

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8303040619 DOC DATE: 83/02/28 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 UHRIG, R. E. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S. A. Operating Reactors Branch 1

SUBJECT: Submits info re post-TMI requirements Items II.B.3,
 "Post-Accident Sampling Sys," II.F.1.1, "Noble Gas
 Monitors," II.F.1.2, "Iodine Particulate Sampling" &
 II.F.1.6, "Containment Hydrogen Monitors."

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1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

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FLORIDA POWER & LIGHT COMPANY

February 28, 1983
L-83-100

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 & 50-251
Post-TMI Requirements

The following information is being sent to you as a result of conversations with your staff held on February 22, 23, and 24, 1983.

1. Post-Accident Sampling System (II.B.3)

a. In-Line Post-Accident Sampling System (PASS)

The in-line PASS which was described in our letter to you dated November 15, 1982 is scheduled to be operable by August 1, 1983. This date is based upon the following milestones being met:

- Delivery of the on-line chloride analyzer on March 4, 1983.
- Delivery of the on-line boronmeter on March 14, 1983 (this was previously received and returned to vendor for repair).
- Training of plant chemistry personnel on PASS system (Milton Roy Analyzer, Nuclear Data Computer, etc.) by qualified vendor representatives by May 1, 1983.
- Successful completion of preoperational testing of all components before August 1, 1983.

b. Analysis of Backup Grab Samples

As stated in our letter of November 15, 1982, we are evaluating what methods will be used to analyze the backup grab samples that the system is designed to take. The samples will either be shipped off site to an outside laboratory or they will be analyzed on site. This decision will be made and implemented by March 1, 1984.

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c. Relationship Between Radionuclide Concentrations and Core Damage

Florida Power & Light is currently participating in the Westinghouse Owners' Group which is evaluating the various aspects of this NRC criterion. It is our intent to evaluate the Owners' Group recommendations and implement them as appropriate. It is conservatively estimated that this effort should be completed by March 1, 1984.

2. Noble Gas Monitors /Iodine Particulate Sampling (II.F.1.1, II.F.1.2)

As we stated in our letter of February 10, 1983, the modifications to the air ejector effluent monitor that address the operability problems due to moisture accumulation will be implemented on February 28, 1983 for Unit 3. It is expected that 15 days of preoperational testing following the modification will be required to determine the success of the modification. The preoperational test requires that Unit 3 be on-line continuously for the 15-day period. If the unit should be shutdown for any reason, the test will be delayed. If this test is successful, the Unit 3 air ejector monitor will be considered operable on March 21, 1983. Based on the successful preoperational testing of Unit 3 by March 21, 1983, it is our intent to have the Unit 4 modification implemented by September 15, 1983.

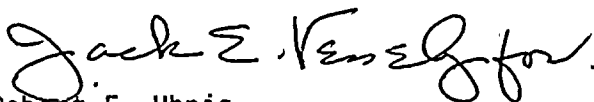
3. Containment Hydrogen Monitors (II.F.1.6)

In our letter of January 28, 1983 we informed you that the heat tracing required for the containment hydrogen monitor sample lines was undergoing preoperational testing. It is expected that the preoperational testing for both trains of Unit 4 will be completed by March 31, 1983. In addition, the same schedule is applicable for train B of Unit 3. These three sample lines were successfully brought up to a temperature of 175°F per vendor requirements. They must yet be heated up to 300°F for the system to be considered fully operable. The operability date of March 31, 1983 is based on the successful completion of the test.

Train A of Turkey Point Unit 3 has undergone some preoperational testing problems. The sample line temperature has not been raised above 140°F for reasons that are not yet apparent. This sample line is a one-inch pipe compared to the other three trains which are 3/8 inch tubing. The heat loss may be too great for the heat tracing and a redesign may be necessary. The vendor has been contacted and will evaluate the

problem. It is expected that any redesign that may be necessary for this train will be implemented by March 1, 1984.

Very truly yours,



Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/PKG/js

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

