5,867,656	88,347	1.5057	98.4943	0.7539
46.5	5,315,702	80,689	1.5179	98.4821	0.7426
47.5	4,853,173	80,303	1.6547	98.3453	0.7313
48.5	4,316,443	86,941	2.0142	97.9858	0.7192
49.5	4,002,453	64,807	1.6192	98.3808	0.7047
50.5	3,464,689	54,476	1.5723	98.4277	0.6933
51.5	3,157,751	58,314	1.8467	98.1533	0.6824
52.5	2,757,612	59,045	2.1412	97.8588	0.6698
53.5	2,597,424	46,066	1.7735	98.2265	0.6554
54.5	1,530,776	30,193	1.9724	98.0276	0.6438
55.5	306,233	7,837	2.5593	97.4407	0.6311
56.5	282,434	10,028	3.5506	96.4494	0.6150
57.5	264,527	4,066	1.5370	98.4630	0.5931
58.5	260,461	7,294	2.8004	97.1996	0.5840
59.5	253,168	13,737	5.4260	94.5740	0.5677
60.5	239,431	5,175	2.1615	97.8385	0.5369
61.5	217,122	3,130	1.4414	98.5586	0.5253

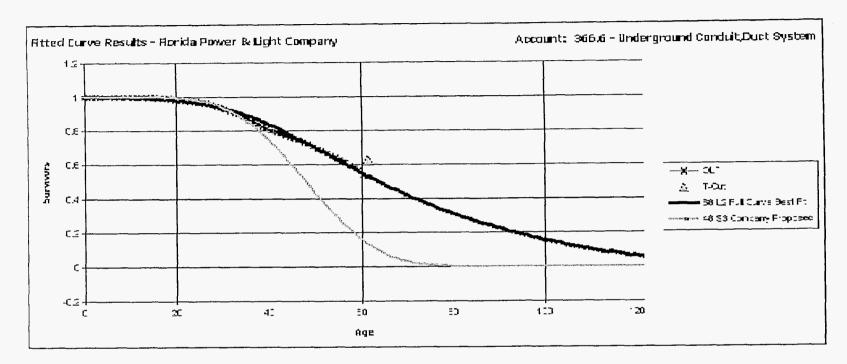
Best Fit Curve Results Florida Power & Light Company

Account: 366.6 - Underground Conduit, Duct System

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
L2	68.0	101.747
S1.5	63.0	107.864
S1	65.0	151.614
L1.5	71.0	226.521
R2.5	59.0	272.459
S2	61.0	297.665
R2	61.0	416.690
R3	58.0	483.343
S0.5	68.0	513.854
L1	76.0	594.392
L3	63.0	901.715
R1.5	64.0	1,008.309
S0	72.0	1,040.318
L0.5	83.0	1,258.167
S3	59.0	
R1	69.0	
R4	57.0	
L0	92.0	1,985.355
S-0.5	80.0	2,118.173
R0.5	79.0	2,660.865
L4	59.0	2,789.565
01	94.0	3,243.398
O2	100.0	3,304.950
S4	58.0	4,196.440
L5	59.0	5,873.461
R5	58.0	5,898.823
S5	58.0	7,897.182
O3	100.0	8,518.833
S6	59.0	12,137.178
O4	100.0	21,588.203
SQ	61.0	24,806.967

### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	6
Maximum Life Parameter:	100
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	6
Maximum Life Parameter:	100
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

### 366.6 - Underground Conduit, Duct System

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

68

L2

	BG/VG Average					
		Surviving	Service	Remaining	ASL	RL
Year	<u>Age</u>	Investment	<u>Life</u>	<u>Life</u>	<b>Weights</b>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)≃(3)/(4)	(7)=(6)*(5)
2003	0.5	70,933,251	68.00	67.49	1,043,136	70,401,207
2002	1.5	82,061,771	68.00	66.49	1,206,791	80,240,517
2001	2.5	64,147,432	68.00	65.49	943,345	61,783,366
2000	3.5	67,499,629	68.00	64.50	992,642	64,025,709
1999	4.5	49,409,609	68.00	63.51	726,612	46,148,260
1998	5.5	51,605,007	68.00	62.53	758,897	47,452,293
1997	6.5	34,997,073	68.00	61.55	514,663	31,678,181
1996	7.5	22,969,370	68.00	60.58	337,785	20,463,401
1995	8.5	23,472,789	68.00	59.62	345,188	20,580,017
1994	9.5	20,282,473	68.00	58.67	298,272	17,498,313
1993	10.5	21,585,148	68.00	57.72	317,429	18,322,428
1992	11.5	18,049,253	68.00	56. <b>79</b>	265,430	15,072,554
1991	12.5	22,721,638	68.00	55.86	334,142	18,665,016
1990	13.5	28,093,347	68.00	54.94	413,137	22,698,909
1989	14.5	29,677,171	68.00	54.04	436,429	23,582,955
1988	15.5	22,128,540	68.00	53.14	325,420	17,292,510
1987	16.5	20,469,997	68.00	52.25	301,029	15,729,437
1986	17.5	17,663,396	68.00	51.37	259,756	13,344,946
1985	18.5	16,147,762	68.00	50.51	237,467	11,993,869
1984	19.5	14,125,827	68.00	49.65	207,733	10,313,924
1983	20.5	11,109,271	68.00	48.80	163,372	7,972,797
1982	21.5	9,336,474	68.00	47.96	137,301	6,585,396
1981	22.5	10,599,973	68.00	47.13	155,882	7,347,264
1980	23.5	10,113,908	68.00	46.32	148,734	6,888,635
1979	24.5	6,909,005	68.00	45.51	101,603	4,623,676
1978	25.5	2,948,396	68.00	44.71	43,359	1,938,768
1977	26.5	5,116,587	68.00	43.94	75,244	3,305,850
1976	27.5	5,466,111	68.00	43.17	80,384	3,470,535
1975	28.5	10,240,608	68.00	42.43	150,597	6,389,847
1974	29.5	7,917,921	68.00	41.71	116,440	4,856,333
1973	30.5	8,567,510	68.00	41.00	125,993	5,165,995
1972	31.5	7,106,184	68.00	40.32	104,503	4,213,555
1971	32.5	6,128,174	68.00	39.66	90,120	3,574,039
1970	33.5	10,045,305	68.00	39.02	147,725	5,764,156
1969	34.5	3,782,580	68.00	38.40	55,626	2,136,169

### 366.6 - Underground Conduit, Duct System

### Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA: 68 L2

				3 Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	Investment	<u>Life</u>	<u>Life</u>	Weights	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	1,957,381	68.00	37.81	28,785	1,088,267
1967	36.5	2,543,464	68.00	37.23	37,404	1,392,675
1966	37.5	1,582,960	68.00	36.68	23,279	853,886
1965	38.5	1,530,208	68.00	36.15	22,503	813,489
1964	39.5	444,886	68.00	35.64	6,542	233,164
1963	40.5	406,152	68.00	35.15	5,973	209,935
1962	41.5	284,359	68.00	34.68	4,182	145,005
1961	42.5	314,035	68.00	34.22	4,618	158,048
1960	43.5	448,273	68.00	33.79	6,592	222,730
1959	44.5	461,939	68.00	33.37	6,793	226,680
1958	45.5	327,290	68.00	32.97	4,813	158,664
1957	46.5	463,608	68.00	32.58	6,818	222,109
1956	47.5	381,839	68.00	32.20	5,615	180,837
1955	48.5	456,427	68.00	31.84	6,712	213,749
1954	49.5	227,048	68.00	31.50	3,339	105,170
1953	50.5	472,957	68.00	31.16	6,955	216,745
1952	51.5	252,462	68.00	30.84	3,713	114,495
1951	52.5	341,826	68.00	30.53	5,027	153,445
1950	53.5	101,143	68.00	30.22	1,487	44,950
1949	54.5	1,020,582	68.00	29.93	15,009	449,137
1948	55.5	1,194,349	68.00	29.64	17,564	520,558
1947	56.5	15,962	68.00	29.36	235	6,891
1946	57.5	7,879	68.00	29.08	116	3,370
1945	58.5	0	68.00	28.82	0	0
1944	59.5	0	68.00	28.55	0	0
1943	60.5	0	68.00	28.30	0	0
1942	61.5	17,133	68.00	28.04	252	7,065
1941	62.5	213,993	68.00	27.79	3,147	87,456
		828,896,645			12,189,657	709,349,344
VERAGE S						68.00 58.19

AVERAGE REMAINING LIFE 58.19

366.7 - Underground Conduit, Direct Buried

# Observed Life Table Results Florida Power & Light Company

Account: 366.7 - Underground Conduit, Direct Buried

Account:				Cumulative	
Age	Exposures	Retirements	Ratio (%)	Ratio (%)	Survivors
DAND		1962 - 2003	(70)	114415 (75)	
BAND	38,896,685	30,941	0.0795	99.9205	1.0000
0.5	37,416,539		0.0194		
0.5	35,115,648		0.0405		
1.5		4,532	0.0403		
2.5	32,168,096	1,666		99.9943	
3.5	29,000,141				
4.5	26,941,343				
5.5	24,637,663		-0.0214		
6.5					
7.5					
8.5					
9.5					
10.5					
11.5					
12.5					
13.5					
14.5					
15.5					
16.5					
17.5					
18.5					
19.5					
20.5					
21.5	7,760,566				
22.5					
23.5					
24.5					
25.5					
26.5					
27.5					
28.5					
29.5					
30.5					
31.5					
32.5					
33.5					
34.5					
35.5					
36.5					
37.5					
38.5					
39.5		0			
40.5	5 0		0.0000	100.0000	0.8534

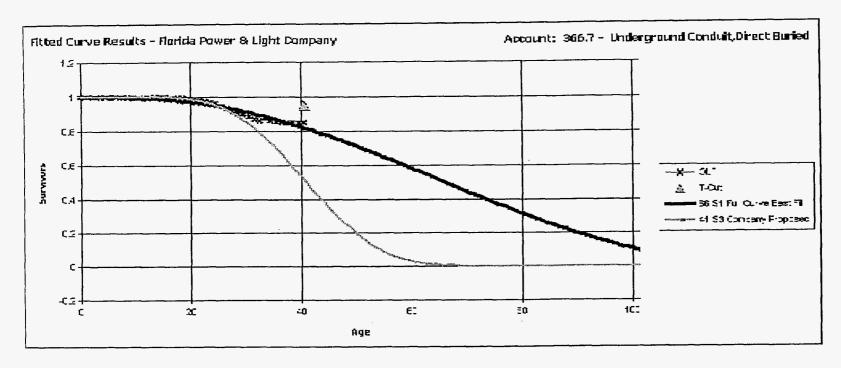
#### Best Fit Curve Results Florida Power & Light Company

Account: 366.7 - Underground Conduit, Direct Buried

Curve	Life	Sum of
Curve		Squared
		Differences
BAND	1962 - 2003	
S1	66.0	89.789
S1.5	60.0	99.142
L1.5	74.0	111.565
L2	65.0	118.131
R3	53.0	122.473
L1	85.0	131.197
S0.5	76.0	133.661
R2.5	58.0	140.894
S2	56.0	149.395
S0	89.0	179.429
R2	66.0	192.365
L0.5	100.0	
L3	55.0	
R4	47.0	292.175
R1.5	81.0	
R1	100.0	355.390
S3	50.0	356.221
L4	48.0	436.451
S-0.5	100.0	447.974
L0	100.0	640.571
R0.5	100.0	657.611
S4	46.0	787.420
R5	44.0	
L5	45.0	892.153
S5	44.0	
01	100.0	
S6	43.0	
O2	100.0	2,035.576
SQ	41.0	2,453.986
O3	100.0	
O4	100.0	14,226.810

#### **Analytical Parameters**

1962 - 2003
1962 - 2003
6
100
1
40.5



#### **Analytical Parameters**

OLT Placement Band: 1962 - 2003
OLT Experience Band: 1962 - 2003
Minimum Life Parameter: 6
Maximum Life Parameter: 100
Life Increment Parameter: 1
Max Age (T-Cut): 40.5

#### 366.7 - Underground Conduit, Direct Buried

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

66

**S1** 

BG/VG Average						
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	Investment	Life	Life	Weights	Weights
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
	` '					
2003	0.5	1,256,217	66.00	65.50	19,034	1,246,645
2002	1.5	2,188,659	66.00	64.50	33,162	2,138,878
2001	2.5	2,769,989	66.00	63.50	41,970	2,665,232
2000	3.5	2,812,600	66.00	62.51	42,615	2,664,067
1999	4.5	1,854,696	66.00	61.53	28,101	1,729,126
1998	5.5	1,969,284	66.00	60.56	29,838	1,806,868
1997	6.5	1,766,610	66.00	59.59	26,767	1,595,041
1996	7.5	1,018,812	66.00	58.63	15,437	905,105
1995	8.5	916,254	66.00	57.69	13,883	800,851
1994	9.5	957,321	66.00	56.75	14,505	823,184
1993	10.5	729,944	66.00	55.83	11,060	617,442
1992	11.5	628,887	66.00	54.92	9,529	523,273
1991	12.5	683,232	66.00	54.02	10,352	559,168
1990	13.5	1,178,877	66.00	53.13	17,862	948,965
1989	14.5	1,216,676	66.00	52.25	18,434	963,243
1988	15.5	993,768	66.00	51.39	15,057	773,788
1987	16.5	872,578	66.00	50.54	13,221	668,177
1986	17.5	1,008,477	66.00	49.70	15,280	759,461
1985	18.5	1,156,981	66.00	48.88	17,530	856,829
1984	19.5	1,342,058	66.00	48.07	20,334	977,397
1983	20.5	961,667	66.00	47.27	14,571	688,710
1982	21.5	495,894	66.00	46.48	7,514	349,234
1981	22.5	1,093,484	66.00	45.71	16,568	757,248
1980	23.5	1,504,400	66.00	44.94	22,794	1,024,450
1979	24.5	1,377,092	66.00	44.19	20,865	922,097
1978	25.5	643,181	66.00	43.46	9,745	423,482
1977	26.5	488,677	66.00	42.73	7,404	316,373
1976	27.5	374,716	66.00	42.01	5,678	238,537
1975	28.5	580,436	66.00	41.31	8,794	363,304
1974	29.5	567,837	66.00	40.62	8,604	349,463
1973	30.5	514,567	66.00	39.94	7,796	311,365
1972	31.5	119,821	66.00	39.27	1,815	71,286
1971	32.5	134,867	66.00	38.61	2,043	78,889
1970	33.5	86,236	66.00	37.96	1,307	49,594
1969	34.5	(217,831)	66.00	37.32	(3,300)	(123,160)

#### 366.7 - Underground Conduit, Direct Buried

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

66

**S1** 

				BG/VG	Average		
		;	Surviving	Service	Remaining	ASL	RL
Ye			<u>vestment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1	)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
196	sa :	35.5	79,867	66.00	36.69	1,210	44,394
196		36.5	56,949	66.00	36.07	863	31,120
196		37.5	41,991	66.00	35.45	636	22,557
196	-	38.5	125	66.00	34.85	2	66
196		39.5	0	66.00	34.26	0	0
196	33 4	40.5	(2,768)	66.00	33.68	(42)	(1,413)
196	62 4	41.5	0	66.00	33.10	O O	0
			36,223,129			548,835	29,940,335
AVERA	GE SER\	VICE LIFE					66.00
AVERA	GE REM	AINING L	FE				54.55

367.6 - Underground Conductors & Devices Duct System

(Y-MUM)\_\_\_\_tididx=3 105 of 203 Observed Life Table Results Florida Power & Light Company Account: 367.6 - Underground C

Part				xbosnues	aG ∣⊏
COOC	 nol (a/) ours	11 (0/ ) OUB)	41		
		<del></del>		<u> </u>	GIAA
6860.0         884.866         CABOATO         PROPRING         CASA CARDA	 8086.66	2610.0			
77660         1783.69         6087.0         608.69<		₽¥80.0			
PAGE	8248.66	0.1542			
2586.0	 	0.2413			
State	 				
277(90 0) FSG-89 8510.1   SG-895.6   SG-85-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-	 				
SCHOOO   OFEGGO   O	 				
66860         F786.86         8210.1         566.361.2         008.661.001.2         28.86         8210.1         566.361.2         008.661.601.2         2.6         6.6					
Company   Comp	 				B.T
Page	 	<del></del>			
8809.0   150.89   6749.1   86.985.3   36.545.2   3.51   3.88   3.				080,083,874	
8606.0   1580.89   6749.1   846,685.3   368,687,687   3.87	 	<del></del>			
8800.0         F38.89         887.79         F78.72         F88.70         F78.89         F78.72         F88.70         F78.72         F78.72<	 				3.11
2888.0         0887.79         8777.2         382,300,3         383,0         3837.79         4787.2         382,300,3         382,402.6         3.6         4878.2         3.6					12.5
\$45,88.0         0176,76         0620.2         \$25,476         \$67,72         367,620,8         \$68,212,677         \$68,382,6         \$68,212,677         \$68,382,6         \$68,212,677         \$68,382,6         \$68,312,677         \$68,412,677	 				3.51
8858.0         0176.79         0680.7         52,812,8         682,12,877         3.81           8858.0         0176.79         0620.2         428,412,8         362,469,131         3.81           8858.0         0176.79         0620.2         428,412,8         362,12,877         3.81           8858.0         0176.79         26,600.2         428,412,8         362,12,877         3.81           8858.0         0176.79         36,700.2         368,717,2         368,217,877         3.81           8858.0         0176.79         36,700.2         368,717,2	 				5.41
8828.0 0176.79 0920.2 428,801.2 382,72.7 279,710,801 3.57 1920.0 0839.79 0540.2 388,802.2 383,01.2 383,72.2 383					
0218.0 8836.79	 				
PAGE   O	 				
1977.0	 				
\$887.0         \$179.76         \$45.00         \$676.76         \$479.72         \$686.81,2         \$76,110,801         \$215,802           \$8847.0         \$179.76         \$626.2         \$686.72         \$686.72         \$686.76					
8887.0   Y789.79   Y789.79   Y789.79   Y789.79   Y789.79   Y789.79   Y789.79   Y789.79   Y789.70   Y789.79   Y789.70					
6857.0         8150.86         889.9.1         885.1         885.1.7         885.1         885.2         885.7         885.2			017 000		
10	 		00, 010		
\$207.0         \$708.749         \$207.2         \$708.724,1         \$458.740         \$2.42           \$2007.0         \$708.749         \$209.424,1         \$458.740         \$2.42         \$20.720,1         \$20.720,1         \$20.720,1         \$2.42	 		000 002 :		23.5
6289.0         0172.79         0924.2         488,784,1         162,624,50         6.25           6289.0         0172.79         0924.2         488,784,1         162,624,60         6.25           6289.0         1802.79         9194,52         488,784,1         162,624,60         6.25           6289.0         1802.79         9194,70         48,784,1         162,64,62         6.75         6.75           625.0         1802.79         1802.0         1802.	 		320 230 F		5.42
(888.0)         (888.0) <t< td=""><td> </td><td></td><td></td><td></td><td>25.5</td></t<>	 				25.5
0263.0         8676.36         2020.5         367,045.1         476,626,88         8.72           0263.0         8676.36         2020.5         367,045.1         476,462,4         476,626,88         8.72           0263.0         0088.36         0071.5         408,451.1         162,447,38         3.62           0263.0         0088.36         0071.5         408,451.1         162,447,38         3.62           0263.0         0089.3         240,148         862,360,92         3.62         3.62           0563.0         0276.6         1730.5         837,453         162,600,01         3.85           0563.0         0277.6         078.2         276,452         207,030,7         3.65           0563.0         0377.79         763,75         207,030,7         3.65         3.65           0563.0         0377.79         266,461         207,267,3         3.65         3.65           0563.0         0377.79         266,461         207,267,3         3.65         3.65           0575.0         1707.30         266,461         207,030,7         3.65         3.65           0575.0         266,461         266,461         266,461         266,461         3.65         3.65      <	 				2.92
\$256.0         0088.0         0071.5         \$408,451.1         \$162,447,365         \$2.82           \$257.0         0088.0         0071.5         \$408,451.1         \$162,447,365         \$2.62           \$257.0         2601.76         \$208.2         \$240,148         \$62,360,62         \$3.65           \$257.0         \$2601.79         \$268.2         \$240,148         \$62,360,62         \$3.65           \$257.0	 				27.5
6213.0         2601.76         2008.2         Sh0,1h8         625,600,62         3.05           6213.0         2601.76         2008.2         Sh0,1h8         625,600,62         3.05           6463.0         6246.96         1730.5         837,453         760,814,15         3.15           6463.0         625.0         6757.6         735.5         173,742         886,325,31         3.55           6463.0         6757.2         767.2         773,442         775,72         707,001         805,007,3         3.85           6574.0         7080.39         6916.5         723,442         767,001         805,006,2         3.85           6374.0         7080.39         6918.5         760,401         802,006,2         3.85           6374.0         7080.39         6918.5         760,403         3.65         3.85           6374.0         7080.39         6918.5         760,403         3.65         3.85           6374.0         7674.5         7675.5         760,403         3.65         3.75           6475.0         774.7         707,001         802,006,2         3.14           6574.0         7674.0         7674.0         7674.0         7674.0         7674.0 <t< td=""><td> </td><td></td><td></td><td></td><td>2.82</td></t<>	 				2.82
6462.0         6246.96         1730.8         837,423         760,814,15         8.08           6462.0         025.36         0378.8         1730.8         837,423         760,814,15         8.18           6463.0         0353.6         0378.8         173,742					2.9.5
A572.0         0826.36         0875.5         186,742         486,314,12         2.15           A572.0         0826.36         0875.5         186,742         888,322,31         3.25           A582.0         8787.36         7232.5         272,325         162,600,01         3.55           A582.0         4217.76         4385.2         305,215         806,827.7         3.45           A582.0         4817.76         488.2         305,215         806,827.7         3.45           A582.0         4817.76         488.2         473,152         201,030,7         3.85           A502.0         4817.76         482.5         473,152         201,030,7         3.85           A503.0         4817.3         482.5         473,152         201,030,7         3.85           A503.0         4817.76         482.5         473,152         300,030,7         3.85           A504.0         482.7         482.7         470,031         475,042,3         3.85           A504.0         482.7         475,031         475,047,3         475,047,3         475,047,3           A504.0         482.0         482.0         482,047,3         482,047,4         482,047,4         482,047,4         482,047,4	 				30.5
0788.0         £787.36         728.2.8         \$278.32.8         \$162.600,01         \$2.88           088.2.0         \$288.2	 				31.5
88E2.0         \$\text{A}\$\text{II.7}\text{FQ}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{B8.2}\text{C}\$         \$\text{A}\$\text{A}\$\text{IES}\$         \$\text{C}\$\text{A}\$\text{A}\$\text{A}\$\text{IES}\$         \$\text{A}\$\t	 <del></del>		<del></del>		32.5
5523.0         3817.39         \$\text{182.6}\$         \$\text{73,152}\$         \$\text{201,000,7}\$         \$\text{228.0}\$           3002.0         00781.79         0078.2         \$\text{630,461}\$         \$\text{501,667,9}\$         \$\text{3.50}\$           3002.0         00781.79         0078.2         \$\text{530,461}\$         \$\text{501,667,9}\$         \$\text{3.75}\$           3019.0         7107.39         \$\text{882.5}\$         \$\text{300,612}\$         \$\text{370,000,62}\$         \$\text{3.75}\$           302.0         \$\text{680.30}\$         \$\text{107,001}\$         \$\text{802,000,62}\$         \$\text{3.65}\$           302.0         \$\text{685.72}\$         \$\text{107,001}\$         \$\text{802,000,63}\$         \$\text{3.00}\$           302.0         \$\text{300,632,62}\$         \$\text{3.10}\$         \$\text{300,632,62}\$         \$\text{3.10}\$           300.6         \$\text{300,632,62}\$         \$\text{3.10}\$         \$\text{300,632,62}\$         \$\text{3.10}\$           300.0         \$\text{300,632,62}\$         \$\text{3.10}\$         \$\text{300,632,62}\$         \$\text{3.10}\$           300.0         \$\text{300,632,62}\$         \$\text{3.10}\$         \$\text{3.10}\$         \$\text{3.10}\$           300.0         \$\text{300,632,62}\$         \$\text{3.10}\$         \$\text{3.10}\$         \$\text{3.10}\$	 				3.55
3002.0         00£1.7Q         0078.2         £80,4Q1         £01,600,4         £3.6           9104.0         7107.3Q         £802.5         300,012         070,042,3         2.7E           527.0         1080.3Q         6010.5         753,442         375,042,3         3.8E           527.0         1080.3Q         6010.5         707,031         802,000,3         3.8E           527.0         685.7Q         175.7.2         707,031         802,000,3         3.0A           527.0         0741.7Q         0588.2         231,031         200,632,3         3.1A           527.0         0741.7Q         0588.2         231,031         200,632,3         3.1A           5154.0         0741.7Q         0588.2         231,031         200,632,3         3.1A           5154.0         0741.7Q         0741.7Q         075,031         200,632,3         3.1A           5154.0         075,031         075,031         075,031         075,031<			, 20 , 00		34.5
0104.0       7107.80       8802.8       800,812       070,024,0       6.36         0274.0       1080.80       8802.8       800,812       070,044,0       8.78         0274.0       1080.80       8019.8       753,442       870,042,0       8.88         0240.0       1080.80       8019.2       707,081       802,009,2       8.98         034.0       885.79       175.7       175.0       800,683,2       8.04         044.0       8870.70       8129.2       1751,241       236,736,4       8.54         045.0       8870.70       8129.2       1751,241       236,736,4       8.54         045.0       8870.70       8129.2       1751,241       236,736,4       8.54         046.0       1080.8       1751,241       236,736,4       8.54       8.54         047.0       1080.8       1751,241	 				3.35
6274.0     1080.39     9616.8     723,442     373,042,3     62,0       6374.0     1080.39     9616.8     723,442     373,042,3     3.88       638.0     6372.79     7527.2     707,031     802,000,2     3.98       634.0     688.3     688.151     683,673,3     3.04       625.0     688.3     688.3     688.3     688.3     688.3     688.3       604.0     688.3     688.					36.5
384.0     £372.76     7£27.2     707,031     802,004,2     £36       744.0     \$68.76     \$178.5     \$68,151     \$68,572,2     \$3.04       754.0     \$670.76     \$126.2     \$21,031     \$30,632,2     \$3.14       754.0     \$870.76     \$152.2     \$151,241     \$28,736,4     \$3.54       804.0     \$156.2     \$151,241     \$28,736,4     \$3.54       804.0     \$156.2     \$151,241     \$156,736,4     \$156,736,4       805.0     \$156.2     \$151,241     \$156,736,4     \$156,736,4       804.0     \$156.2     \$156.2     \$156.2     \$156.2       805.0     \$156.2     \$156.2     \$156.2     \$156.2       805.0     \$156.2     \$156.2     \$156.2     \$156.2       805.0     \$156.2     \$156.2     \$156.2     \$156.2       806.0     \$156.2     \$156.2     \$156.2     \$156.2       806.0     \$156.2     \$156.2     \$156.2     \$156.2       806.0     \$156.2     \$156.2     \$156.2     \$156.2       806.0     \$156.2     \$156.2     \$156.2     \$156.2       806.0     \$156.2     \$156.2     \$156.2     \$156.2       806.0     \$156.2     \$156.2     \$156.2     \$156.2 </td <td></td> <td>30700</td> <td></td> <td></td> <td></td>		30700			
thh.0     9850.79     1185.2     362,181     832,672,2     3.0h       1854.0     0741.79     0838.2     281,081     800,832,3     3.1h       1854.0     3870.79     3129.2     121,241     288,781,4     3.2h       1842,817,4     38,2817,4     3.8h	 			+	
EEP.0         OTAL: 76         0688.2         S21,021         200,685,2         3.14           154.0         3870.79         215,021         200,685,2         3.14           604.0         7688.8         6841.6         234,841         845,817,4         3.54	 				
124.0	 10-11-1	-			
604.0 \[ \tau \cdot \text{E88.89} \] \[ \text{E34.84} \] \[ \text{S24,841} \] \[ \text{845,817,4} \] \[ \text{6.54} \]	 			<u> </u>	
1701'01 1 10t7'011'th 1C'Ct	 		327 077		
868.0 0486.89 0808.8 888,341 0886,886,8					3.54

## Observed Life Table Results Florida Power & Light Company

Account: 367.6 - Underground Conductors & Devices Duct System

Account:						
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors	
45.5	3,340,754	123,037	3.6829	96.3171	0.3819	
46.5	2,798,349	134,500	4.8064	95.1936	0.3679	
47.5	2,147,959	113,408	5.2798	94.7202		
48.5	1,533,278	66,311	4.3248	95.6752		
49.5	1,071,607	47,504	4.4330	95.5670	0.3174	
50.5	763,112	49,218	6.4497	93.5503	0.3033	
51.5	423,119	34,442	8.1399	91.8601	0.2837	
52.5	194,308	22,486	11.5722	88.4278	0.2606	
53.5	25,665	3,441	13.4062	86.5938	0.2305	
54.5	205	205	100.0000	0.0000	0.1996	
55.5	0	0	0.0000	100.0000	0.0000	
56.5	-245	0	0.0000	100.0000	0.0000	
57.5	-245	0	0.0000	100.0000	0.0000	
58.5	-245	0	0.0000	100.0000	0.0000	
59.5	-245	0	0.0000	100.0000	0.0000	
60.5	-245	0	0.0000	100.0000	0.0000	
61.5	-245	0	0.0000	100.0000	0.0000	

