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 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.
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 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

DOCKET #
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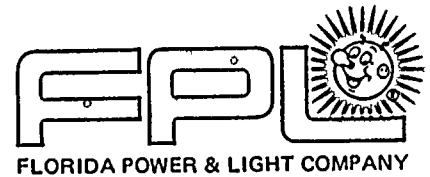
SUBJECT: Application to amend License NPF-16, allowing use of alternate means of detecting PORV position indication.

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June 15, 1983
L-83-362

Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Unit No. 2
Docket No. 50-389
Proposed License Amendment
PORV Indication

In accordance with 10 CFR 50.90, Florida Power & Light Company submits herewith three signed originals and forty copies of a request to amend Appendix A of Facility Operating License NPF-16.

This amendment is submitted to allow use of an alternate means of detection of PORV position indication. The current footnote which allows monitoring of the quench tank pressure, level and temperature, and discharge piping temperature for the safety valves would be extended to the PORV when the designated redundant position indicators were not available.

Due to problems with the current direct magnetic/reed switch position indication, the unit has entered the action statement of Technical Specification 3.3.3.6a and approval of this amendment request is necessary to continue power operation past June 18, 1983.

The proposed amendment is described below and shown on the accompanying Technical Specification pages.

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The third footnote on the page is modified to apply to the safety valves and the PORVs.

In accordance with 10 CFR 50.91(b)(I), a copy of this proposed license amendment is being forwarded to the State Designee for the State of Florida.

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Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Page 2

This amendment allows a previously approved exception to be applied to a similar indication requirement. Therefore, in accordance with 10 CFR 50.91(a)(1), we have determined that this amendment does not involve any significant hazards considerations pursuant to 10 CFR 50.91(c) in that the amendment is administrative in nature and therefore does not:

- 1) involve a significant increase in the probability or consequences of an accident previously evaluated; or
- 2) create the possibility of a new or different kind of accident from any accident previously evaluated; or
- 3) involve a significant reduction in a margin or safety.

The proposed amendment has been reviewed by the St. Lucie Facility Review Group and the Florida Power & Light Company Nuclear Review Board.

Very truly yours,

Michael C. Cook, V.P., for

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/PLP/js

cc: J. P. O'Reilly, Region II
Harold F. Reis, Esquire

Ulray Clark, Administrator
Radiological Health Services
Department of Health & Rehabilitative Services
1323 Winewood Boulevard
Tallahassee, Florida 32301

TABLE 3.3-10

ACCIDENT MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>REQUIRED NUMBER OF CHANNELS</u>	<u>MINIMUM CHANNELS OPERABLE</u>
1. Containment Pressure	2	1
2. Reactor Coolant Outlet Temperature - T_{Hot} (Narrow Range)	2	1
3. Reactor Coolant Inlet Temperature - T_{Cold} (Wide Range)	2	1
4. Reactor Coolant Pressure - Wide Range	2	1
5. Pressurizer Water Level	2	1
6. Steam Generator Pressure	2/steam generator	1/steam generator
7. Steam Generator Water Level - Narrow Range	1/steam generator	1/steam generator
8. Steam Generator Water Level - Wide Range	1/steam generator*	1/steam generator*
9. Refueling Water Storage Tank Water Level	2	1
10. Auxiliary Feedwater Flow Rate (Each pump)	1/pump*	1/pump*
11. Reactor Cooling System Subcooling Margin Monitor	2	1
12. PORV Position/Flow Indicator	2/valve***	1/valve***
13. PORV Block Valve Position Indicator	1/valve**	1/valve**
14. Safety Valve Position/Flow Indicator	1/valve***	1/valve***
15. Containment Sump Water Level (Narrow Range)	1****	1****
16. Containment Water Level (Wide Range)	2	1
17. Incore Thermocouples	4/core quadrant	2/core quadrant

*These corresponding instruments may be substituted for each other.

**Not required if the PORV block valve is shut and power is removed from the operator.

***If not available, monitor the quench tank pressure, level and temperature, and each safety valve/PORV discharge piping temperature at least once every 12 hours.

****The non-safety grade containment sump water level instrument may be substituted.

SAFETY EVALUATION

ST. LUCIE UNIT 2
DOCKET NO. 50-389
PROPOSED LICENSE AMENDMENT
PORV INDICATION

The purpose of this amendment is to allow the use of alternate means to provide the redundant requirement to determine the position of the PORVs when the installed position indications are not available. This alternate means has been approved for use with the safety valves in the same section of the Technical Specifications. This alternate means meets the BASES of the current technical specification, namely to ensure that sufficient information is available on selected plant parameters to monitor and assess these variables following an accident.



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STATE OF FLORIDA
COUNTY OF DADE

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) SS.

Michael C. Cook, being first duly sworn, deposes and says:

That he is Vice President of Florida Power & Light Company, the Licensee herein;

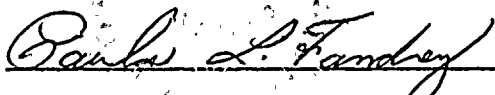
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.



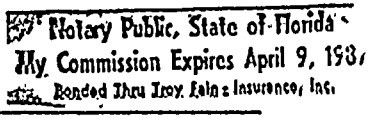
Michael C. Cook

Subscribed and sworn to before me this

15th day of June, 19 83.



NOTARY PUBLIC, in and for the County of Dade, State of Florida.

 Notary Public, State of Florida
My Commission Expires April 9, 1984
Bonded thru Troy Fahn Insurance, Inc.

My commission expires:

