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April 18, 1983

E-83-240

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:

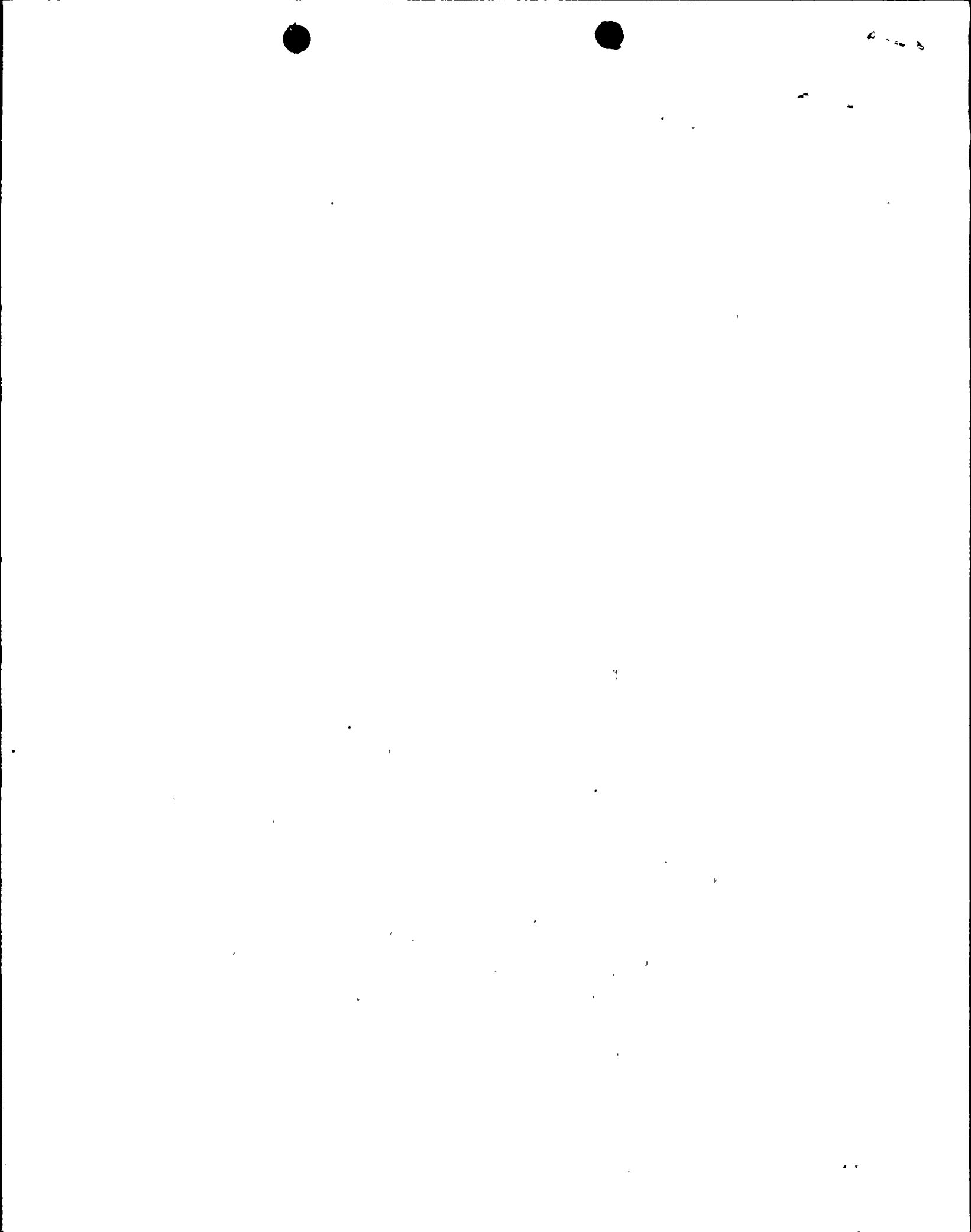
Re: St. Lucie Unit No. 2  
Docket No. 50-389  
Post-TMI Requirements  
Automatic Trip of Reactor Coolant Pumps  
Generic Letter No. 83-10b

Reference: NRC Generic Letter No. 83-10b, Subject: Resolution of TMI  
 Action Plan Item II.K.3.5, "Automatic Trip of Reactor Coolant  
 Pumps", dated February 8, 1983

Florida Power & Light Company is a member of the C-E Owners Group. In accordance with guidance provided in the referenced NRC letter, the C-E Owners Group has selected an operational strategy which will close out TMI Action Plan Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps" for participating utilities. Following a current review of several possible strategies, the strategy chosen is to trip two pumps initially followed by the trip of the remaining two pumps at the time a LOCA has been diagnosed. The "trip two, leave two" strategy has been discussed in the past as a preferred approach. Based on the currently available information, it remains the preference of C-E, the C-E Owners Group, and Florida Power & Light Company. A program is being developed whose goal will be to provide information which both meets the NRC guidelines stated in the reference letter and provides the operational requirements for participating utilities to use in developing emergency operating procedures and conducting training. The expectation is that the selected operational strategy for the RCPs will make use of manual operator actions. The operational strategy currently in use on St. Lucie Unit 1 is to trip all RCPs during the initial phase of a depressurization transient followed by pump restart when it is confirmed that the event is not a LOCA. This strategy will remain in effect until replaced by the new approach which will be implemented when supported by appropriate documentation and operator training.

Florida Power & Light Company is actively participating in the development of the C-E Owners Group Program. We believe the resolution of the RCP operational strategy issue to be of considerable importance in enhancing plant operational safety. The C-E Owners Group expects to have its program for addressing this issue finalized in May 1983. Based on this expectation, results should be available in the

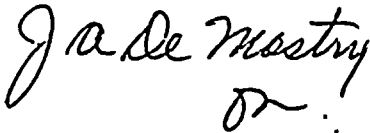
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Office of Nuclear Reactor Regulation  
Mr. Darrell G. Eisenhut, Director

first quarter of next year. We intend to provide a description of the C-E Owners Group program and a schedule for completion of plant-specific activities by July 1, 1983. Plant-specific activities include factoring the results of the C-E Owners Group program into the St. Lucie Unit 1 operator training and emergency operating procedures.

Very truly yours,



Robert E. Uhrig  
Vice President  
Advanced System & Technology

REU/PKG/cab

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

STATE OF FLORIDA )  
 )  
COUNTY OF PALM BEACH ) SS.

J. A. DeMastry, being first duly sworn, deposes and says:

That he is Manager, Nuclear Licensing of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this 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.

J. A. DeMastry  
J. A. DeMastry

Subscribed and sworn to before me this

18 day of April, 1983.

Cheryl J. Fredrick

NOTARY PUBLIC, in and for the County  
of Palm Beach, State of Florida.

My commission expires: Notary Public, State of Florida at Large  
My Commission Expires October 30, 1983  
Bonded thru Maynard Bonding Agency