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 AUTH. NAME: UHRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Forwards response to 810609 request for addl info re: FSAR.
 Response will be incorporated in future FSAR amend.

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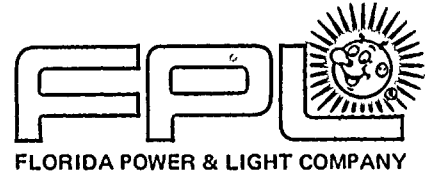
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August 17, 1981
L-81-359

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 2
Docket No. 50-389
Request For Additional Information,
Final Safety Analysis Report

Attached is Florida Power & Light Company's response to the June 9, 1981 Chemical Engineering Branch/Corrosion Engineering Section request for additional information (Questions 282.2 - 282.4). This response will be incorporated into the St. Lucie Plant Unit 2 Final Safety Analysis Report in a future amendment.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/TCG/ah

Attachments

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

Boo!
8/11

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PDR ADDCK 05000389
A PDR



SL-2-FSAR

Question No.
282.2
(10.3.5)

Verify that the steam generator secondary water chemistry control program incorporates technical recommendations of the NSSS. Any significant deviations from NSSS recommendations should be noted and justified technically.

Response

Chemistry Operating procedures C-50, "Maintaining Steam Generator Chemistry," and C-81C, "High Activity in the Steam Generators" each uses the CE Chemistry Manual as reference and thus incorporates essentially all of the NSSS vendors technical recommendations.

Question No.
282.3
(10.3.5)

In addition to the secondary water chemistry monitoring and control program, we require monitoring of the steam condensate at the effluent of the condensate pump. The monitoring of the condensate is for the purpose of detecting condenser leakage.

Response

Steam condensate at the effluent of the condensate pump will be monitored continuously for cation conductivity and sodium ion by installed instrumentation. This monitoring would alert personnel of any detected condenser leakage. The Chemistry procedures which address these concerns are: C-51 and C-83.

Question No.
282.4
(10.3.5)

If demineralizers are used, explain how you prevent resin breakthrough into the steam generator.

Response

The plant as presently designed does not have condensate polishing demineralizers. The water treatment plant and steam generator blowdown treatment system have downstream resin strainers or filters, therefore the chance of getting resin beads or fines into the steam generators is extremely remote.

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