#### **Best Fit Curve Results**

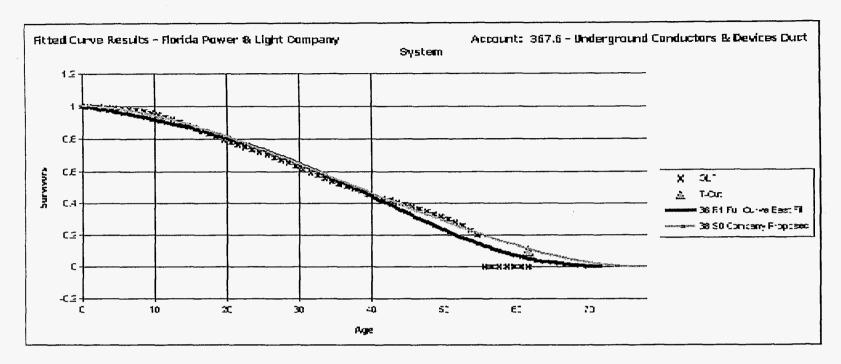
Florida Power & Light Company

Account: 367.6 - Underground Conductors & Devices Duct System

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
R1	36.0	1,335.076
S0	36.0	1,456.257
S0.5	37.0	1,592.002
R1.5	37.0	1,870.496
R0.5	36.0	2,019.970
S-0.5	36.0	2,211.799
L1	38.0	2,276.081
L1.5	38.0	2,338.561
S1	37.0	2,342.677
L0.5	38.0	2,896.434
L2	38.0	3,088.892
R2	38.0	3,230.155
S1.5	38.0	3,699.836
O1	35.0	3,801.121
L0	38.0	4,043.920
O2	39.0	5,069.947
R2.5	38.0	5,457.295
S2	38.0	5,633.469
L3	38.0	6,493.520
R3	39.0	8,484.992
O3	49.0	9,732.402
S3	39.0	10,711.928
O4	65.0	11,956.279
L4	39.0	13,149.204
R4	39.0	15,522.017
S4	` 39.0	18,792.721
L5	39.0	21,180.853
R5	39.0	L
S5	39.0	27,240.452
S6	38.0	34,704.586
SQ	37.0	49,437.627

#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	65
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 65
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

367.7 - Underground Conductors & Devices, Direct Buried

#### Observed Life Table Results Florida Power & Light Company

Account: 367.7 - Underground Conductors & Devices, Direct Buried

Account:	367.7 - Underground Conductors & Devices, Direct Buried				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	449,350,568	443,870	0.0988	99.9012	
0.5	431,212,535	1,023,330	0.2373		
1.5	410,598,302	649,510	0.1582		
2.5	389,738,907	420,475			
3.5	370,639,842				
4.5	357,922,030	458,120			
5.5	349,644,148				
6.5	340,050,254	870,531			
7.5	330,841,834	954,189			
8.5	323,517,403				
9.5	315,255,111	3,137,817			
10.5	306,203,621	3,458,019			
11.5	297,676,114				
12.5	288,990,103	3,448,167			
13.5	279,206,923	2,629,612			
14.5	271,288,325	2,643,267			
15.5	265,973,185	3,084,450	1.1597		
16.5	260,177,217				
17.5		2,317,906	0.9329	99.0671	
18.5		2,373,244	1.0504	98.9496	0.8898
19.5		2,737,011	1.3989	98.6011	0.8805
20.5		2,246,665	1.3118	98.6882	
21.5	157,851,680	2,158,426	1.3674	98.6326	0.8568
22.5		1,788,040	1.3411	98.6589	0.8450
23.5		1,704,048	1.6828	98.3172	
24.5			2.3286	97.6714	0.8197
25.5		1,412,686	2.4129	97.5871	0.8006
26.5			2.9974	97.0026	0.7813
27.5		942,409	2.3843	97.6157	0.7579
28.5	28,394,985	557,394	1.9630	98.0370	0.7398
29.5	20,457,930	533,153	2.6061	97.3939	
30.5	13,037,863	334,096	2.5625	97.4375	
31.5	10,932,742	227,390	2.0799	97.9201	
32.5	8,465,800	169,301			
33.5	3,964,035	152,710	3.8524	96.1476	0.6605
34.5			3.4006	96.5994	0.6350
35.5			2.6611	97.3389	0.6134
36.5		53,452	2.4127	97.5873	0.5971
37.5				96.5710	0.5827
38.5				97.2287	0.5627
39.5					
40.5					
41.5					
42.5					
43.5					
44.5					

## **Observed Life Table Results**

Florida Power & Light Company

Account: 367.7 - Underground Conductors & Devices, Direct Buried

Account: 367.7 - Underground Conductors & Devices, Direct Burieu					
Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	2,767	108	3.8861	96.1139	0.4535
46.5		297	10.7669	89.2331	0.4359
47.5		2,836	115.1472	-15.1472	0.3890
48.5		1,172	32.6525	67.3475	-0.0589
49.5		755	31.2421	68.7579	-0.0397
50.5	1,663	0	0.0000	100.0000	-0.0273
51.5	1,663	0	0.0000	100.0000	
52.5	1,663	0	0.0000	100.0000	-0.0273
53.5	1,663	755	45.4367	54.5633	-0.0273
54.5	907	0	0.0000	100.0000	
55.5	907	108	11.8962	88.1038	
56.5	799	0	0.0000	100.0000	
57.5	799	0	0.0000	100.0000	
58.5	799	0	0.0000	100.0000	
59.5	799	0	0.0000	100.0000	-0.0131
60.5	799	123	15.3342	84.6658	-0.0131
61.5	677	11	1.6625	98.3375	-0.0111

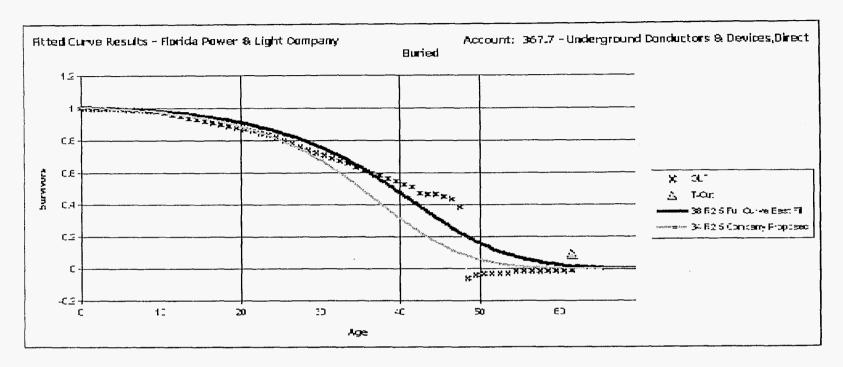
#### Best Fit Curve Results Florida Power & Light Company

Account: 367.7 - Underground Conductors & Devices, Direct Buried

Curve	Life	Sum of
04110		Squared
		Differences
BAND	1941 - 2003	
R2.5	38.0	3,944.035
R2	37.0	4,250.221
R3	39.0	4,278.401
S2	38.0	4,985.411
S1.5	38.0	5,269.690
R1.5	36.0	5,555.718
S3	39.0	5,857.502
S1	37.0	6,001.702
R4	40.0	
L3	39.0	7,226.403
S0.5	37.0	7,346.437
R1	36.0	7,473.976
L4	40.0	8,001.814
L2	39.0	8,455.633
S4	40.0	9,127.262
S0	36.0	9,128.478
L1.5	38.0	9,618.179
R0.5	35.0	11,017.147
L1	38.0	
L5	41.0	11,565.107
R5	41.0	11,996.169
S-0.5	35.0	12,046.605
L0.5	38.0	13,616.611
S5	41.0	14,140.554
01	34.0	15,684.969
L0	38.0	16,314.813
O2	39.0	
S6	42.0	<del></del>
O3	50.0	<del></del>
O4	65.0	
SQ	42.0	35,807.229

#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	65
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### **Analytical Parameters**

OLT Placement Band: 1:	941 - 2003
o =	
OLT Experience Band: 19	941 - 2003
Minimum Life Parameter:	4
Maximum Life Parameter:	65
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

368 - Line Transformers

(Y-MUM)\_\_\_idinx= 115 of 203

Observed Life Table Results Florida Power & Light Company Account: 368 - Line Transformers

Sumulative	Survivor	Retirement		868 - Line Trans Exposures	
Survivors	Ratio (%)		1		- 0-
			1941 - 2003	·	DNAS
0000.1	7996.66	EEE0.0	541,254	E16,783,323,1	(0
<b>∠666</b> '0	1216.66	6780.0	069,198,1	221,774,648,1	3.0
8866.0	8268.66	S701.0	391,772,1	128,059,174,1	6.1
<b>ረ</b> ሂ 66 <sup>.</sup> 0	2168.66	8801.0	097,818,1	904,327,595,1	2.5
9966.0	Z9£8.66	8891.0	2,165,793	1,322,055,351	3.5
0966.0	99.7396	<b>₽</b> 09Z:0	507,845,5	374,799,342,1	G.4
<b>₽</b> 266.0	0089.66	0.3200	134,637,6	212,826,871,1	3.8
2686.0	7762.66	6 <u>2</u> 04.0	££6,102,4	712,886,811,1	5.8
£286.0	7134.99	6843.0	171,888, <del>2</del>	511,828,630,1	B. T
6676.0	₽795.99	9289.0	Z£8,464,8	1,021,912,922	<b>2.8</b>
7876.0	5972.66	7027.0	787,0 <u>2</u> 0,7	904,411,476	5.6
9996.0	1502.66	6967.0	791,85 <u>4,</u> 7	047,841,889	Z.01
	99 <del>1</del> 0 <sup>-</sup> 66	<del>1</del> €26.0	433,19 <u>2,8</u>	414,S17,eas	3.11
8646.0	5536.86	7440.1	111,864,8	242,412,708	12.5
6626.0	7787.86	1.2123	412,288,8	732,658,705	3.51
3826.0	2049.86	8638.1	866,726,8	658,754,553	3.4r
	7046.86	1.6593	009'498'6	899'669'769	3.31
		1,7783	9,526,295	978,669,353	3.81
		7631.2	691,40£,01	618,211,774	Z.Tr
		3.1354	13,314,391	696'ヤヤ9'ヤፘヤ	3.81
		7896.£	14,292,963	861,841,088	S.61
		0168.4	704,790,31	312,508,329	2.02
		4.2652	981,799,11	73,542,557	3.1S
	9691.36	4.8305	11,120,643	230,219,383	22.5
1869.0	93.5626	47E4.8	12,451,023	193,415,529	23.5
	9689.46	3098.3	ZZ4,609,8	962,806,031	24.5
2819.0	7741.46	5.8523	994,081,8	139,780,922	25.5
		5.9207	826,936,7	245,892,421	26.5
		637£.8	844,462,7	277,464,811	3.72
		8191.9	421,875,8	952,658,101	28.5
		9294.9	916,069,8	122,051,78	29.5
		t160.8	391,217,4	140,735,77	30.5
			486,184,4	135,524,73	3.15
<b>446</b> E.0	93.6335		3,752,149	976,356,83	32.5
5695.0	93.1925		719,886,6	998,777,64	3.55
2442	93.2370	0£97.9	2,893,589	0£9,₹85,630	3.45
	9810.29	4186.T			35.5
		7.7433		300 072 00	3.95
₽Z7Z.0	92.9830	0710.T			3.75
0.2533	92.8460	7,1540			38.5
2352.0	PSE3.59	9 <b>7</b> 9 <b>4</b> .9			39.6
0.22.00	92.6200	0086.7	980,862,1	<del></del>	S.04
7502.0	1375.19	8.6249	1,313,501	15,229,113	g.1 <u>4</u>
		8646.8	1,082,929	12,978,807	42.5
			362,708	000,740,11	43.5
2821.0	2079.68	10.3298	908'9†6	192,891,6	g.44.5
			<del></del>		

Observed Life Table Results
Florida Power & Light Company
Account: 368 - Line Transformers

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors_
45.5	7,397,421	760,528	10.2810	89.7190	0.1418
46.5	5,475,803	329,802	6.0229	93.9771	0.1272
47.5	4,374,935	196,937	4.5015	95.4985	0.1196
48.5	3,797,113	116,873	3.0779	96.9221	0.1142
49.5		97,894	3.1152	96.8848	0.1107
50.5	2,590,592	193,979	7.4878	92.5122	0.1072
51.5	1,847,383	133,152	7.2076	92.7924	0.0992
52.5	1,502,067	131,750	8.7713	91.2287	0.0921
53.5	1,183,049	281,632	23.8056		0.0840
54.5	806,395	28,573	3.5433	96.4567	0.0640
55.5	476,254	21,360	4.4851	95.5149	0.0617
56.5	351,649	16,485	4.6880	95.3120	0.0590
57.5	247,845	17,013	6.8645	93.1355	0.0562
58.5	216,445	3,090	1.4276	98.5724	0.0523
59.5		8,089	3.8342	96.1658	
60.5	201,754	3,444	1.7071	98.2929	1
61.5	197,662	11,546	5.8412	94.1588	0.0488

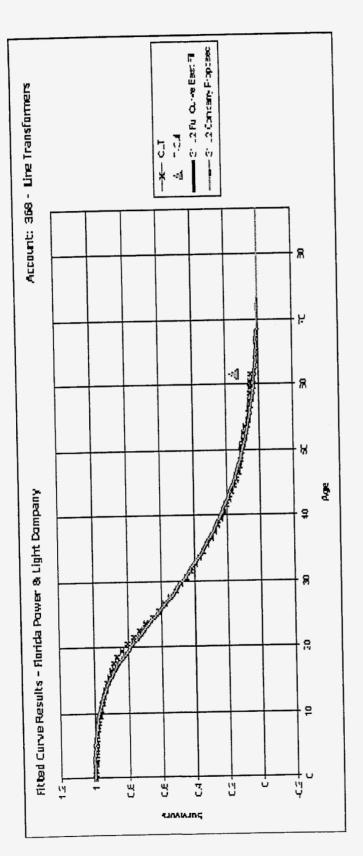
**Best Fit Curve Results** 

Florida Power & Light Company Account: 368 - Line Transformers

Curve	Life	Sum of
oui ve		Squared
		Differences
BAND	1941 - 2003	Differences
	31.0	121.804
L2 L1.5	31.0	625.582
	30.0	829.806
S1 S0.5	30.0	991.975
L3	31.0	1,012.240
S1.5	30.0	1,082.762
R1.5	30.0	1,462.645
R2	30.0	1,710.074
S0	30.0	1,726.152
L1	31.0	1,746.822
S2	31.0	
R1	30.0	
R2.5	30.0	2,421.214
L0.5	31.0	
R0.5	29.0	3,252.696
S-0.5	30.0	
R3	30.0	
S3	30.0	
L0	31.0	5,046.946
L4	30.0	5,073.414
01	29.0	5,650.411
O2	31.0	6,715.095
R4	30.0	7,293.788
S4	30.0	8,615.335
L5	30.0	9,873.603
R5	30.0	12,409.750
S5	30.0	13,686.764
O3	38.0	13,732.229
04	49.0	17,653.317
S6	30.0	18,684.433
SQ	29.0	29,508.935

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 3
Maximum Life Parameter: 54
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



Analytical Parameters	
OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	က
Maximum Life Parameter:	54
Life Increment Parameter:	Ψ-
Max Age (T-Cut):	61.5

369.1 - Services, Overhead

Observed Life Table Results
Florida Power & Light Company
Account: 369 1 - Services Overhea

Account: Age	369.1 - Service Exposures	Retirements	Retirement	Survivor	Cumulative
	•		Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	134,803,655	101,778	0.0755	99.9245	1.0000
0.5	126,931,186	117,088	0.0922	99.9078	0.9992
1.5	120,663,175	511,799		99.5758	0.9983
2.5	115,600,450	767,077	0.6636	99.3364	0.9941
3.5	110,188,610	803,339	0.7291	99.2709	0.9875
4.5	105,156,078	729,639	0.6939	99.3061	0.9803
5.5	100,444,441	795,703	0.7922	99.2078	0.9735
6.5	95,639,213	822,396	0.8599		0.9658
7.5	90,782,886	715,466		99.2119	
8.5	85,801,933	716,421			
9.5	80,139,959	742,027	0.9259		0.9420
10.5	74,936,115	674,812	0.9005	99.0995	
11.5	70,166,951	672,152	0.9579	99.0421	0.9249
12.5	64,464,010	654,252	1.0149	98.9851	0.9160
13.5	58,396,823	616,227	1.0552	98.9448	0.9067
14.5	53,868,109	656,276	1.2183	98.7817	
15.5	49,717,342	620,130	1.2473	98.7527	0.8862
16.5	45,661,068	607,748	1.3310	98.6690	0.8752
17.5	41,869,498	587,878	1.4041	98.5959	0.8635
18.5	37,979,721	568,839	1.4977	98.5023	0.8514
19.5	34,392,233	566,072	1.6459	98.3541	0.8386
20.5	31,386,672	548,982	1.7491	98.2509	0.8248
21.5	29,654,986	520,363	1.7547	98.2453	0.8104
22.5	27,406,216	494,529	1.8044	98.1956	0.7962
23.5	24,832,441	456,436	1.8381		
24.5	22,582,753	438,192			1
25.5	21,738,190	386,081	1.7761	98.2239	0.7526
26.5	20,914,660	351,452			
27.5	20,354,803	362,370			
28.5	19,802,207	438,305	2.2134		
29.5	19,040,652				
30.5	18,154,933			<del></del>	
31.5	17,136,708			98.0449	
32.5					
33.5					
34.5		<del></del>			
35.5				<del></del>	
36.5	12,902,609				
37.5				<del></del>	<del></del>
38.5					<del></del>
39.5	10,368,319			<del></del>	<del>+</del>
40.5	9,537,118				
41.5	8,849,076	171,259			
42.5	8,298,565	156,716			<del></del>
43.5	7,506,634	151,629			
44.5	6,664,530	131,973	1.9802	98.0198	0.5184

**Observed Life Table Results** Florida Power & Light Company

127,306

61.5

369.1 - Services, Overhead Account: Retirement Survivor Cumulative Retirements Exposures Age Ratio (%) Survivors Ratio (%) 97.9896 0.5082 115,750 2.0104 5,757,445 45.5 0.4979 2.1394 97.8606 4,879,954 104,400 46.5 0.4873 75,879 1.8516 98.1484 47.5 4,098,016 0.4783 1.8607 98.1393 62,992 48.5 3,385,340 0.4694 1.8531 98.1469 52,534 49.5 2,834,906 43,253 1.8703 98.1297 0.4607 2,312,650 50.5 98.0424 0.4521 1.9576 34,465 1,760,549 51.5 0.4432 28,415 2.1114 97.8886 1,345,796 52.5 18,959 2.0324 97.9676 0.4339 53.5 932,842 0.4250 1.9061 98.0939 54.5 544,191 10,373 0.4169 376,324 6,614 1.7576 98.2424 55.5 0.4096 1.2843 98.7157 251,196 3,226 56.5 98.2361 0.4043 203,153 3,583 1.7639 57.5 97.7809 0.3972 4,061 2.2191 58.5 182,999 0.3884 97.4589 4,435 2.5411 174,547 59.5 0.3785 7,378 4.5822 95.4178 161,019 60.5 96.2475 0.3612 4,777 3.7525

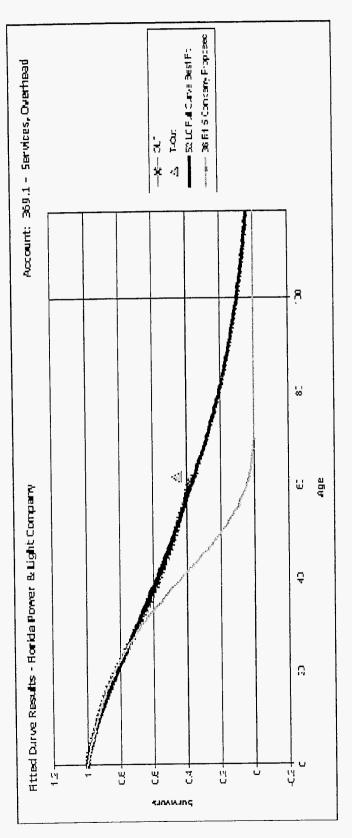
Best Fit Curve Results
Florida Power & Light Company
Account: 369.1 - Services, Overhead

	Life	Sum of
Curve	Lite	
		Squared Differences
	1011 0000	Differences
BAND	1941 - 2003	
LO	52.0	68.396
S-0.5	47.0	231.832
L0.5	50.0	236.892
02	54.0	397.865
01	48.0	398.174
R0.5	47.0	399.326
L1	49.0	
S0	47.0	
R1	46.0	
O3	65.0	1,353.443
S0.5	47.0	2,042.286
L1.5	48.0	2,199.353
R1.5	46.0	2,705.890
S1	47.0	3,768.198
L2	48.0	4,218.448
R2	46.0	4,979.667
S1.5	47.0	6,006.361
R2.5	47.0	8,082.438
04	65.0	8,501.824
S2	47.0	8,776.966
L3	47.0	
R3	47.0	11,908.894
S3	47.0	
L4	47.0	18,849.293
R4	48.0	20,426.442
S4	48.0	25,112.909
L5	48.0	<del></del>
R5	49.0	
S5	49.0	
S6	48.0	
SQ	46.0	<del></del>

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 3
Maximum Life Parameter: 65
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

y



Analytical Parameters	
OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	e)
Maximum Life Parameter:	99
Life Increment Parameter:	_
Max Age (T-Cut):	61.5

#### 369.1 - Services, Overhead

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

52

L0

			BG/V	Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
0000	0.5	7 750 200	E0.00	E4 E4	140.045	7 000 004
2003	0.5	7,750,329	52.00	51.54	149,045	7,682,061
2002	1.5	6,589,319	52.00	50.75	126,718	6,430,529
2001	2.5	4,903,748	52.00 52.00	50.02	94,303	4,716,607
2000	3.5	4,902,613		49.33	94,281	4,650,804
1999	4.5	4,247,913	52.00	48.68	81,691	3,976,568
1998	5.5	3,980,568	52.00	48.06	76,549	3,678,748
1997	6.5	4,025,220	52.00	47.46	77,408	3,673,893
1996	7.5	4,036,442	52.00	46.89	77,624	3,639,614
1995	8.5	4,278,222	52.00	46.33	82,274	3,812,060
1994	9.5	4,943,207	52.00	45.80	95,062	4,353,639
1993	10.5	4,507,131	52.00	45.28	86,676	3,924,519
1992	11.5	4,092,706	52.00	44.77	78,706	3,523,918
1991	12.5	5,044,251	52.00	44.28	97,005	4,295,552
1990	13.5	5,416,104	52.00	43.80	104,156	4,562,351
1989	14.5	5,172,982	52.00	43.34	99,480	4,311,094
1988	15.5	4,581,303	52.00	42.88	88,102	3,777,803
1987	16.5	4,358,704	52.00	42.43	83,821	3,556,842
1986	17.5	4,048,097	52.00	42.00	77,848	3,269,364
1985	18.5	4,252,028	52.00	41.57	81,770	3,399,048
1984	19.5	3,999,929	52.00	41.15	76,922	3,165,199
1983	20.5	3,444,111	52.00	40.74	66,233	2,698,034
1982	21.5	2,138,697	52.00	40.33	41,129	1,658,709
1981	22.5	2,748,030	52.00	39.93	52,847	2,110,173
1980	23.5	3,208,814	52.00	39.54	61,708	2,439,699
1979	24.5	3,102,653	52.00	39.15	59,666	2,335,788
1978	25.5	1,757,172	52.00	38.76	33,792	1,309,878
1977	26.5	1,698,278	52.00	38.38	32,659	1,253,558
1976	27.5	1,410,969	52.00	38.01	27,134	1,031,270
1975	28.5	1,186,259	52.00	37.63	22,813	858,526
1974	29.5	1,291,842	52.00	37.26	24,843	925,769
1973	30.5	1,528,671	52.00	36.90	29,398	1,084,743
1972	31.5	1,553,678	52.00	36.54	29,878	1,091,675
1971	32.5	1,239,113	52.00	36.18	23,829	862,109
1970	33.5	1,256,111	52.00	35.82	24,156	865,364
1969	34.5	1,022,555	52.00	35.47	19,665	697,551
		. ,			• •	

#### 369.1 - Services, Overhead

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

52

L0

			BG/VG	Average		
		Surviving	Service	Remaining	ASL	RL.
<u>Year</u>	<u>Age</u>	Investment	Life	Life	<u>Weights</u>	Weights
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
( )	` ,	, ,				
1968	35.5	975,889	52.00	35.12	18,767	659,186
1967	36.5	806,255	52.00	34.78	15,505	539,260
1966	37.5	663,973	52.00	34.44	12,769	439,737
1965	38.5	617,956	52.00	34.10	11,884	405,244
1964	39.5	659,223	52.00	33.77	12,677	428,062
1963	40.5	671,489	52.00	33.43	12,913	431,745
1962	41.5	677,910	52.00	33.11	13,037	431,592
1961	42.5	624,530	52.00	32.78	12,010	393,701
1960	43.5	635,224	52.00	32.46	12,216	396,506
1959	44.5	690,848	52.00	32.14	13,286	426,986
1958	45.5	775,221	52.00	31.82	14,908	474,420
1957	46.5	771,754	52.00	31.51	14,841	467,650
1956	47.5	685,147	52.00	31.20	13,176	411,083
1955	48.5	636,798	52.00	30.89	12,246	378,310
1954	49.5	487,443	52.00	30.59	9,374	286,727
1953	50.5	469,796	52.00	30.29	9,035	273,622
1952	51.5	508,848	52.00	29.99	9,786	293,443
1951	52.5	380,288	52.00	29.69	7,313	217,139
1950	53.5	384,604	52.00	29.40	7,396	217,433
1949	54.5	370,035	52.00	29.11	7,116	207,127
1948	55.5	157,494	52.00	28.82	3,029	87,285
1947	56.5	118,513	52.00	28.53	2,279	65,030
1946	57.5	44,817	52.00	28.25	862	24,348
1945	58.5	16,571	52.00	27.97	319	8,913
1944	59.5	4,391	52.00	27.69	84	2,338
1943	60.5	9,092	52.00	27.42	175	4,794
1942	61.5	26,335	52.00	27.14	506	13,747
1941	62.5	122,529	52.00	26.87	2,356	63,323
	*	· ,			_,	,
		136,710,742			2,629,053	113,671,811
AVERAGE S	ERVICE L	IFE				52.00
AVERAGE R						43.24

369.7 - Services, Underground

#### **Observed Life Table Results** Florida Power & Light Company

Account: Age	369.7 - Service Exposures	Retirements	Retirement	Survivor	Cumulative
	-		Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	534,407,135	52,154	0.0098	99.9902	1.0000
0.5	508,402,988	216,304	0.0425	99.9575	0.9999
1.5	477,078,675	999,997	0.2096	99.7904	0.9995
2.5	448,561,686	1,281,369	0.2857	99.7143	0.9974
3.5	417,382,190	1,391,434	0.3334	99.6666	0.9945
4.5	393,598,452	1,464,228	0.3720	99.6280	0.9912
5.5	371,072,219	1,720,238	0.4636	99.5364	0.9875
6.5	348,288,395	2,404,497	0.6904	99.3096	
7.5	323,730,766	2,184,254	0.6747	99.3253	
8.5	299,163,821	2,090,412	0.6988	99.3012	
9.5	275,531,131	2,511,841	0.9116	99.0884	0.9628
10.5	254,371,372	1,809,673	0.7114	99.2886	0.9540
11.5	236,422,860	1,371,912		99.4197	
12.5	218,352,947	720,663	0.3300	99.6700	
13.5	197,430,363	801,774	0.4061	99.5939	0.9386
14.5	173,600,759	697,173	0.4016	99.5984	<del> </del>
15.5	154,285,226	752,611	0.4878	99.5122	0.9311
16.5	138,737,932	516,751	0.3725	99.6275	0.9265
17.5	125,629,878	246,311	0.1961	99.8039	0.9231
18.5	112,560,669	273,992	0.2434	99.7566	0.9213
19.5	97,649,414	245,201	0.2511	99.7489	0.9190
20.5	85,784,462	221,251	0.2579	99.7421	0.9167
21.5	79,865,300	169,559	0.2123	99.7877	0.9144
22.5	68,643,275	120,052	0.1749	99.8251	0.9124
23.5	49,940,311	81,182			
24.5	35,244,116	64,101	0.1819	99.8181	0.9093
25.5	28,390,846	70,900	0.2497	99.7503	0.9077
26.5	23,828,697	51,199		99.7851	0.9054
27.5	20,353,790	32,625	0.1603	99.8397	0.9035
28.5	16,628,044	21,889	0.1316	99.8684	0.9020
29.5	12,627,247				
30.5	8,337,022			99.8738	
31.5					
32.5			0.1578	99.8422	
33.5					
34.5	1,820,548		0.1020		
35.5	1,046,645		0.0645		0.8934
36.5	641,422	576	0.0897		<del></del>
37.5			0.0000	100.0000	<del>                                     </del>
38.5			0.0000	<del></del>	····
39.5			0.0000	100.0000	
40.5	442,558		0.0102	99.9898	
41.5	263,894		0.0000	100.0000	
42.5			0.0000	100.0000	
43.5				<del> </del>	<del> </del>
44.5	18,213	0	0.0000	100.0000	0.8919

