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SUBJECT: Forwards "Rept on Instrumentation Port Column Assembly Leakage, Turkey Point Unit 4." Rept prepared in response to 870313 discovery of boric acid crystals on reactor vessel head due to leak in lower seal (conoseal) of assembly.

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APRIL 27 1987
L-87-186

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Re: Turkey Point Unit 4
Docket No. 50-251
Report on Instrumentation
Port Column Assembly Leakage


On March 13, 1987, during an inspection of the Turkey Point Unit 4 Reactor Pressure Vessel head area, Florida Power & Light found that a significant amount of boric acid crystals had been deposited on the reactor vessel head due to a leak in the lower seal (conoseal) of an instrumentation port column assembly. The purpose of the enclosed report is to identify the potential leakage mechanisms and components which have been affected by the leakage, to describe the actions FPL has taken regarding these components, and to describe the actions FPL has taken, or is planning to take, to prevent recurrence of this type of event. Supporting documentation is available at the site for your inspection.

Upon completion of the actions associated with preparation for startup which are discussed in the report, it is FPL's conclusion that the issues associated with this event will have been resolved, and would not prevent return to normal operation.

The commitments in this report which are not associated with the startup of the unit will be controlled by the corporate licensing commitment tracking system to ensure prompt and complete action.

If you should have any questions about the information in the attached report please contact us. A copy of this report is being sent directly to Mr. Alan R. Herdt, the NRC Augmented Inspection Team leader.

Very truly yours,


C. O. Woody
Group Vice President
Nuclear Energy

COW/njk

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point

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