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June 7, 1989

Mr. Steve Tribble, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, Florida 32301

Re: Docket No. 870098-EI

Dear Mr. Tribble:

Enclosed for filing are the Revised Testimonies of Florida Power & Light Company's witnesses Messrs. Hoffman and Kuberek containing revised amounts and minor text changes and deletions resulting from the updated studies. Text in the original testimony that made reference to the May 1989 Inflation Rate Forecast has been deleted. Additionally, references to "November 1987" Inflation Rate Forecast have been changed to "May 1989 Inflation Rate Forecast." The specific pages being revised are identified below.

ACK	_____	<u>Kuberek</u>	
AFA	<u>3</u>	Page 5	Lines 2 - 5
APP	_____	<u>Hoffman</u>	
CAF	_____	Page 6	Lines 16 - 19
CMU	_____	Page 7	Lines 21 - 25 (deleted text)
CTR	<u>Orig</u>	Page 8	Line 1 (deleted text)
EAG	<u>3</u>	Page 9	Lines 5 - 6 (revised text)
LEG	<u>1</u>		Lines 3 - 6
LIN	<u>6</u>		Line 13 (revised text)
OPC	_____	Page 12	Lines 18 - 21
RCH	_____	Page 13	Lines 11 - 21
SEC	<u>1</u>	Page 14	Lines 5 - 20
WAS	_____	Page 15	Line 8 - 9
OTH	_____	Page 16	Lines 12 - 16
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			Lines 22 - 24

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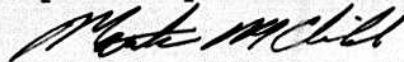
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Page 17 Lines 3 - 10
Page 18 Line 2
Page 22 Line 1
Page 23 Line 8
Lines 11 - 13 (deleted text)

Respectfully submitted,



Matthew M. Childs, P. A.

MMC:bl

Enclosures

cc: All Parties of Record

CERTIFICATE OF SERVICE
Docket No. 870098-EI

I HEREBY CERTIFY that a true and correct copy of Florida Power & Light Company's Revised Testimony of E.L. Hoffman and G. G. Kuberek was furnished to the following persons by U.S. Mail and Hand Delivery on this 7th day of June, 1989:

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By: _____

M. Robert Christ

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF EDGAR L. HOFFMAN

DOCKET NO. 870098-EI

FEBRUARY 27, 1989

1 Q. Please state your name and business address.

2

3 A. My name is Edgar L. Hoffman, Jr., and my business address is 9250 West Flagler
4 Street, Miami, Florida 33174.

5

6 Q. By whom are you employed and in what capacity?

7

8 A. I am employed by Florida Power & Light Company (Company) as Treasurer and
9 Director of Finance.

10

11 Q. What is the purpose of your testimony?

12

13 A. To request consideration from the Commission for an increase in the Company's
14 revenue requirements as they relate to the estimated costs associated with
15 decommissioning the Company's four nuclear units at the St. Lucie and Turkey
16 Point sites. The basis for this request is an updated engineering study
17 performed by the independent consulting firm of TLG Engineering Inc. (TLG)
18 which estimates an increase in the nuclear plant decommissioning costs upon
19 which the current cost of service amounts are based. Additionally, my

1

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1 **testimony is meant to present responses to issues related to the process of**
2 **Nuclear Plant Decommissioning as it relates to those parts of the Studies filed**
3 **with the Commission in 1988 for which I am the primary witness.**
4

5 **Q. Please describe your educational and professional background and experience.**
6

7 **A. In January 1972, I graduated from the University of Wisconsin - Milwaukee**
8 **with a Bachelor of Business Administration degree and received a Master of**
9 **Business Administration degree in December 1974 from the same University.**
10

11 **In December 1971, I was employed by Wisconsin Electric Power Company,**
12 **starting as a Financial Analyst and ultimately attained the position of Project**
13 **Analyst. In 1978, I accepted the position with Florida Power & Light Company**
14 **as a Senior Financial Analyst in the Finance Department. In 1980 I was**
15 **promoted to Coordinator of Financial Planning and to Manager of Financial**
16 **Analysis and Forecasts in December 1981. From December 1985 through May**
17 **1986 I was the Manager of Regulatory Accounting and Research. In June 1986**
18 **I was promoted to Director of Finance and Assistant Treasurer and to my**
19 **current position as Treasurer and Director of Finance in January 1987.**
20

21 **Q. Are you sponsoring any schedules included in the Exhibits section of this filing?**
22

23 **A. No, I am not.**

1 Q. Before discussing the costs of nuclear decommissioning, what methodology is
2 considered to be most appropriate by the Company for purposes of
3 decommissioning its four nuclear units?
4

5 A. Based on the Decommissioning Cost Studies prepared by TLG and the
6 recommendation of Thomas S. LaGuardia of TLG, the Company's
7 Decommissioning Steering Committee comprised of various Company executives,
8 decided on the most appropriate decommissioning methodology for each of the
9 Company's two nuclear sites. The Company chose to decommission its facilities
10 in what may be considered a prompt, yet integrated manner. Factors considered
11 in reaching a decision on the appropriate decommissioning methodology
12 included cost, logistics, health, safety, security and the future regulatory
13 environment.
14

15 The prompt (and integrated) decommissioning methodology is the least expensive
16 of the conventional decommissioning alternatives (as defined in the Nuclear
17 Regulatory Commission's (NRC) Nuclear Decommissioning Rule issued on June
18 27, 1988 and made effective July 27, 1988) available to the Company for both
19 of its plants. As estimated by TLG, delayed decommissioning methods were
20 anywhere from 11.3% to 23.7% more expensive for the St. Lucie Plant and from
21 11.2% to 30.4% more expensive for the Turkey Point Plant. Other important
22 considerations dealt with eliminating potential uncertainties associated with a
23 prolonged period of plant dormancy or entombment. Health and safety concerns
24 related to a nuclear plant which sits idle for a prolonged period of time raise
25 many unanswered questions. Concern for these health and safety uncertainties

1 were expressed by the NRC in its Nuclear Decommissioning Rule. Absent any
2 clear showing of why a nuclear plant should be decommissioned on a delayed
3 basis, the NRC recommended prompt dismantlement. Lastly, the prompt
4 decommissioning methodology limits the Company's exposure to potentially
5 costly regulatory actions which could be imposed on utilities having plants that
6 remain dormant or entombed for extended periods of time.

