

LAW OFFICES
LOWENSTEIN, NEWMAN, REIS & AXELRAD

1025 CONNECTICUT AVENUE, N.W.

WASHINGTON, D.C. 20036

202 833-8371

ROBERT LOWENSTEIN
JACK R. NEWMAN
HAROLD F. REIS
MAURICE AXELRAD
KATHLEEN H. SHEA
J. A. BOUKNIGHT, JR.

HOPE M. BABCOCK
MICHAEL A. BAUSER
ROBERT H. CULP
FREDERIC S. GRAY
LINDA L. HODGE
JONATHAN R. SHEINER (ADM. N.Y.)
JOEL S. WIGHT (ADM. CALIF.)

January 25, 1978

Michael C. Farrar, Esquire, Chairman
Dr. W. Reed Johnson
Richard S. Salzman, Esquire
United States Nuclear Regulatory Commission
Washington, D.C. 20555

RE: St. Lucie Nuclear Power
Plant Unit No. 2;
Docket No. 50-389

Dear Members of the Board:

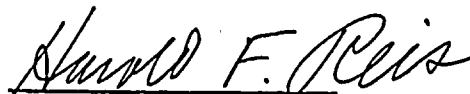
As part of the ongoing process of load forecasting, Florida Power & Light Company again revised its load growth and demand forecast in the Fall of 1977. That revision involves small downward changes that are set forth in an updated "Fifteen-Year Forecast, Summer Peak Load," attached as Attachment 1. Updated reserve margin figures are set forth in a chart entitled "Projected System Reserve Margins, 1977-1986," attached as Attachment 2. Corresponding data projections previously submitted to the Board based upon the Florida Power & Light updated forecast made in the Fall of 1976 may be found in Exhibit No. 5, Testimony of Richard P. Sergel (follows Tr. 4899), and Exhibit No. 6, Testimony of Ernest L. Bivans (follows Tr. 4896).

We do not consider this updated forecast to be material to the Initial Decision of April 19, 1977, or the affirmance of that decision by the Appeal Board. (See, 5 NRC 1038, 1050-1053; ALAB-435, p.2, n.5, October 5, 1977.) Nevertheless, because Need for Power was an issue that was decided by the Licensing Board and its decision with respect to that issue was the subject of one of the exceptions which was considered by the Appeal Board, we previously informed the Boards and

Michael C. Farrar, Esq.
Dr. W. Reed Johnson
Richard S. Salzman, Esq.
Page Two
January 25, 1978

the parties of a similar non-material change in schedule of the in-service dates for Martin Units 1 and 2. Consequently, we are also informing those Boards and the parties of these updated projections.

Sincerely,



HAROLD F. REIS
Co-Counsel for Applicant

HFR:jwp

Enclosures (2)

cc (w/2 encls.): Individuals
named on the attached service list.

ATTACHMENT 1

FLORIDA POWER & LIGHT COMPANY
FIFTEEN-YEAR FORECAST
..... SUMMER PEAK LOAD

<u>Year</u>	<u>LOW</u>		<u>INTERMEDIATE*</u>		<u>HIGH</u>	
	<u>Peak Load (MW)</u>	<u>Annual % Change</u>	<u>Peak Load (MW)</u>	<u>Annual % Change</u>	<u>Peak Load (MW)</u>	<u>Annual % Change</u>
1977	7,841	3.2	7,841	3.2	7,841	3.2
1978	8,120	3.6	8,220	4.8	8,320	6.1
1979	8,460	4.2	8,650	5.2	8,840	6.2
1980	8,850	4.6	9,125	5.5	9,400	6.3
1981	9,240	4.4	9,615	5.4	9,990	6.3
1982	9,630	4.2	10,125	5.3	10,620	6.3
1983	10,000	3.8	10,620	4.9	11,240	5.8
1984	10,350	3.5	11,065	4.2	11,780	4.8
1985	10,680	3.2	11,505	4.0	12,330	4.7
1986	10,990	2.9	11,950	3.9	12,910	4.7
1987	11,290	2.7	12,405	3.8	13,520	4.7
1988	11,580	2.6	12,870	3.7	14,160	4.7
1989	11,870	2.5	13,345	3.7	14,820	4.7
1990	12,170	2.5	13,845	3.7	15,520	4.7
1991	12,470	2.5	14,350	3.6	16,230	4.6
1992	12,780	2.5	14,870	3.6	16,960	4.5

* This represents only the average (arithmetic mean) of the summer peak load forecast band and will be used only where a singular forecast is required.

