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

SUBJECT: Responds to Generic Ltr 83-10a re TMI Item II.K.3.5, "Automatic Trip of Reactor Coolant Pumps." CE Owners Group strategy employed to close out item called "Trip 2, Leave 2." Results available by First Quarter 1984.

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P. O. BOX 14000, JUNO BEACH, FL 33408

FLORIDA POWER & LIGHT COMPANY

March 30, 1983
L-83-195

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
RESPONSE TO GENERIC LETTER 83-10a
TMI ACTION PLAN ITEM II.K.3.5
AUTOMATIC TRIP OF REACTOR COOLANT PUMPS

Florida Power & Light Co. (FP&L) 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 FP&L. 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 No. 2 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.

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FP&L is actively participating in the development of the C-E Owners Group Program. FP&L believes 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 first quarter of next year. FP&L will 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 St. Lucie Unit No. 2 operator training and emergency operating procedures.

Should you have any questions please do not hesitate to contact us.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems and Technology

REU/RJS/PPC/rms

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