7
8 Each of the two sites - St. Lucie and Turkey Point - has two units. Consequently,
9 it is necessary to integrate the decommissioning process so that, at each site
10 decommissioning of both units is performed simultaneously.

11
12 The current license expiration date for each of the two units at the Turkey
13 Point Plant is April 27, 2007. Because of identical license expiration dates,
14 preparations for and the activities associated with decommissioning occur in an
15 integrated fashion over very much the same period of time. The terminology
16 used by TLG to describe this methodology in its Turkey Point Decommissioning
17 Cost Study is Integrated Prompt Removal/Dismantling.

18
19 A similar approach is planned for the St. Lucie Plant. However, current license
20 expiration dates for Unit Nos. 1 and 2 are March 1, 2016 and April 6, 2023
21 respectively. Given this seven year difference in license expiration dates and
22 the Company's decision to integrate the decommissioning process, it will be
23 necessary to prepare (through what is termed "mothballing") Unit No. 1 for a
24 period of dormancy. This dormancy period will last until the license expiration
25 date of Unit No. 2, at which time the decommissioning activities for both units

1 will occur in an integrated fashion over the same period of time. The
2 terminology used by TLG to describe this methodology in its St. Lucie
3 Decommissioning Cost Study is Mothball/Prompt-Integrated Station Dismantling.

4
5 The integrated approach to decommissioning allows for a one time mobilization
6 of personnel and equipment necessary to decommission the units at each of the
7 two sites. The Company believes a one time mobilization effort will help to
8 eliminate the potentially significant logistical considerations and costs necessary
9 to organize resources at two different moments in time. Additionally, one time
10 mobilization of resources allows for experience gained in the decommissioning
11 of one unit to be more easily applied to the decommissioning processes at
12 another unit.

13
14 Integrating the decommissioning process helps to eliminate concerns over having
15 to secure one facility which is operating, from a unit which is being
16 decommissioned. Congestion associated with decommissioning one unit could
17 pose security problems at a site where another unit is still being operated.
18 Important operational and safety considerations deal with the potential hazards
19 associated with blasting activities necessary to complete the decommissioning
20 process. Activities such as this which occur in close proximity to another unit
21 which may still be operational, raise questions concerning the safety of
22 continuing plant operations and its personnel. All of the previously mentioned
23 points are especially true at the St. Lucie Plant, where license expiration dates
24 are significantly different from one another.

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1 Q. For the decommissioning methodology selected by the Company, what is the
2 estimated appropriate cost in current (1988) dollars to decommission each of the
3 nuclear units?
4

5 A. The cost estimates contained in the Decommissioning Cost Studies approved by
6 the Company were expressed in 1987 dollars. Using the escalation rate
7 methodology discussed in testimony which follows, the estimated 1987 costs were
8 escalated by the Company and expressed in 1988 dollars. The escalation rate
9 methodology used produced slightly different rates for each of the four nuclear
10 units in 1988. Given below, for each of the four nuclear units are the 1988
11 escalation rates as derived and the estimated future costs of decommissioning
12 in 1988 dollars.
13

14		1988	Estimated Future Costs
15	<u>Unit</u>	<u>Escalation Rate</u>	<u>in 1988 Dollars</u>
16	St. Lucie No. 1	4.01%	\$206,262,473
17	St. Lucie No. 2	3.83%	203,421,665
18	Turkey Point No. 3	3.97%	162,771,355
19	Turkey Point No. 4	3.91%	191,133,750

20
21 These costs were escalated to 1988 based on the Company's May 1989 Inflation
22 Rate Forecast.
23
24
25

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1

2

3

Q. What methodology and escalation rate were used to convert the current estimated decommissioning cost to the future decommissioning estimated cost?

4

5

6

A. Summary explanations of the escalation rate methodology and detailed calculations of the rates used to escalate the 1987 decommissioning cost estimates provided by TLG are provided in each of the 1988 Decommissioning Cost Studies filed with the Commission. Following is a further explanation of the escalation rate methodology used by the Company.

7

8

9

10

11

12

The decommissioning process consists of several activities. These activities have been summarized in the Company's Decommissioning Cost Studies as: Decontamination, Removal, Packaging, Shipping, Burial, Staff and Other. The costs associated with each activity can be expected to increase at different rates throughout time. An escalation rate methodology which considers the potential for escalation rate differences between decommissioning activities was used.

13

14

15

16

17

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19

The Company's methodology considers the current and projected costs of each of the above decommissioning activities separately for purposes of computing an overall, or average escalation rate. Each of the previously defined decommissioning activities is separated further into three component parts; labor, material and other. The proportionate cost (in 1987 dollars) for each of these three components was provided to the Company by TLG Engineering Inc. Using the decontamination activity for St. Lucie Unit No. 1 as an example, the

20

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1 proportion of labor, material and other costs as a percentage of total costs for
2 the Decontamination activity was 65.5%, 34.5% and 0.0% respectively.

3
4 With each of the decommissioning activities separated into labor, material and
5 other components, the inflation index, from the Company's official May 1989
6 Inflation Rate Forecast, which was believed to best characterize future
7 escalation of each cost component was determined. The inflation index used
8 for the labor component, depended on whether it was craft or staff labor. An
9 Average Hourly Earnings Index for construction workers was used for craft
10 labor. Staff labor was escalated using a similar Average Hourly Earnings Index
11 for service workers. The Producer Price Index (for capital equipment) and the
12 GNP Deflator were used to escalate material and the other cost components,
13 respectively.

14
15 The escalated costs for each of the different decommissioning activities were
16 determined for each year of the Study. Summing the escalated costs of all
17 activities for a particular year and comparing this cost relative to the previous
18 year's cost provided the annual escalation rate for the total decommissioning
19 process from one year to the next. This process was repeated for each of the
20 four nuclear units over the applicable analytical horizon.

21
22 An overall effective rate, equivalent to the year by year rates was determined

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1 for each unit and are shown below.

2	<u>Unit</u>	<u>Overall Escalation Rate</u>
3	St. Lucie Unit No. 1	5.0%
4	St. Lucie Unit No. 2	5.0%
5	Turkey Point Unit No. 3	5.0%
6	Turkey Point Unit No. 4	4.9%

7

8 Q. Given this escalation rate methodology, what is the total estimated cost of
9 decommissioning each unit in future dollars based upon the present operating
10 license termination dates?

11

12 A. The following future dollar cost estimates are based on the Company's May
13 1989 Inflation Rate Forecast. For each of the Company's four nuclear units
14 the current license expiration date and the total estimated future cost of
15 decommissioning is given below.

