



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 17, 1996

Mr. Percy M. Beard, Jr.
Senior Vice President, Nuclear Operations
Florida Power Corporation
ATTN: Manager, Nuclear Licensing (SA2A)
Crystal River Energy Complex
15760 W Power Line Street
Crystal River, Florida 34428-6708

SUBJECT: CRYSTAL RIVER NUCLEAR GENERATING PLANT UNIT 3 - CORRECTION OF
INFORMATION RE: APPENDIX R EXEMPTION FOR REACTOR COOLANT PUMP
OIL COLLECTION SYSTEM (TAC NOS. M86794 AND M95789)

Dear Mr. Beard:

By letter dated October 7, 1994, the Commission issued an exemption from certain requirements of 10 CFR 50, Appendix R, Section III. O, "Oil collection system for reactor coolant pump." This exemption allowed installation of a new reactor coolant pump (RCP) motor with an oil collection system which is capable of collecting oil leakage from all potential pressurized and unpressurized leakage sites except for four potential oil leakage sites.

In support of this exemption, your letter dated March 28, 1994, stated that there is no installed forced air ventilation system in the RCP area. By letter dated May 8, 1996, you informed us that this information is in error and indicated that there is air flow in the area. Your May 8, 1996 letter also stated that this corrected air flow information does not represent a significant contributor to fire severity.

In response to our request for additional information, by letter dated July 11, 1996, you submitted your evaluation of the air flow in the steam generator areas inside the D-rings and the effects of air flow on the fire detectors installed in the RCP area.

You modeled the flow path area as a large duct and used the cross sectional area and the total air flow provided to the steam generator compartment. You conservatively estimated the air flow velocity in the steam generator compartment to be 50 feet per minute. You concluded that this air flow velocity has negligible effect on the function and operation of the fire heat detectors. You also stated that three heat detectors on two separate fire zones are provided at each RCP such that a failure of a single detector or zone would not adversely affect the heat detection capability for a fire within any RCP area.

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Mr. Percy M. Beard, Jr.
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**CRYSTAL RIVER UNIT NO. 3
GENERATING PLANT**

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Percy M. Beard, Jr.

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We have reviewed your July 11, 1996 submittal. On the basis of our review, we concur with your conclusion that the ventilation air flow in the steam generator areas inside the D-rings will not adversely affect the fire detectors installed in the RCP area, and therefore, our conclusion on the October 7, 1994 exemption remains valid. This letter is appended to our safety evaluation associated with the October 7, 1994 exemption. This completes our effort under technical assignment control (TAC) No. M95789 and the TAC is closed.

Our review process revealed several performance weaknesses. The regulations require that information submitted to the NRC by licensees be complete and accurate in all material respects (10 CFR 50.9). The staff believes that your performance in this regard needs improvement, especially considering the fact that the error in your submittal was related to a specific staff question. Your letter of April 30, 1996, which identified incorrect information contained in a September 19, 1995 simulator certification report relating to implementation of plant modifications to the simulator, is an additional example of weakness in this area. We request that you take appropriate corrective actions to address the performance weakness in this area.

Sincerely,



L. Raghavan, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-302

cc: See next page

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