



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

May 8, 2009

Mr. Dale E. Young, Vice President  
Crystal River Nuclear Plant (NA1B)  
ATTN: Supervisor, Licensing & Regulatory Programs  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

SUBJECT: CRYSTAL RIVER UNIT 3 - REQUEST FOR ADDITIONAL INFORMATION  
REGARDING RELIEF REQUEST 09-001-IT FOR THE INSERVICE TESTING  
PROGRAM (TAC NO. ME0987)

Dear Mr. Young:

By letter dated March 30, 2009, Florida Power Corporation submitted Relief Request 09-001-IT, Revision 0 (Agencywide Documents Access and Management System Accession No. ML090920219) for Crystal River Unit 3, requesting relief from the comprehensive pump test requirements of the American Society of Mechanical Engineers Operations and Maintenance Code ISTB-5000. The basis for the relief request is that the proposed alternative would provide an acceptable level of quality and safety.

The Nuclear Regulatory Commission (NRC) staff has reviewed the information the licensee provided and determined that additional information is required in order to complete the evaluation. The NRC staff's request for additional information (RAI) is enclosed.

Please respond to the enclosed RAI within 30 days of the date of this letter. I can be reached at 301-415-1447, if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Farideh E. Saba".

Farideh E. Saba, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosures: As stated

cc w/encl: Distribution via ListServ

REQUEST FOR ADDITIONAL INFORMATION  
CRYSTAL RIVER UNIT 3  
RELIEF REQUEST 09-001-IT, REVISION 0  
INSERVICE TESTING PROGRAM FOR THE FOURTH 10-YEAR INTERVAL  
DOCKET NO. 50-302, LICENSE NO. DPR-72

The Nuclear Regulatory Commission staff has determined that the following information is needed to facilitate the review of Relief Request 09-001-IT, Revision 0, regarding the fourth 10-year interval inservice testing program at Crystal River Unit 3 (CR-3), submitted by Florida Power Corporation (the licensee) in letter dated March 30, 2009.

RAI 09-001-IT-001

Please identify pumps in Section 1.0 of your request that are classified as Group A pumps and pumps that are classified as Group B pumps. Provide your rationale for reclassifying the pumps, if you are proposing to reclassify any pump from Group B to Group A.

RAI 09-001-IT-002

The proposed alternative replaces the comprehensive test acceptable ranges (0.93 – 1.03 for differential ( $\Delta$ ) pressure for centrifugal pumps and 0.95 – 1.03  $\Delta$  pressure for vertical line shaft centrifugal pumps) with wider and less conservative acceptance ranges (0.90 – 1.06 for  $\Delta$  pressure). The Alert Range is also eliminated. Please explain how these changes will provide an acceptable level of quality and safety.

RAI 09-001-IT-003

ISTB-5000, "Specific Testing Requirements," allows substituting a comprehensive test for a Group A test. Explain why a comprehensive test cannot be performed quarterly in lieu of Group A tests, if the quarterly Group A Test can be performed within  $\pm 20$  percent of the pumps design flow rate using pressure instruments with  $\pm \frac{1}{2}$  percent accuracy.

Enclosure

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*/ra/*

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NRR-088

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NAME	FSaba	CSola	JMcHale	TBoyce
DATE	5/7/09	5/7/09	4/27/09	5/8/09

\*by Memorandum

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