16

17	<u>UNIT</u>	<u>LICENSE EXPIRATION</u>	<u>EST. FUTURE COST</u>
18	St. Lucie No. 1	March 1, 2016	\$1,156,040,449
19	St. Lucie No. 2	April 6, 2023	1,272,855,821
20	Turkey Point No. 3	April 27, 2007	462,822,891
21	Turkey Point No. 4	April 27, 2007	557,567,350

22

23 These estimated future costs apply only to the decommissioning methodology
24 selected by the Company for each of its two plants; Mothball/Prompt-Integrated
25 Station Dismantling for St. Lucie Unit Nos. 1 and 2, and Integrated Prompt

1 **Removal/Dismantling for Turkey Point Unit Nos. 3 and 4.**

2

3 **The estimated future costs for St. Lucie Unit No. 2 include the obligations of**
4 **the Orlando Utilities Commission and the Florida Municipal Power Agency**
5 **which own 6.08951% and 8.806% of the Unit respectively.**

6

7 **Q. As presently planned, in which years will the funds accumulated in the Nuclear**
8 **Decommissioning Trust Fund be expended for each unit?**

9

10 **A. The years in which funds are to be expended by the Company to meet the**
11 **estimated costs of decommissioning each of the four nuclear units is given**
12 **below.**

13

14	<u>Unit</u>	<u>Year(s) of Fund Expenditures</u>
15	St. Lucie No. 1	2014 - 2028
16	St. Lucie No. 2	2021 - 2028
17	Turkey Point No. 3	2005 - 2013
18	Turkey Point No. 4	2005 - 2014

19

20 **The timing of fund expenditures for each unit is based on the Engineering Cost**
21 **Study performed for the Company by TLG Engineering, Inc. and the**
22 **decommissioning methodology selected by the Company for each of its four**
23 **units. The greater number of years over which funds will be expended for St.**
24 **Lucie Unit No. 1 versus those of Unit No. 2 is attributable to the difference in**
25 **the operating license expiration date for the units. Because the operating license**

1 of St. Lucie Unit No. 1 is currently expected to expire approximately seven years
2 prior to that of St. Lucie Unit No. 2, fund expenditures are made for activities
3 which enable Unit No. 1 to remain dormant until the license expiration of St.
4 Lucie Unit No. 2. Upon License expiration of St. Lucie Unit No. 2, both Units
5 will be decommissioned together on an integrated basis. Because there is no
6 difference in license expiration dates for the Turkey Point Units, expenditures
7 are made over approximately the same period of time.

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1 Q. What is the estimated future cost of decommissioning by unit in each year in
2 which decommissioning funds will be expended?

3

4 For each of the Company's four nuclear units the estimated future cost of
5 decommissioning for each year in which funds are expended, is given below.

6

7 Turkey Point Plant

8 Integrated Prompt Removal/Dismantling

9

10	Year of	Estimated Future Cost	
	<u>Decommissioning</u>	<u>Unit No. 3</u>	<u>Unit No. 4</u>
11	2005	\$ 1,043,067	\$ 562,625
12	2006	4,432,678	2,437,959
13	2007	28,236,950	20,082,623
14	2008	87,716,291	29,831,671
15	2009	116,491,727	99,502,966
16	2010	122,316,313	131,947,742
17	2011	61,930,931	138,413,181
18	2012	30,114,852	77,328,929
19	2013	10,540,081	45,521,897
20	2014		<u>11,937,757</u>
21	Totals	<u>\$462,822,891</u>	<u>\$557,567,350</u>

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1	St. Lucie Plant		
2	Mothball/Prompt - Integrated Dismantling		
3	Year of	Estimated Future Cost	
4	<u>Decommissioning</u>	<u>Unit No. 1</u>	<u>Unit No. 2</u>
5	2014	\$ 1,634,646	
6	2015	6,411,176	
7	2016	68,854,515	
8	2017	24,649,790	
9	2018	10,980,815	
10	2019	11,529,856	
11	2020	12,106,349	
12	2021	12,711,666	\$ 1,122,585
13	2022	65,026,359	4,672,311
14	2023	221,961,640	53,920,525
15	2024	241,815,795	237,021,222
16	2025	253,906,585	306,142,509
17	2026	112,271,649	321,449,635
18	2027	103,153,326	200,065,343
19	2028	<u>9,026,282</u>	<u>148,461,690</u>
20	Totals	<u>\$1,156,040,449</u>	<u>\$1,272,855,821</u>

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1 Q. What are the annual accruals and revenue requirements in equal dollar amounts
2 necessary to recover future decommissioning costs, net of tax, over the remaining
3 life for each of the Company's nuclear power units?
4

5 A. The following jurisdictional annual accruals and revenue requirements are
6 needed to meet the estimated costs of decommissioning. These amounts are
7 based on the Company's estimates of 1988 decommissioning costs and the May
8 1989 Inflation Rate Forecast which assumed an estimated decommissioning
9 fund after-tax earnings rate of 5.5%.

11	<u>Unit</u>	<u>Annual Accrual</u>	<u>Annual Revenue Requirements</u>
12	St. Lucie No. 1	\$ 8,325,464	\$ 8,485,898
13	St. Lucie No. 2	7,113,878	7,250,965
14	Turkey Point No. 3	8,611,724	8,777,675
15	Turkey point No. 4	<u>11,424,866</u>	<u>11,645,027</u>
16	Total	<u>\$35,475,932</u>	<u>\$36,159,565</u>

17
18 The annual accruals and revenue requirements are assumed to be collected
19 equally over the remaining operating life of each unit, beginning January 1,
20 1989. The annual accruals through the currently estimated remaining life of
21 these units are amounts which will be needed to cover the currently estimated
22 jurisdictional costs of decommissioning each of the four units. Because the
23 Company is obligated to pay Regulatory Assessment Fees (0.125%) and Gross
24 Receipts Tax (1.5%) along with a provision which must be made for

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1 **Uncollectible Accounts (0.2656%) on its total revenues, the above annual revenue**
2 **requirements exceed the accruals. An increase in the Regulatory Assessment Fee**
3 **from 0.0833% to 0.125% which became effective January 1, 1989 was approved**
4 **by the Commission at an Agenda Conference in November, 1988. As a result,**
5 **the above revenue requirements differ from those submitted in our 1988**
6 **Decommissioning Cost Studies.**

