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 FACIL: 50-335 ST. LUCIE PLANT, UNIT 1, FLORIDA POWER & LIGHT CO.  
 AUTH. NAME: UHRIG, R. E. AUTHOR AFFILIATION: FLORIDA POWER & LIGHT CO.  
 RECIP. NAME: REID, R. W. RECIPIENT AFFILIATION: OPERATING REACTORS BRANCH 4

DOCKET # 05000335

SUBJECT: RESISTANCE TEMP DETECTORS (RTD) & THERMOWELLS HAVE NOT BEEN RECEIVED, SO VERIFICATION PROGRAM HAS BEEN DELAYED UNTIL JUNE 1979. TEST REPT SUBMITTAL EXPECTED IN SEPT.

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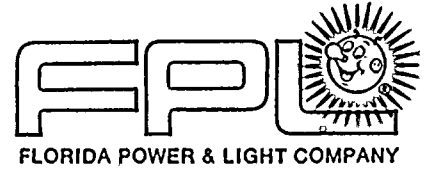
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March 26, 1979  
L-79-73

Office of Nuclear Reactor Regulation  
Attention: Mr. R. W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Reid:

Re: St. Lucie Unit 1  
Docket No. 50-335  
Resistance Temperature Detectors

The purpose of this letter is to update the status of (1) our verification program for measuring Resistance Temperature Detector (RTD) response time using the Loop Current Step Response (LCSR) technique, and (2) additional LCSR surveillance testing of safety-related RTD's.

Florida Power & Light Company (FPL) letter L-78-346 of October 30, 1978, stated that receipt of new RTD's and thermowells (for use in the verification program) was expected in March of 1979. At present, we have not received the material. The RTD's are in transit, but the thermowells are not scheduled for shipment until April 13, 1979. In addition, the Cycle 3 refueling outage is scheduled for April and May. As a result of the procurement situation and the upcoming refueling outage, we have rescheduled the verification program to begin in June, 1979. Testing, including preparation of a test report, is expected to take about three months, therefore, the test report should be submitted by September, 1979.

The most recent surveillance testing of the 16 safety-related RTD's was performed in October, 1978. The results were reported in FPL letter L-79-2 of January 3, 1979. The testing will be repeated this month before Unit 1 is shutdown for refueling. Allowing one month for evaluation of the surveillance test results, a summary report should be submitted by April 30, 1979.

Very truly yours,

*RE*

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/MAS/cph

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

*Acc'd  
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