

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light Co. 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light Co. 05000251
 AUTH. NAME: AUTHOR AFFILIATION:
 WILLIAMS, J. W. Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION:
 VARGA, S. A. Operating Reactors Branch 1.

SUBJECT: Advises that during startup testing of two redundant safety grade channels per Reg. Guide 1.97, instruments experienced background electrical interference. Problems resolved by making instrument cable shielding mods & tuning electronics.

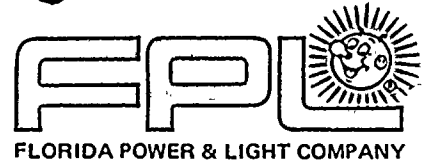
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NOTES: 05000250
 OL: 07/19/72
 OL: 04/14/73 05000251

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JUN 27 1985

L-85-249

Office of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250 and 50-251
Post Accident Monitoring Excore Neutron Detection
R.G. 1.97 Revision 3 Report
NRC TAC NOS. 51263 and 51264

FPL letter L-83-237, dated April 15, 1983, committed to provide an evaluation of existing accident monitor instrumentation and control systems against the requirement of Regulation Guide 1.97, Revision 2. Subsequently Rev. 3 of Regulatory Guide 1.97 was issued. FPL letter L-84-20, dated January 26, 1984 submitted the evaluation report, including an implementation schedule. On February 24, 1984, the NRC issued an order confirming the FPL schedule for implementation of modifications identified in that report. Subsequently, FPL letter L-85-176, dated May 10, 1985, submitted revision 1 to the original report and updated the implementation schedule.

The revision 1 evaluation report stated, in part, that two redundant safety grade channels for full range neutron flux indication will be installed with indication in the control room prior to startup for Turkey Point Unit 3 Cycle 10 (scheduled for June 1985).

The Unit 3 installation is completed and the system is operational. This includes startup testing, plant procedures, and operator training.

During the startup testing, the instruments experienced background electrical interference problems. FPL resolved the problems with the assistance of the equipment vendor by making instrument cable shielding modifications and by tuning the electronics. FPL is evaluating vendor recommendations for enhancing the system sensitivity.

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Mr. Steven A. Varga, Chief
Office of Nuclear Reactor Regulation
Page 2

If you have any questions regarding this problem, please call us.

Very truly yours,

J. W. Williams, Jr.
for J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/SAV/bc

cc: Dr. J. Nelson Grace, Region II
Mr. Harold F. Reis, Esquire

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