7
8 **The annual revenue requirements above, represent an increase of \$16,974,793**
9 **over the Company's current revenue requirements of \$19,184,772 as established**
10 **in previous Commission Orders.**

11
12 **Q. What method is currently used by the Company to fund for decommissioning**
13 **costs?**

14
15 **A. Prior to Internal Revenue Service (IRS) Code Section 468A which provided for**
16 **the establishment of qualified funds, the Company made contributions to a non-**
17 **qualified fund. Contributions to the non-qualified fund were to be used to**
18 **meet the cost of decommissioning all of the Company's nuclear units. The IRS**
19 **Code which now provides for the establishment of qualified funding**
20 **arrangements enable the Company to make an annual election to make either**
21 **qualified or non-qualified contributions to the fund(s). Unlike the non-**
22 **qualified fund, contributions to a qualified fund must be used to meet the costs**
23 **of decommissioning a specific nuclear unit. Mr. Kubereck, in his testimony,**
24 **discusses the regulations which govern qualified funding elections by the**
25 **Company.**

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1 Contributions to the qualified fund are made to an external trustee, State Street
2 Bank & Trust Company (State Street), Boston, Massachusetts. State Street acts
3 as a trustee for the qualified fund and has certain responsibilities to ensure that
4 the qualified funds are in compliance with the requirements of Section 468A
5 of the IRS Code and the terms and conditions of the Trust Agreement. In
6 addition, State Street also provides custodial services to the Company as they
7 relate to the qualified funds.

8
9 Contributions made to the non-qualified fund are also made to State Street,
10 which also serves as Trustee for the non-qualified fund. State Street's
11 responsibilities as Trustee for the non-qualified fund are not as broad as those
12 required for the qualified fund. The Trustee has additional responsibility with
13 respect to the qualified fund to ensure compliance with IRS Code Section 468A.
14 The Company continues to control the selection of the investments for both the
15 qualified and non-qualified funds.

16
17 As of December 31, 1988 the differences between actual fund balances and
18 those which were used in the Decommissioning Studies follow:

	Adjusted Fund Balance		
	Used in the Study	Actual	Difference
	<u>(000's)</u>	<u>(000's)</u>	<u>(000's)</u>
23	Qualified \$ 80,090	\$ 78,067	\$ 2,023
24	Non-Qualified <u>51,799</u>	<u>22,129</u>	<u>29,670</u>
25	Combined <u>\$131,889</u>	<u>\$100,196</u>	<u>\$ 31,693</u>

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1 filed with the Commission. The assumed earnings rate on Federal and State
2 income tax refunds/adjustments is 5.5%.

3

4 Q. What are the costs associated with the trustee services and portfolio management
5 of the Company's nuclear decommissioning fund?

6

7 A. The fees payable to the trustee, State Street, are assessed on a sliding scale based
8 on the market value of the securities being held and are paid by the Fund. The
9 current fee schedule is as follows:

10

11	First \$5 million	1/5th of 1%
12	Next \$10 million	1/10th of 1%
13	Next \$15 million	1/20th of 1%
14	Next \$20 million	1/30th of 1%
15	Over \$50 million	1/50th of 1%

16

17 In addition, nominal transaction and accounting fees are charged.

18

19 State Street was chosen as Trustee for the Fund because of their commitment
20 to trust business, a high level of automation, technical sophistication and a
21 competitive fee structure for services provided.

22

23 The management of the Fund's assets is presently performed by staff within the
24 Finance Department. There are no plans to incur the additional cost of outside
25 managers unless it could be demonstrated that an outside manager would

1 provide an incremental return with an equivalent level of investment safety.
2 The Company's pension consultants estimate that the Fund would incur an
3 additional annual cost of between 25 to 50 basis points if outside managers
4 were to be utilized.

5

6 **Q. What is the investment strategy for the Company's Nuclear Decommissioning**
7 **Fund?**

8

9 **A. The primary objective of the fund is to provide the capital necessary for the**
10 **decommissioning of the Company's nuclear power plants at the end of their**
11 **respective licensing periods. To accomplish this, the strategy is to maximize the**
12 **earnings growth of the portfolio while maintaining a high degree of safety so**
13 **as to minimize future customer contributions. Safety will be increased through**
14 **the use of fixed income investments, with quality controls and diversification**
15 **guidelines used to manage credit risk. The higher after-tax returns from**
16 **investments in municipal securities further strengthens the portfolio in meeting**
17 **its funding objective.**

18

19 **In January 1988, the Company's nuclear decommissioning fund was separated**
20 **into two components, non-qualified and qualified. A qualified fund was**
21 **established to realize the tax benefits offered in Section 468A of the IRS Code.**
22 **Meeting the requirements of Section 468A requires the assets of the qualified**
23 **fund to be invested in assets as defined in the "Black Lung Act", which are**
24 **public debt securities of the United States, obligations of state or local**
25 **governments or time or demand deposits. The monies remaining in the non-**

1 **qualified fund are not subject to regulatory restriction.**

2

3 **The ability of a decommissioning fund to meet its future liabilities is based on**
4 **the accuracy of cost estimates and the accompanying rate of inflation. Because**
5 **inflation will play such an important role in meeting the future obligation of**
6 **a decommissioning fund, the Company hopes to achieve a real return on the**
7 **fund greater than the rate of inflation. To accomplish this, a decommissioning**
8 **fund should pursue an investment strategy that is sensitive to change in the**
9 **environment related to decommissioning costs, technology, regulation and**
10 **financial market volatility. This means pursuing a course that diversifies**
11 **market risk over time rather than matching all investment maturities with each**
12 **plant's expected license expiration date. Because the Decommissioning Fund is**
13 **a taxable entity, at the existing corporate tax rate of 34%, tax-exempt municipal**
14 **securities provide the greatest economic benefit for both the qualified and non-**
15 **qualified portfolios. Since establishing the reserve in 1983, the Company has**
16 **pursued a strategy of using tax-advantaged fixed income instruments, namely,**
17 **municipal bonds and preferred stock. Municipal bonds have consistently**
18 **provided a higher after-tax benefit to the Fund than alternative taxable**
19 **securities. During 1988 the average after-tax yield "pick-up" on new purchases**
20 **of municipal bonds over U.S. Treasury Securities issued with comparable**
21 **maturities was approximately 140 basis points.**

22

23 **Preferred stock has been an attractive investment from time to time because**
24 **of the Dividends Received Deduction (DRD) to institutional investors. High**
25 **quality sinking fund preferred stock has been used extensively in what is now**

1 labeled the non-qualified fund but has lost some of its appeal due to the
 2 reduction of the DRD to 70% from 85% and the general lack of supply of high
 3 quality issues.