# Observed Life Table Results Florida Power & Light Company

Account: 369.7 - Services, Underground

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45. <u>5</u>	18,105	0	0.0000	100.0000	0.8919
46.5	8,092	0	0.0000	100.0000	0.8919
47.5	483	0	0.0000	100.0000	0.8919
48.5	483	0	0.0000	100.0000	0.8919
49.5	483	0	0.0000	100.0000	0.8919
50.5	409	0	0.0000	100.0000	0.8919
51.5	409	0	0.0000	100.0000	0.8919
52.5	409	0	0.0000	100.0000	0.8919
53.5	343	0	0.0000	100.0000	0.8919
54.5	0	0	0.0000	100.0000	0.8919
55.5	0	0	0.0000	100.0000	0.8919
56.5	0	0	0.0000	100.0000	0.8919
57.5	0	0	0.0000	100.0000	0.8919
58.5	0	0	0.0000	100.0000	0.8919
59.5	0	0	0.0000	100.0000	0.8919
60.5	0	0	0.0000	100.0000	0.8919
61.5	0	0	0.0000	100.0000	0.8919

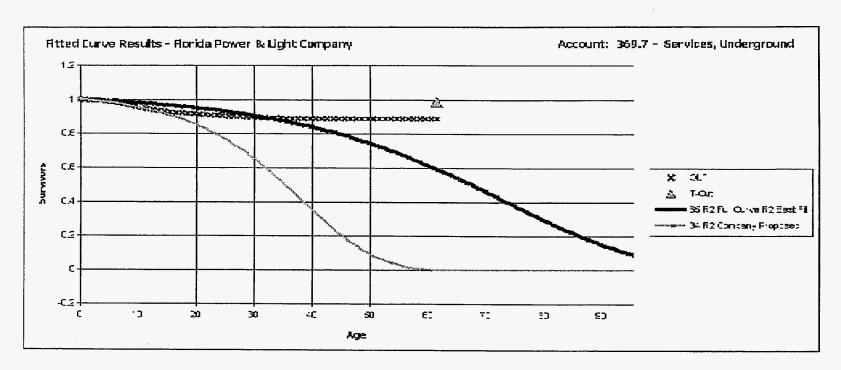
#### Best Fit Curve Results Florida Power & Light Company

Account: 369.7 - Services, Underground

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
R5	65.0	4,265.087
R4	65.0	4,269.747
S6	65.0	4,485.212
S5	65.0	4,719.028
SQ	62.0	5,010.141
L5	65.0	5,103.930
R3	65.0	5,138.620
S4	65.0	5,486.629
R2.5	65.0	6,008.870
L4	65.0	6,531.298
S3	65.0	6,844.690
R2	65.0	7,505.766
S2	65.0	8,558.742
R1.5	65.0	9,490.953
S1.5	65.0	9,610.579
L3	65.0	11,083.325
S1	65.0	11,207.438
R1	65.0	12,247.579
S0.5	65.0	12,869.174
S0	65.0	15,150.086
L2	65.0	15,617.386
R0.5	65.0	16,745.177
L1.5	65.0	17,449.778
S-0.5	65.0	18,249.902
L1	65.0	20,145.204
01	65.0	22,384.987
L0.5	65.0	23,216.900
LO	65.0	
02	65.0	31,089.278
O3	65.0	
O4	65.0	89,285.856

#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	3
Maximum Life Parameter:	65
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	3
Maximum Life Parameter:	65
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

369.7 - Services, Underground

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

65

R2

			S Average			
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<b>Weights</b>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
2002	0.5	20 440 227	65.00	04.55	440.450	00.045.077
2003	0.5	29,149,237	65.00	64.55	448,450	28,945,277
2002	1.5	31,967,398	65.00	63.64	491,806	31,299,669
2001	2.5	27,285,551	65.00	62.74	419,778	26,338,157
2000	3.5	28,475,961	65.00	61.85	438,092	27,095,115
1999	4.5	21,653,197	65.00	60.96	333,126	. 20,306,279
1998	5.5 6.5	20,300,067	65.00	60.07	312,309	18,760,378
1997	6.5	20,689,416	65.00	59.19	318,299	18,839,113
1996	7.5	22,017,159	65.00	58.31	338,726	19,750,666
1995	8.5	22,326,524	65.00	57.43	343,485	19,727,871
1994	9.5	21,536,676	65.00	56.57	331,333	18,741,909
1993	10.5	18,687,392	65.00	55.70	287,498	16,013,637
1992	11.5	16,142,611	65.00	54.84	248,348	13,619,300
1991	12.5	16,698,474	65.00	53.98	256,900	13,868,450
1990	13.5	20,203,408	65.00	53.13	310,822	16,514,912
1989	14.5	21,770,471	65.00	52.29	334,930	17,512,561
1988	15.5	17,531,901	65.00	51.45	269,722	13,876,105
1987	16.5	13,871,918	65.00	50.61	213,414	10,800,949
1986	17.5	11,726,277	65.00	49.78	180,404	8,980,387
1985	18.5	11,902,524	65.00	48.95	183,116	8,964,248
1984	19.5	13,655,567	65.00	48.13	210,086	10,112,126
1983	20.5	10,617,705	65.00	47.32	163,349	7,729,511
1982	21.5	4,742,236	65.00	46.51	72,957	3,393,197
1981	22.5	10,037,139	65.00	45.71	154,418	7,057,769
1980	23.5	17,453,341	65.00	44.91	268,513	12,058,218
1979	24.5	13,305,799	65.00	44.12	204,705	9,030,567
1978	25.5	5,438,440	65.00	43.33	83,668	3,625,218
1977	26.5	3,230,460	65.00	42.55	49,699	2,114,597
1976	27.5	2,220,702	65.00	41.77	34,165	1,427,164
1975	28.5	2,697,107	65.00	41.00	41,494	1,701,432
1974	29.5	3,010,329	65.00	40.24	46,313	1,863,722
1973	30.5	3,254,403	65.00	39.49	50,068	1,976,954
1972	31.5	1,694,529	65.00	38.74	26,070	1,009,837
1971	32.5	754,520	65.00	37.99	11,608	441,014
1970	33.5	729,617	65.00	37.26	11,225	418,193
1969	34.5	268,203	65.00	36.53	4,126	150,711

#### 369.7 - Services, Underground

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

65

R2

			BG/V			
Year (1)	<u>Age</u> (2)	Surviving Investment (3)	Service <u>Life</u> (4)	Remaining Life (5)	ASL <u>Weights</u> (6)=(3)/(4)	RL <u>Weights</u> (7)=(6)*(5)
1968 1967 1966	35.5 36.5 37.5	475,947 248,283 41,457	65.00 65.00 65.00	35.80 35.09 34.38	7,322 3,820 638	262,154 134,018 21,925
		487,811,942			7,504,799	414,483,308
AVERAGE S						65.00 55.23

370 - Meters

#### **Observed Life Table Results** Florida Power & Light Company

Account:	70 - Meters						
Age	Exposures	Retirements	Retirement	Survivor	Cumulative		
			Ratio (%)	Ratio (%)	Survivors		
BAND		1941 - 2003					
0	453,086,261	339,855	0.0750	99.9250	1.0000		
0.5	431,833,469		0.0247	99.9753	0.9992		
1.5	412,549,113	1,781	0.0004	99.9996	0.9990		
2.5	397,154,490	30,134	0.0076	99.9924	0.9990		
3.5	383,328,923	89,466	0.0233	99.9767	0.9989		
4.5	371,993,681	93,594	0.0252	99.9748	0.9987		
5.5	360,652,338	515,766	0.1430	99.8570	0.9984		
6.5	351,522,170	448,095	0.1275	99.8725	0.9970		
7.5	343,105,648	1,172,178	0.3416	99.6584	0.9957		
8.5	332,380,678	1,108,260	0.3334	99.6666	0.9923		
9.5	318,550,910	1,077,871	0.3384	99.6616	0.9890		
10.5	307,570,790	2,695,967	0.8765	99.1235	0.9857		
11.5	291,895,695	1,569,239	0.5376	99.4624	0.9770		
12.5	282,975,956	1,278,432	0.4518	99.5482	0.9718		
13.5	269,248,072	1,844,000	0.6849	99.3151	0.9674		
14.5	254,620,218	1,496,864	0.5879	99.4121	0.9608		
15.5	236,094,956	1,755,417	0.7435	99.2565	0.9551		
16.5	217,045,338	2,310,347	1.0645	98.9355	0.9480		
17.5	196,956,639	2,642,243	1.3415	98.6585	0.9379		
18.5	179,244,230	3,064,629	1.7098	98.2902	0.9254		
19.5	162,610,766	2,690,002	1.6543	98.3457	0.9095		
20.5	148,393,732	3,105,677	2.0929	97.9071	0.8945		
21.5	137,608,412	2,150,264	1.5626	98.4374	0.8758		
22.5	124,661,980	2,129,841	1.7085	98.2915	0.8621		
23.5	109,376,741	3,004,884	2.7473	97.2527	0.8473		
24.5	96,940,982	3,667,503	3.7832	96.2168	0.8241		
25.5	84,020,949	3,891,818	4.6320	95.3680	0.7929		
26.5	71,869,237	2,643,432	3.6781	96.3219	0.7562		
27.5	64,148,005	2,119,595	3.3042	96.6958	0.7284		
28.5	56,128,061	1,943,068	3.4618	96.5382	0.7043		
29.5	45,807,351	939,901	2.0519	97.9481	0.6799		
30.5	39,071,384	960,141	2.4574	97.5426	0.6660		
31.5	32,665,685	2,223,722	6.8075	93.1925	0.6496		
32.5	26,770,057	2,366,456	8.8399	91.1601	0.6054		
33.5	21,212,722	2,064,391	9.7319	90.2681	0.5519		
34.5	17,180,177	1,049,478	6.1087	93.8913	0.4982		
35.5	14,853,469	1,025,176	6.9019	93.0981	0.4677		
36.5	13,020,490	896,821	6.8878	93.1122	0.4354		
37.5	11,357,695	763,022	6.7181	93.2819	0.4054		
38.5	9,944,049	673,485	6.7727	93.2273	0.3782		
39.5	8,722,473	566,103	6.4902	93.5098	0.3526		
40.5	7,595,941	439,817	5.7902	94.2098	0.3297		
41.5	6,638,350	369,630	5.5681	94.4319	0.3106		
42.5	5,629,746	380,433	6.7576	93.2424	0.2933		
43.5	4,682,422	820,429	17.5215	82.4785	0.2735		
44.5	3,261,816	737,993	22.6252	77.3748	0.2256		

### **Observed Life Table Results** Florida Power & Light Company Account: 370 - Meters

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	2,040,130	419,324	20.5538	79.4462	0.1745
46.5	1,191,703	366,834	30.7824	69.2176	0.1387
47.5	824,869	244,162	29.6001	70.3999	0.0960
48.5	580,707	163,299	28.1207	71.8793	0.0676
49.5	417,408	166,625	39.9189	60.0811	0.0486
50.5	250,783	109,242	43.5603	56.4397	0.0292
51.5	141,541	51,845	36.6287	63.3713	0.0165
52.5	89,697	0	0.0000	100.0000	0.0104
53.5	89,697	47,312	52.7467	47.2533	0.0104
54.5	42,385	22,790	53.7691	46.2309	0.0049
55.5	19,595	4,214	21.5081	78.4919	0.0023
56.5	15,380	15,267	99.2614	0.7386	0.0018
57.5	114	0	0.0000	100.0000	0.0000
58.5	114	0	0.0000	100.0000	0.0000
59.5	0	0	0.0000	100.0000	0.0000
60.5	0	0	0.0000	100.0000	0.0000
61.5	0	0	0.0000	100.0000	0.0000

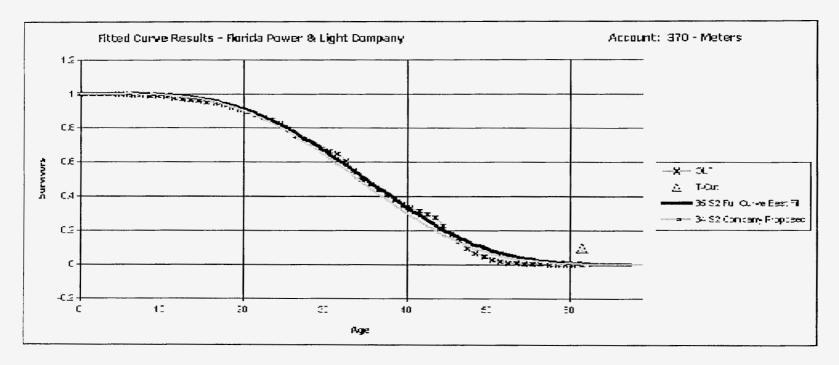
### Best Fit Curve Results Florida Power & Light Company

Account: 370 - Meters

Curve	Life	Sum of
Curve	LIIE	Squared
		Differences
BAND	1941 - 2003	Differences
		255.000
S2	35.0	304.425
R2.5	34.0	
R3	35.0	
R2	34.0	620.760
S1.5	34.0	665.588
S3	35.0	
L3	35.0	
S1	34.0	
R1.5	33.0	
L4	35.0	
L2	35.0	
S0.5	34.0	
R4	35.0	
R1	33.0	
S4	36.0	
L1.5	35.0	4,581.704
S0	33.0	4,879.810
L5	36.0	5,699.801
L1	34.0	6,904.960
R0.5	32.0	7,218.271
R5	36.0	
S-0.5	32.0	7,972.178
S5	36.0	9,165.205
L0.5	34.0	
01	31.0	
LO	35.0	
S6	35.0	<del></del>
O2	35.0	
O3	44.0	
SQ	34.0	
04	59.0	
	30.0	

### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 60
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 4
Maximum Life Parameter: 60
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

371 - Install Cust Premises

## Observed Life Table Results Florida Power & Light Company Account: 371 - Install Cust Premises

Account:	Account: 371 - Install Cust Premises						
Age	Exposures	Retiremen	Retirement	Survivor	Cumulative		
			Ratio (%)	Ratio (%)	Survivors		
BAND		1941 - 200					
0	75,050,158		0.0436	99.9564	1.0000		
0.5			0.1272	99.8728	0.9996		
1.5	72,182,049		0.5657	99.4343	0.9983		
2.5			1.0150	98.9850			
3.5			1.4165	98.5835			
4.5	61,342,943	1,121,789	1.8287	98.1713			
5.5	57,797,935	1,789,437	3.0960	96.9040			
6.5	53,291,555	1,831,903	3.4375	96.5625			
7.5	48,769,852	1,859,449	3.8127	96.1873			
8.5	43,987,622	1,749,840	3.9780	96.0220			
9.5	39,170,331	1,779,750	4.5436				
10.5	34,349,999	1,553,068	4.5213		0.7845		
11.5	30,164,351	1,074,813	3.5632				
12.5	26,752,717		3.0667	96.9333			
13.5	21,949,289	614,265	2.7986				
14.5	16,120,529	421,630	2.6155				
15.5	11,603,445	260,561	2.2455				
16.5	8,198,315	177,954	2.1706	97.8294	0.6479		
17.5	6,680,688	146,264	2.1894	97.8106	0.6339		
18.5	5,608,235	98,834	1.7623	98.2377	0.6200		
19.5	4,566,236	72,121	1.5794	98.4206	0.6090		
20.5	3,776,837	38,376	1.0161	98.9839	0.5994		
21.5	3,178,949	28,115	0.8844	99.1156	0.5933		
22.5	2,601,657	12,396	0.4765	99.5235	0.5881		
23.5	1,962,236	11,810	0.6019				
24.5	1,249,303	7,935	0.6352	99.3648	0.5818		
25.5	1,009,758	5,209					
26.5	851,057	4,627		+			
27.5	590,630	2,906	0.4921	99.5079	<del></del>		
28.5			1.3089		0.5691		
29.5	262,240	2,598		<del></del>			
30.5			0.1293				
31.5			0.4287				
32.5					0.5530		
33.5							
34.5	2,883		l				
35.5							
36.5	2,878				<del></del>		
37.5	2,567						
38.5	2,606	47	1.8090	<del></del>			
39.5							
40.5	2,606	64	2.4447	97.5553	0.4149		
41.5	1,650	0					
42.5	1,650			<del></del>			
43.5	1,650				<del></del>		
44.5	1,647	169	10.2888	89.7112	0.4041		

# Observed Life Table Results Florida Power & Light Company Account: 371 - Install Cust Premises

Age	Exposures	Retiremen	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	1,124	0	0.0000	100.0000	0.3625
46.5	690	6	0.9217	99.0783	0.3625
47.5	689	276	40.1007	59.8993	0.3592
48.5	564	-133	-23.6554	123.6554	0.2151
49.5	716	0	0.0000	100.0000	0.2660
50.5	716	38	5.3083	94.6917	0.2660
51.5	714	0	0.0000	100.0000	0.2519
52.5	676	0	0.0000	100.0000	0.2519
53.5	676	0	0.0000	100.0000	0.2519
54.5	676	200	29.5469	70.4531	0.2519
55.5	476	0	0.0000	100.0000	0.1775
56.5	476	0	0.0000	100.0000	0.1775
57.5	476	14	2.8947	97.1053	0.1775
58.5	463	196	42.3865	57.6135	0.1723
59.5	267	0	0.0000	100.0000	0.0993
60.5	267	2	0.8930	99.1070	0.0993
61.5	264	0	0.0000	100,0000	0.0984

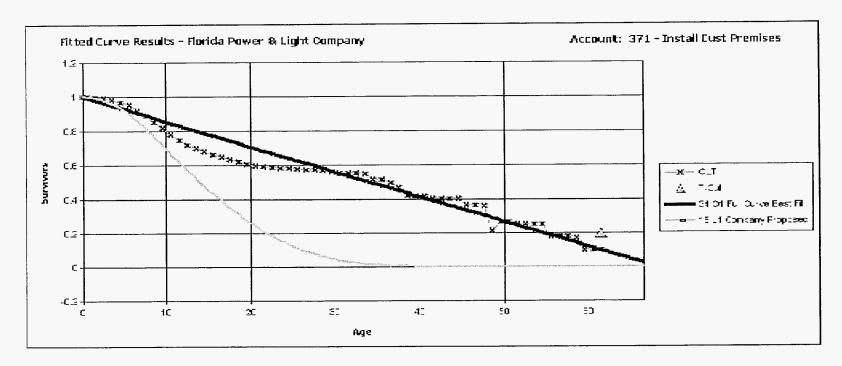
Best Fit Curve Results

Florida Power & Light Company Account: 371 - Install Cust Premises

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
O1	34.0	1,753.428
O2	37.0	
O3	43.0	2,156.881
LO	36.0	2,473.145
O4	55.0	2,879.488
S-0.5	35.0	
R0.5	35.0	3,632.022
L0.5	36.0	3,858.622
L1	36.0	5,767.668
S0	35.0	6,058.053
R1	36.0	6,670.214
L1.5	36.0	8,559.922
S0.5	36.0	8,813.943
R1.5	36.0	10,007.454
L2	36.0	12,026.738
S1	36.0	12,164.349
R2	37.0	14,268.936
S1.5	37.0	15,760.811
R2.5	37.0	18,703.797
S2	37.0	19,866.509
L3	37.0	20,154.165
R3	37.0	24,008.529
S3	37.0	27,924.630
L4	37.0	30,547.396
R4	37.0	33,502.034
S4	37.0	37,839.456
L5	37.0	40,207.754
R5	37.0	44,175.573
S5	37.0	46,599.301
S6	37.0	53,828.611
SQ	36.0	67,784.091

### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 5
Maximum Life Parameter: 60
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 5
Maximum Life Parameter: 60
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

#### 371 - Install Cust Premises

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

34

01

			BG/VG	S Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
2002	0.5	1,106,207	34.00	33.75	32,536	1,098,154
2003	1.5	1,661,077	34.00	33.25	48,855	1,624,559
2002	2.5	2,357,841	34.00	32.75	69,348	2,271,333
2001	3.5	2,528,930	34.00	32.75	74,380	2,398,959
2000 1999	3.5 4.5	2,271,934	34.00	31.75	66,822	2,121,762
1999	4.5 5.5	2,422,301	34.00	31.25	71,244	2,226,571
1997	6.5	2,712,629	34.00	30.75	79,783	2,453,552
1997	7.5	2,696,513	34.00	30.25	79,309	2,399,324
1995	8.5	2,926,487	34.00	29.75	86,073	2,560,919
1993	9.5	3,075,553	34.00	29.25	90,457	2,646,140
1994	10.5	3,040,692	34.00	28.75	89,432	2,571,435
1993	11.5	2,637,881	34.00	28.25	77,585	2,192,000
1992	12.5	2,344,410	34.00	27.75	68,953	1,913,661
1990	13.5	3,987,316	34.00	27.25	117,274	3,196,078
1989	14.5	5,219,719	34.00	26.75	153,521	4,107,173
1988	15.5	4,101,080	34.00	26.25	120,620	3,166,661
1987	16.5	3,148,905	34.00	25.75	92,615	2,385,135
1986	17.5	1,343,378	34.00	25.25	39,511	997,787
1985	18.5	926,442	34.00	24.75	27,248	674,488
1984	19.5	944,929	34.00	24.25	27,792	674,053
1983	20.5	717,436	34.00	23.75	21,101	501,225
1982	21.5	559,949	34.00	23.25	16,469	382,966
1981	22.5	549,777	34.00	22.75	16,170	367,925
1980	23.5	627,025	34.00	22.25	18,442	410,402
1979	24.5	702,278	34.00		20,655	449,331
1978	25.5	231,958	34.00		6,822	145,001
1977	26.5	153,566	34.00		4,517	93,739
1976	27.5	255,956	34.00		7,528	152,476
1975	28.5	183,948	34.00		5,410	106,875
1974	29.5	140,409	34.00		4,130	79,514
1973	30.5	121,165	34.00		3,564	66,835
1972	31.5	81,917	34.00		2,409	43,981
1971	32.5	38,606	34.00		1,135	20,160
1970	33.5	14,370	34.00		423	7,293
1969	34.5	0	34.00		0	0

#### 371 - Install Cust Premises

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

**Survivor Curve .. IOWA:** 

34

01

	BG/VG Average					
		Surviving		Remaining	ASL	RL
Year	Age	investment	<u>Life</u>	Life	Weights	<b>Weights</b>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
1968	35.5	5	34.00	16.26	0	2
1967	36.5	0	34.00	15.76	0	0
1966	37.5	188	34.00	15.26	6	84
1965	38.5	0	34.00	14.76	0	0
1964	39.5	0	34.00	14.26	0	0
1963	40.5	0	34.00	13.76	0	0
1962	41.5	956	34.00	13.26	28	373
1961	42.5	0	34.00	12.76	0	0
1960	43.5	0	34.00	12.26	0	0
1959	44.5	0	34.00	11.76	0	0
1958	45.5	354	34.00	11.26	10	117
1957	46.5	434	34.00	10.76	13	137
1956	47.5	0	34.00	10.26	0	0
1955	48.5	0	34.00	9.76	0	0
1954	49.5	0	34.00	9.26	0	0
1953	50.5	0	34.00	8.76	0	0
1952	51.5	0	34.00	8.26	0	0
1951	52.5	38	34.00	7.76	1	9
1950	53.5	0	34.00	7.26	0	0
1949	54.5	0	34.00	6.76	0	0
1948	55.5	0	34.00	6.26	0	0
1947	56.5	0	34.00	5.76	0	0
1946	57.5	0	34.00	5.26	0	0
1945	58.5	0	34.00	4.76	0	0
1944	59.5	0	34.00	4.27	Ö	0
1943	60.5	0	34.00	3.77	Ö	0
1942	61.5	0	34.00	3.27	Ö	0
1941	62.5	264	34.00	2.77	8	22
1041	02.0	204	04.00	2.71	· ·	££.
		55,834,825			1,642,201	46,508,209
AVERAGE S	ERVICE L	IFE				34.00
AVERAGE R	EMAININ	G LIFE				28.32

373 - Street Lighting & Signal Systems

### **Observed Life Table Results** Florida Power & Light Company

Account: Age	373 - Street Lig Exposures	Retirements	Retirement	Survivor	Cumulative
, , , , ,			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003		(1-)	
0	356,554,972	322,824	0.0905	99.9095	1.0000
0.5	340,548,257	1,070,683	0.3144	99.6856	0.9991
1.5	323,464,283		0.6976	99.3024	0.9960
2.5	306,142,601	3,052,882	0.9972	99.0028	0.9890
3.5		3,391,231	1.1780	98.8220	0.9791
4.5	272,430,428	3,451,209	1.2668	98.7332	0.9676
5.5		3,463,196		98.6447	0.9554
6.5	238,253,653	4,129,209		98.2669	0.9424
7.5		3,933,526		98.2291	0.9261
8.5		4,076,837	1.9739	98.0261	0.9097
9.5		4,723,777	2.4518		0.8917
10.5		4,830,177	2.7359		0.8699
11.5		4,285,849			0.8461
12.5		3,922,448		97.3843	0.8239
13.5		3,360,600			0.8024
14.5		3,105,598	<del></del>		0.7822
15.5		2,667,090	<del></del>	<del></del>	0.7619
16.5		2,460,600		97.4999	0.7431
17.5			<del></del>		
18.5		1,825,977		97.6809	0.7060
19.5		1,555,879			0.6896
20.5		1,235,532		97.9118	0.6739
21.5		1,296,418	****	97.5728	0.6599
22.5		945,658		98.0373	0.6438
23.5		886,600	<del> </del>	97.7681	0.6312
24.5		619,115		98.1573	0.6171
25.5		507,679	<del></del>	98.3075	0.6057
26.5		509,152		98.0913	0.5955
27.5		496,086			0.5841
28.5		554,424	2.8456		0.5717
29.5					0.5554
30.5					0.5406
31.5		470,661	3.7793	96.2207	0.5252
32.5		320,320	2.9910	97.0090	0.5053
33.5					0.4902
34.5		253,083		96.3842	0.4734
35.5				96.2620	0.4563
36.5		167,166		96.6268	0.4392
37.5		173,340		95.9869	0.4244
38.5		184,312		95.1562	0.4074
39.5		169,351		94.7794	0.3876
40.5		129,867	4.5703	95.4297	0.3674
41.5	<del></del>	124,630		95.1323	0.3506
42.5		151,476	_	93.5671	0.3335
43.5		170,989		91.8363	0.3121
44.5				92.2721	0.2866

## **Observed Life Table Results**

Florida Power & Light Company Account: 373 - Street Lighting & Signal Systems

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
_	•		Ratio (%)	Ratio (%)	Survivors
45.5	1,338,894	97,489	7.2813	92.7187	0.2644
46.5	1,078,178	90,955	8.4360	91.5640	0.2452
47.5	827,596	68,440	8.2697	91.7303	0.2245
48.5	621,414	56,627	9.1126	90.8874	0.2059
49.5	459,249	38,174	8.3122	91.6878	0.1872
50.5	342,153	37,846	11.0612	88.9388	0.1716
51.5	240,230	27,623	11.4985	88.5015	0.1526
52.5	138,358	15,520	11.2175	88.7825	0.1351
53.5	81,501	4,599	5.6434	94.3566	0.1199
54.5	57,928	2,119	3.6576	96.3424	0.1132
55.5	52,357	1,331	2.5430	97.4570	0.1090
56.5	42,749	221	0.5160	99.4840	0.1063
57.5	40,461	814	2.0119	97.9881	0.1057
58.5	39,240	1,653	4.2114	95.7886	0.1036
59.5	37,588	1,009	2.6838	97.3162	0.0992
60.5	35,927	1,006	2.7987	97.2013	
61.5	32,111	862	2.6835	97.3165	0.0938

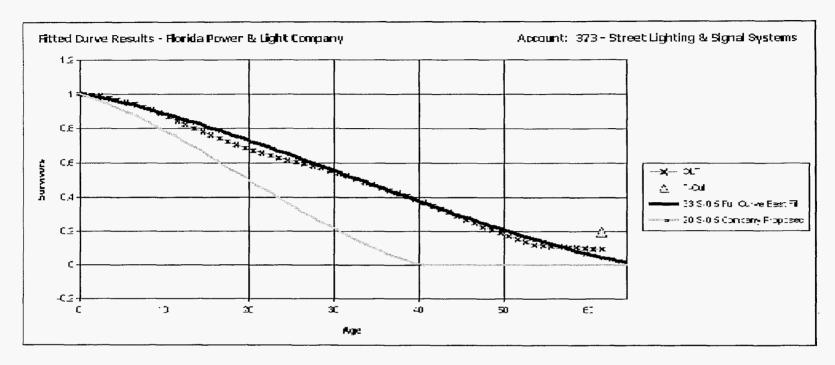
Best Fit Curve Results Florida Power & Light Company

Account: 373 - Street Lighting & Signal Systems

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
S-0.5	33.0	375.780
01	32.0	386.367
R0.5	33.0	481.360
L0.5	34.0	513.191
L0	34.0	536.841
O2	35.0	861.480
L1	34.0	1,010.119
S0	33.0	1,182.269
R1	33.0	1,689.064
L1.5	34.0	2,213.932
S0.5	33.0	2,525.374
R1.5	33.0	3,505.996
O3	41.0	3,988.206
L2	34.0	4,073.859
S1	34.0	4,398.870
O4	53.0	6,028.566
R2	34.0	6,094.595
S1.5	34.0	6,635.459
R2.5	34.0	9,061.996
S2	34.0	9,442.891
L3	34.0	9,451.332
R3	34.0	12,829.468
S3	34.0	15,426.038
L4	34.0	17,568.544
R4	35.0	20,126.242
S4	35.0	23,483.145
L.5	34.0	25,610.215
R5	34.0	29,014.021
S5	34.0	31,137.980
S6	34.0	37,779.448
SQ	33.0	50,970.170

### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 60
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	60
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

### 373 - Street Lighting & Signal Systems

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA: 33 S-0.5

		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<u>Weights</u>	<u>Weights</u>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
0000	٥٢	46 427 440	22.00	32.63	498,095	16,254,235
2003	0.5	16,437,149	33.00	31.92	531,235	16,957,262
2002	1.5	17,530,749	33.00		· ·	
2001	2.5	15,112,788	33.00	31.23	457,963	14,303,088
2000	3.5	15,080,287	33.00	30.56	456,978	13,966,541
1999	4.5	12,887,719	33.00	29.91	390,537	11,681,113
1998	5.5	14,461,103	33.00	29.27	438,215	12,827,767
1997	6.5	14,764,134	33.00	28.65	447,398	12,817,279
1996	7.5	13,320,702	33.00	28.04	403,658	11,317,113
1995	8.5	12,274,269	33.00	27.44	371,948	10,204,568
1994	9.5	10,584,714	33.00	26.84	320,749	8,610,474
1993	10.5	11,964,461	33.00	26.26	362,559	9,522,223
1992	11.5	8,276,585	33.00	25.69	250,806	6,443,655
1991	12.5	9,780,861	33.00	25.13	296,390	7,447,715
1990	13.5	12,259,025	33.00	24.57	371,486	9,128,227
1989	14.5	11,503,955	33.00	24.02	348,605	8,374,784
1988	15.5	8,339,827	33.00	23.48	252,722	5,934,452
1987	16.5	6,906,305	33.00	22.95	209,282	4,802,417
1986	17.5	6,572,307	33.00	22.42	199,161	4,464,842
1985	18.5	8,360,975	33.00	21.90	253,363	5,547,450
1984	19.5	8,541,635	33.00	21.38	258,837	5,533,389
1983	20.5	7,642,142	33.00	20.87	231,580	4,832,071
1982	21.5	4,521,244	33.00	20.36	137,007	2,789,261
1981	22.5	3,932,744	33.00	19.86	119,174	2,366,321
1980	23.5	7,513,224	33.00	19.36	227,673	4,407,314
1979	24.5	5,237,686	33.00	18.86	158,718	2,994,111
1978	25.5	2,986,086	33.00	18.37	90,487	1,662,686
1977	26.5	2,812,200	33.00	17.89	85,218	1,524,471
1976	27.5	2,884,126	33.00	17.41	87,398	1,521,331
1975	28.5	3,303,810	33.00	16.93	100,115	1,694,799
1974	29.5	1,618,599	33.00	16.45	49,048	807,005
1973	30.5	2,076,448	33.00	15.98	62,923	1,005,580
1972	31.5	1,893,984	33.00	15.51	57,393	890,298
1971	32.5	1,273,392	33.00	15.05	38,588	580,591
1970	33.5	2,121,931	33.00	14.58	64,301	937,674
1969	34.5	984,512	33.00	14.12	29,834	421,303

### 373 - Street Lighting & Signal Systems

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA: 33 S-0.5

			BG/VG	Average		
		Surviving	Service	Remaining	ASL	RL
<u>Year</u>	Age	Investment	Life	Life	Weights	<b>Weights</b>
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)
	• •					
1968	35.5	841,560	33.00	13.66	25,502	348,439
1967	36.5	728,317	33.00	13.21	22,070	291,485
1966	37.5	469,150	33.00	12.75	14,217	181,308
1965	38.5	340,864	33.00	12.30	10,329	127,062
1964	39.5	376,907	33.00	11.85	11,421	135,358
1963	40.5	232,996	33.00	11.40	7,060	80,511
1962	41.5	151,257	33.00	10.96	4,584	50,220
1961	42.5	81,013	33.00	10.51	2,455	25,805
1960	43.5	108,743	33.00	10.07	3,295	33,176
1959	44.5	221,386	33.00	9.63	6,709	64,574
1958	45.5	231,693	33.00	9.18	7,021	64,482
1957	46.5	163,227	33.00	8.74	4,946	43,250
1956	47.5	159,627	33.00	8.30	4,837	40,171
1955	48.5	137,742	33.00	7.87	4,174	32,833
1954	49.5	105,537	33.00	7.43	3,198	23,755
1953	50.5	78,922	33.00	6.99	2,392	16,718
1952	51.5	64,077	33.00	6.55	1,942	12,724
1951	52.5	74,249	33.00	6.12	2,250	13,760
1950	53.5	41,337	33.00	5.68	1,253	7,113
1949	54.5	18,973	33.00	5.24	575	3,013
1948	55.5	3,452	33.00	4.80	105	502
1947	56.5	8,277	33.00	4.36	251	1,094
1946	57.5	2,067	33.00	3.92	63	246
1945	58.5	407	33.00	3.48	12	43
1944	59.5	0	33.00	3.04	0	0
1943	60.5	652	33.00	2.59	20	51
1942	61.5	2,810	33.00	2.15	85	183
1941	62.5	31,250	33.00	1.70	947	1,607
	•	,— -				.,
		290,438,173			8,801,157	226,172,897
AVERAGE S	ERVICE L	.IFE				33.00
AVERAGE R						25.70

390 - Structures & Improvements

## **Observed Life Table Results**

Florida Power & Light Company Account: 390 - Structures & Improvements

Account:	390 - Structures & Improvements				
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	446,849,212	35,351	0.0079		1.0000
0.5	247,053,895		0.2725		0.9999
1.5	213,690,074	502,368	0.2351	99.7649	
2.5	209,030,260	414,640	0.1984	99.8016	
3.5	229,366,212	939,815	0.4097	99.5903	
4.5	197,535,175	3,720,397	1.8834		
5.5	194,406,441	611,816	0.3147		
6.5	186,984,502		0.7964		
7.5					
8.5	185,286,071	1,002,838		99.4588	
9.5				99.4415	
10.5		2,641,446			
11.5			0.9280		
12.5		880,579			
13.5				95.1771	0.9074
14.5			0.8145	99.1855	
15.5		997,046		98.8528	
16.5			1.1882	98.8118	
17.5					
18.5				98.8939	
19.5				98.8379	
20.5		209,659	<del></del>		
21.5				98.0793	
22.5				<del></del>	
23.5		203,927	0.3298		
24.5			0.8497		
25.5					0.7670
26.5				<del></del>	
27.5					
28.5		277,658			
29.5		193,495			
30.5					
31.5					0.7107
32.5			6.7530	<u> </u>	0.7050
33.5					
34.5					
35.5				96.3023	
36.5			3.2832	96.7168	
37.5		51,968		99.3607	
38.5		164,921	3.6983	96.3017	0.5670
39.5			2.3144		
40.5					0.5334
41.5		145,377	4.0436		0.5187
42.5		<del> </del>	3.3986		0.4977
43.5			1.7579		
44.5	2,373,463	213,344	8.9887	91.0113	0.4723

### **Observed Life Table Results** Florida Power & Light Company Account: 390 - Structures & Improvements

Account: 390 - Structures & Improvements					
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	1,875,495	47,431	2.5290	97.4710	0.4299
46.5	1,738,480	106,048	6.1000	93.9000	0.4190
47.5	1,531,121	34,896	2.2791	97.7209	0.3935
48.5	1,407,177	6,731	0.4783	99.5217	0.3845
49.5	1,337,673	4,355	0.3255	99.6745	0.3827
50.5	1,306,881	2,633	0.2014	99.7986	0.3814
51.5	1,242,624	729	0.0587	99.9413	0.3806
52.5	1,062,073	64,483	6.0714	93.9286	0.3804
53.5	972,387	281	0.0289	99.9711	0.3573
54.5	956,190	14,978	1.5665	98.4335	0.3572
55.5	930,675	751,695	80.7688	19.2312	0.3516
56.5	176,373	22,221	12.5987	87.4013	0.0676
57.5	153,862	4,305	2.7977	97.2023	0.0591
58.5	149,362	142	0.0951	99.9049	0.0574
59.5	147,500	64	0.0435	99.9565	0.0574
60.5	49,111	918	1.8697	98.1303	0.0574
61.5	3,199	0	0.0000	100.0000	0.0563

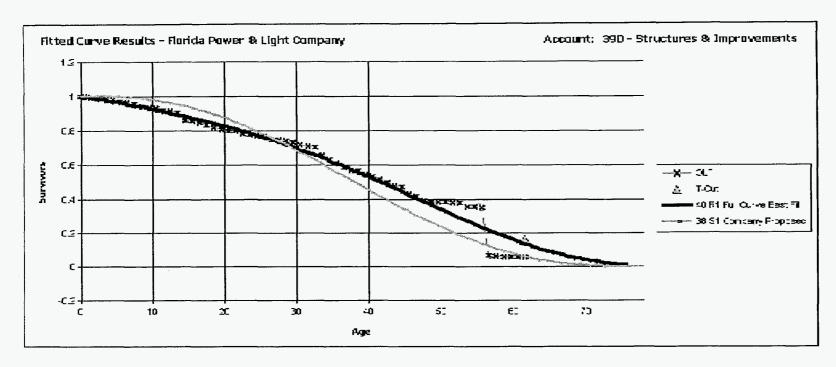
Best Fit Curve Results Florida Power & Light Company

Account: 390 - Structures & Improvements

	1	A
Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
R1	40.0	1,473.273
R1.5	41.0	1,644.336
S0.5	41.0	1,936.393
S0	41.0	1,965.469
R0.5	40.0	2,380.938
S1	41.0	2,530.899
R2	41.0	2,629.709
L1	43.0	2,716.188
L1.5	43.0	2,733.527
S-0.5	40.0	2,735.021
L0.5	43.0	3,147.839
L2	43.0	3,457.270
S1.5	42.0	3,530.843
L0	44.0	4,063.146
01	40.0	4,374.947
R2.5	42.0	4,410.440
O2	45.0	4,821.916
S2	42.0	5,138.793
L3	43.0	6,281.338
R3	43.0	7,012.122
O3	59.0	8,048.981
S3	43.0	9,371.375
L4	43.0	11,829.298
R4	44.0	13,324.518
O4	60.0	13,445.747
S4	44.0	16,600.078
L5	43.0	19,189.204
R5	44.0	22,624.818
S5	44.0	24,944.348
S6	43.0	32,846.843
SQ	42.0	49,240.263

### **Analytical Parameters**

<b></b>	
OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	2
Maximum Life Parameter:	60
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	2
Maximum Life Parameter:	60
Life Increment Parameter:	1
Max Age (T-Cut):	61.5

392 J - Aircraft - Fixed Wing (Jet)

## Observed Life Table Results Florida Power & Light Company

Account: 392 J - Aircraft - Fixed Wing (Jet)

Age	Exposures	Retiremen	Retirement	Survivor	Cumulative
	·		Ratio (%)	Ratio (%)	Survivors
BAND		1990 - 200	3		
0	53,036,490	315,559	0.5950	99.4050	1.0000
0.5	41,828,022	0	0.0000	100.0000	0.9941
1.5	41,828,022	0	0.0000	100.0000	0.9941
2.5	41,828,022	0	0.0000	100.0000	0.9941
3.5	41,828,022	0	0.0000	100.0000	0.9941
4.5	19,983,895	0	0.0000	100.0000	0.9941
5.5	19,983,895	0	0.0000	100.0000	0.9941
6.5	19,983,895	0	0.0000	100.0000	0.9941
7.5	19,983,895	5,791,396	28.9803	71.0197	0.9941
8.5	8,435,879	8,435,879	100.0000	0.0000	0.7060
9.5	0	0	0.0000	100.0000	0.0000
10.5	0	0	0.0000	100.0000	
11.5	0	0	0.0000	100.0000	0.0000
12.5	0	0	0.0000	100.0000	0.0000

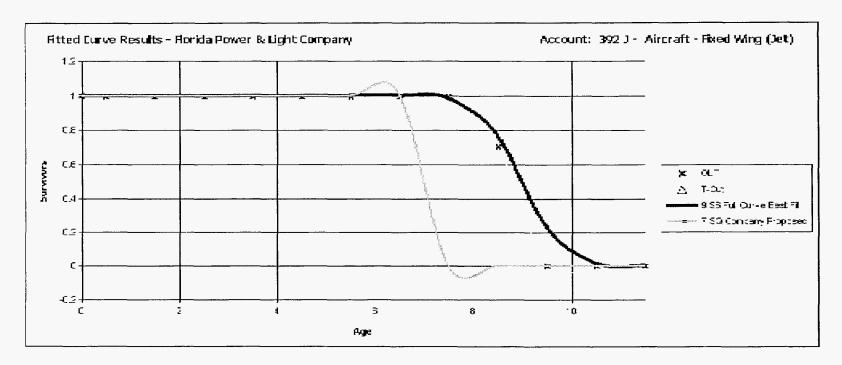
### Best Fit Curve Results Florida Power & Light Company

Account: 392 J - Aircraft - Fixed Wing (Jet)

Curve	Life	Sum of
		Squared
		Differences
BAND	1990 - 2003	
S6	9.0	583.377
SQ	9.0	867.361
S5	9.0	1,165.752
L5	9.0	1,520.851
R5	9.0	1,552.230
S4	9.0	2,137.345
R4	8.0	2,555.370
L4	9.0	2,688.959
S3	9.0	3,536.026
R3	8.0	3,536.878
R2.5	8.0	4,298.738
L3	9.0	4,631.480
S2	8.0	4,855.347
R2	8.0	5,248.285
S1.5	8.0	5,553.979
R1.5	8.0	6,322.733
S1	8.0	6,383.363
L2	9.0	6,716.524
S0.5	8.0	7,267.709
R1	8.0	7,597.188
L1.5	9.0	7,716.955
S0	8.0	8,290.281
L1	9.0	8,865.528
R0.5	8.0	9,209.507
S-0.5	8.0	9,577.357
L0.5	9.0	9,757.532
L0	9.0	10,763.979
01	8.0	11,070.072
02	9.0	11,351.085
O3	13.0	13,390.370
O4	17.0	14,088.689

### **Analytical Parameters**

OLT Placement Band:	1990 - 2003
OLT Experience Band:	1990 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	30
Life Increment Parameter:	1
Max Age (T-Cut):	12.5



### **Analytical Parameters**

OLT Placement Band:	1990 - 2003
OLT Experience Band:	1990 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	30
Life Increment Parameter:	1
Max Age (T-Cut):	12.5

392 R - Aircraft - Rotary

Observed Life Table Results
Florida Power & Light Company
Account: 392 R - Aircraft - Rotary

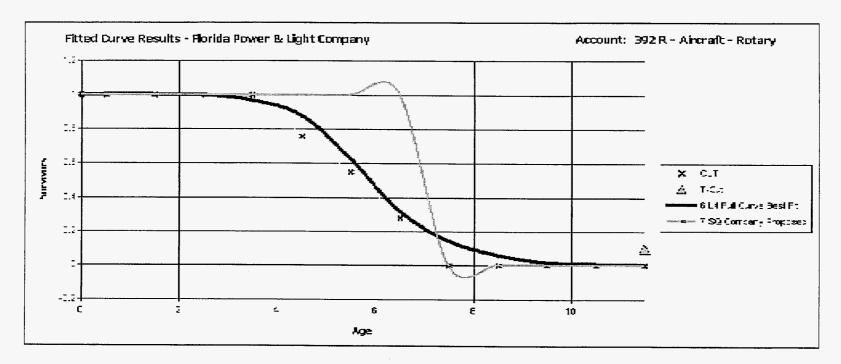
Age	Exposures	Retiremen	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1988 - 200	0		
0	8,925,411	0	0.0000	100.0000	1.0000
0.5	5,516,865	0	0.0000	100.0000	1.0000
1.5	2,108,320	0	0.0000	100.0000	1.0000
2.5	3,031,800	0	0.0000	100.0000	1.0000
3.5	3,821,472	923,480	24.1656	75.8344	1.0000
4.5	2,897,992	789,672	27.2489	72.7511	0.7583
5.5	2,108,320	1,045,131	49.5718	50.4282	0.5517
6.5	1,063,189	1,063,189	100.0000	0.0000	0.2782
7.5	0	0	0.0000	100.0000	0.0000
8.5	0	0	0.0000	100.0000	0.0000
9.5	0	0	0.0000	100.0000	0.0000
10.5	0	0	0.0000	100.0000	0.0000
11.5	0	0	0.0000	100.0000	0.0000

# Best Fit Curve Results Florida Power & Light Company Account: 392 R - Aircraft - Rotary

Curve	Life	Sum of
		Squared
		Differences
BAND	1988 - 2000	
L4	6.0	454.765
S3	6.0	507.560
S4	6.0	513.462
R4	6.0	
L5	6.0	638.940
L3	6.0	
R3	5.0	
R5	6.0	
R2.5	5.0	
S2	6.0	
S5	6.0	
R2	5.0	952.614
S1.5	5.0	1,114.769
R1.5	5.0	1,292.138
S1	5.0	1,348.252
L2	6.0	1,590.893
S0.5	5.0	1,681.519
S6	6.0	1,758.766
R1	5.0	1,765.140
S0	5.0	2,110.036
L1.5	6.0	
R0.5	5.0	2,562.176
S-0.5	5.0	
L1	5.0	2,766.581
L0.5	5.0	3,317.392
SQ	6.0	3,367.704
01	5.0	3,564.256
L0	5.0	3,958.604
O2	6.0	4,532.844
O3	7.0	6,835.191
O4	9.0	8,065.082

### Analytical Parameters

OLT Placement Band: 1988 - 2000
OLT Experience Band: 1988 - 2000
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 11.5



#### **Analytical Parameters**

OLT Placement Band:	1988 - 2000
OLT Experience Band:	1988 - 2000
Minimum Life Parameter:	1
Maximum Life Parameter:	30
Life Increment Parameter:	1
Max Age (T-Cut):	11.5

392.1 - Transportation - Automobiles

### **Observed Life Table Results** Florida Power & Light Company Account: 392 1 - Transportation

Account: 392.1 - Transportation - Automobiles					
Age	Exposures	Retiremen	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 200			
0		125,497	1.0382	98.9618	1.0000
0.5		229,946	1.9736	98.0264	0.9896
1.5	11,294,018	120,652	1.0683	98.9317	0.9701
2.5	10,949,268	365,884	3.3416	96.6584	0.9597
3.5		1,229,693	11.7028	88.2972	0.9277
4.5		1,597,730	17.5408	82.4592	0.8191
5.5				76.4866	
6.5				72.0650	
7.5	3,973,659			71.2604	
8.5				65.4757	0.2653
9.5				80.0650	
10.5	1,447,187	80,136	5.5374	94.4626	0.1391
11.5	1,367,051	24,215		98.2287	0.1314
12.5	1,326,676	21,953	1.6547	98.3453	0.1290
13.5	1,221,311	22,632	1.8531	98.1469	0.1269
14.5	1,126,488	-2,273	-0.2018	100.2018	0.1246
15.5	853,777	7,830	0.9171	99.0829	0.1248
16.5	579,000	-7,100	-1.2262	101.2262	
17.5	529,024	24,643	4.6582	95.3418	0.1252
18.5	499,706	1,870	0.3743	99.6257	0.1194
19.5	446,919	-9		100.0021	0.1189
20.5	430,548	55,660	12.9276	87.0724	0.1189
21.5	276,688		0.0000	100.0000	0.1035
22.5		19,741	8.6121	91.3879	0.1035
23.5	121,180		0.0000	100.0000	0.0946
24.5	121,180			90.7694	0.0946
25.5			-20.3385	120.3385	
26.5	132,365	0		100.0000	
27.5	98,628	0	0.0000	100.0000	
28.5				100.0000	
29.5	91,847	0	0.0000	100.0000	
30.5				100.0000	
31.5				77.1409	
32.5	70,852	16,177	22.8320	77.1680	0.0797
33.5		10,863			· · · · · · · · · · · · · · · · · · ·
34.5		3,797	8.6669	91.3331	0.0493
35.5		0		100.0000	0.0450
36.5		20,785	56.8976	43.1024	<del> </del>
37.5			0.0000	100.0000	0.0194
38.5			38.4933	61.5067	0.0194
39.5			0.0000	100.0000	0.0119
40.5			0.0000	100.0000	0.0119
41.5	9,685	0	0.0000	100.0000	0.0119
42.5	8,917		0.0000	100.0000	0.0119
43.5				-8.6140	<del></del>
44.5	0	0	0.0000	100.0000	-0.0010

## **Observed Life Table Results**

Florida Power & Light Company
Account: 392.1 - Transportation - Automobiles

Account:	Exposures		Retirement	Survivor	Cumulative
Age	Exposures	Retiremen	Ratio (%)	Ratio (%)	Survivors
45.5	0	0	0.0000	100.0000	-0.0010
46.5	0	0	0.0000	100.0000	-0.0010
47.5	0	0	0.0000	100.0000	-0.0010
48.5	0	0	0.0000	100.0000	-0.0010
49.5	0	0	0.0000	100.0000	-0.0010
50.5	0	0	0.0000	100.0000	-0.0010
51.5	0	0	0.0000	100.0000	-0.0010
52.5	0	0	0.0000	100.0000	-0.0010
53.5	0	0	0.0000	100.0000	-0.0010
54.5	0	0	0.0000	100.0000	-0.0010
55.5	0	0	0.0000	100.0000	-0.0010
56.5	0	0	0.0000	100.0000	-0.0010
57.5	0	0	0.0000	100.0000	-0.0010
58.5	0	0	0.0000	100.0000	-0.0010
59.5	0	0	0.0000	100.0000	-0.0010
60.5	0	0	0.0000	100.0000	-0.0010
61.5	0	0	0.0000	100.0000	-0.0010

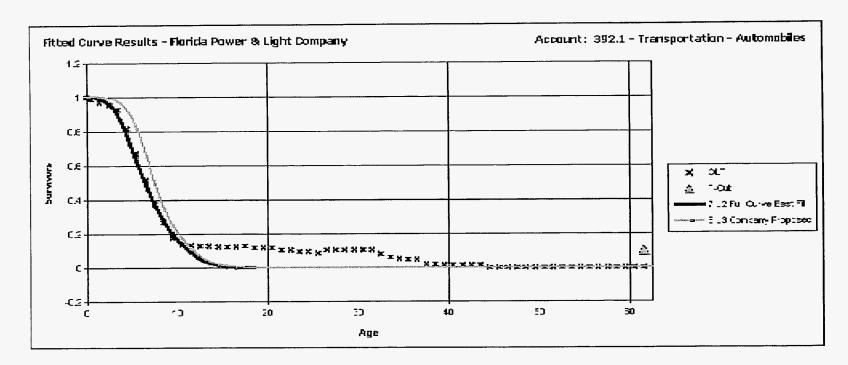
### Best Fit Curve Results Florida Power & Light Company

Account: 392.1 - Transportation - Automobiles

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
L2	7.0	2,497.196
L1.5	7.0	2,526.496
L1	7.0	2,697.901
L3	7.0	2,796.508
S1	7.0	2,823.267
L0.5	7.0	2,831.463
S0.5	7.0	2,850.568
S1.5	7.0	2,867.833
S0	7.0	3,011.313
R1.5	7.0	3,013.611
S2	7.0	3,029.960
O2	8.0	3,057.236
R2	7.0	3,072.793
L0	7.0	3,093.816
R1	7.0	3,141.207
R2.5	7.0	3,200.368
O3	9.0	3,270.075
S-0.5	7.0	3,321.213
R0.5	7.0	3,354.443
R3	7.0	3,492.621
S3	7.0	3,539.480
L4	7.0	3,700.443
01	7.0	3,854.625
O4	11.0	4,016.235
R4	7.0	4,217.365
S4	7.0	4,495.661
L5	7.0	4,772.854
R5	7.0	5,338.398
S5	7.0	5,627.583
S6	7.0	6,827.421
SQ	7.0	9,216.366

### **Analytical Parameters**

OLT Placement Band:	1941 - 2003
OLT Experience Band:	1941 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	30
Life Increment Parameter:	1
Max Age (T-Cut):	61.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

392.2 - Transportation - Light Trucks

# Observed Life Table Results Florida Power & Light Company

Account: 392.2 - Transportation - Light Trucks

Account:	Exposures		Retirement	Survivor	Cumulative
Aye	Exhosules	venienient?	Ratio (%)	Ratio (%)	Survivors
BAND		1969 - 2003	14410 (70)	(18)	Culvivois
DAND 0	33,422,932	55,436	0.1659	99.8341	1.0000
0.5 1.5	32,744,946	186,964	0.5710	99.4290	0.9983
	32,579,886	69,243	0.2125	99.7875	0.9926
2.5	32,673,361	159,603	0.4885	99.5115	0.9905
3.5	33,734,952	936,430	2.7758	97.2242	0.9857
4.5	32,711,677	1,675,485	5.1220	94.8780	0.9583
5.5	31,420,838	3,674,998	11.6961	88.3039	0.9092
6.5	22,437,901	4,297,540	19.1530	80.8470	0.8029
7.5	18,688,326	4,679,242	25.0383	74.9617	0.6491
8.5	13,656,177	3,323,389	24.3362	75.6638	0.4866
9.5	9,401,897	3,240,889	34.4706	65.5294	0.3682
10.5	5,916,133	1,643,677	27.7830	72.2170	0.2413
11.5	4,088,446	1,071,089	26.1979	73.8021	0.1742
12.5	2,892,862	654,826	22.6359	77.3641	0.1286
13.5	2,129,811	436,386	20.4894	79.5106	0.0995
14.5	1,357,927	77,948	5.7402	94.2598	0.0791
15.5	1,248,111	59,405	4.7596	95.2404	0.0746
16.5	1,170,657	84,407	7.2102	92.7898	0.0710
17.5	1,059,521	70,633	6.6665	93.3335	0.0659
18.5	871,836	31,306	3.5908	96.4092	0.0615
19.5	819,693	69,476	8.4758	91.5242	0.0593
20.5	611,984	75,999	12.4184	87.5816	0.0543
21.5	483,722	52,933	10.9429	89.0571	0.0475
22.5	277,592	21,738	7.8308	92.1692	0.0423
23.5	114,859	24,856	21.6409	78.3591	0.0390
24.5	90,002	3,852	4.2796	95.7204	0.0306
25.5	162,907	0	0.0000	100.0000	0.0293
26.5	162,907	0	0.0000	100.0000	0.0293
27.5	162,907	35,816	21.9852	78.0148	0.0293
28.5	127,092	0	0.0000	100.0000	0.0228
29.5	107,277	40,262	37.5308	62.4692	0.0228
30.5	67,015	0	0.0000	100.0000	0.0143
31.5	47,788	23,851	49.9102	50.0898	0.0143
32.5	23,937	0	0.0000	100.0000	0.0071
33.5	0	0	0.0000	100.0000	0.0071

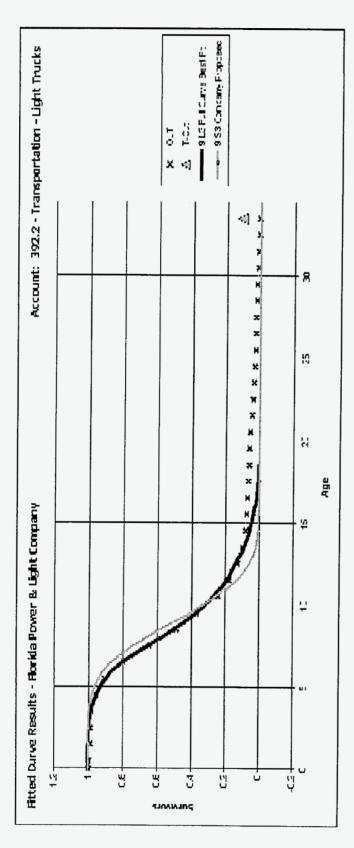
Best Fit Curve Results Florida Power & Light Company

Account: 392.2 - Transportation - Light Trucks

Curve	Life	Sum of
-		Squared
:		Differences
BAND	1969 - 2003	
L3	9.0	320.312
S2	9.0	589.909
L2	9.0	598.513
S1.5	9.0	636.334
S3	9.0	821.922
S1	9.0	833.923
R2.5	9.0	875.972
L4	9.0	891.706
R3	9.0	972.688
L1.5	9.0	973.586
R2	9.0	991.019
S0.5	9.0	1,154.047
R1.5	8.0	1,176.213
R4	9.0	1,478.345
L1	9.0	1,531.427
R1	8.0	1,546.214
S4	9.0	1,626.280
S0	9.0	1,645.769
L5	9.0	1,892.420
L0.5	9.0	2,067.705
R0.5	8.0	2,199.919
S-0.5	8.0	2,326.257
R5	9.0	2,515.545
LO	9.0	2,769.610
S5	9.0	2,796.420
O1	8.0	3,181.519
O2	9.0	3,291.174
S6	9.0	4,112.345
O3	10.0	6,462.154
SQ	8.0	7,016.722
O4	12.0	9,296.290

#### Analytical Parameters

OLT Placement Band: 1969 - 2003
OLT Experience Band: 1969 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 33.5



1969 - 2003	1969 - 2003	<b>~</b> -	30	-	33.5
Analytical Parameters OLT Placement Band:	OLT Experience Band:	Minimum Life Parameter:	Maximum Life Parameter:	Life Increment Parameter:	Max Age (T-Cut):

