



August 25, 1978
L-78-278

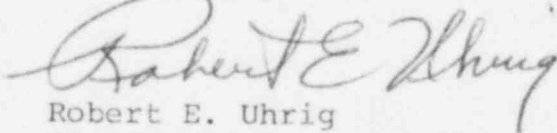
Office of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Schwencer:

Re: Turkey Point Unit 4
Docket No. 50-251
Metal Impact Monitoring System

The Order for Modification of License for Turkey Point Unit No. 4, dated August 2, 1977, amended paragraph 3.D of License DPR-41. Pursuant to the requirements of this Order, Florida Power & Light Company is forwarding the attached evaluation "Report of Abnormal Indications from Metal Impact Monitoring System, Turkey Point Unit No. 4." The indications occurred on August 13, 1978 during the unit cooldown for refueling.

Very truly yours,



Robert E. Uhrig
Vice President

REU/RJA/mal

Attachment

cc: Mr. James P. O'Reilly, Region II
Robert Lowenstein, Esquire

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REPORT OF ABNORMAL INDICATIONS
FROM METAL IMPACT MONITORING SYSTEM (MIMS)

TURKEY POINT UNIT 4

August 13, 1978

On August 13, 1978, while Turkey Point Unit 4 was cooling down for a scheduled refueling outage, the MIMS alarmed 6 times during a one hour period. The 6 events were all separate, single, low energy indications. No other alarms were experienced during the remainder of the cooldown.

Our review of the MIMS data concluded that the most probable cause of the alarms was normal acoustic emissions produced by the reactor vessel during periods of changing pressure and temperature.

Upon shutdown, tubesheet photographs of all 3 steam generators verified that no tube plugs had become loose. This information supported the conclusion that the indications were not caused by loose parts. However, if the assumption is made that the alarms were caused by a loose part(s), the separate, low energy impacts indicate a single object. This is consistent with prior MIMS indications on this unit. This information, along with the continuing commitment of performing core barrel motion measurements after unit heat up, and for continued loose parts monitoring, ensures continued safe operation of Turkey Point Unit 4.