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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: Submits info re seismology per 810505 meeting agreement.

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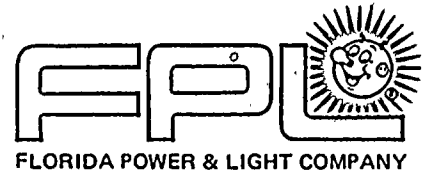
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June 8, 1981
L-81-240

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
Seismology

At a meeting with Mr. Robert L. Rothman of the Geosciences Branch, Division of Engineering on May 5, 1981, Florida Power & Light Company (FPL) agreed to provide the following information with respect to seismology:

- (1) A discussion of plate tectonics relative to the Caribbean earthquakes.
- (2) A discussion of the differences in seismicity between the Gulf Coastal Plain and the Atlantic Coastal Plain.
- (3) Addition of new references to the Charleston, South Carolina area work.
- (4) An update of Table 2.5-2, Historic Earthquakes Felt in Florida, to include the December 4, 1975 Daytona Beach, Florida earthquake, and any recent earthquakes.
- (5) Reference 51, Section 2.5, will be corrected.
- (6) A correlation between "trend of the mean" and intensity acceleration using the Trifunac and Brady method will be provided.



The St. Lucie Plant Unit 2 Final Safety Analysis Report will be revised accordingly.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology
REU/TCG/ah

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

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