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50-251/335

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DOC DATE: 02/21/78
DATE RCVD: 02/28/78

DOCTYPE: LETTER NOTARIZED: YES
SUBJECT: RESPONSE TO NRC REQUEST FOR INFO. CONCERNING CAVITY ANNULUS SEAL
RING. . NOTORIZED 02/21/78. .

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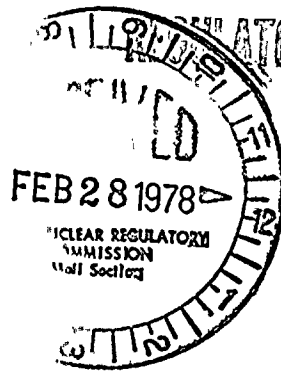
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REGULATORY DOCUMENT FILE COPY



FLORIDA POWER & LIGHT COMPANY

February 21, 1978
L-78-63

Office of Nuclear Reactor Regulation
Attention: Mr. Victor Stello, Director
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Stello:

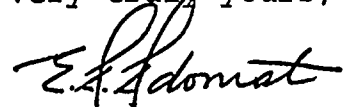
Re: Turkey Point and St. Lucie Plants
Docket Nos. 50-250, 50-251, and 50-335
Cavity Annulus Seal Ring

The following information is provided in response to your letter of February 2, 1978:

The reactor cavity annulus seal ring is not left in place during normal operation and there is no biological shielding installed in the reactor cavity annulus at St. Lucie Unit 1 or Turkey Point Units 3 and 4.

Neutron shielding is scheduled to be installed in the reactor vessel cavity at St. Lucie Unit 1 during the Spring 1978 refueling outage. The potential for missiles following a postulated pipe break within the cavity was considered in the shielding design and is discussed in our Neutron Shielding Report dated November 29, 1976 (L-76-406). The report shows that the energy of potential missiles is insufficient to cause damage to control element drive mechanisms and justifies operation with the proposed shielding installed.

Very truly yours,

for 
Robert E. Uhrig
Vice President

REU/MAS/bab

cc: Mr. James P. O'Reilly, Region II
Harold F. Reis, Esquire
Mr. Peter Erickson

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STATE OF FLORIDA)
)
COUNTY OF DADE) ss.

E. A. Adomat , being first duly sworn, deposes and says:

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

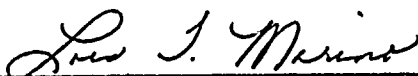
That he has executed the foregoing document; that the statements made in this said document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.



E. A. Adomat

Subscribed and sworn to before me this

21st day of February, 1958



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

My commission expires: _____

NOTARY PUBLIC STATE OF FLORIDA at LARGE
MY COMMISSION EXPIRES AUGUST 24, 1961
BONDED THRU MAYNARD BONDING AGENCY