392.3 - Transportation - Heavy Trucks

**Observed Life Table Results** Florida Power & Light Company

Account: 392.3 - Transportation - Heavy Trucks					
Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1949 - 2003			
0		0	0.0000	100.0000	1.0000
0.5	198,522,956		0.0897	99.9103	1.0000
1.5	203,823,055	2,008,033	0.9852	99.0148	0.9991
2.5	205,837,959	1,204,992	0.5854	99.4146	0.9893
3.5	199,975,338	1,036,621	0.5184	99.4816	0.9835
4.5	196,796,707	2,283,431	1.1603	98.8397	0.9784
5.5	199,854,761	5,641,037	2.8226	97.1774	0.9670
6.5	193,209,091	9,404,921	4.8677	95.1323	0.9397
7.5	178,424,295	10,029,099	5.6209	94.3791	0.8940
8.5	168,670,394	17,273,198	10.2408	89.7592	0.8437
9.5	144,309,177	21,217,015	14.7025	85.2975	0.7573
10.5	111,800,863	22,180,600	19.8394	80.1606	0.6460
11.5	77,026,333	20,779,863	26.9776	73.0224	0.5178
12.5	52,306,499	19,076,232	36.4701	63.5299	0.3781
13.5	31,007,609	12,444,357	40.1332	59.8668	0.2402
14.5	13,809,301	4,874,148	35.2961	64.7039	0.1438
15.5	9,443,736	2,041,979	21.6226	78.3774	0.0931
16.5	7,466,948	1,330,981	17.8250	82.1750	0.0729
17.5	5,724,262	1,423,637	24.8702	75.1298	0.0599
18.5	4,208,416	871,238	20.7023	79.2977	0.0450
19.5	2,907,489	491,677	16.9107	83.0893	0.0357
20.5	2,153,267	427,176	19.8385	80.1615	0.0297
21.5	1,910,375	156,193	8.1760	91.8240	0.0238
22.5	1,702,845	57,695	3.3881	96.6119	0.0218
23.5	1,534,473	70,395	4.5876	95.4124	0.0211
24.5	1,464,078	262,728	17.9450	82.0550	0.0201
25.5	1,095,073	2,835	0.2589	99.7411	0.0165
26.5	1,104,671	142,385	12.8894	87.1106	0.0165
27.5	898,419	191,752	21.3433	78.6567	0.0144
28.5	706,667	67,236	9.5146	90.4854	0.0113
29.5	639,430	83,656	13.0829	86.9171	0.0102
30.5	587,170	0	0.0000	100.0000	0.0089
31.5	579,737	166,938	28.7955	71.2045	0.0089
32.5	308,136	92,604	30.0531	69.9469	0.0063
33.5	91,636	0	0.0000	100.0000	0.0044
34.5	91,636	44,483	48.5428	51.4572	0.0044
35.5	47,154	0	0.0000	100.0000	0.0023
36.5	24,499	0	0.0000	100.0000	0.0023
37.5	24,499	15,540	63.4298	36.5702	0.0023
38.5	8,959	0	0.0000	100.0000	0.0008
39.5	8,959	0	0.0000	100.0000	0.0008
40.5	8,959	0	0.0000	100.0000	0.0008
41.5	8,959	0	0.0000	100.0000	0.0008
42.5	8,959	0	0.0000	100.0000	0.0008
43.5	8,959	0	0.0000	100.0000	0.0008
44.5	8,959	600	6.6968	93.3032	0.0008

# Observed Life Table Results Florida Power & Light Company

Account: 392.3 - Transportation - Heavy Trucks

Age	Exposures	Retirements	Retirement Ratio (%)	Survivor Ratio (%)	Cumulative Survivors
45.5	8,359	0	0.0000	100.0000	0.0008
46.5	0	0	0.0000	100.0000	0.0008
47.5	0	0	0.0000	100.0000	0.0008
48.5	0	0	0.0000	100.0000	0.0008
49.5	0	0	0.0000	100.0000	0.0008
50.5	0	0	0.0000	100.0000	0.0008
51.5	0	0	0.0000	100.0000	0.0008
52.5	0	0	0.0000	100.0000	0.0008
53.5	0	. 0	0.0000	100.0000	0.0008

Best Fit Curve Results

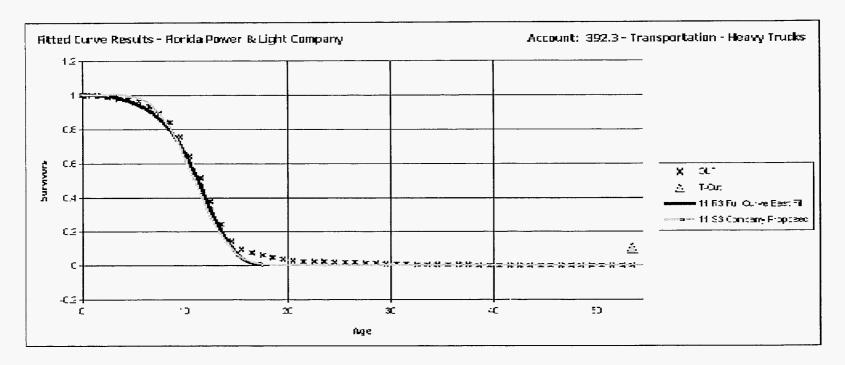
Florida Power & Light Company

Account: 392.3 - Transportation - Heavy Trucks

Curve	Life	Sum of
Cuive	Life	Squared
		Differences
BAND	1949 - 2003	Differences
		070 507
R3	11.0	273.507
L4 S3	12.0	286.129 308.283
R2.5	12.0 11.0	308.283
L3		372,707
	12.0	
S2	11.0	469.166
R2	11.0	654.424
R4	12.0	676.182
S1.5	11.0	689.983
S4	12.0	770.642
L5	12.0	1,005.776
S1	11.0	1,095.550
R1.5	11.0	1,211.572
L2	12.0	1,396.577
R5	12.0	1,517.582
S0.5	11.0	1,658.385
S5	12.0	1,808.817
R1	11.0	2,062.231
L1.5	12.0	2,162.126
S0	11.0	2,430.958
L1	11.0	3,126.940
S6	12.0	3,168.972
R0.5	11.0	3,365.931
S-0.5	11.0	3,600.228
L0.5	11.0	4,053.976
01	11.0	5,120.451
LO	11.0	5,183.446
O2	11.0	6,166.451
SQ	12.0	7,042.130
O3	13.0	11,702.948
O4	14.0	16,236.767

#### **Analytical Parameters**

1949 - 2003
1949 - 2003
1
30
1
53.5



#### **Analytical Parameters**

OLT Placement Band: 1949 - 2003
OLT Experience Band: 1949 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 53.5

392.4 - Transportation - Tractor-Trailers

#### **Observed Life Table Results** Florida Power & Light Company

Account: 392.4 - Transportation - Tractor-Trailers						
Age	Exposures	Retirements	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1941 - 2003	0.0004	00.0000	1.0000	
0	18,792,180	63,157	0.3361	99.6639	1.0000	
0.5	17,658,811	67,041	0.3796	99.6204	0.9966	
1.5	16,036,785	58,716		99.6339	0.9929	
2.5	14,210,826	143,435		98.9907	0.9892	
3.5	12,399,463	301,126		97.5715	0.9792	
4.5	11,090,113	617,084	5.5643	94.4357	0.9555	
5.5	9,677,912	1,040,778	10.7542	89.2458	0.9023	
6.5	8,465,444	1,672,257	19.7539	80.2461	0.8053	
7.5	5,899,462	1,099,009		81.3710	0.6462	
8.5	3,582,070	701,299		80.4220		
9.5		627,447	22.2527	77.7473		
10.5		679,983				
11.5		556,732		67.0779		
12.5					0.1529	
13.5						
14.5						
15.5						
16.5						
17.5		3,035			0.0191	
18.5						
19.5		1,954			0.0184	
20.5		44,554				
21.5						
22.5						
23.5						
24.5						
25.5				<del></del>		
26.5						
27.5						
28.5					<del></del>	
29.5					·	
30.5						
31.5						
32.5						
33.5						
34.5		<del></del>				
35.5						
36.5	9,645					
37.5						
38.5					<del></del>	
39.5						
40.5						
41.5						
42.5						
43.5						
44.5	5 (	) (	0.0000	100.0000	0.0083	

Observed Life Table Results Florida Power & Light Company

Account: 392.4 - Transportation - Tractor-Trailers

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
45.5	0	0	0.0000	100.0000	0.0083
46.5	0	0	0.0000	100.0000	0.0083
47.5	0	0	0.0000	100.0000	0.0083
48.5	0	0	0.0000	100.0000	0.0083
49.5	0	0	0.0000	100.0000	0.0083
50.5	0	0	0.0000	100.0000	0.0083
51.5	0	0	0.0000	100.0000	0.0083
52.5	0	0	0.0000	100.0000	0.0083
53.5	0	0	0.0000	100.0000	0.0083
54.5	0	0	0.0000	100.0000	0.0083
55.5	0	0	0.0000	100.0000	0.0083
56.5	0	0	0.0000	100.0000	0.0083
57.5	0	0	0.0000	100.0000	0.0083
58.5	0	0	0.0000	100.0000	0.0083
59.5	0	0	0.0000	100.0000	0.0083
60.5	0	0	0.0000	100.0000	0.0083
61.5	0	0	0.0000	100.0000	0.0083

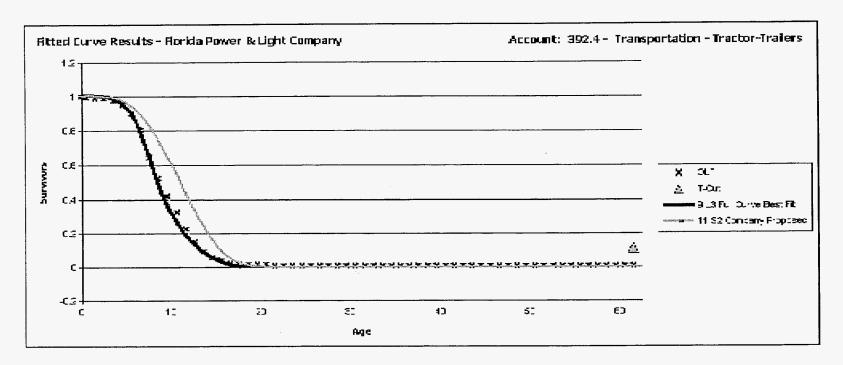
#### Best Fit Curve Results Florida Power & Light Company

Account: 392.4 - Transportation - Tractor-Trailers

Curve	Life	Sum of
Cuive		Squared
	ļ	Differences
BAND	1941 - 2003	D11101011000
L3	9.0	118.320
\$1.5	9.0	129.888
S2	9.0	159.682
S1	9.0	251.257
R2	9.0	315.887
R2.5	9.0	326.504
L2	9.0	330.338
R1.5	9.0	507.910
S0.5	9.0	529.526
R3	9.0	548.881
S3	9.0	585.153
L1.5	9.0	684.396
L4	9.0	817.448
R1	9.0	940.084
S0	9.0	979.393
L1	9.0	1,221.219
R4	9.0	1,337.502
S4	9.0	1,656.488
R0.5	9.0	1,694.007
S-0.5	9.0	1,754.501
L0.5	9.0	1,841.594
L5	9.0	2,027.171
L0	9.0	2,627.596
01	8.0	2,639.647
R5	9.0	2,709.294
S5	9.0	3,067.102
O2	9.0	3,358.174
S6	9.0	4,540.942
O3	10.0	7,269.802
SQ	9.0	7,809.400
O4	11.0	10,607.080

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 61.5

392.9 - Transportation - Trailers

Observed Life Table Results Florida Power & Light Company

Account: 392.9 - Transportation - Trailers

Age	Exposures	Retirements	Retirement	Survivor	Cumulative
			Ratio (%)	Ratio (%)	Survivors
BAND		1941 - 2003			
0	19,572,017	3,721	0.0190	99.9810	1.0000
0.5	19,109,008	47,822	0.2503	99.7497	0.9998
1.5	18,932,454	118,602	0.6265	99.3735	0.9973
2.5	18,397,265	94,147	0.5117	99.4883	0.9911
3.5	17,568,430	109,948	0.6258	99.3742	0.9860
4.5	16,662,144	139,287	0.8360	99.1640	0.9798
5.5	15,828,689	229,686	1.4511	98.5489	0.9716
6.5	15,117,122	693,215	4.5856	95.4144	0.9575
7.5	13,984,638	704,131	5.0350	94.9650	0.9136
8.5	13,104,409		3.3310	96.6690	0.8676
9.5	11,762,066	384,541	3.2693	96.7307	0.8387
10.5	10,700,288	474,758	4.4369	95.5631	0.8113
11.5	9,300,132	634,368	6.8211	93.1789	0.7753
12.5	8,227,389	409,226	4.9739	95.0261	0.7224
13.5	7,039,498	536,703	7.6242	92.3758	0.6865
14.5	5,625,130	391,852	6.9661	93.0339	0.6341
15.5	4,931,718	426,297	8.6440	91.3560	0.5900
16.5	4,232,635	352,007	8.3165	91.6835	0.5390
17.5	3,583,029	298,312	8.3257	91.6743	0.4942
18.5	2,897,179	229,331	7.9157	92.0843	0.4530
19.5	2,374,741	269,216	11.3367	88.6633	0.4172
20.5	1,941,201	168,353	8.6726	91.3274	0.3699
21.5	1,481,025	209,865	14.1702	85.8298	0.3378
22.5	1,151,055	78,405	6.8116	93.1884	0.2899
23.5	864,434	83,009	9.6027	90.3973	0.2702
24.5	781,425	87,278	11.1691	88.8309	0.2442
25.5	575,819	47,128	8.1846	91.8154	0.2169
26.5	470,041	30,873	6.5682	93.4318	0.1992
27.5	400,133	3,348	0.8367	99.1633	0.1861
28.5	388,753	71,395	18.3652	81.6348	0.1846
29.5	280,135	28,123	10.0391	89.9609	0.1507
30.5	227,080	46,034	20.2724	79.7276	0.1355
31.5	146,056	9,804	6.7124	93.2876	0.1081
32.5	109,202	45,506	41.6716	58.3284	0.1008
33.5	61,702	36,505	59.1644	40.8356	
34.5	25,196	798	3.1654	96.8346	0.0240
35.5	10,807	5,217	48.2773	51.7227	0.0233
36.5	5,589	0	0.0000	100.0000	0.0120
37.5	5,589	1,478	26.4442	73.5558	0.0120
38.5	4,111	0	0.0000	100.0000	0.0088
39.5	4,111	3,419	83.1606	16.8394	0.0088
40.5	692	692	100.0000	0.0000	0.0015
41.5	0	0	0.0000	100.0000	0.0000
42.5	0	0	0.0000	100.0000	0.0000
43.5	0	0	0.0000	100.0000	0.0000
44.5	0	0	0.0000	100.0000	0.0000

### **Observed Life Table Results** Florida Power & Light Company Account: 392.9 - Transportation - Trailers

Account:						
Age	Lxposures	Netire inchis	Ratio (%)	Ratio (%)	Survivors	
45.5	0	0	0.0000	100.0000	0.0000	
46.5	0	0	0.0000	100.0000	0.0000	
47.5	0	0	0.0000	100.0000	0.0000	
48.5	0	0	0.0000	100.0000	0.0000	
49.5	0	0	0.0000	100.0000	0.0000	
50.5	0	0	0.0000	100.0000	0.0000	
51.5	0	0	0.0000	100.0000	0.0000	
52.5	0	0	0.0000	100.0000	0.0000	
53.5	0	0	0.0000	100.0000	0.0000	
54.5	0	0	0.0000	100.0000	0.0000	
55.5	0	0	0.0000	100.0000	0.0000	
56.5	0	0	0.0000	100.0000	0.0000	
57.5	0	0	0.0000	100.0000	0.0000	
58.5	0	0	0.0000	100.0000	0.0000	
59.5	0	0	0.0000	100.0000	0.0000	
60.5	0	0	0.0000	100.0000	0.0000	
61.5	0	0	0.0000	100.0000	0.0000	

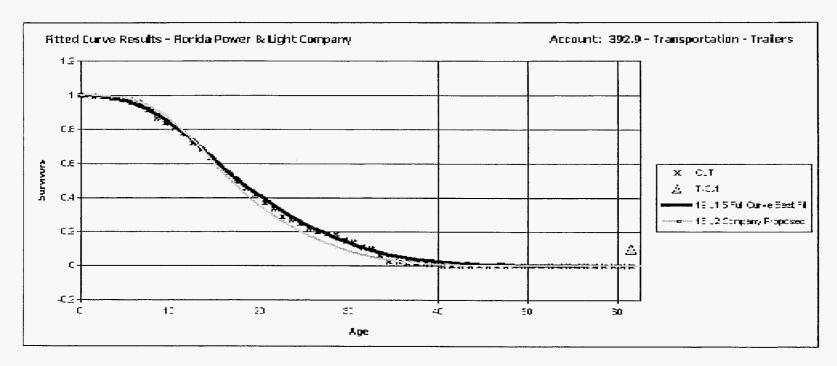
#### Best Fit Curve Results Florida Power & Light Company

Account: 392.9 - Transportation - Trailers

Curve	Life	Sum of
		Squared
		Differences
BAND	1941 - 2003	
L1.5	19.0	123.793
L2	19.0	307.554
L1	19.0	325.801
S0	18.0	
S0.5	18.0	463.721
S-0.5	18.0	757.608
R1	18.0	772.058
L0.5	18.0	814.614
R0.5	18.0	863.257
S1	18.0	873.349
R1.5	18.0	1,025.710
S1.5	19.0	1,505.863
L0	18.0	1,629.450
O1	18.0	1,692.119
R2	18.0	1,759.637
L3	19.0	1,913.376
S2	18.0	2,441.834
R2.5	18.0	2,692.503
O2	18.0	2,831.753
R3	18.0	4,048.905
S3	18.0	4,669.525
L4	18.0	5,379.128
R4	18.0	6,842.820
S4	18.0	8,010.152
O3	20.0	8,898.442
L5	18.0	8,902.290
R5	18.0	
S5	18.0	
O4	23.0	14,296.619
S6	18.0	
SQ	17.0	21,446.252

#### **Analytical Parameters**

OLT Placement Band: 1941 - 2003
OLT Experience Band: 1941 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 30
Life Increment Parameter: 1
Max Age (T-Cut): 61.5



#### **Analytical Parameters**

1941 - 2003
1941 - 2003
1
30
1
61.5

396.1 - Power Operated Equipment (Transportation)

## **Observed Life Table Results**

Florida Power & Light Company

Account: 396.1 - Power Operated Equipment (Transportation)

Account: 396.1 - Power Operated Equipment (Transportation)  Age   Exposures   Retirements   Retirement   Survivor   Cumulative						
Age	Exposures	Retirements		Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1953 - 2003			1 0000	
0	18,740,296	2,460,057	13.1271	86.8729	1.0000	
0.5	16,154,496	65,699		99.5933	0.8687	
1.5	15,498,172	482,972		96.8837	0.8652	
2.5	14,873,273	839,591	5.6450	94.3550	0.8382	
3.5	13,459,122	199,526		98.5175	0.7909	
4.5	12,628,137	891,804		92.9380		
5.5	11,624,592				0.7242	
6.5	10,664,792					
7.5	9,502,490					
8.5	8,454,917					
9.5	6,494,494					
10.5	5,133,221	746,326		85.4609		
11.5	4,244,806	552,652				
12.5	3,642,613	251,129				
13.5	3,338,937	713,469	21.3681	78.6319		
14.5	2,283,901	297,279	13.0163	86.9837	0.1933	
15.5	1,928,297	268,688	13.9340		0.1681	
16.5	1,385,420	158,934			0.1447	
17.5		176,580	14.5057	85.4943	0.1281	
18.5		142,389	14.5852	85.4148	0.1095	
19.5		61,636	8.0420	91.9580	0.0935	
20.5	640,362	101,858	15.9063	84.0937	0.0860	
21.5	547,105	13,556	2.4779	97.5221	0.0723	
22.5		15,622	2.9463	97.0537	0.0705	
23.5				98.4319	0.0685	
24.5	444,617	4,990	1.1224	98.8776	0.0674	
25.5		10,472	2.3645	97.6355	0.0666	
26.5		2,179	0.5039	99.4961	0.0651	
27.5		663	0.1526	99.8474	0.0647	
28.5		0	0.0000	100.0000	0.0646	
29.5		<del></del>	0.3230	99.6770	0.0646	
30.5			0.0000	100.0000	0.0644	
31.5			0.0000	100.0000	0.0644	
32.5			0.0000			
33.5		0	0.0000	100.0000	0.0644	
34.5			0.0000	100.0000	0.0644	
35.5			100.0000	0.0000	0.0644	
36.5				100.0000	0.0000	
37.5		0	0.0000	100.0000	0.0000	
38.5		<del></del>			0.0000	
39.5					0.0000	
40.5						
41.5						
42.5						
43.5						
44.5			<del></del>			

### **Observed Life Table Results**

Florida Power & Light Company
Account: 396.1 - Power Operated Equipment (Transportation)

Age	Exposures	Retirements		Survivor Ratio (%)	Cumulative Survivors
45.5	0	0	0.0000	100.0000	0.0000
46.5	0	0	0.0000	100.0000	0.0000
47.5	0	0	0.0000	100.0000	0.0000
48.5	0	0	0.0000	100.0000	0.0000
49.5	0	0	0.0000	100.0000	0.0000

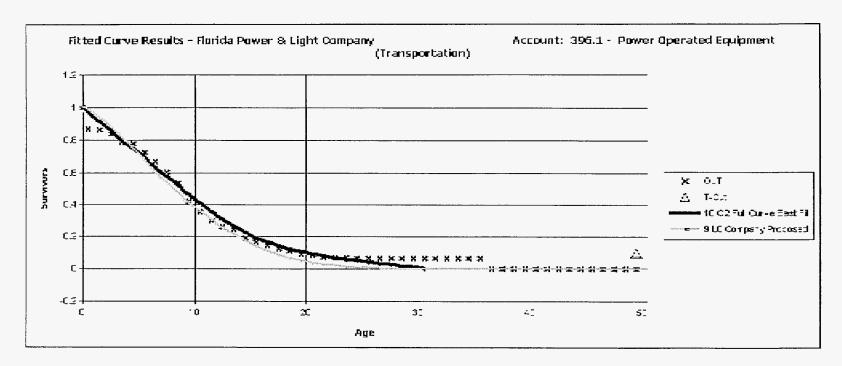
#### Best Fit Curve Results Florida Power & Light Company

Account: 396.1 - Power Operated Equipment (Transportation)

Curve	Life	Sum of
		Squared
		Differences
BAND	1953 - 2003	
O2	10.0	653.182
L0	10.0	922.065
L0.5	10.0	1,113.226
O3	11.0	1,353.156
O1	9.0	1,369.600
L1	10.0	1,488.453
S-0.5	9.0	1,522.630
R0.5	9.0	1,550.587
L1.5	10.0	1,879.495
S0	9.0	1,962.874
R1	9.0	2,100.457
S0.5	9.0	2,391.899
L2	10.0	2,473.602
R1.5	9.0	2,663.763
O4	12.0	2,840.189
S1	9.0	2,992.533
R2	9.0	3,467.227
S1.5	9.0	3,595.959
L3	10.0	4,085.301
R2.5	9.0	4,250.974
S2	9.0	4,350.561
R3	9.0	5,246.497
S3	9.0	5,822.472
L4	9.0	6,220.881
R4	9.0	6,993.744
S4	9.0	7,725.820
L5	9.0	8,172.714
R5	9.0	9,035.954
S5	9.0	9,517.333
S6	9.0	11,098.838
SQ	9.0	14,331.996

#### **Analytical Parameters**

OLT Placement Band:	1953 - 2003
OLT Experience Band:	1953 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	25
Life Increment Parameter:	1
Max Age (T-Cut):	49.5



#### **Analytical Parameters**

OLT Placement Band:	1953 - 2003
OLT Experience Band:	1953 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	25
Life Increment Parameter:	1
Max Age (T-Cut):	49.5

396.8 - Other Power Operated Equipment

### **Observed Life Table Results**

Florida Power & Light Company
Account: 396.8 - Other Power Operated Equipment

Account: 396.8 - Other Power Operated Equipment						
Age	Exposures	Retiremen	Retirement	Survivor	Cumulative	
			Ratio (%)	Ratio (%)	Survivors	
BAND		1956 - 199				
0	178,995	0	0.0000		1.0000	
0.5	178,995	0	0.0000	100.0000	1.0000	
1.5	178,995	0	0.0000	100.0000	1.0000	
2.5	236,543	0	0.0000	100.0000	1.0000	
3.5	242,556	0	0.0000	100.0000	1.0000	
4.5	242,556	135,560	55.8880	44.1120	1.0000	
5.5	106,996	0	0.0000	100.0000	0.4411	
6.5	106,996	0	0.0000	100.0000	0.4411	
7.5	143,048	13,501	9.4380	90.5620	0.4411	
8.5	139,305	0	0.0000	100.0000	0.3995	
9.5	106,149	1	0.0009	99.9991	0.3995	
10.5	106,148	0	0.0000	100.0000	0.3995	
11.5	106,148	0	0.0000	100.0000	0.3995	
12.5	106,148	57,548	54.2143	45.7857	0.3995	
13.5	48,601	12,548	25.8196	74.1804	0.1829	
14.5	36,052	0	0.0000	100.0000	0.1357	
15.5	36,959	36,052	97.5456	2.4544	0.1357	
16.5	907	0	0.0000	100.0000	0.0033	
17.5	1,885	0	0.0000	100.0000	0.0033	
18.5	1,885	0	0.0000	100.0000	0.0033	
19.5	1,885	0	0.0000	100.0000	0.0033	
20.5	1,885	0	0.0000	100.0000	0.0033	
21.5	1,885	0	0.0000	100.0000	0.0033	
22.5	5,199	0	0.0000	100.0000	0.0033	
23.5	46,457	0	0.0000	100.0000	0.0033	
24.5	46,457	0	0.0000	100.0000	0.0033	
25.5	49,874	0	0.0000	100.0000	0.0033	
26.5	49,874	0	0.0000	100.0000	0.0033	
27.5	49,874	0	0.0000	100.0000	0.0033	
28.5	49,874	4,222	8.4646	91.5354	0.0033	
29.5	45,652	32,450	71.0805	28.9195	0.0030	
30.5	13,202	978	7.4040	92.5960	0.0009	
31.5	12,225	3,417	27.9494	72.0506	0.0008	
32.5	9,668	0	0.0000	100.0000	0.0006	
33.5	9,668	0	0.0000	100.0000	0.0006	
34.5	9,668	0	0.0000	100.0000	0.0006	
35.5	9,668	8,808	91.1104	8.8896	0.0006	
36.5	859	0	0.0000	100.0000	0.0001	
37.5	859	0	0.0000	100.0000	0.0001	
38.5	859	859	100.0000	0.0000	0.0001	
39.5	0	0	0.0000	100.0000	0.0000	
40.5	0	0	0.0000	100.0000	0.0000	
41.5	0	0	0.0000	100.0000	0.0000	
42.5	0	0	0.0000	100.0000	0.0000	
43.5	0	0	0.0000	100.0000	0.0000	
44.5	0	0	0.0000	100.0000	0.0000	

Observed Life Table Results Florida Power & Light Company

Account: 396.8 - Other Power Operated Equipment

Age	Exposures		Retirement Ratio (%)		Cumulative Survivors
45.5	0	0	0.0000	100.0000	0.0000
46.5	0	0	0.0000	100.0000	0.0000

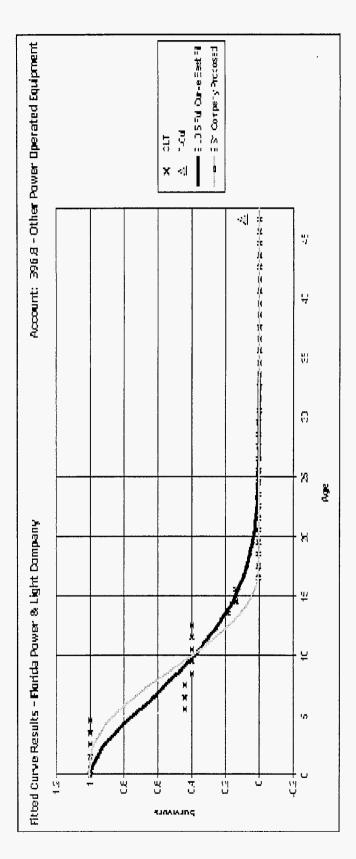
#### Best Fit Curve Results Florida Power & Light Company

Account: 396.8 - Other Power Operated Equipment

Curve	Life	Sum of
		Squared
		Differences
BAND	1956 - 2003	
L0.5	9.0	2,604.938
L1	9.0	2,608.066
L0	9.0	2,767.437
S-0.5	9.0	2,874.937
L1.5	9.0	2,960.788
O1	9.0	2,982.707
S0	9.0	3,054.380
R0.5	9.0	3,134.893
O2	9.0	3,310.909
L2	9.0	3,496.274
S0.5	9.0	3,510.458
R1	9.0	3,655.961
S1	9.0	4,138.141
R1.5	9.0	4,360.552
S1.5	9.0	
O3	9.0	5,235.673
R2	9.0	5,305.297
L3	8.0	
S2	9.0	6,010.211
R2.5	9.0	6,441.616
O4	10.0	7,617.517
R3	9.0	7,789.711
S3	8.0	8,117.016
L4	8.0	8,595.936
R4	7.0	9,943.243
S4	7.0	10,316.544
L5	7.0	10,774.012
R5	6.0	
S5	6.0	
S6	6.0	
SQ	5.0	14,521.312