4

5 Q. What is the asset structure of the decommissioning portfolios and what has been
 6 the historical investment performance?

7

8 A. On December 31, 1988 the asset mix of the decommissioning fund was as
 9 follows:

	Non-Qualified	Qualified	Combined
	<u>(000's)</u>	<u>(000's)</u>	<u>(000's)</u>
12 Cash & Equivalents	\$ 274	\$ 1,195	\$ 1,469
13 Municipal Bonds	20,040	76,872	96,912
14 Preferred Stock	<u>1.815</u>	<u>-0-</u>	<u>1.815</u>
15 Total	<u>\$22.129</u>	<u>\$78.067</u>	<u>\$100.196</u>

16

17 The historical investment performance as of December 31, 1988 is as follows:

18

	<u>After-Tax Time Weighted Rates of Return</u>			
	Past	Past	Past	Since
	<u>1 Year</u>	<u>2 Years</u>	<u>3 Years</u>	<u>Inception</u>
22 Combined Fund	3.6%	3.1%	5.6%	8.0%

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1 Q. How was the Company's 5.5% earning rate computed?

2

3 A. Since earnings of the decommissioning funds are taxable, the funds receive the
4 greatest benefit from tax free municipal bonds. An analysis of historical
5 municipal bond yields was performed. Thirty-eight years of Moody's "Aa" 10
6 and 20 year municipal bond yields were examined and compared to the
7 Consumer Price Index (CPI) for a like period. To smooth out the effects of
8 market distortion, 30 year moving averages were calculated for both maturities.
9 The 30 year moving average yield spread to CPI for the 10 year "Aa" municipal
10 was calculated to be a negative 8 basis points. For the 20 year "Aa" municipal
11 the spread was a positive 50 basis points. The average earnings rate was derived
12 by weighting the average yield spreads to CPI of the 10 and 20 year "Aa"
13 municipal bonds. By assuming a 50/50 weighting of the two spreads the
14 following results were obtained:

15		Average 30		Weighted Average
16	Municipal	Year Spread	Assumed	30 Year Spread
17	<u>Bond</u>	<u>Over/Under CPI</u>	<u>Weighting</u>	<u>Over/Under CPI</u>
18	10 Year	-0.08%	50%	-0.04%
19	20 Year	0.50%	50%	<u>+0.25%</u>
20				<u>+0.21%</u>

REVISED

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20				<u>+0.21%</u>

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1 **By adding the weighted average yield spread above to the CPI as forecasted by**
2 **the Company, an after-tax earnings rate was derived.**

3			
4	Company's		
5	Long Term	Weighted	Assumed
6	Average CPI	Average	Earnings
7	<u>Forecast</u>	<u>Spread Over CPI</u>	<u>Rate Forecast</u>
8	5.3%	0.21%	5.5%
9			

10 **Since the assumed earnings rate is tied to the Company's forecast of the CPI this**
11 **rate will be subject to change from time to time.**

12
13
14
15 **Q. Why does the Company feel this rate is appropriate?**

16
17 **A. Based on the taxability of the decommissioning fund, it was determined that the**
18 **most meaningful proxy for future earnings growth would be to compare**
19 **historical long term municipal bond yields against CPI. This long term look at**
20 **historical municipal bond yields gives a good picture of the trend of bond yields**
21 **during periods of both very low and high periods of inflation and the effects**
22 **that the "oil shock" of the 1970's had on the market. This demonstrates that over**
23 **long periods of time it is difficult to beat inflation.**

24
25 **Because of the limited and erratic supply of high grade preferred stock issues,**

1 it would be inappropriate to make an assumption that these higher yielding
2 securities make up a significant part of the asset mix in the future and
3 therefore, impact the Company's earnings rate assumption.

4
5 Total return measures include any unrealized appreciation or depreciation of
6 a security which will vary with market fluctuations. This is particularly useful
7 for securities which do not have a final maturity such as common stocks. Since
8 the decommissioning fund is generally comprised of fixed income instruments
9 which have a stated maturity and will be used to eventually fund a liability
10 with a known payout date, it was determined that it will be the earnings cash
11 flow and the compounding of those earnings that will provide the dollars
12 required rather than price appreciation. For instance, assume a portfolio was
13 to purchase a \$1 million, 20 year bond at par, with a 5.6% coupon and that the
14 reinvestment rate on the coupon payments is also 5.6%. Over the life of this
15 bond the interest earned on interest represents over 40% of the total income. It
16 is this income flow and accumulation of the reinvestment of that income that
17 will finally determine the ability of the Fund to meet its obligation and
18 therefore, was the determining factor in selecting this methodology. The
19 Company's investment strategy has generally been one which focuses on long-
20 term earnings accumulation, rather than one which attempts to capitalize on
21 short-term price differentials between securities.

1 Q. **How often should contributions be made to the Company's Decommissioning**
2 **Fund?**

3

4 A. **The Company bills its customers for service provided on a monthly basis. A**
5 **portion of the costs recovered in a billing cycle are considered costs associated**
6 **with nuclear plant decommissioning. In that the costs are recovered by the**
7 **Company on a monthly basis, monthly contributions to the fund are considered**
8 **to be most appropriate. The current Decommissioning Studies assume that fund**
9 **contributions and earnings are applied on a monthly basis.**

10

11 Q. **Mr. Hoffman, does this conclude your testimony?**

12

13 A. **Yes, it does.**

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF

GARY G. KUBEREK

DOCKET NO. 870098-EI

FEBRUARY 27, 1989

1 Q. Please state your name and business address.

2

3 A. My name is Gary G. Kuberek and my business address is 9250
4 West Flagler Street, Miami, Florida 33174.

5

6 Q. By whom are you employed and in what capacity?

7

8 A. I am employed by Florida Power & Light Company (the
9 Company) as Assistant Comptroller Corporate Tax.

10

11 Q. Please describe your educational background and business
12 experience.

13

14 A. I am a graduate of the University of Tennessee with a
15 Bachelor of Science degree in Business Administration,
16 with a major in accounting. In addition, I have completed
17 the Executive Program in Business Administration at
18 Columbia University. I was employed by the Company in

1 1972 and have worked in its Accounting Department since
2 that time. I have held various technical and managerial
3 positions with the Company, including Tax Analyst, Manager
4 of Corporate Tax, Assistant Comptroller and Manager of
5 Corporate Tax; Assistant Comptroller and Director of
6 Corporate Taxes and Property Accounting and my present
7 position, Assistant Comptroller Corporate Tax. I was
8 Chairman of the Edison Electric Institute Taxation
9 Committee for the fiscal year 1982-1983. Before joining
10 the Company, I held various positions with the Internal
11 Revenue Service.

