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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:

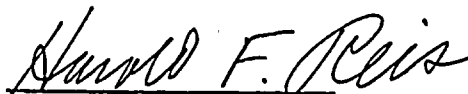
As part of the ongoing process of load forecasting, Florida Power & Light Company again revised its load growth and demand forecast in the Fall of 1977. That revision involves small downward changes that are set forth in an updated "Fifteen-Year Forecast, Summer Peak Load," attached as Attachment 1.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

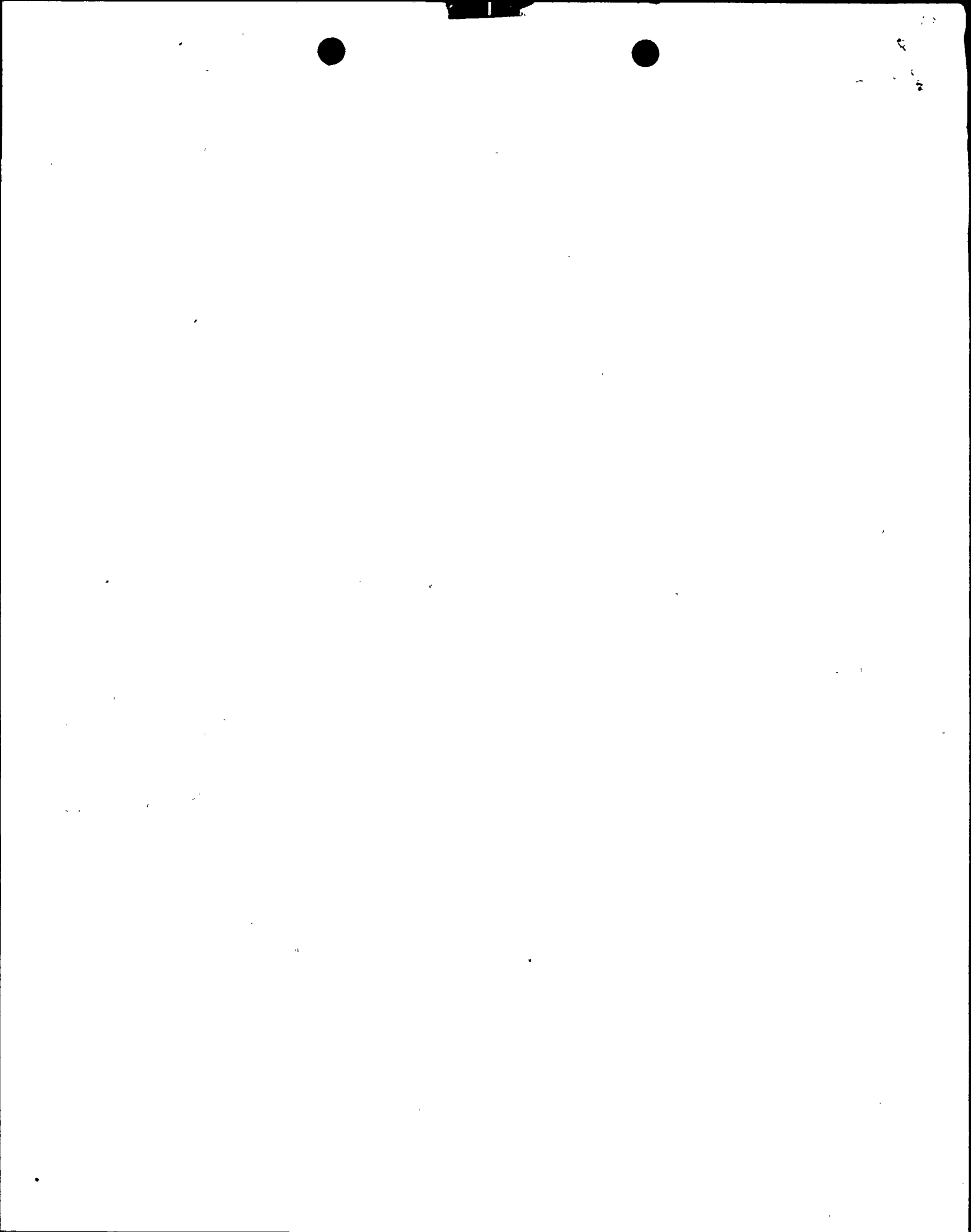
| Year | LOW | | INTERMEDIATE* | | HIGH | |
|------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| | Peak Load (MW) | Annual % Change | Peak Load (MW) | Annual % Change | Peak Load (MW) | Annual % Change |
| 1977 | 7,841 | 3.2 | 7,841 | 3.2 | 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.



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In the Matter of)
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FLORIDA POWER & LIGHT COMPANY)
)
(St. Lucie Nuclear Power Plant)
Unit 2))

Docket No. 50-389

SERVICE LIST

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