#### **Analytical Parameters**

OLT Placement Band: 1956 - 1994
OLT Experience Band: 1956 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 25
Life Increment Parameter: 1
Max Age (T-Cut): 46.5



1956 - 1994	1956 - 2003	~-	25	_	46.5
Analytical Parameters OLT Placement Band:	OLT Experience Band:	Minimum Life Parameter:	Maximum Life Parameter:	Life Increment Parameter:	Max Age (T-Cut):

Snavely King Majoros O'Connor & Lee, Inc. - Life Study

397.8 - Communications Equipment - Fiber Optics

### **Observed Life Table Results**

Florida Power & Light Company
Account: 397.8 - Communications Equipment - Fiber Optics

Age	Exposures	Retirements	irements Retirement Survivor Cumula		
	·		Ratio (%)	Ratio (%)	Survivors
BAND		1983 - 2003			
0	93,533,770	0	0.0000	100.0000	1.0000
0.5	92,972,912	7,989,123		91.4070	
1.5	89,362,828	29,405,175		67.0946	0.9141
2.5	59,621,704	21,550,762	36.1458	63.8542	0.6133
3.5	36,228,827	4,102,441	11.3237	88.6763	0.3916
4.5	31,309,008	1,172,577	3.7452	96.2548	0.3473
5.5	29,850,406	12,709,856	42.5785	57.4215	0.3343
6.5	16,767,673	7,174,211	42.7860	57.2140	0.1919
7.5	9,329,841	797,812		91.4488	0.1098
8.5	8,406,522	2,420,641	28.7948	71.2052	0.1004
9.5	5,758,709	688,215	11.9509	88.0491	0.0715
10.5	4,760,150	3,647,360	76.6228	23.3772	0.0630
11.5	1,069,701	791,842	74.0246	25.9754	0.0147
12.5	277,859		0.0000		0.0038
13.5	277,859	163,042	58.6779	41.3221	0.0038
14.5	42,432	0	0.0000	100.0000	0.0016
15.5			0.0000	100.0000	0.0016
16.5	20,815	0	0.0000	100.0000	0.0016
17.5	20,815	0	0.0000		0.0016
18.5	0	0	0.0000		0.0016
19.5	0	0	0.0000	100.0000	0.0016

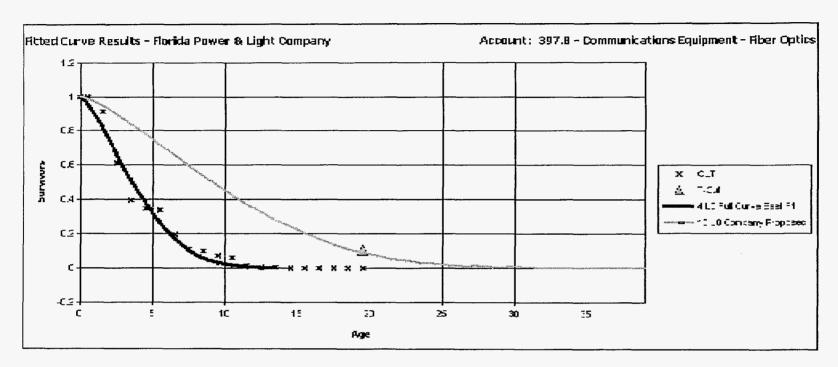
#### Best Fit Curve Results Florida Power & Light Company

Account: 397.8 - Communications Equipment - Fiber Optics

Curve	Life	Sum of
	}	Squared
		Differences
BAND	1983 - 2003	
LO	4.0	419.638
02	4.0	443.154
L0.5	4.0	498.372
L1	4.0	650.351
01	4.0	792.267
O3	4.0	794.801
S-0.5	4.0	854.354
L1.5	4.0	879.243
R0.5	4.0	984.442
S0	4.0	1,045.005
L2	4.0	1,189.142
S0.5	4.0	1,296.024
R1	4.0	1,340.677
O4	5.0	1,548.285
S1	4.0	1,623.090
R1.5	4.0	1,693.928
S1.5	4.0	2,007.407
R2	4.0	2,153.955
L3	4.0	2,172.172
S2	4.0	2,458.929
R2.5	4.0	2,639.435
R3	3.0	3,195.033
S3	3.0	3,288.466
L4	3.0	3,453.522
R4	3.0	3,740.569
S4	3.0	4,002.026
L5	3.0	4,303.602
R5	3.0	4,719.197
S5	3.0	4,986.924
S6	3.0	5,907.131
SQ	3.0	6,109.363

#### **Analytical Parameters**

OLT Placement Band: 1983 - 2003
OLT Experience Band: 1983 - 2003
Minimum Life Parameter: 1
Maximum Life Parameter: 40
Life Increment Parameter: 1
Max Age (T-Cut): 19.5



#### **Analytical Parameters**

OLT Placement Band:	1983 - 2003
OLT Experience Band:	1983 - 2003
Minimum Life Parameter:	1
Maximum Life Parameter:	40
Life Increment Parameter:	1
Max Age (T-Cut):	19.5

#### 397.8 - Communications Equipment - Fiber Optics

# Calculation of Remaining Life Based Upon Broad Group/Vintage Group Life Group Procedures Related to Original Cost as of December 31, 2003

Survivor Curve .. IOWA:

4

L0

	BG/VG Average										
		Surviving	Service	Remaining	ASL	RL					
<u>Year</u>	<u>Age</u>	<u>Investment</u>	<u>Life</u>	<u>Life</u>	<b>Weights</b>	<u>Weights</u>					
(1)	(2)	(3)	(4)	(5)	(6)=(3)/(4)	(7)=(6)*(5)					
2003	0.5	712,026	4.00	3.66	178,007	651,594					
2002	1.5	374,475	4.00	3.18	93,619	297,768					
2001	2.5	698,236	4.00	2.80	174,559	489,145					
2000	3.5	1,997,383	4.00	2.47	499,346	1,233,966					
1999	4.5	908,301	4.00	2.18	227,075	494,878					
1998	5.5	361,658	4.00	1.92	90,415	173,666					
1997	6.5	372,877	4.00	1.69	93,219	157,572					
1996	7.5	264,832	4.00	1.48	66,208	98,239					
1995	8.5	125,507	4.00	1.30	31,377	40,709					
1994	9.5	227,172	4.00	1.13	56,793	64,077					
1993	10.5	310,344	4.00	0.97	77,586	75,493					
1992	11.5	43,089	4.00	0.83	10,772	8,928					
1991	12.5	0	4.00	0.69	0	0					
1990	13.5	0	4.00	0.56	0	0					
1989	14.5	72,386	4.00	0.50	18,096	9,048					
1988	15.5	21,617	4.00	0.50	5,404	2,702					
1987	16.5	0	4.00	0.50	0	0					
1986	17.5	0	4.00	0.50	0	0					
1985	18.5	20,815	4.00	0.50	5,204	2,602					
1984	19.5	0	4.00	0.50	0	0					
1983	20.5	2	4.00	0.50	1	0					
		6,510,718			1,627,680	3,800,387					
AVERAGE S	ERVICE L	JIFE				4.00					
AVERAGE R	EMAININ	G LIFE				2.33					

Florida Power & Light Co. Net Salvage Experience Ten-Year Average - 1994-2003 Trans., Dist. and General Plant

#### General Ledger 108.4 Salvage

		Salvage										
Plant Account	Ledger Year <u>1994</u>	Ledger Year <u>1995</u>	Ledger Year <u>1996</u>	Ledger Year <u>1997</u>	Ledger Year <u>1998</u>	Ledger Year <u>1999</u>	Ledger Year <u>2000</u>	Ledger Year <u>2001</u>	Ledger Year 2002	Ledger Year 2003		
Transmission												
350.2	-	-	-	-	-		-	-		-		
352.0	3,608	6,013	25,031	71,108	-	(3)	-	(1)	1,660	535		
353.0	189,886	68,075	101,507	154,397	54,116	17,898	53,194	10,381	31,702	60,648		
353.1	-	-	-	-	-	-	-	-	-	-		
354.0	3,208	-	-	-	-	-	-	-	-	-		
355.0	42,637	45,078	21,199	24,442	8,255	6,326	2,693	3,532	4,262	51,461		
356.0	186,701	75,857	116,505	72,554	4,330	7,424	86,212	27,280	25,220	25,963		
357.0	· <u>-</u>	-	-	-	-	-	-	-	-	-		
358.0		-	-	-	-	-	-	-	_	-		
359.0	-	-	-	-	-	-						
Total: Transmission	426,041	195,024	264,242	322,501	66,700	31,645	142,099	41,192	62,844	138,606		
Distribution												
361.0	99,014	17,887	14,488	2,479	3,396	696	-	-	-	14,012		
362.0	671,677	277,456	122,102	37,608	63,89 <b>2</b>	7,239	89,766	18,294	2,960	32,720		
364.0	189,675	330,708	466,400	592,919	580,266	285,937	247,254	153,842	144,824	111,069		
365.0	327,407	529,417	637,251	809,840	786,136	382,542	349,701	200,171	204,817	150,786		
366.6	6,979	6,030	686	1,404	94	(155)	(114)	5	153	69		
366.7	1,132	128	39	1,277	11	(29)	10	(0)	17	(4)		
367.6	102,045	64,821	43,677	46,197	33,660	(1,796)	(436)	(50)	1,109	(308)		
367.7	58,681	132,832	154,257	117,493	120,737	55,344	50,801	32,685	30,665	22,838		
368.0	42,874	61,855	13,004	38,037	18,138	(5,829)	11,576	73,124	267,506	68,461		
369.1	33,444	28,603	21,356	36,314	27,939	14,813	12,705	7,863	7,964	5,696		
369.7	5,677	999	355	295	96	(48)	0	(136)	1,152	(60)		
370.0	8,791	189	42		68,495	(52,062)	(4,291)	283	(985)	1,841		
371.0	11,711	7,215	4,260	1,877	2,001	1,448	1,846	253	(77)	95		
373.0	67,120	24,469	119,118	191,983	154,279	39,353	7,796	2,618	3,817	57,055		
Total : Distribution	1,626,227	1,482,608	1,597,035	1,877,722	1,859,142	727,453	766,614	488,951	663,924	464,272		
General Plant												
390.0	_	_	_	-	-	_	_	_	_	_		
392 - Aircraft (Jet)	-	_	_	_	-	-	_	-	-	-		
393 - Rotary Wing	-	-	-	_	-	-	-	-	-	-		
392.1	-		-	-	-	_	-	-	-	-		
392.2		-	-	-	_	-	-	_	-	-		
392.3	•	-	_	_	-	-	-	_	_	_		
392.4	_	-	-	_	_	_	-	_	_	_		
392.9		_	-		-		_	-	_	_		
396.1	_	_	_	_	_	_	_	_		_		
396.8		_	_	_	_	_	_	_	-	_		
390.6	•	_		-	_	_	_	_	_			
	<u></u>					<del></del>				<del></del>		
Total : General Plant	-	•	-	-	-	-	-	-	-	•		
Total: T, D & G	2,052,268	1,677,632	1,861,277	2,200,223	1,925,842	759,098	908,713	530,143	726,768	602,878		

Source: Net Salvage Shrinking Band.xls provided in response to OPC POD 2-10.

Florida Power & Light Co. Net Salvage Experience Ten-Year Average - 1994-2003 Trans., Dist. and General Plant

General Ledger 108.9 Other Recoveries

		Other Recoveries									
Plant Account	Ledger Year <u>1994</u>	Ledger Year 1995	Ledger Year <u>1996</u>	Ledger Year 1997	Ledger Year <u>1998</u>	Ledger Year 1999	Ledger Year 2000	Ledger Year 2001	Ledger Year 2002	Ledger Year 2003	Total For Years 1994-2003
Transmission											
350.2	-	-	_	_	-	-	50	_	_	-	50
352.0	(6,892)	_		55	_	_		-	_	-	(6,837)
353.0	251,428	583,380	3,875,877	1,352,571	72,935	786,182	239,960	(1,095,513)	2,667,757	346,017	9,080,594
353.1		-	-	-	-,	-	,	-	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	-
354.0	-		-	-	_	_	_	67,690	_	_	67,690
355.0	(708,059)	14,360	354,262	256,317	193,757	460,823	1,791,071	6,376,854	6,397,815	7,626	15,144,826
356.0	826,302	5,131	21,833	24,032	3,826	117,828	133,759	138,791	308,914	122,803	1,703,220
357.0		•		2,029,590	3,523	892,277	3,125,260	.00,70.	-	-	6,047,127
358.0	-	_	_	670,410	_	226,555	713,332	_	_	_	1,610,296
359.0		_	-	-	_	-	- 10,002	-	20,212	-	20,212
Total: Transmission	362,779	602,872	4,251,972	4,332,974	270,518	2,483,664	6,003,432	5,487,823	9,394,699	476,446	33,667,178
Distribution											
361.0	(6,274)			2,151,446	(1,619,104)						526,067
362.0	317,774	26,145	166,391	1,413,037		240.646	424 244	440.202	105,083	29,534	
	· ·				(1,149,455)	310,616	431,311	149,203			1,799,637
364.0	1,984,991	1,583,410	1,581,717	1,056,739	1,342,816	1,094,167	1,901,553	190,439	1,206,481	1,182,799	13,125,112
365.0	405,311	136,613	372,225	887,795	1,048,375	626,587	1,483,993	408,886	1,283,451	955,027	7,608,263
366.6	74,278	215,945	38,234	371,701	66,093	155,504	28,483	33,557	17,560	44,026	1,045,381
366.7	12,028	8,844	14,314	17,968	27,272	7,336	9,487	8,711	5,674	13,590	125,223
367.6	222,076	483,769	368,347	514,653	368,415	664,332	806,404	782,383	401,174	517,755	5,129,308
367.7	97,856	(94,472)	144,479	414,159	389,707	199,668	337,262	208,038	526,453	175,524	2,398,673
368.0	544,364	376,218	281,411	185,224	195,182	352,917	278,858	156,016	224,693	132,691	2,727,574
369.1	30,358	41,943	41,144	38,451	247,269	107,483	226,094	97,351	161,731	46,110	1,037,934
369.7	49,188	56,724	34,876	56,476	289,612	114,745	174,988	157,946	67,688	188,288	1,190,532
370.0	37,000	13,461		221		(1,567)	13	311		113	49,551
371.0	10,515	21,226	10,039	47,123	45,983	118,903	309,413	329,767	133,255	34,294	1,060,518
373.0	148,994	115,002	80,707	452,350	318,254	865,018	2,065,942	1,524,790	361,916	742,918	6,675,890
Total: Distribution	3,928,460	2,984,827	3,133,884	7,607,343	1,570,419	4,615,709	8,053,800	4,047,398	4,495,157	4,062,668	44,499,664
General Plant											
390.0	-	-	-	1,719,964	-	5,450	55,660	(55,660)	-	-	1,725,414
392 - Aircraft (Jet)			-		-	6,238,675	-	-		4,028,000	10,266,675
393 - Rotary Wing			-		-	712,900	712,900	-			1,425,800
392.1	33,821	18,436	37,656	20,142	26,966	49,433	55,540	48,518	-	-	290,511
392.2	453,571	177,164	362,616	15,793	814,536	376,761	328,916	240,797	34,249	(20,512)	2,783,891
392.3	2,128,937	1,686,313	2,241,754	1,866,755	1,157,229	2,908,735	1,700,945	1,047,618	546,652	387,667	15,672,605
392.4	41,266	-	32,524	83,733	29,728	-	13,230	-	-	-	200,481
392.9	170,029	68,592	174,252	25,493	90,751	107,037	231,026	54,519	-	-	921,698
396.1	36,121	83,621	76,756	148,413	13,198	300,336	138,712	31,576	-	-	828,734
396.8	-	-	-	-	-	53,311	11,178	-	-	-	64,488
397.8	<u></u>		17,000			876,907	776,875	-	-	1,062,589	2,733,371
Total : General Plant	2,866,991	2,117,459	2,873,498	3,887,479	2,200,168	12,100,332	4,013,661	1,451,466	580,901	5,457,745	37,549,699
Total: T, D & G	7,158,229	5,705,158	10,259,354	15,827,796	4,041,104	19,199,705	18,070,892	10,986,687	14,470,756	9,996,859	115,716,542

Source: Net Salvage Shrinking Band.xls provided in response to OPC POD 2-10.

Florida Power & Light Co. Net Salvage Experience Ten-Year Average - 1994-2003 Trans., Dist. and General Plant

#### General Ledger 108.3 Removal Cost

	Removal Cost										
Plant Account	Ledger Year <u>1994</u>	Ledger Year 1995	Ledger Year 1996	Ledger Year 1997	Ledger Year 1998	Ledger Year 1999	Ledger Year 2000	Ledger Year 2001	Ledger Year 2002	Ledger Year 2003	Total For Years 1994-2003
Transmission											
350.2		-	_	_	_	-	_	_	-	-	-
352.0	298,658	(3,828)	4,773	21,596	48,911	6,309	546	16,269	14,366	311,764	719,365
353.0	760,311	796,505	1,271,257	1,011,865	1,145,559	1,379,489	439,954	1,174,401	1,599,001	264,947	9,843,290
353.1	100,011	-	1,271,207	-	1,110,000	1,010,100	1,164	16,779	-		17,944
354.0	5,415	1,350	56,659	537	(0)	(410)	1,101	10,110	26,309	(9,308)	80,552
355.0	1,775,005	1,287,485	1,552,481	1,455,606	1,919,510	2,358,341	4,054,758	3,723,660	6,834,725	5,452,608	30,414,178
356.0	737,894	793,744	748,494	967,511	1,938,109	1,244,490	2,579,227	2,999,753	3,185,509	3,817,211	19,011,943
357.0	204,691	27,313	7,890	70,603	2,141	14,732	(3,202)	(17)	17,957	25,940	368,049
358.0	204,691	10,708	70,367	58,865	10,863	17,292	238	41,022	11,822	35,673	461,541
359.0	9,391	9,149	30,079	4,630	18,189	8,180	4,910	6,673	17,973	9,373	118,547
	***************************************										
Total: Transmission	3,996,057	2,922,426	3,742,001	3,591,214	5,083,282	5,028,423	7,077,596	7,978,540	11,707,662	9,908,208	61,035,409
Distribution											
361.0	44,897	15,254	29,405	19,377	29,473	117,930	27,023	41,022	120,000	9,653	454,035
362.0	1,192,191	772,664	963,263	918,138	2,189,316	859,748	748,063	1,146,917	623,732	438,204	9,852,236
364.0	3,590,819	3,030,324	2,699,137	2,762,267	3,743,970	3,301,947	3,458,652	4,258,032	4,101,694	5,456,920	36,403,761
365.0	3,378,862	3,406,486	3,325,251	2,815,340	4,488,362	4,767,758	5,239,890	4,969,825	6,243,464	7,379,017	46,014,254
366.6	65,753	95,998	77,916	73,523	88,440	100,128	217,272	162,830	187,308	62,175	1,131,342
366.7	(54,041)	(25,828)	(55,509)	121,889	(39,183)	612,752	(503,082)	195,173	125,902	(326,211)	51,862
367.6	583,376	632,227	800,881	494,103	449,542	648,257	884,426	926,127	824,327	756,634	6,999,900
367.7	105,297	101,903	72,996	306,000	270,175	1,827,255	(917,935)	805,903	570,810	(1,077,663)	2,064,741
368.0	2,446,207	3,602,392	4,355,410	4,354,875	5,852,975	5,643,016	6,123,577	5,835,314	5,507,690	4,721,622	48,443,078
369.1	1,032,517	1,058,621	788,252	606,838	741,852	959,326	1,236,826	1,525,710	1,606,408	2,103,100	11,659,450
369.7	50,362	74,254	39,008	66,612	42,409	77,875	71,390	95,026	203,059	232,497	952,492
370.0	223	, 70	· •	-	736	260	584	19	1,939,627	1,927,382	3,868,901
371.0	241,060	279,861	197,140	99,667	98.053	146,464	278,127	307,137	287,726	175,867	2,111,101
373.0	809,651	1,051,358	940,348	524,559	377,510	728,527	1,203,220	1,252,097	1,744,826	1,753,704	10,385,800
Total: Distribution	13,487,174	14,095,583	14,233,498	13,163,188	18,333,630	19,791,242	18,068,032	21,521,132	24,086,573	23,612,902	180,392,954
General Plant											
390.0	14,088	168,485	186,189	1,491,265	449,116	344,168	61,533	93,581	174,512	63,540	3,046,477
392 - Aircraft (Jet)	.,,	-	-	.,,=00	-	0 / 1, 100	0.,000	00,00	,	55,5	-
393 - Rotary Wing			_		_	-	_	_			_
392.1	_		_	_	-	_	_	1,149	_		1,149
392.2	_	_	-	_	29	54	_	5,533	-	-	5,615
392.3	_	_	_	62,633	(64,350)	360	(653)	48,010	26,458	23,178	95,635
392.4	_		_	02,000	(04,000)	-	(000)	40,010	20,400	20,110	-
392.9		_	-	-	-		-	1,765	_	_	1,765
396.1		_	_	_	Ţ.		(734)	2,684		_	1,951
396.8	•	_	-	-	•	•	(734)	2,004		•	1,001
390.8	100	015	27 0F7	(222)	0.763	42.044	5.009	122 520	719	(717)	218,904
	108	845	37,857	(232)	9,763	42,014	5,008	123,539		(717)	
Total : General Plant	4,090	169,330	215,143	1,563,776	369,930	319,955	142,922	291,367	201,689	86,000	3,364,201
Total: T, D & G	17,487,320	17,187,339	18,190,642	18,318,178	23,786,842	25,139,620	25,288,550	29,791,040	35,995,923	33,607,110	244,792,563

Source: Net Salvage Shrinking Band.xls provided in response to OPC POD 2-10.

Florida Power & Light Co. Net Salvage Experience Ten-Year Average - 1994-2003 Trans., Dist. and General Plant

	Net Salvage											
Plant Account	Ledger Year 1994	Ledger Year 1995	Ledger Year 1996	Ledger Year 1997	Ledger Year 1998	Ledger Year 1999	Ledger Year 2000	Ledger Year 2001	Ledger Year 2002	Ledger Year 2003	Total For Years 1994-2003	Average For Years 1994-20(
Transmission												
350.2		-		-	-	-	50	-	-	-	50	
352.0	(301,942)	9,840	20,258	49,567	(48,911)	(6,312)	(546)	(16,269)	(12,705)	(311,229)	(618,250)	(61,8
353.0	(318,997)	(145,050)	2,706,127	495,103	(1,018,508)	(575,408)	(146,800)	(2,259,533)	1,100,457	141,719	(20,892)	(2,0
353.1	-	` ' -	-	· -	-	-	(1,164)	(16,779)	•	· -	(17,944)	(1,7
354.0	(2,207)	(1,350)	(56,659)	(537)	0	410		67,690	(26,309)	9,308	(9,654)	(9
355.0	(2,440,427)		(1,177,020)	(1,174,847)	(1,717,498)	(1,891,193)	(2,260,993)	2,656,727	(432,647)	(5,393,521)	(15,059,466)	(1,505,9
356.0	275,110	(712,756)	(610,156)	(870,926)	(1,929,953)	(1,119,239)	(2,359,257)	(2,833,682)	(2,851,375)	(3,668,446)	(16,680,678)	(1,668,0
357.0	(204,691)	(27,313)	(7,890)	1,958,987	(2,141)	877,545	3,128,462	17	(17,957)	(25,940)	5,679,078	567,9
358.0	(204,691)	(10,708)	(70,367)	611,545	(10,863)	209,263	713,094	(41,022)	(11,822)	(35,673)	1,148,756	114,8
359.0	(9,391)	(9,149)	(30,079)	(4,630)	(18,189)	(8,180)	(4,910)	(6,673)	2,239	(9,373)	(98,335)	(9,8
Total: Transmission		(2,124,531)	774,213	1,064,261	(4,746,064)	(2,513,114)	(932,065)	(2,449,525)	(2,250,119)	(9,293,155)	(25,677,336)	(2,567,7
Distribution												
361.0	47,842	2,632	(14,917)	2,134,548	(1,645,181)	(117,234)	(27,023)	(41,022)	(120,000)	4,359	224,005	22,4
362.0	(202,741)	(469,063)	(674,770)	532,507	(3,274,879)	(541,893)	(226,986)	(979,420)	(515,690)	(375,950)	(6,728,885)	(672,8
364.0	(1,416,153)	(1,116,205)	(651,019)	(1,112,610)	(1,820,888)	(1,921,843)	(1,309,844)	(3,913,752)	(2,750,389)	(4,163,052)	(20,175,755)	(2,017,5
365.0	(2,646,143)	(2,740,457)	(2,315,775)	(1,117,705)	(2,653,850)	(3,758,628)	(3,406,195)	(4,360,768)	(4,755,196)	(6,273,205)	(34,027,923)	(3,402,7
366.6	15,503	125,977	(38,996)	299,582	(22,253)	55,221	(188,903)	(129,268)	(169,595)	(18,080)	(70,813)	(7,0
366.7	67,201	34,800	69,862	(102,643)	66,465	(605,445)	512,579	(186,462)	(120,212)	339,798	75,942	7,5
367.6	(259,255)	(83,636)	(388,858)	66,747	(47,467)	14,279	(78,458)	(143,793)	(422,044)	(239, 188)	(1,581,672)	(158,1
367.7	51,240	(63,543)	225,740	225,652	240,270	(1,572,243)	1,305,998	(565,180)	(13,693)	1,276,025	1,110,266	111,0
368.0	(1,858,969)	(3,164,319)	(4,060,994)	(4,131,614)	(5,639,655)	(5,295,929)	(5,833,142)	(5,606,174)	(5,015,491)	(4,520,470)	(45,126,757)	(4,512,6
369.1	(968,714)	(988,075)	(725,752)	(532,073)	(466,645)	(837,030)	(998,027)	(1,420,495)	(1,436,713)	(2,051,294)	(10,424,818)	(1,042,4
369.7	4,504	(16,531)	(3,777)	(9,841)	247,298	36,823	103,598	62,784	(134,218)	(44,270)	246,369	24,6
370.0	45,568	13,580	42	221	67,759	(53,889)	(4,862)	574	(1,940,612)	(1,925,428)	(3,797,047)	(379,7
371.0	(218,834)	(251,420)	(182,841)	(50,667)	(50,068)	(26,112)	33,132	22,882	(154,548)	(141,477)	(1,019,953)	(101,9
373.0	(593,537)	(911,887)	(740,523)	119,773	95,024	175,843	870,518	275,311	(1,379,093)	(953,731)	(3,042,302)	(304,2
Total: Distribution	(7,932,487)	(9,628,148)	(9,502,579)	(3,678,123)	(14,904,069)	(14,448,080)	(9,247,618)	(16,984,784)	(18,927,492)	(19,085,962)	(124,339,342)	(12,433,9
General Plant	(4.1.22)											
390.0	(14,088)	(168,485)	(186,189)	228,699	(449,116)	(338,718)	(5,873)	(149,241)	(174,512)	(63,540)	(1,321,063)	(132,1
392 - Aircraft (Jet)	-	-	-	-	-	6,238,675		-	-	4,028,000	10,266,675	1,026,6
393 - Rotary Wing	-	40.400	07.050		••	712,900	712,900		-	-	1,425,800	142,5
392.1	33,821	18,436	37,656	20,142	26,966	49,433	55,540	47,369	-	(00 = (0)	289,362	28,9
392.2	453,571	177,164	362,616	15,793	814,507	376,707	328,916	235,264	34,249	(20,512)	2,778,275	277,8
392.3	2,128,937	1,686,313	2,241,754	1,804,122	1,221,579	2,908,375	1,701,599	999,608	520,194	364,489	15,576,970	1,557,6
392.4	41,266	00.500	32,524	83,733	29,728		13,230		-	-	200,481	20,0
392.9 396.4	170,029	68,592	174,252	25,493	90,751	107,037	231,026	52,754	-	-	919,933	91,9
396.1	36,121	83,621	76,756	148,413	13,198	300,336	139,446	28,892	-	-	826,784	82,6
396.8	(400)	(0.45)	(20 857)	-	(0.703)	53,311	11,178	(400,500)	(7.10)	4 000 007	64,488	6,4
397.8	(108)	(845)	(20,857)	232	(9,763)	834,893	771,866	(123,539)	(719)	1,063,307	2,514,467	251,4
Total: General Plant	2,862,901	1,948,129	2,658,355	2,323,703	1,830,238	11,780,377	3,870,739	1,160,099	379,212	5,371,745	34,185,499	3,418,5
Total: T, D & G	(8,276,823)	(9,804,549)	(6,070,010)	(290,159)	(17,819,895)	(5,180,816)	(6,308,944)	(18,274,209)	(20,798,399)	(23,007,373)	(115,831,178)	(11,583,1