12

13 Q. Will you please describe your duties as Assistant
14 Comptroller Corporate Tax?

15

16 A. As Assistant Comptroller Corporate Tax, I am responsible
17 for directing the Company-wide functions concerning taxes
18 and providing tax policy guidelines to all levels of the
19 organization. In addition, I am responsible for advising
20 management of the effect of taxes on business decisions.

21

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

23

24 A. The purpose of my testimony in this proceeding is to
25 explain the Company's accounting practices for the year

1 decommissioning costs included in the Company's cost of
2 service and significant changes in regulations occurring
3 subsequent to the Company's last decommissioning hearing.
4

5 Q. How are nuclear decommissioning costs accounted for in the
6 Company's books and records?
7

8 A. In compliance with Order No. 10987, Docket No. 810100-EU,
9 issued July 13, 1982, the Company recovers the estimated
10 nuclear decommissioning costs over the remaining life of
11 the nuclear unit. The nuclear decommissioning costs are
12 recorded as a separate expense in sub-account 403,
13 Depreciation Expense. The related decommissioning
14 reserves are also segregated within the accumulated
15 provision for depreciation. Revenues collected associated
16 with nuclear decommissioning costs are deposited in the
17 funds on a monthly basis.
18

19 Q. Are the parties owning an interest in the nuclear units
20 of the Company required to provide for their proportionate
21 share of the total decommissioning costs?
22

23 A. Yes. The participation agreements are associated with St.
24 Lucie Unit No. 2 and are between the Company and Florida
25 Municipal Water Agency (FWMA) and Florida Utilities

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	<u>Total Company</u>	<u>Jurisdiccional</u>
1		
2	Turkey Point Unit No. 3	\$ 8,766,809
3	Turkey Point Unit No. 4	11,630,612
4	St. Lucie Unit No. 1	8,475,393
5	St. Lucie Unit No. 2	7,241,989

6

7 Q. What is the projected date that each nuclear unit will no
8 longer be included in rate base for ratemaking purposes?

9

10 A. For purposes of the present decommissioning filing, the
11 Company projected that the nuclear units would be retired
12 and removed from rate base for ratemaking purposes as
13 follows:

14	Turkey Point Unit No. 3	April 27, 2007
15	Turkey Point Unit No. 4	April 27, 2007
16	St. Lucie Unit No. 1	March 1, 2016
17	St. Lucie Unit No. 2	April 6, 2023

18

19 Q. Have any laws been enacted or regulations been issued since
20 the last decommissioning hearing which have a significant
21 affect on nuclear decommissioning as discussed in your
22 testimony?

23

24 A. Yes. Section 468A of the Internal Revenue Code was added
25 by the Tax Reform Act of 1984 providing for an annual

1 election to make a tax deductible contribution to a
2 qualified nuclear decommissioning fund if certain
3 conditions are met.

4
5 In 1986, the Treasury Department issued Temporary
6 Regulations under Section 468A. The Temporary Regulations
7 provided transition rules which allowed a tax deduction
8 for cash payments to a qualified nuclear decommissioning
9 fund for tax years 1984 through 1986. The final
10 regulations were issued in March 1988.

11
12 On June 27, 1988, the Nuclear Regulatory Commission (NRC)
13 issued a final rule amending its regulations, to be
14 effective July 27, 1988, requiring that financial
15 assurance be provided so funds will be available for
16 decommissioning nuclear units. This assurance must be
17 demonstrated by one of the following methods: 1)
18 Prepayment prior to the start of operation; 2) External
19 sinking fund, or 3) A surety method, insurance or other
20 guarantee method. Under the prepayment or sinking fund
21 methods, the NRC would require that funds for nuclear
22 decommissioning be segregated from the licensee's other
23 assets and outside the licensee's administrative control.
24 In addition, the NRC rules require utilities with
25 pressurized water reactor units to set aside certain

1 minimum decommissioning funds based on megawatt thermal
2 capacity. Under this rule, the Company would be required
3 to provide a minimum of approximately \$95 million per unit
4 at Turkey Point and approximately \$100 million per unit
5 at St. Lucie (in 1986 dollars). These NRC estimates do
6 not include costs to ship spent fuel and demolish non-
7 radioactive structures, as the NRC does not consider these
8 decommissioning activities. These amendments to the
9 regulations effectively require a utility with an
10 ownership interest in a nuclear unit to establish an
11 external fund to provide for decommissioning of the
12 nuclear unit.

13
14 In order to meet the conditions of Section 468A of the
15 Internal Revenue Code and to comply with NRC requirements,
16 the Company determined that the current arrangement,
17 placing nuclear decommissioning funds with a trustee was
18 required. This arrangement also complies with Order No.
19 10987 which states that "decommissioning cost of nuclear
20 generating units shall be funded by use of a funded
21 reserve".

22
23 Q. What is a qualified nuclear decommissioning fund?

24

25 A. A qualified nuclear decommissioning fund is a fund

1 established to meet the requirements of Section 468A of
2 the Internal Revenue Code.

3

4 Q. What is the purpose of establishing a qualified fund?

5

6 A. The purpose of establishing a qualified fund is to permit
7 the Company the opportunity to make an election to take
8 a tax deduction for cash payments to a nuclear
9 decommissioning fund. In the absence of an election under
10 Section 468A of the Internal Revenue Code, payments to a
11 nuclear decommissioning fund are not tax deductible until
12 economic performance, i.e. actual decommissioning, occurs.

13

14 Q. What are the major requirements under Section 468A of the
15 Internal Revenue Code for obtaining a tax deduction for
16 a payment to a nuclear decommissioning fund?

17

18 A. The major requirements which must be met under Section
19 468A of the Internal Revenue Code in order to obtain a tax
20 deduction are:

21

22 1. The taxpayer must receive a ruling from the Internal
23 Revenue Service approving the schedule of amounts
24 (ruling amount) applicable to the nuclear
25 decommissioning fund:

1 2. The payments to the fund must be included in cost of
2 service for ratemaking purposes. However, such
3 amount is limited to the ruling amount for tax
4 deduction purposes;

5
6 3. The taxpayer must establish a nuclear decommissioning
7 trust fund for each unit; and

8
9 4. The fund investments must be limited to those
10 enumerated in Section 468A of the Internal Revenue
11 Code.