PROJECTED SYSTEM RESERVE MARGINS
1977-1985

Peak Year	Percent Installed Reserves With St. Lucie #2		Percent Installed Reserves Without St. Lucie #2	
	<u>Upper Load Forecast</u>	<u>Lower Load Forecast</u>	<u>Upper Load Forecast</u>	<u>Lower Load Forecast</u>
1977	23.0	23.0		
1978	31.0	34.3		
1979	23.3	28.9		
1980	24.2	32.0		
1981	24.7	34.8		
1982	17.3	29.3		
1983	17.9	32.6	10.8	24.5
1984	16.6	28.1	9.8	20.3
1985	11.4	24.1	4.9	16.6

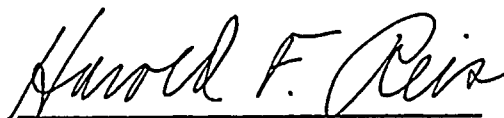
UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Appeal Board

In the Matter of)	
)	
FLORIDA POWER & LIGHT COMPANY)	Docket No. 50-389
)	
(St. Lucie Nuclear Power)	
Plant, Unit No. 2))	

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing letter dated January 25, 1978, together with copies of the enclosed Attachments 1 and 2, have been served this 25th day of January, 1978, on the persons shown on the attached service list by deposit in the United States mail, properly stamped and addressed.



HAROLD F. REIS
Lowenstein, Newman, Reis
& Axelrad
1025 Connecticut Avenue, N.W.
Washington, D.C. 20036
(202) 833-8371

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Appeal Board

In the Matter of)

FLORIDA POWER & LIGHT COMPANY)

(St. Lucie Nuclear Power Plant)
Unit 2))

Docket No. 50-389

SERVICE LIST

Mr. C. R. Stephens
Supervisor, Docketing and Service Section
Office of the Secretary of the Commission
Nuclear Regulatory Commission
Washington, D. C. 20555

Michael C. Farrar, Esquire
Chairman
Atomic Safety & Licensing Appeal Board
Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. W. Reed Johnson
Atomic Safety & Licensing Appeal Board
Nuclear Regulatory Commission
Washington, D. C. 20555

Richard S. Salzman, Esquire
Atomic Safety & Licensing Appeal Board
Nuclear Regulatory Commission
Washington, D. C. 20555

Alan S. Rosenthal, Esquire
Chairman, Atomic Safety & Licensing Appeal Panel
Nuclear Regulatory Commission
Washington, D. C. 20555

Edward Luton, Esquire
Chairman, Atomic Safety and Licensing Board
Atomic Safety and Licensing Board Panel
Nuclear Regulatory Commission
Washington, D. C. 20555

Michael Glaser, Esquire
Alternate Chairman
Atomic Safety and Licensing Board
1150 17th Street, N. W.
Washington, D. C. 20036

Dr. Marvin M. Mann
Technical Advisor
Atomic Safety & Licensing Board
Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. David L. Hetrick
Professor of Nuclear Engineering
University of Arizona
Tucson, Arizona 85721

Dr. Frank F. Hooper
Chairman, Resource Ecology Program
School of Natural Resources
University of Michigan
Ann Arbor, Michigan 48104

Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Nuclear Regulatory Commission
Washington, D. C. 20555

William D. Paton, Esquire
Counsel for NRC Regulatory Staff
Nuclear Regulatory Commission
Washington, D. C. 20555

Martin Harold Hodder, Esquire
1130 N. E. 86th Street
Miami, Florida 33138

Norman A. Coll, Esquire
Co-Counsel for Applicant
Steel, Hector & Davis
1400 Southeast First National Bank Building
Miami, Florida 33131

Local Public Document Room
Indian River Junior College Library
3209 Virginia Avenue
Ft. Pierce, Florida 33450

William J. Olmstead, Esquire
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555