General Ledger 108.4

			Salv	vage		
Plant Account	Ledger Year 1999	Ledger Year 2000	Ledger Year 2001	Ledger Year 2002	Ledger Year 2003	Total For Years 1999-2003
Transmission						
350.2	-	-	_	_	-	
352.0	(3)	-	(1)	1,660	535	2,191
353.0	17,898	53,194	10,381	31,702	60,648	173,823
353.1	· -		· -		-	-
354.0	_	-	-	-		_
355.0	6,326	2,693	3,532	4,262	51,461	68,274
356.0	7,424	86,212	27,280	25,220	25,963	172,098
357.0	-		,	,		
358.0	_	-	_	-	_	-
359.0	-	_	-	_	_	-
Total: Transmission	31,645	142,099	41,192	62,844	138,606	416,387
Distribution						
361.0	696	-	-	-	14,012	14,708
362.0	7,239	89,766	18,294	2,960	32,720	150,980
364.0	285,937	247,254	153,842	144,824	111,069	942,927
365.0	382,542	349,701	200,171	204,817	150,786	1,288,017
366.6	(155)	(114)	5	153	69	(42)
366.7	(29)	10	(0)	17	(4)	(7)
367.6	(1,796)	(436)	(50)	1,109	(308)	(1,481)
367.7	55,344	50,801	32,685	30,665	22,838	192,333
368.0	(5,829)	11,576	73,124	267,506	68,461	414,839
369.1	14,813	12,705	7,863	7,964	5,696	49,042
369.7	(48)	0	(136)	1,152	(60)	908
370.0	(52,062)	(4,291)	283	(985)	1,841	(55,214)
371.0	1,448	1,846	253	(77)	95	3,566
373.0	39,353	7,796	2,618	3,817	57,055	110,638
Total: Distribution	727,453	766,614	488,951	663,924	464,272	3,111,214
General Plant						
390.0	-	-	-	_	-	-
392 - Aircraft (Jet)	-	-	-	-	-	-
393 - Rotary Wing	-	-	-	-	-	-
392.1	-	-	-	-	-	-
392.2	•	-	-	-	-	-
392.3	-	-	-	-	-	-
392.4	-	-	-	-	-	-
392.9	•	-	-	-	-	-
396.1	-	-	-	-	-	-
396.8	-	-	-	-	-	-
397.8	-					
Total: General Plant	-	•	-	-	-	-
Total: T, D & G	759,098	908,713	530,143	726,768	602,878	3,527,601

Florida Power & Light Co. Net Salvage Experience Five-Year Average - 1999-2003 Trans., Dist. and General Plant

General Ledger 108.9 Other Recoveries

			Other Re	coveries		
Plant Account	Ledger Year <u>1999</u>	Ledger Year 2000	Ledger Year <u>2001</u>	Ledger Year <u>2002</u>	Ledger Year 2003	Total For Years 1999-2003
Plant Year Year						
	-	50	_	_	-	50
	_	-	_	_	_	-
	786.182	239.960	(1,095,513)	2,667,757	346,017	2,944,403
	-	-	-		-	, ,
354.0	-	_	67,690	•	_	67,690
355.0	460,823	1,791,071	6,376,854	6,397,815	7,626	15,034,190
356.0	117,828		138,791	308,914	122,803	822,095
357.0			-	-	-	4,017,537
358.0	226,555	713,332	-	-		939,886
359.0		· ·	-	20,212	-	20,212
Total: Transmission	2,483,664	6,003,432	5,487,823	9,394,699	476,446	23,846,063
Distribution						
	-	-	-	-	-	-
	•		149,203	105,083	29,534	1,025,746
			190,439	1,206,481	1,182,799	5,575,438
	·		408,886	1,283,451	955,027	4,757,943
			33,557	17,560	44,026	279,130
			8,711	5,674	13,590	44,798
			782,383	401,174	517,755	3,172,048
	· · · · · · · · · · · · · · · · · · ·		208,038	526,453	175,524	1,446,944
	· ·		156,016	224,693	132,691	1,145,175
			97,351	161,731	46,110	638,770
			157,946	67,688	188,288	703,655
			311	-	113	(1,130)
		•	329,767	133,255	34,294	925,631
			1,524,790	361,916	<u>742,918</u>	5,560,583
Total: Distribution	4,615,709	8,053,800	4,047,398	4,495,157	4,062,668	25,274,732
	5 450		(== ===)			
		55,660	(55,660)	-		5,450
` ,		740.000	-		4,028,000	10,266,675
• •	·		40 540			1,425,800
	•	•	48,518	24.040	(00.540)	153,492
	· · · · · · · · · · · · · · · · · · ·	•	240,797	34,249	(20,512)	960,211
	2,906,735		1,047,618	546,652	387,667	6,591,618
	107.027		E4 E40	-	-	13,230
	·		54,519	-	-	392,582
			31,576	-	-	470,624
397.8			-	-	1.060.500	64,488
Total : General Plant	876,907 12,100,332	776,875 4,013,661	1,451,466	580,901	1,062,589 5,457,745	2,716,371 23,604,105
Total: T, D & G	19,199,705	18,070,892	10,986,687	14,470,756	9,996,859	72,724,900

Florida Power & Light Co. Net Salvage Experience Five-Year Average - 1999-2003 Trans., Dist. and General Plant

General Ledger 108.3 Removal Cost

			Remov	al Cost		
Plant Account	Ledger Year 1999	Ledger Year 2000	Ledger Year 2001	Ledger Year 2002	Ledger Year 2003	Total For Years 1999-2003
Transmission						
350.2	-	_	<i>-</i>		-	-
352.0	6,309	546	16,269	14,366	311,764	349,253
353.0	1,379,489	439,954	1,174,401	1,599,001	264,947	4,857,793
353.1	-	1,164	16,779	-	-	17,944
354.0	(410)	.,	-	26,309	(9,308)	16,591
355.0	2,358,341	4,054,758	3,723,660	6,834,725	5,452,608	22,424,091
356.0	1,244,490	2,579,227	2,999,753	3,185,509	3,817,211	13,826,190
357.0	14,732	(3,202)	(17)	17,957	25,940	55,411
358.0	17,292	238	41,022	11,822	35,673	106,047
359.0	8,180	4,910	6,673	17,973	9,373	47,109
Total: Transmission	5,028,423	7,077,596	7,978,540	11,707,662	9,908,208	41,700,429
Distribution						
361.0	117,930	27,023	41,022	120,000	9,653	315,628
362.0	859,748	748,063	1,146,917	623,732	438,204	3,816,665
364.0	3,301,947	3,458,652	4,258,032	4,101,694	5,456,920	20,577,245
365.0	4,767,758	5,239,890	4,969,825	6,243,464	7,379,017	28,599,953
366.6	100,128	217,272	162,830	187,308	62,175	729,712
366.7	612,752	(503,082)	195,173	125,902	(326,211)	104,533
367.6	648,257	884,426	926,127	824,327	756,634	4,039,771
367.7	1,827,255	(917,935)	805,903	570,810	(1,077,663)	1,208,370
368.0	5,643,016	6,123,577	5,835,314	5,507,690	4,721,622	27,831,219
369.1	959,326	1,236,826	1,525,710	1,606,408	2,103,100	7,431,370
369.7	77,875	71,390	95,026	203,059	232,497	679,848
370.0	260	584	19	1,939,627	1,927,382	3,867,872
371.0	146,464	278,127	307,137	287,726	175,867	1,195,321
373.0	728,527	1,203,220	1,252,097	1,744,826	1,753,704	6,682,374
Total: Distribution	19,791,242	18,068,032	21,521,132	24,086,573	23,612,902	107,079,881
General Plant						
390.0	344,168	61,533	93,581	174,512	63,540	737,334
392 - Aircraft (Jet)						· •
393 - Rotary Wing	-	-	-			-
392.1	-	-	1,149	-	-	1,149
392.2	54	-	5,533	-	-	5,587
392.3	360	(653)	48,010	26,458	23,178	97,352
392.4	-	•	-	-	-	-
392.9	-	-	1,765	-	-	1,765
396.1		(734)	2,684		-	1,951
396.8	-			-		-
397.8	42,014	5,008	123,539	719	(717)	170,563
Total : General Plant	319,955	142,922	291,367	201,689	86,000	1,041,933
Total: T, D & G	25,139,620	25,288,550	29,791,040	35,995,923	33,607,110	149,822,242

				Net Salvage			
Plant Account	Ledger Year 1999	Ledger Year 2000	Ledger Year 2001	Ledger Year 2002	Ledger Year 2003	Total For Years 1999-2003	Average For Years 1999-2003
Transmission							
350.2		50				50	10
352.0	(6,312)	(546)	(16,269)	(12,705)	(311,229)	(347,062)	(69,412)
353.0	(575,408)	(146,800)	(2,259,533)	1,100,457	141,719	(1,739,566)	(347,913)
353.1	-	(1,164)	(16,779)	(00.000)		(17,944)	(3,589)
354.0	410	- ·-	67,690	(26,309)	9,308	51,099	10,220
355.0	(1,891,193)	(2,260,993)	2,656,727	(432,647)	(5,393,521)	(7,321,627)	(1,464,325)
356.0	(1,119,239)	(2,359,257)	(2,833,682)	(2,851,375)	(3,668,446)	(12,831,998)	(2,566,400)
357.0	877,545	3,128,462	17	(17,957)	(25,940)	3,962,126	792,425
358.0	209,263	713,094	(41,022)	(11,822)	(35,673)	833,840	166,768
359.0	(8,180)	(4,910)	(6,673)	2,239	(9,373)	(26,897)	(5,379)
Total: Transmission	(2,513,114)	(932,065)	(2,449,525)	(2,250,119)	(9,293,155)	(17,437,978)	(3,487,596)
Distribution							
361.0	(117,234)	(27,023)	(41,022)	(120,000)	4,359	(300,919)	(60,184)
362.0	(541,893)	(226,986)	(979,420)	(515,690)	(375,950)	(2,639,939)	(527,988)
364.0	(1,921,843)	(1,309,844)	(3,913,752)	(2,750,389)	(4,163,052)	(14,058,880)	(2,811,776)
<b>3</b> 65.0	(3,758,628)	(3,406,195)	(4,360,768)	(4,755,196)	(6,273,205)	(22,553,993)	(4,510,799)
366.6	55,221	(188,903)	(129,268)	(169,595)	(18,080)	(450,625)	(90,125)
366.7	(605,445)	512,579	(186,462)	(120,212)	339,798	(59,742)	(11,948)
367. <del>6</del>	14,279	(78,458)	(143,793)	(422,044)	(239, 188)	(869,203)	(173,841)
367.7	(1,572,243)	1,305,998	(565,180)	(13,693)	1,276,025	430,907	86,181
368.0	(5,295,929)	(5,833,142)	(5,606,174)	(5,015,491)	(4,520,470)	(26,271,206)	(5,254,241)
369.1	(837,030)	(998,027)	(1,420,495)	(1,436,713)	(2,051,294)	(6,743,558)	(1,348,712)
369.7	36,823	103,598	62,784	(134,218)	(44,270)	24,716	4,943
370.0	(53,889)	(4,862)	574	(1,940,612)	(1,925,428)	(3,924,217)	(784,843)
371.0	(26,112)	33,132	22,882	(154,548)	(141,477)	(266, 123)	(53,225)
373.0	175,843	870,518	275,311	_(1,379,093)	(953,731)	(1,011,153)	(202,231)
Total: Distribution	(14,448,080)	(9,247,618)	(16,984,784)	(18,927,492)	(19,085,962)	(78,693,936)	(15,738,787)
General Plant							
390.0	(338,718)	(5,873)	(149,241)	(174,512)	(63,540)	(731,884)	(146,377)
392 - Aircraft (Jet)	6,238,675	-	•	-	4,028,000	10,266,675	2,053,335
393 - Rotary Wing	712,900	712,900	-	-	-	1,425,800	285,160
392.1	49,433	55,540	47,369	-	-	152,342	30,468
392.2	376,707	328,916	235,264	34,249	(20,512)	954,625	190,925
392.3	2,908,375	1,701,599	999,608	520,194	364,489	6,494,265	1,298,853
392.4	-	13,230	-	-	-	13,230	2,646
392.9	107,037	231,026	52,754	-	-	390,817	78,163
396.1	300,336	139,446	28,892	-	-	468,673	93,735
396.8	53,311	11,178	-	-	-	64,488	12,898
397.8	834,893	771,866	(123,539)	(719)	1,063,307	2,545,808	509,162
Total: General Plant	11,780,377	3,870,739	1,160,099	379,212	5,371,745	22,562,173	4,512,435
Total: T, D & G	(5,180,816)	(6,308,944)	(18,274,209)	(20,798,399)	(23,007,373)	(73,569,742)	(14,713,948)

				Snavely King Recommended	FPL Proposed	
Account Number	Account Description		Plant Balance at 12/31/2005	Average Remaining Life	Inflated Future Net Salvage	Net Present Value of FNS
			а	ь	С	đ
				Averag	e Discount Rate =	5.50%
STEAM P	RODUCTION					
	Total Cape Canaveral					
311	Structures & Improvements	\$	17,584,796	6.4	-9.0%	-6.39%
	Boiler Plant Equipment		100,223,988	5.9	-6.0%	-4.37%
314	Turbogenerator Units		35,173,274	6.4	-2.0%	
315	Accessory Electric Equipment		9,701,224	5.3	-6.0%	
316	Misc. Power Plant Equipment		1,678,718	6.6	0.0%	0.00%
Total	Cape Canaveral	\$	164,362,000			
	Total Cutler					
311	Structures & Improvements	\$	6,987,276	5.0	-9.0%	
312	Boiler Plant Equipment		17,806,196	5.2	-6.0%	
	Turbogenerator Units		14,802,212	5.3	-2.0%	
	Accessory Electric Equipment		6,352,054	5.1	-6.0%	
316	Misc. Power Plant Equipment		944,386	5.0	0.0%	0.00%
Total	Cutler	\$	46,892,124			
	Total Manatee					
311	Structures & Improvements	\$	93,678,036	5.4	-9.0%	-6.74%
312	Boiler Plant Equipment		194,480,053	5.9	-6.0%	-4.37%
314	Turbogenerator Units		127,248,751	6.3	-2.0%	-1.43%
315	Accessory Electric Equipment		25,354,836	6.5	-6.0%	
316	Misc. Power Plant Equipment		7,188,658	5.5	0.0%	0.00%
Total	Manatee	\$	447,950,334			
	Total Martin					
311	Structures & Improvements	\$	246,355,719	8.8	-9.0%	-5.62%
312	2 Boiler Plant Equipment		277,765,059	7.8	-6.0%	-3.95%
314	Turbogenerator Units		156,588,043	9.2	-2.0%	-1.22%
315	Accessory Electric Equipment		41,885,813	8.6	-6.0%	-3.79%
316	6 Misc. Power Plant Equipment		7,681,961	7.4	0.0%	0.00%
Total	Martin	\$	730,276,595			
	Total Pt. Everglades					
311	Structures & Improvements	\$	23,635,896	5.4	<del>-9</del> .0%	-6.74%
312	2 Boiler Plant Equipment		177,601,740	5.2	-6.0%	-4.54%
314	1 Turbogenerator Units		66,354,467	5.4	-2.0%	-1.50%
315	5 Accessory Electric Equipment		35,564,797	5.4	-6.0%	-4.49%
316	6 Misc. Power Plant Equipment	_	2,681,774	4.5	0.0%	0.00%
Total	Pt. Everglades	\$	305,838,674			
	Total Riviera					
31	1 Structures & Improvements	\$	9,701,218	5.5	-9.0%	-6.70%
	2 Boiler Plant Equipment	•	50,708,205	5.1	-6.0%	
	4 Turbogenerator Units		33,244,563	5.5	-2.0%	-1.49%
	5 Accessory Electric Equipment		6,950,986	5.2	-6.0%	-4.54%
	6 Misc. Power Plant Equipment	_	1,007,460	5.0	0.0%	0.00%
Total	Riviera	\$	101,612,432			

				Snavely King Recommended	FPL Proposed	
Account Number	Account Description		Plant Balance at 12/31/2005	Average Remaining Life	Inflated Future Net Salvage	Net Present Value of FNS
			а	b	c	d
	Total Sanford					
	Structures & Improvements	\$	3,976,149	5.5	-9.0%	-6.70%
	Boiler Plant Equipment		12,205,889	5.3	-6.0%	-4.52%
	Turbogenerator Units		5,822,437	5.4	-2.0%	-1.50%
	Accessory Electric Equipment		2,761,804	5.4	-6.0%	-4.49%
316	Misc. Power Plant Equipment		325,961	5.5	0.0%	0.00%
Total	Sanford	\$	25,092,240			
	Total Scherer					
311	Structures & Improvements	\$	98,130,670	21.0	-9.0%	-2.92%
312	Boiler Plant Equipment		348,348,372	16.2	-6.0%	-2.52%
314	Turbogenerator Units		116,787,715	23.0	-2.0%	-0.58%
	Accessory Electric Equipment		23,286,105	13.0	-6.0%	-2.99%
31€	Misc. Power Plant Equipment	_	6,361,472	16.6	0.0%	0.00%
Total	Scherer	\$	592,914,334			
	Total SJRPP					
311	Structures & Improvements	\$	52,898,438	17.4	-9.0%	-3.55%
312	2 Boiler Plant Equipment		188,949,579	16.9	-6.0%	-2.43%
314	Turbogenerator Units		50,229,295	16.6	-2.0%	-0.82%
315	5 Accessory Electric Equipment		30,311,011	17.2	-6.0%	-2.39%
316	Misc. Power Plant Equipment		5,898,847	16.7	0.0%	0.00%
Total	SJRPP	\$	328,287,170			
	Total Turkey Point Fossil					
311	Structures & Improvements	\$	12,461,550	6.9	-9.0%	-6.22%
312	2 Boiler Plant Equipment		99,178,460	6.7	-6.0%	-4.19%
314	1 Turbogenerator Units		34,986,556	6.7	-2.0%	-1.40%
315	5 Accessory Electric Equipment		12,123,618	6.2	-6.0%	
316	Misc. Power Plant Equipment	_	1,981,363	6.9	0.0%	0.00%
Total	Turkey Point Fossil	\$	160,731,547			
TOTAL S	STEAM PRODUCTION	<u>\$</u>	2,903,957,450			
NUCLEA	AR PRODUCTION					
	Total St. Lucie		704 070 000			A
	1 Structures & Improvements	\$	701,078,906	28.0	-1.0%	-0.22%
	2 Reactor Plant Equipment		1,060,507,312	24.0	-2.0%	
	3 Turbogenerator Units		274,773,108	15.1	-4.0%	
	4 Accessory Electric Equipment		266,164,058 67,399,443	27.0 25.0	-2.0% -1.0%	
	5 Misc. Power Plant Equipment			25.0	-1.076	-0,20%
Total	St. Lucie	\$	2,369,922,827			
	Total Turkey Point Nuclear					
32	1 Structures & Improvements	\$	325,840,357	23.0	-1.0%	-0.29%
32:	2 Reactor Plant Equipment		533,627,189	17.7	-2.0%	-0.78%
323	3 Turbogenerator Units		176,454,002	11.6	-4.0%	-2.15%
324	4 Accessory Electric Equipment		281,990,511	22.0	-2.0%	-0.62%
32	5 Misc. Power Plant Equipment	-	27,730,906	13.0	-1.0%	-0.50%
Total	Turkey Point Nuclear	\$	1,345,642,965			
TOTAL	NUCLEAR PRODUCTION	<u>\$</u>	3,715,565,792			

				Snavely King Recommended	FPL Proposed	
Accoun Numbe	Account Description		Plant Balance at 12/31/2005	Average Remaining Life	Inflated Future Net Salvage	Net Present Value of FNS
			. а	b	С	d
OTHER	PRODUCTION					
	Total Lauderdale					
3.4	1 Structures & Improvements	\$	80,222,441	11.5	-2.0%	-1.08%
	2 Fuel Holders, Producers & Accessories	•	10,180,945	12.4	0.0%	
	3 Prime Movers		296,007,008	9.2	0.0%	0.00%
	14 Generators		52,702,423	12.4	-1.0%	-0.51%
34	I5 Accessory Electric Equipment		60,763,965	11.7	-1.0%	-0.53%
	6 Misc. Power Plant Equipment		5,000,000	12.5	0.0%	0.00%
Total	Lauderdale	\$	504,876,782			
	Total Ft. Myers Combined Cycle					
34	11 Structures & Improvements	\$	31,684,194	21.5	-2.0%	-0.63%
34	12 Fuel Holders, Producers & Accessories		10,499,202	21.9	0.0%	0.00%
34	13 Prime Movers		573,590,542	14.7	0.0%	0.00%
34	14 Generators		43,244,927	21.5	-1.0%	-0.32%
34	15 Accessory Electric Equipment		47,395,656	16.6	-1.0%	-0.41%
34	46 Misc. Power Plant Equipment	_	2,189,464	21.5	0.0%	0.00%
Total	Ft. Myers Combined Cycle	\$	708,603,985			
	Total Martin Combined Cycle					
34	11 Structures & Improvements	\$	54,075,446	13.8	-2.0%	-0.96%
34	12 Fuel Holders, Producers & Accessories		21,100,623	16.8	0.0%	0.00%
34	43 Prime Movers		741,777,965	13.1	0.0%	
	44 Generators		98,062,557	19.7	-1.0%	
	45 Accessory Electric Equipment		99,185,574	13.2	-1.0%	
34	46 Misc. Power Plant Equipment	_	5,780,320	14.3	0.0%	0.00%
Total	Martin Combined Cycle	\$	1,019,982,485			
	Total Putnam					
	41 Structures & Improvements	\$	11,165,356	5.4	-2.0%	
	42 Fuel Holders, Producers & Accessories		10,313,733	5.5	0.0%	
	43 Prime Movers		116,138,416	4.4	0.0%	
_	44 Generators		12,762,308	5.5	-1.0%	
	45 Accessory Electric Equipment		14,271,429	5.5 5.5	-1.0%	
	46 Misc. Power Plant Equipment	_	1,904,290	5.5	0.0%	0.00%
Total	Putnam	\$	166,555,532			
	Total Sanford Combined Cycle		74 540 654	00.0	0.00	0.0004
-	41 Structures & Improvements	\$	74,546,351	22.0	-2.0%	
	42 Fuel Holders, Producers & Accessories		3,601,844 542,466,560	22.0 15.0	0.0% 0.0%	
	43 Prime Movers 44 Generators		58,038,990	22.0	-1.0%	
_	44 Generators 45 Accessory Electric Equipment		67,220,527	17.1	-1.0%	
	46 Misc. Power Plant Equipment		7,083,692	22.0	0.0%	
Total	Sanford Combined Cycle	\$		22.0	0.076	0.0070

				Snavely King Recommended		FPL Proposed	
Account Number	Account Description		Plant Balance at 12/31/2005	Average Remaining Life		Inflated Future Net Salvage	Net Present Value of FNS
			а	b		С	d
	Total All Gas Turbines	•	40.040.040			0.00/	4.400/
	Structures & Improvements	\$	13,049,948	5.5		-2.0%	-1.49%
	Fuel Holders, Producers & Accessories		15,206,047	5.5 5.5		0.0% 0.0%	0.00% 0.00%
	Prime Movers		111,041,953 47,362,327	5.4		-1.0%	-0.75%
	Generators  Accessory Electric Equipment		12,301,135	5.2		-1.0%	-0.76%
	Misc. Power Plant Equipment		436,679	3.6		0.0%	0.00%
Total	All Gas Turbines	\$	199,398,089	0.0		0.070	0.0070
TOTAL C	OTHER PRODUCTION	<u>\$</u>	3,352,374,837				
TOTAL P	PRODUCTION	\$	9,971,898,079				
TDANCH	NCCION DI ANT						
	IISSION PLANT Easements	\$	133,920,710	79.6	1/	0.0%	0.00%
	Structures & Improvements	Ψ	63,855,052	51.1		-10.0%	-0.65%
	Station Equipment		800,488,356	25.0	••	5.0%	1.31%
	Station Equipment - Step-Up Transformers		159,393,101	24,0		5.0%	1.38%
	Towers & Fixtures		161,989,863	28.0		-15.0%	-3.35%
	Poles & Fixtures		512,598,765	29.0		-50.0%	-10.58%
356.0	Overhead Conductors & Devices		453,318,237	32.0		-45.0%	-8.11%
357.0	Underground Conduit		42,757,815	55.8	1/	0.0%	0.00%
358.0	Underground Conductors & Devices		49,886,988	40.6	1/	0.0%	0.00%
359.0	Roads & Trails		74,086,516	89.1	1/	0.0%	0.00%
TOTAL T	TRANSMISSION PLANT	\$	2,452,295,403				
NISTRIR	UTION PLANT - DEPRECIABLE						
	Structures & Improvements	\$	118,409,993	50.8	1/	-15.0%	-0.99%
	Station Equipment	•	1,079,552,187	28.0		-10.0%	-2.23%
	Poles, Towers & Fixtures		728,684,952	23.0		-40.0%	-11.67%
	Overhead Conductors & Devices		972,671,528	23.0		<b>-</b> 50.0%	-14.59%
366.6	Underground Conduit, Duct System		977,490,387	58.2	1/	-10.0%	-0.44%
366.7	Underground Conduit, Direct Buried		41,085,721	54.6	1/	0.0%	0.00%
367.6	Underground Conductors & Devices Duct System		1,018,652,299	30.0		-5.0%	-1.00%
367.7	Underground Conductors & Devices, Direct Buried		411,102,164	19.0		0.0%	0.00%
368.0	Line Transformers		1,546,811,828	20.0		-35.0%	-12.00%
	Services, Overhead		149,158,025	23.0		-60.0%	-17,51%
	Services, Underground		548,585,882	55.2	1/	-10.0%	
	Meters		424,466,359	21.0		-30.0%	
	Installations on Customer's Premises		75,016,108	8.7		-15.0%	
	Street Lighting & Signal Systems	_	320,636,147	12.1		-35.0%	-18.31%
TOTAL	DISTRIBUTION - DEPRECIABLE	\$	8,412,323,580				
	BUTION PLANT - AMORTIZABLE						
	9 UG Conduct & Dev.,Cable Injection - 10 year	\$	65,779,476	10.0			
	1 Meters (Amortization of Short-Term Meters)	_		4.0			
TOTAL I	DISTRIBUTION - AMORTIZABLE	\$	65,779,476				
TOTAL I	DISTRIBUTION PLANT	\$	8,478,103,056				

				Snavely King Recommended	FPL Proposed	
Account	Account Description		Plant Balance at	Average	Inflated Future	
Number	, 10002111 D 00011p11011		12/31/2005	Remaining Life	Net Salvage	Value of FNS
			а	b	С	d
	L PLANT - DEPRECIABLE	•	074 474 544	24.0	0.00	0.000/
	Structures & Improvements	\$	371,471,514	24.0	0.0%	0.00% 36.46%
	Aircraft - Rotary Wing		8,500,000 42,937,037	5.9 3.8	50.0% 50.0%	40.80%
	Aircraft - Fixed Wing (Jet)		1,619,841	4.1	10.0%	8.03%
	Transportation - Automobiles Transportation - Light Trucks		20,274,131	3.8	15.0%	12.24%
	Transportation - Heavy Trucks		145,450,292	4.3	10.0%	7.94%
	Transportation - Tractor-Trailers		612,917	5.4	15.0%	11.23%
	Transportation - Trailers		12,950,938	9.6	30.0%	17.94%
	Power Operated Equipment (Transportation)		3,322,301	5.1	20.0%	15.22%
	Other Power Operated Equipment		23,053	3.3	20.0%	16.76%
	Communications Equipment - Fiber Optics		7,862,228	2.3 1/	5.0%	4.41%
	ENERAL - DEPRECIABLE	\$	615,024,252			
GENERA	L PLANT - AMORTIZABLE					
	Leaseholds	\$	2,208,431	15.3		
	Office Furniture	·	10,825,477	7.0		
	Office Accessories		2,387,913	5.0		
391.3	Office Equipment		264,519	7.0		
391.4	Duplicating & Mailing Equipment		1,813,093	7.0		
391.5	EDP Equipment		27,920,938	5.0		
391.9	Personal Computer Equipment		37,655,112	3.0		
392.7	Transportation Equipment - Marine		69,664	5.0		
392.8	Transportation Equipment - Other		31,360	5.0		
393.1	Stores Equipment - Handling Equipment		4,286	7.0		
393.2	Stores Equipment - Storage Equipment		8,171,848	7.0		
	Stores Equipment - Portable Handling		2,839,474	7.0		
	Shop Equipment - Fixed/Stationary		5,861	7.0		
	Shop Equipment - Portable Handling		17,926,703	7.0		
	Lab Equipment - Fixed/Stationary		-	7.0		
	Lab Equipment - Portable		14,326,505	7.0		
	Communications Equipment - Other			7.0		
	Communications Equipment - Other 7-Yr Amrt		81,079,700	7.0		
	Communications Equipment - Official		21,706	7.0		
	Miscellaneous Equipment	_	9,357,211	7.0		
TOTAL 0	GENERAL - AMORTIZABLE	\$	216,909,801	5.5		
TOTAL 0	GENERAL PLANT	\$	831,934,053			
TOTAL	NI ANT	•	24 724 220 504			
TOTAL F	LANI	\$	21,734,230,591			

<sup>1/</sup> Snavely King change in life.

#### Sources:

Cols. a & c from FPŁ Schedule I for each plant/TDG.

Col. b from Exhibit\_\_\_(MJM-7).

Average discount rate of 5.5% from FPL response to OPC Interrogatory No. 54.