12
13 In my Document 2, I have included selected pages from the
14 executive summary of the Company's filing which explains
15 in more detail the requirements, the tax consequences and
16 advantages and disadvantages of a qualified fund.

17
18 Q. Why did the Company elect to make contributions to
19 qualified funds for years 1984 through 1987?

20
21 A. In Order No. 17467, Docket No. 870273-EI, issued on
22 April 27, 1987, the Commission required the Company to
23 file requests with the Internal Revenue Service seeking
24 ruling amounts under Section 468A. The Company filed its
25 request for rulings on May 7, 1987 and was issued ruling

1 amounts for the Turkey Point Units in December 1987 and
2 the St. Lucie Units in January 1988. Upon receiving these
3 ruling amounts, the Company had thirty days to make
4 deposits to qualified funds for years 1984 through 1986
5 or lose the ability to make elections for such years.
6 After giving consideration to the reduction in the
7 corporate Federal income tax rate from 46% to 34%,
8 effective July 1, 1987, the Company believed the
9 advantages of the qualified fund outweighed the
10 disadvantages for those years. The Company elected to make
11 qualified contributions to nuclear decommissioning funds
12 for tax years 1984 through 1986 and filed amended tax
13 returns. Based on the previous analysis, the Company
14 elected to make qualified contributions for 1987 in the
15 original return as filed. The revenue requirements
16 related to nuclear decommissioning determined in the
17 Company's previous filing were premised upon a 46% Federal
18 tax rate. With the lowering of the Federal tax rate to
19 34%, the Company incurred a projected deficiency in its
20 funding. In fact, the annual revenue requirements
21 requested under the petition as filed would have been
22 higher had the Company not made these elections.

23

24 Q. Should the Company be required to elect qualified nuclear
25 decommissioning contributions in the future?

1 A. No. While the required contribution must be funded each
2 year, the Company decides whether to make contributions
3 to either the qualified or nonqualified nuclear
4 decommissioning fund based on the current facts and
5 circumstances applicable to the Company. If the
6 Commission were to require the Company to elect and make
7 contributions to the qualified funds, it would take away
8 the Company's ability to adapt to changes in circumstances
9 in the future that might produce lower revenue
10 requirements for our customers. By prescribing taxpayer
11 elections, the Commission would impede the ability of the
12 Company to avail itself of the most cost effective
13 strategy and, therefore, I would strongly recommend
14 against setting such a precedent.

15

16 Q. Does the Company believe its current filing will provide
17 the funds necessary to decommission its nuclear units
18 based on the current decommissioning study performed by
19 TLG Engineering, Inc. and the cost escalation and
20 inflation rates supported by the Company?

21

22 A. Yes. The Company believes that based on the current
23 decommissioning study performed by TLG Engineering, Inc.,
24 and the cost escalation and inflation rates supported by
25 the Company, the recovery of decommissioning costs set

1 forth in its petition will be sufficient to decommission
2 the nuclear units upon termination of their licenses.

3

4 Q. Should the dismantlement of nuclear non-contaminated plant
5 components be included in the funding for nuclear
6 decommissioning, or recovered separately through
7 depreciation based on the lives and costs specifically
8 related to those nuclear non-contaminated reusable
9 components?

10

11 A. At this time, the dismantlement of the nuclear non-
12 contaminated plant components is and should be included
13 in the funding for nuclear decommissioning. If the
14 nuclear non-contaminated portion of the unit is retired
15 at the same time as the nuclear portion, there would be
16 no significant difference in total costs since such costs
17 have not been considered in current depreciation studies
18 and removal of such costs from the decommissioning study
19 would cause an offsetting deficiency in depreciation
20 reserves. If, however, at a future time, the nuclear non-
21 contaminated portion is determined to have a useful life
22 beyond the nuclear portion, it may be preferable to
23 recover the related removal costs as a component of
24 depreciation to more closely associate these costs with
25 each unit's period of generation.

1 Q. Should a decommissioning cost study be required from the
2 Company addressing the exclusion of nuclear non-
3 contaminated components and facilities which can be used
4 for generation of power subsequent to decommissioning of
5 the present nuclear components?
6

7 A. Currently, as discussed by Company witness, Mr. Denis,
8 it does not appear that there is any basis to conclude
9 that nuclear non-contaminated components will have any
10 significant value upon decommissioning. If it can later
11 be established that the nuclear non-contaminated
12 components and facilities have a useful life beyond the
13 nuclear facilities, a cost study should be required and
14 the removal cost of the nuclear non-contaminated portion
15 would be spread over the extended period the unit would
16 provide generation. Since this is not presently the case,
17 no change to the study filed in the Company's petition
18 should be made.
19

20 Q. If a decommissioning cost study is required addressing the
21 exclusion of nuclear non-contaminated components and
22 facilities, in what time frame should it be required?
23

24 A. If the Commission decides it is in the ratepayers' best
25 interest to separate the nuclear non-contaminated portion

1 from the decommissioning study, I recommend that the
2 proper time to incorporate this change would be in the
3 Company's next decommissioning study.

4

5 Q. Does this conclude your testimony?

6

7 A. Yes, it does.

SECTION 18 - Decommissioning and Disposal

Company in its sole discretion shall have the authority to determine at any time when the Estimated Useful Life or Economic Life of St. Lucie Unit No. 2 has ended and thereupon to retire St. Lucie Unit No. 2. Company shall exercise said discretion in good faith. Thereupon, Company may take such action, on behalf of all Owners, as may be necessary to terminate operation and to place St. Lucie Unit No. 2 in a safe shutdown condition, and further may, in its sole discretion, decommission and dispose of and thereafter maintain St. Lucie Unit No. 2. Company shall have sole responsibility for, and is fully authorized to act on behalf of Participant with respect to termination of operation, decommissioning, disposal and subsequent maintenance of St. Lucie Unit No. 2 (including all related waste products and materials). Each Owner shall be responsible for its Ownership Percentage of all costs incurred in connection therewith (in accordance with Section 6), and shall be entitled to its Ownership Percentage of the salvage value of St. Lucie Unit No. 2. The provisions of this Section 18 are subject to the limited option provided in Section 20.

