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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 AUTH. NAME AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 REID, R.W. Operating Reactors Branch 4

SUBJECT: Forwards "Time Response Testing of Resistance Temp Detectors." Confirms acceptability of use of onsite loop current step response technique for measuring resistance temp detectors response time.

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December 4, 1979
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Office of Nuclear Reactor Regulation
Attention: Mr. R. W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors
U. S. Nuclear Regulatory Commission

Dear Mr. Reid:

Re: St. Lucie Unit 1
Docket No. 50-335
RTD Test Report

The attached report gives the results of time response testing of Resistance Temperature Detectors (RTDs) from St. Lucie Unit 1. The testing was performed to verify the Loop Current Step Response (LCSR) technique of measuring RTD response time.

Based on the test results, which confirm the acceptability of on-site LCSR response time testing, Florida Power & Light Company plans to use the LCSR technique to demonstrate compliance with applicable Technical Specification surveillance requirements.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/MAS/re1

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

Adol
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