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 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

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SUBJECT: Forwards "Equipment Qualification Radiation Dose Map Development," in response to 830406 request. Rept presents assumptions & methodology used in creating dose maps & two illustrative dose points.

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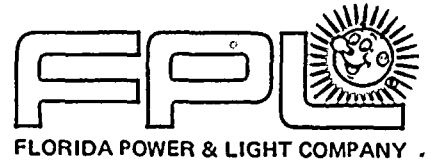
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May 20, 1983
L-83-315

Office of Nuclear Reactor Regulations
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. 1
Docket No. 50-335

The St. Lucie Unit No. 1 report "Equipment Qualification Radiation Dose Map Development" is attached for your review. This report has been prepared and forwarded based on a request during a meeting with your staff on April 6, 1983.

Assumptions and methodology used in creating the dose maps as well as two illustrative dose points (one in containment and one in the Auxiliary Building), are presented in this report. An attempt was made to adhere as closely as possible to the previously accepted Appendix D of Volume 1 of St. Lucie Unit No. 2 "Environmental Qualification Report and Guidebook." Significant differences between the Unit No. 1 and Unit No. 2 assumptions or calculation methods are briefly discussed within this report.

If you have additional questions, please contact us directly.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems and Technology

REU/RJS/GJK/cab

Attachment

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

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