SECTION 19 - Provision for Decommissioning Costs

Beginning with Firm Operation, Company intends to provide for decommissioning and disposal costs through including in its depreciation rates and charges a negative salvage value applicable to St. Lucie Unit No. 2. Participant shall provide through its depreciation rates or through charges to its members or from other cash sources a provision for

decommissioning and disposal costs based on Participant's Ownership Percentage no less at any time than that accumulated by Company in its depreciation rates or through other charges as reported to or ordered by the Federal Energy Regulatory Commission or its successor based on Company's Ownership Percentage. If Company, by its own decision or by order of any governmental authority, provides at any time a fund or other security for decommissioning and/or disposal of St. Lucie Unit No. 2, Participant shall contribute to such fund or other security in proportion to its Ownership Percentage or establish a separate fund or security in proportion to its Ownership Percentage of such decommissioning and/or disposal costs which fund or security shall be available for the payment of decommissioning and disposal costs with no less priority than the fund provided by Company.

DECOMMISSIONING
FUNDING ALTERNATIVES
QUALIFIED vs. NONQUALIFIED

Qualified Decommissioning Fund

Section 468A of the Internal Revenue Code (Code) provides for an annual election for contributions to a qualified fund. Listed below are the requirements imposed by the Code and Treasury Regulations which must be met to secure the tax deduction as well as the tax consequences of utilizing a qualified decommissioning fund:

Requirements:

1. In requesting and obtaining a schedule of ruling amounts:
 - (a) The Internal Revenue Service (IRS) will not provide a schedule of ruling amounts until a public utility commission (1) has determined the amount of decommissioning costs to be included in the taxpayers' cost of service, and (2) has disclosed the after tax return and any other assumptions used in establishing or approving such amounts for taxable years beginning on or after January 1, 1987.
 - (b) A request for an initial or revised schedule of ruling amounts must be filed with the IRS on or before the "deemed payment deadline date" of the first taxable year to which the schedule of ruling amounts will apply, i.e. March 15 of the succeeding taxable year for calendar year taxpayers.

**DECOMMISSIONING
FUNDING ALTERNATIVES
QUALIFIED vs. NONQUALIFIED (Cont'd)**

Requirements: (Cont'd)

2. The maximum amount which can be contributed to a qualified nuclear decommissioning fund cannot exceed the lesser of:
 - (a) The amount of nuclear decommissioning costs included in the cost of service for a taxable year (to the extent such costs are directly or indirectly charged to customers of the taxpayer by reason of electric energy consumed during such taxable year or are otherwise required to be included in the taxpayer's income); or
 - (b) The applicable ruling amount for that year. The taxpayer must secure a schedule of ruling amounts from the IRS that will generally be determined on the same basis as that used for regulatory purposes, except that the ruling amount may not exceed the amount necessary to fund that portion of nuclear decommissioning costs which bears the same ratio to the total nuclear decommissioning costs as the period for which the qualified fund is in effect bears to the estimated useful life of the nuclear unit.
3. The assets held by a qualified fund can be invested only in the following types of securities:
 - (a) Public debt securities of the United States.
 - (b) Tax-exempt obligations of a state or local government that are not in default as to principal or interest; or
 - (c) Time or demand deposits in a bank or insured credit union located in the United States.
4. A separate qualified decommissioning fund must be established for each nuclear unit. The fund must be maintained at all times in the United States pursuant to an arrangement that qualifies as a trust under state law and must be established for the exclusive purpose of providing funds for decommissioning.

DECOMMISSIONING
FUNDING ALTERNATIVES
QUALIFIED vs. NONQUALIFIED (Cont'd)

Tax Consequences

5. The tax effects of making an election under Code Section 468A are:
 - (a) Contributions to the fund are deductible as long as they are paid to the fund by the "deemed payment deadline date", i.e. March 15 of the succeeding tax year for calendar year taxpayers;
 - (b) All distributions from the fund are included in the taxable income of the electing taxpayer with the exception of direct payments of administrative costs and other incidental expenses of the fund;
 - (c) In substance the Code allows a deduction in the year of decommissioning only to the extent that decommissioning expenses exceed the amount distributed from the qualified fund for decommissioning expenses; and
 - (d) Contrary to the tax law in general, the taxpayer receives no deduction for decommissioning expenses paid with earnings of the qualified fund.

6. The tax effects on the qualified decommissioning fund are:
 - (a) Contributions are not taxable to the fund;
 - (b) Earnings of the fund are taxable at the highest corporate rate in effect for the tax year in which the earnings accrue; and
 - (c) Administrative expenses paid by the qualified decommissioning fund (other than an amount paid to the electing taxpayer) are deductible by the fund.

DECOMMISSIONING
FUNDING ALTERNATIVES
QUALIFIED vs. NONQUALIFIED (Cont'd)

Advantages of a Qualified Fund

The two primary benefits of a qualified decommissioning fund are the increased revenue requirement stability and increased security of the fund.

Stability

Increased stability is provided over the remaining life of the plant, including the period of decommissioning. This increased stability is a result of the levelized IRS method of funding whereby the effect of tax changes are levelized and no particular vintage of customer gets a windfall or detriment solely due to the timing of tax rate changes.

Security

Increased security of funds is provided, since contributions to a qualified decommissioning fund cannot be used for any purpose other than decommissioning and the fund is limited in the nature of investments permitted. This insures that the funds are used only for the reason they were intended and not used for any other purpose.

Disadvantages of a Qualified Fund

The primary disadvantage of a qualified fund is its inflexibility as evidenced by the inability to transfer over or underfunded amounts to other units, the limits on the maximum amount which can be funded and the restrictions on investment alternatives.

Transfers

The inability to transfer dollars between funds is the most serious problem since it removes the ability to make up a shortfall in one fund with an overage in another fund.

DECOMMISSIONING
FUNDING ALTERNATIVES
QUALIFIED vs. NONQUALIFIED (Cont'd)

Disadvantages of a Qualified Fund (Cont'd)

Contribution Limits

The limit on the amount which can be contributed to a qualified fund each year makes it impossible to realize the tax advantages of the qualified fund for all amounts collected. Any portion of the amounts collected attributable to nonqualified decommissioning costs cannot be contributed to a qualified fund. In addition, any amounts contributed to a qualified fund are limited to the amounts collected based on energy consumed during the taxable year in question.

Investment Alternative Limits

The limits on investment alternatives could be a disadvantage in times when other financial alternatives would be more attractive.