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DOCKET NUMBER

50-335

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TO: D K Davis

FROM: Florida Power & Light Co
Miami, Fla
R E Uhrig

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DESCRIPTION

RE our 7-18-77 ltr

Info concerning throttle valves used to obtain
required flow distribution in safety injection
system.....

ENCLOSURE

PLANT NAME: St Lucie #1

9-23-77 ehf

SAFETY

FOR ACTION/INFORMATION

BRANCH CHIEF: (7)

DAVIS

INTERNAL DISTRIBUTION

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16 CYS ACRS SENT CATEGORY B

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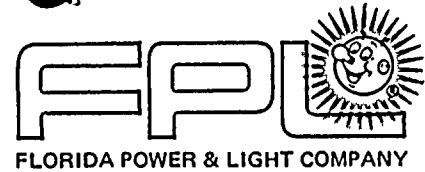
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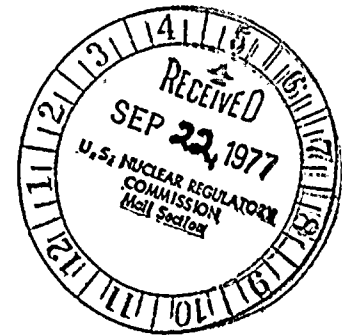
REGULATORY DOCKET FILE COPY

BOX 013100, MIAMI, FL 33101



September 20, 1977
L-77-294

Office of Nuclear Reactor Regulation
Attention: Mr. Don K. Davis, Acting Chief
Operating Reactors Branch No. 2
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Davis:

Re: St. Lucie Unit 1
Docket No. 50-335

Your letter of July 18, 1977 requested that we determine whether or not throttle valves are used to obtain the required flow distribution in the Safety Injection (SI) system at St. Lucie 1. We have surveyed the valves in the SI system and find that the valves in the LPSI system are not throttled, but that certain valves in the HPSI system are throttled to obtain the required flow distribution.

We have reviewed our surveillance requirements and NPSH requirements for the HPSI system. We have concluded that proposing Technical Specifications at this time would be inappropriate for the following reasons:

1. Monthly testing of the HPSI throttle valve operability is currently required by Technical Specification 4.5.2. Plant procedures require operating the valve through its cycle to observe its stroke and to verify that it opens to its correct position. This surveillance specification will be replaced by the testing requirements of the Pump & Valve Program (ASME, Section XI) when approved by the Staff.
2. Following maintenance on any valve, testing is required by plant procedures pursuant to the requirements of 10 CFR 50.55a (ASME Section XI), 10 CFR 50, Appendix B, and Regulatory Guide 1.33. Signs have been permanently posted on these valves to indicate that the stroke must be verified and reset following maintenance.

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Office of Nuclear Reactor Regulation
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3. Following modifications to valves or portions of the HPST system, testing is required by Plant Change/Modification and other plant procedures pursuant to the requirements of 10 CFR 50.55a (ASME Section XI) and 10 CFR 50, Appendix B.

Very truly yours,

JA de Mastry
for Robert E. Uhrig
Vice President

REU/WAK/cpc

cc: Mr. James P. O'Reilly, Region II
Robert Lowenstein, Esquire

1977 SEP 22 AM 10 56

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