							Recor	nmended Para	meters			
Account Number	Account Description	Р	lant Balance at 12/31/2005		Snavely King ljusted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Est	timated Annual Accrual
			а		ь	c=b/a	d	е	f	g=(1-c-f)/e		i=a*g
STEAM	PRODUCTION											
	Total Cape Canaveral											
31	1 Structures & Improvements	\$	17,584,796	\$	12,068,254	68.63%	18.1	6.4	-6.4%	5.9%	\$	1,037,473
31.	2 Boiler Plant Equipment		100,223,988		73,859,903	73.69%	20.0	5.9	-4.4%	5.2%		5,212,469
31	4 Turbogenerator Units		35,173,274		25,767,855	73.26%	23.0	6.4	-1.4%	4.4%		1,547,611
31	5 Accessory Electric Equipment		9,701,224		7,825,750	80.67%	23.0	5.3	-4.5%	4.5%		436,512
31	6 Misc. Power Plant Equipment	-	1,678,718		1,124,741	67.00%	20.0	6.6	0.0%	5.0%		83,936
Total	Cape Canaveral	\$	164,362,000	\$	120,646,503	73.40%				5.1%	\$	8,318,001
	Total Cutler											
31	1 Structures & Improvements	\$	6,987,276	\$	6,175,788	88.39%	29.0	5.0	-6.9%	3.7%	\$	258,476
	2 Boiler Plant Equipment	,	17,806,196	·	14,540,879	81.66%	24.0	5.2	-4.5%	4.4%		783,538
31	4 Turbogenerator Units		14,802,212		12,200,854	82.43%	28.0	5.3	-1.5%	3.6%		532,765
31:	5 Accessory Electric Equipment		6,352,054		5,281,497	83.15%	25.0	5.1	-4.6%	4.2%		266,740
31	6 Misc. Power Plant Equipment		944,386		746,065	79.00%	24.0	5.0	0.0%	4.2%		39,664
Total	Cutler	\$	46,892,124	\$	38,945,083	83.05%				4.0%	\$	1,881,183
	Total Manatee											
31	1 Structures & Improvements	\$	93,678,036	\$	81,781,207	87.30%	30.0	5.4	-6.7%	3.6%	\$	3,372,461
	2 Boiler Plant Equipment		194,480,053		137,584,594	70.74%	18.3	5.9	-4.4%	5.7%		11,086,957
31	4 Turbogenerator Units		127,248,751		85,775,049	67.41%	18.7	6.3	-1.4%	5.4%		6,870,903
31:	5 Accessory Electric Equipment		25,354,836		17,035,034	67.19%	18.4	6.5	-4.2%	5.7%		1,445,090
31	6 Misc. Power Plant Equipment		7,188,658		5,686,228	79.10%	26.0	5.5	0.0%	3.8%		273,169
Total	Manatee	\$	447,950,334	\$	327,862,112	73.19%				5.1%	\$	23,048,581
	Total Martin											
31	1 Structures & Improvements	\$	246,355,719	\$	190,823,460	77.46%	33.0	8.8	-5.6%	3.2%	\$	7,882,965
	2 Boiler Plant Equipment		277,765,059	•	210,745,024	75.87%	29.0		-4.0%	3.6%		10,000,141
	4 Turbogenerator Units		156,588,043		97,996,088	62.58%	24.0	9.2	-1.2%	4.2%		6,577,056
31	5 Accessory Electric Equipment		41,885,813		28,342,452	67.67%	25.0	8.6	-3.8%	4.2%		1,759,009
316	6 Misc. Power Plant Equipment		7,681,961		5,408,101	70.40%	25.0	7.4	0.0%	4.0%	_	307,278
Total	Martin	\$	730,276,595	\$	533,315,125	73.03%				3.6%	\$	26,526,449
	Total Pt. Everglades											
311	1 Structures & Improvements	\$	23,635,896	\$	19.740.771	83.52%	25.0	5.4	-6.7%	4.3%	\$	1,016,357
	2 Boiler Plant Equipment	*	177,601,740	•	121,944,746	68.66%	15.2		-4.5%	6.9%		12,255,172
	4 Turbogenerator Units		66,354,467		42,982,994	64.78%	15.0		-1.5%	6.8%		4,511,839
	5 Accessory Electric Equipment		35,564,797		22,375,070	62.91%	13.5		-4.5%	7.7%		2,738,722
	6 Misc. Power Plant Equipment		2,681,774	_	2,078,375	77.50%	20.0	4.5	0.0%	5.0%		134,089
Total	Pt. Everglades	\$	305,838,674	\$	209,121,956	68.38%				6.8%	\$	20,656,178

							Recor	ninended Para	meters			
Accoun Numbe	Account Description	Þ	lant Balance at 12/31/2005	Ac	Snavely King fjusted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Es	timated Annual Accrual
			а		b	c=b/a	ď	е	f	g=(1-c-f)/e		i≈a*g
	Total Riviera	_		_					0.70/	4.00/	•	440.000
	11 Structures & Improvements	\$	9,701,218	\$	7,897,210	81.40%	23.0		-6.7%	4.6%	Þ	446,332
	2 Boiler Plant Equipment		50,708,205		38,800,038	76.52%	19.1		-4.6%	5.5%		2,788,583
	4 Turbogenerator Units		33,244,563		23,317,685	70.14%	17.9		-1.5%	5.7%		1,894,931
	5 Accessory Electric Equipment		6,950,986		5,206,421	74.90%	18.3 15.6		-4.5% 0.0%	5.7% 6.4%		396,232 64,477
	6 Misc. Power Plant Equipment		1,007,460	_	685,073	68.00%	15.6	5.0	0.0%			
Total	Riviera	\$	101,612,432	\$	75,906,427	74.70%				5.5%	ş	5,590,555
	Total Sanford											
	11 Structures & Improvements	\$	3,976,149	\$	3,346,100	84.15%	26.0		-6.7%	4.1%	\$	163,053
31	12 Boiler Plant Equipment		12,205,889		8,487,689	69.54%	15.9		-4.5%	6.6%		805,535
	4 Turbogenerator Units		5,822,437		4,840,649	83.14%	30.0		-1.5%	3.4%		197,940
	15 Accessory Electric Equipment		2,761,804		1,692,808	61.29%	13.0		-4.5%	8.0%		220,962
31	6 Misc. Power Plant Equipment	_	325,961		189,709	58.20%	13.2	5.5	0.0%	7.6%		24,773
Total	Sanford	\$	25,092,240	\$	18,556,955	73.95%				5.6%	\$	1,412,263
	Total Scherer											
31	11 Structures & Improvements	\$	98,130,670	\$	39,177,448	39.92%	34.0	21.0	-2.9%	3.0%	\$	2,944,096
	12 Boiler Plant Equipment		348,348,372		137,041,480	39.34%	26.0	16.2	-2.5%	3.9%		13,585,662
	14 Turbogenerator Units		116,787,715		42,258,170	35,18%	36.0	23.0	-0.6%	2.8%		3,270,246
	15 Accessory Electric Equipment		23,286,105		11,571,183	49.69%	25.0	13.0	-3.0%	4.1%		954,755
31	16 Misc. Power Plant Equipment		6,361,472		2,771,057	43.56%	29.0	16.6	0.0%	3.4%		216,290
Total	Scherer	\$	592,914,334	\$	232,819,338	39.27%				3.5%	\$	20,971,049
	Total SJRPP											
31	11 Structures & Improvements	\$	52,898,438	\$	27,160,847	51.35%	35.0	17.4	-3.5%	3.0%	\$	1,586,809
31	12 Boiler Plant Equipment		188,949,579		94,545,915	50.04%	33.0	16.9	-2.4%	3.1%		5,857,173
31	14 Turbogenerator Units		50,229,295		23,126,731	46.04%	31.0	16.6	-0.8%	3.3%		1,657,637
	15 Accessory Electric Equipment		30,311,011		17,480,045	57.67%	39.0	17.2	-2.4%	2.6%		788,068
31	16 Misc. Power Plant Equipment		5,898,847		3,042,035	51.57%	34.0	16.7	0.0%	2.9%		171,067
Total	SJRPP	\$	328,287,170	\$	165,355,573	50.37%				3.1%	\$	10,060,754
	Total Turkey Point Fossil											
31	1 Structures & Improvements	\$	12,461,550	\$	10,055,243	80.69%	29.0	6.9	-6.2%	3.7%	\$	461,080
	2 Boiler Plant Equipment	•	99,178,460	•	65,459,178	66.00%	18.2		-4.2%	5.7%		5,653,380
	4 Turbogenerator Units		34,986,556		25,864,559	73.93%	25.0		-1.4%	4.1%		1,434,299
	5 Accessory Electric Equipment		12,123,618		9,263,066	76.41%	23.0		-4.3%	4.5%		545,468
	6 Misc. Power Plant Equipment		1,981,363		1,243,107	62.74%	18.6		0.0%	5.4%		106,994
Total	Turkey Point Fossil	\$	160,731,547	\$	111,885,153	69.61%	70.0			5.1%	\$	8,201,221
	·				4 004 444 005	00 474/				A 40/	e	126,666,234
IUTAL	STEAM PRODUCTION	<u>\$</u>	2,903,957,450	<u>\$</u>	1,834,414,225	63.17%				4.4%	*	120,000,234

							Recon	nmended Para	meters			
Accoun Numbe	Account Description	F	lant Balance at 12/31/2005	Ac	Snavely King djusted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Es	timated Annual Accrual
			а		ь	c=b/a	d	е	f	g=(1-c-f)/e		i=a*g
NUCLEA	AR PRODUCTION											
	Total St. Lucie	•	701 070 000	•	0.40.040.004				2.00/	0.001		44.000.440
	1 Structures & Improvements	\$	701,078,906	5	310,040,381	44.22%	50.0	28.0	-0.2%	2.0%	<b>3</b>	14,022,410
	2 Reactor Plant Equipment		1,060,507,312		430,070,851	40.55%	40.0	24.0	-0.6%	2.5%		26,514,147
	3 Turbogenerator Units		274,773,108		155,197,799	56.48% 43.77%	34.0 47.0	15.1 27.0	-1.8% -0.5%	3.0% 2.1%		8,243,587 5,589,564
	4 Accessory Electric Equipment 5 Misc. Power Plant Equipment		266,164,058 67,399,443		116,503,226 27,136,521	40.26%	47.0 42.0	27.0 25.0	-0.3% -0.3%	2.1%		1,617,647
	• •	_		_			42.0	25.0	-0.576		_	
Total	St. Lucie	\$	2,369,922,827	\$	1,038,948,778	43.84%				2.4%	\$	55,987,355
	Total Turkey Point Nuclear											
32	1 Structures & Improvements	\$	325,840,357	\$	139,433,191	42.79%	40.0	23.0	-0.3%	2.5%	\$	8,146,274
	2 Reactor Plant Equipment	Ψ	533,627,189	v	244,963,082	45,91%	32.0	17.7	-0.8%	3.1%	Ψ	16,541,021
	3 Turbogenerator Units		176,454,002		112,700,236	63.87%	31.0	11.6	-2.1%	3.3%		5,822,901
	4 Accessory Electric Equipment		281,990,511		122,428,581	43.42%	39.0	22.0	-0.6%	2.6%		7,331,222
	5 Misc. Power Plant Equipment		27,730,906		15,251,599	55,00%	29.0	13.0	-0.5%	3.5%		970,551
Total	Turkey Point Nuclear	s	1,345,642,965	\$	634,776,689	47.17%		,		2.9%	\$	38,811,970
IOLAI	Turkey Form Huclean	•	1,045,042,500	*	004,110,000	41.11/0				2.0,0	•	50,2 1 1,01 5
TOTAL	NUCLEAR PRODUCTION	\$	3,715,565,792	<u>\$</u>	1,673,725,467	45.05%				2.6%	\$_	94,799,325
OTHER	PRODUCTION											
	Total Lauderdale											
74	1 Structures & Improvements	\$	80,222,441	g.	42,341,809	52.78%	24.0	11.5	-1.1%	4.2%	\$	3,369,378
	2 Fuel Holders, Producers & Accessories	Ψ	10,180,945	•	4,752,465	46,68%	23.0	12.4	0.0%	4.3%	•	437,781
	3 Prime Movers		296,007,008		140,780,933	47.56%	17.6	9.2	0.0%	5.7%		16,872,399
	4 Generators		52,702,423		25,526,332	48.43%	24.0	12.4	-0.5%	4.2%		2,213,707
	5 Accessory Electric Equipment		60,763,965		31,229,335	51,39%	24.0	11.7	-0.5%	4.2%		2,552,320
	6 Misc. Power Plant Equipment		5,000,000		187,500	3.75%	13.0	12.5	0.0%	7.7%		385,000
Total	Lauderdale	\$	504,876,782	\$	244,818,374	48.49%				5.1%	\$	25,830,585
24	Total Ft. Myers Combined Cycle  1 Structures & Improvements	\$	31,684,194	¢	4,627,739	14,61%	25.0	21.5	-0.6%	4.0%	s	1,267,306
	•	Þ	• •	Ф	1,316,571	14.51%	25.0 25.0	21.5 21.9	-0.6% 0.0%	4.0%	Ψ	419,967
	2 Fuel Holders, Producers & Accessories		10,499,202			17.82%	25.0 18.0	14.7	0.0%	4.0% 5.6%		32,122,452
	3 Prime Movers		573,590,542		102,234,103	63,77%	58.0	21.5	-0.3%	1.7%		735,084
	4 Generators 5 Accessory Electric Equipment		43,244,927		27,575,580 8,207,089	17.32%	20.1	21.5 16.6	-0.3% -0.4%	5.0%		2,369,672
	6 Misc. Power Plant Equipment		47,395,656 2,189,464		306,389	13.99%	25.0	21.5	0.0%	4.0%		87,582
	· ·	_		-			23.0	21,5	0.070	5.2%	•	37,002,063
Total	Ft. Myers Combined Cycle	\$	708,603,985	Þ	144,267,471	20.36%				3.2%	4	31,002,063

Florida Power and Light Company Snavely King Recommended Rates and Accruals

					!	Recom	Snavely King Recommended Parameters	eters			
Account Number	Account Description	Pa L	Plant Balance at A 12/31/2005	Snavely King Adjusted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Estimated Annual Accrual	nai
			ø	Ф	c=b/a	ס	ø	<b>-</b>	g=(1-c-f)/e	i≖a*g	
Total Martin Combined Cycle 341 Structures & Improvements	cle	69	54,075,446 \$	21,757,425	40.24%	23.0	13.8	-1.0%	4.4%	\$ 2,379,136	136
342 Fuel Holders, Pro	342 Fuel Holders, Producers & Accessories			6,212,023	29.44%	24.0	. 16.8	0.0%	4.2%	886,226	526
343 Prime Movers	3		741,777,965	187,892,359	25.33%	17.6	13.1	%0.0	5.7%	42,281,344	344
344 Generators			98,062,557	21,130,793	21.55%	25.0	19.7	-0.3%	4.0%	3,922,417	117
345 Accessory Electric Equipment	c Equipment		99,185,574	34,212,328	34.49%	20.0	13.2	-0.5%	2.0%	4,959,523	523
346 Misc. Power Plant Equipment	t Equipment	}	5,780,320	242,195	4.19%	14.9	14.3	%0.0	6.7%	387,281	281
Total Martin Combined Cycle		69	1,019,982,485 \$	271,447,123	26.61%				5.4%	\$ 54,815,927	927
Total Putnam		€5	41.165.356 \$	9.282.637	83.14%	30.0	5.4	-1.5%	3.4%	\$ 379,578	578
342 Friel Holders Pro	Accessories			6,796,750	65.90%	16.1	5.5	0.0%	6.2%	639,451	451
343 Prime Movers			116,138,416	82,411,820	70.96%	15.2	4.4	%0.0	9.9%	7,665,135	135
344 Generators			12,762,308	9,137,164	71.59%	19.0	5.5	-0.7%	5.3%	676,517	517
345 Accessory Electric Equipment	c Equipment		14,271,429	11,630,490	81.49%	29.0	5.5	-0.7%	3.5%	499,628	928
346 Misc. Power Plant Equipment	t Equipment		1,904,290	155,200	8.15%	0.9	5.5	%0.0	16.7%	318,016	016
Total Putnam		s	166,555,532 \$	119,414,061	71.70%				6.1%	\$ 10,178,325	325
<u>Total Sanford Combined Cycle</u>							,		ò		1
341 Structures & Improvements		<del>69</del>	74,546,351 \$	11,044,677	14.82%	26.0		%9·0-	3.9%	\$ 2,9U7,167	101
342 Fuel Holders, Pro	342 Fuel Holders, Producers & Accessories		3,601,844	432,221	12.00%	25.0		%0:0	4.0%	144,074	074
343 Prime Movers			542,466,560	86,794,650	16.00%	18.0		%0.0	2.6%	30,378,127	127
344 Generators			58,038,990	32,680,551	56.31%	51.0		-0.3%	2.0%	1,160,725	725
345 Accessory Electric Equipment	c Equipment		67,220,527	10,016,058	14.90%	20.0		-0.4%	2.0%	3,361,038	038
346 Misc. Power Plant Equipment	it Equipment		7,083,692	850,043	12.00%	25.0	22.0	%0.0	4.0%	283,348	348
Total Sanford Combined Cycle		•	752,957,964 \$	141,818,200	18.83%				5.1%	\$ 38,234,479	479
Total All Gas Turbines		€.	13 049 948	10.732.257	82.24%	29.0	č.	-1.5%	3.5%	\$ 456,745	745
342 Firet Holders Pro	Accessories	•		9,853,518	64.80%	15.6		%0.0	6.4%	973,187	187
343 Prime Movers			111.041.953	84,780,531	76.35%	23.0		%0.0	4.3%	4,774,804	804
344 Generators			47,362,327	39,788,580	84.01%	32.0		~2.0-	3.1%	1,468,138	138
345 Accessory Electric Equipment	c Equipment		12,301,135	9,835,617	79.96%	25.0		-0.8%	4.0%	491,974	974
346 Misc. Power Plant Equipment	it Equipment		436,679	376,941	86.32%	26.0		%0.0	3.8%		16,594
Total All Gas Turbines		<b>\$</b>	199,398,089 \$	155,367,444	77.92%				4.1%	\$ 8,181,441	1 <del>4</del> 1
TOTAL OTHER PRODUCTION		•	3,352,374,837 \$	1,077,132,673	32.13%				5.2%	\$ 174,242,821	821
TOTAL PRODUCTION		44	9,971,898,079 \$	4,585,272,365	45.98%				4.0%	\$ 395,708,380	380

Snavely King

							Recon	mended Param	eters			
Account Number	Account Description	-	Plant Balance at 12/31/2005	Ad	Snavely King djusted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Est	mated Annual Accrual
			а		b .	c=b/a	d	е	f	g=(1-c-f)/e		i≃a*g
	IISSION PLANT											
	Easements	\$	133,920,710	\$	27,266,257	20.36%	99.0	79.6 1/		1.0%	\$	1,339,207
	Structures & Improvements		63,855,052		12,019,403	18.82%	63.0	51.1 1/		1.6%		1,021,718
	Station Equipment		800,488,356		249,662,965	31.19%	36.0	25.0	1.3%	2.7%		21,612,811
	Station Equipment - Step-Up Transformers		159,393,101		50,076,080	31.42%	35.0	24.0	1.4%	2.8%		4,462,789
354.0	Towers & Fixtures		161,989,863		63,094,771	38.95%	45.0	28.0	-3.3%	2.3%		3,725,757
355.0	Poles & Fixtures		512,598,765		165,487,241	32.28%	41.0	29.0	-10.6%	2.7%		13,840,869
356.0	Overhead Conductors & Devices		453,318,237		127,437,319	28.11%	44.0	32.0	-8.1%	2.5%		11,333,255
357.0	Underground Conduit		42,757,815		9,331,466	21.82%	74.0	55.8 1/	0.0%	1.4%		598,640
	Underground Conductors & Devices		49,886,988		15,471,950	31.01%	60.0	40.6 1/	0.0%	1.7%		848,128
359.0	Roads & Trails		74,086,516	_	8,090,248	10.92%	99.0	89.1 1/	0.0%	1.0%		740,865
TOTAL T	RANSMISSION PLANT	\$	2,452,295,403	\$	727,937,700	29.68%				2.4%	\$	59,524,038
DISTRIB	UTION PLANT - DEPRECIABLE											
361.0	Structures & Improvements	\$	118,409,993	\$	17,279,797	14.59%	61.0	50.8 1/	-1.0%	1.7%	\$	2,013,044
362.0	Station Equipment		1,079,552,187		287,519,488	26.63%	38.0	28.0	-2.2%	2.7%		29,149,150
364.0	Poles, Towers & Fixtures		728,684,952		260,686,362	35.77%	34.0	23.0	-11.7%	3.3%		24,048,158
365.0	Overhead Conductors & Devices		972,671,528		376,361,955	38.69%	35.0	23.0	-14.6%	3.3%		32,099,697
366.6	Underground Conduit, Duct System		977,490,387		128,623,530	13.16%	68.0	58.2 1/	-0.4%	1.5%		14,662,112
366.7	Underground Conduit, Direct Buried		41,085,721		7,467,330	18.18%	66.0	54.6 1/	0.0%	1.5%		616,248
367.6	Underground Conductors & Devices Duct System		1,018,652,299		203,763,261	20,00%	38.0	30.0	-1.0%	2.7%		27,504,705
367.7	Underground Conductors & Devices, Direct Buried		411,102,164		184,584,872	44.90%	34.0	19.0	0.0%	2.9%		11,921,963
368.0	Line Transformers		1,546,811,828		618,655,337	40.00%	31.0	20.0	-12.0%	3.6%		55,681,756
369.1	Services, Overhead		149,158,025		62,068,174	41.61%	36.0	23.0	-17.5%	3.3%		4,922,368
369.7	Services, Underground		548,585,882		96,961,000	17.67%	65.0	55.2 1/	-0.5%	1.5%		8,229,257
	Meters		424,466,359		180,592,809	42.55%	34.0	21.0	-9.7%	3.2%		13,582,084
371.0	Installations on Customer's Premises		75,016,108		34,435,730	45.90%	15.0	8.7	-9.4%	7.3%		5,476,559
373.0	Street Lighting & Signal Systems		320,636,147		150,445,852	46.92%	20.0	12.1	-18.3%	5.9%		18,917,811
	ISTRIBUTION - DEPRECIABLE	\$	8,412,323,580	\$	2,609,445,497	31.02%				3.0%	\$	248,824,913
DISTRIB	UTION PLANT - AMORTIZABLE											
	UG Conduct & Dev., Cable Injection - 10 year	\$	65,779,476	S	_	N/A	10.0	10.0	0.0%	10.0%	\$	6,577,948
	Meters (Amortization of Short-Term Meters)	•		,	_	0.00%	4.0	4.0	0.0%	25.0%		-
	ISTRIBUTION - AMORTIZABLE	\$	65,779,476	\$	-	N/A				10.0%	\$	6,577,948
TOTAL D	ISTRIBUTION PLANT	\$	8,478,103,056	\$	2,609,445,497	30.78%				3.0%	\$	255,402,860

							Recom	mended Param	eters			
Account Number	Account Description	į	Plant Balance at 12/31/2005	Ad	Snavely King djusted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Esti	mated Annual Accrual
			a		ь	c=b/a	d	e	f	g=(1-c-f)/e		i=a*g
GENERA	L PLANT - DEPRECIABLE											
390.0	Structures & Improvements	\$	371,471,514	\$	139,673,289	37.60%	38.0	24.0	0.0%	2.6%	\$	9,658,259
	Aircraft - Rotary Wing		8,500,000		837,508	9.85%	7.0	5.9	36.5%	9.1%		773,544
392.0	Aircraft - Fixed Wing (Jet)		42,937,037		15,011,790	34.96%	7.0	3.8	40.8%	6.4%		2,739,456
	Transportation - Automobiles		1,619,841		653,327	40.33%	8.0	4.1	8.0%	12.6%		204,025
	Transportation - Light Trucks		20,274,131		13,276,534	65.49%	9.0	3.8	12.2%	5.9%		1,188,245
392.3	Transportation - Heavy Trucks		145,450,292		81,359,736	55.94%	11.0	4.3	7.9%	8.4%		12,216,625
	Transportation - Tractor-Trailers		612,917		275,973	45.03%	11.0	5.4	11.2%	8.1%		49,642
	Transportation - Trailers		12,950,938		6,116,372	47.23%	18.0	9.6	17.9%	3.6%		469,834
	Power Operated Equipment (Transportation)		3,322,301		1,173,763	35.33%	9.0	5.1	15.2%	9.7%		322,127
	Other Power Operated Equipment		23,053		16,677	72.34%	9.0	3.3	16.8%	3.3%		761
397.8	Communications Equipment - Fiber Optics	_	7,862,228		4,477,807	56.95%	4.0	2.3 1/	4.4%	16.6%		1,303,727
TOTAL C	ENERAL - DEPRECIABLE	\$	615,024,252	\$	262,872,776	42.74%				4.7%	\$	28,926,245
GENERA	L PLANT - AMORTIZABLE											
	Leaseholds	s	2,208,431	\$	12,146	N/A	15.3	15.3	0.0%	6.5%		144,342
	Office Furniture	Ψ	10,825,477	Ψ	(10,825)	N/A	7.0	7.0	0.0%	14.3%		1,546,497
	Office Accessories		2,387,913		(10,023)	N/A	5.0	5.0	0.0%	20.0%		477,583
	Office Equipment		264,519		(265)	N/A	7.0	7.0	0.0%	14.3%		37,788
	Duplicating & Mailing Equipment		1,813,093		(1,813)	N/A	7.0	7.0	0.0%	14.3%		259,013
	EDP Equipment		27,920,938		(1,013)	N/A	5.0	7.0 5.0	0.0%	20.0%		5,584,188
	Personal Computer Equipment		37,655,112		37,655	N/A	3.0	3.0	0.0%	33.3%		12,551,704
	Transportation Equipment - Marine		69,664		71,081	N/A	5.0	5.0	0.0%	20.0%		13,933
	Transportation Equipment - Other		31,360		66,747	N/A	5.0	5.0	0.0%	20.0%		6,272
	Stores Equipment - Handling Equipment		4,286		47,794	N/A	7.0	7.0	0.0%	14.3%		612
	Stores Equipment - Storage Equipment		8,171,848		4,153,335	N/A	7.0	7.0	0.0%	14.3%		1,167,407
	Stores Equipment - Portable Handling		2,839,474		2,283,849	N/A	7.0	7.0	0.0%	14.3%		405,639
	Shop Equipment - Fixed/Stationary		5,861		17,788	N/A	7.0	7.0	0.0%	14.3%		837
	Shop Equipment - Portable Handling		17,926,703		9,323,379	N/A	7.0	7.0	0.0%	14.3%		2,560,958
	Lab Equipment - Fixed/Stationary		17,323,700		29,445	N/A	7.0	7.0	0.0%	14.3%		
	Lab Equipment - Portable		14,326,505		6,840,192	N/A	7.0	7.0	0.0%	14.3%		2,046,644
397.1	• •		14,020,000		0,040,102	N/A	7.0	7.0	0.0%	14.3%		_,0.0,0
	Communications Equipment - Other 7-Yr Amrt		81,079,700		37,771,190	N/A	7.0	7.0	0.0%	14.3%		11,582,814
	Communications Equipment - Official		21,706		27,185	N/A	7.0	7.0	0.0%	14.3%		3,101
	Miscellaneous Equipment		9,357,211		4,210,144	N/A	7.0	7.0	0.0%	14.3%		1,336,744
	ENERAL - AMORTIZABLE	<u> </u>	216,909,801	<u> </u>	64,879,027	N/A	7.0	,	0.070	18.3%	<u> </u>	39,726,076
1017.4	The second secon	•	2.0,000,001	•	04,010,021	,					•	-,,-
TOTAL G	ENERAL PLANT	\$	831,934,053	\$	327,751,803	39.40%				8.3%	\$	68,652,321
TOTAL P	LANT, EXCL. INTANGIBLES	\$	21,734,230,591	<u>\$</u>	8,250,407,365	37.96%				3.6%	\$	779,287,599

Snavely King

							Recon	mended Parar	neters		
Accoun Number	Account Description	P	ant Balance at 12/31/2005	Adj	Snavely King usted Reserve Balance at 12/31/2005	Reserve Ratio	Average Service Life	Average Remaining Life	NPV of Future Net Salvage	Remaining Life Depre. Rate	Estimated Annual Accrual
			а		b	c=b/a	đ	е	f	g=(1-c-f)/e	i=a*g
INTANG	IBLE PLANT										
302.0	Franchises & Consents	\$	-	\$	-	N/A	50.0	50.0	0.0%	2.0%	\$ -
303.0	Miscellaneous Intangibles		14,102,618		10,783,910	N/A	18.3	18.3	0.0%	5.4%	768,559
303.5	Computer Software		222,558,867		130,357,138	N/A	5.0	5.0	0.0%	20.0%	44,511,773
303.6	Capitalized Software - 10 year		335,084		248,308	N/A	10.0	10.0	0.0%	10.0%	33,508
304.0	ITC Interest Synchronization		-		6,779,781	N/A	N/A	N/A	0.0%	0.0%	
TOTAL	NTANGIBLE PLANT	\$	236,996,569	\$	148,169,137					19.1%	\$ 45,313,841
TOTAL ALL PLANT		\$	21,971,227,160	\$	8,398,576,502	38.23%				3.8%	\$ 824,601,440
AMORT	ZATION OF RESERVE EXCESS OF	\$	2,439,838,957	OVE	R 10 YEARS						\$ (243,983,896)
TOTAL A	ANNUAL ACCRUAL AND AMORTIZATION										\$ 580,617,544

#### Sources:

Cols. a, d & e from Schedule I for each plant, unless noted as Snavely King life change.

Col. b from Exhibit\_\_\_(MJM-6).

Col. f from Exhibit\_\_\_(MJM-9).

Reserve excess from Exhibit\_\_\_(MJM-6).

Note: Intangible plant not changed from Company proposal.