

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  
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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:

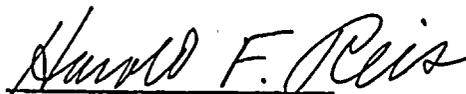
As part of the ongoing process of load forecasting, Florida Power & Light Company again revised its load growth and demand forecast in the Fall of 1977. That revision involves small downward changes that are set forth in an updated "Fifteen-Year Forecast, Summer Peak Load," attached as Attachment 1. 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  
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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 .....

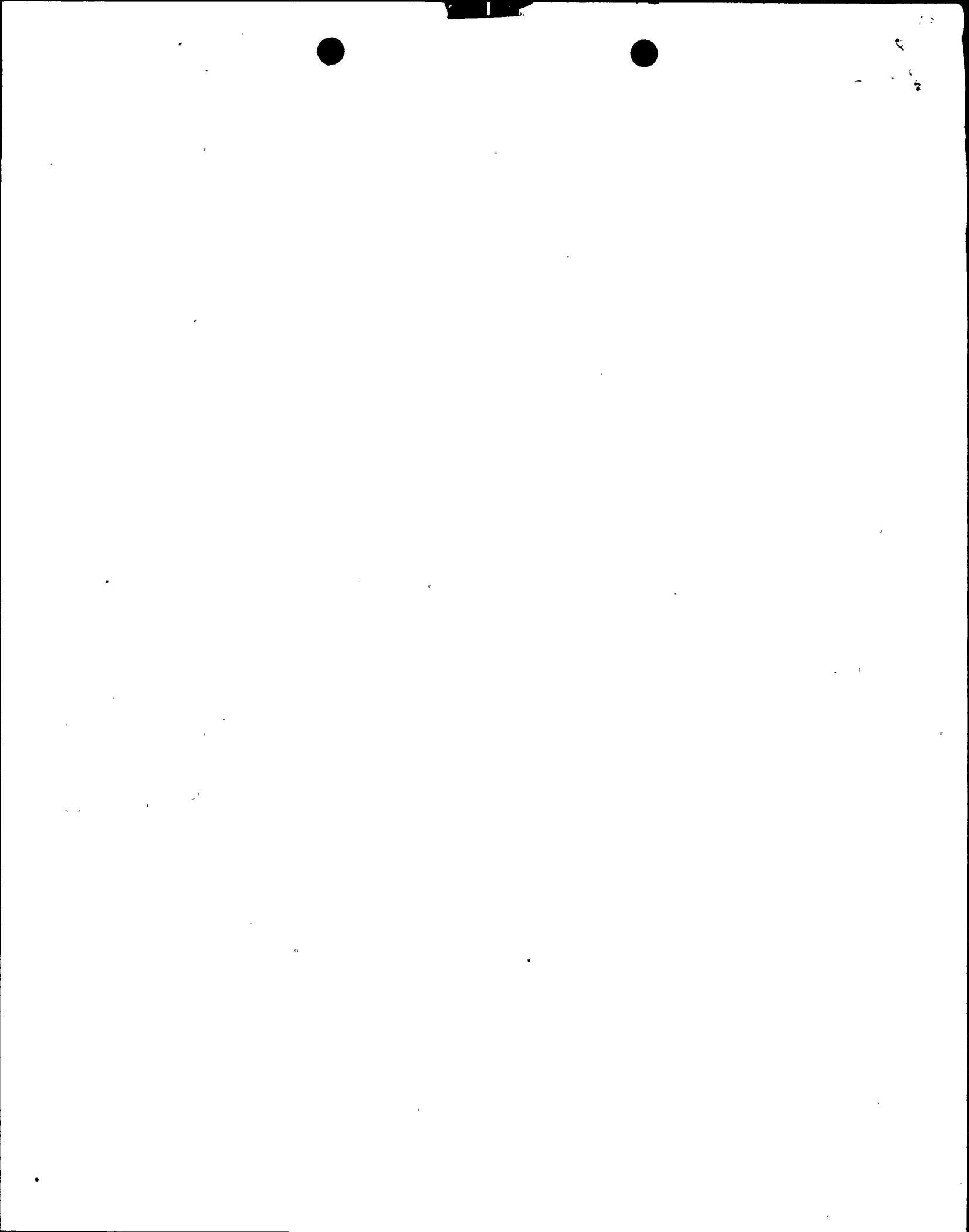
Year	LOW		INTERMEDIATE*		HIGH	
	Peak Load (MW)	Annual % Change	Peak Load (MW)	Annual % Change	Peak Load (MW)	Annual % Change
1977	7,841	3.2	7,841	3.2	7,841	3.2
1978	8,120	3.6	8,220	4.8	8,320	6.1
1979	8,460	4.2	8,650	5.2	8,840	6.2
1980	8,850	4.6	9,125	5.5	9,400	6.3
1981	9,240	4.4	9,615	5.4	9,990	6.3
1982	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

ATTACHMENT 2



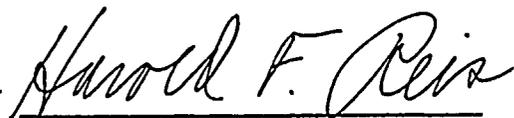
UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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

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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