



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001  
May 4, 2009

Mr. Mark B. Bezilla  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Perry Nuclear Power Plant  
Mail Stop A-PY-A290  
P.O. Box 97, 10 Center Road  
Perry, OH 44081-0097

SUBJECT: PERRY NUCLEAR POWER PLANT, UNIT NO. 1 - REQUEST FOR  
ADDITIONAL INFORMATION RELATED TO RELIEF REQUEST PR-3 FOR THE  
INSERVICE TESTING PROGRAM (TAC NO. ME0820)

Dear Mr. Bezilla:

By letter to the Nuclear Regulatory Commission (NRC) dated February 18, 2009 (Agencywide Documents Access and Management System Accession No. ML090650668), FirstEnergy Nuclear Operating Company submitted a request for the use of a proposed alternative to requirements associated with the In-Service Testing Program, for the Perry Nuclear Power Plant, Unit No. 1.

The NRC staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter. During a discussion with your staff on April 28, 2009, it was agreed that you would provide a response by June 11, 2009.

The NRC staff considers that timely responses to requests for additional information help ensure sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-3719.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Goodwin", is positioned above the typed name.

Cameron S. Goodwin, Project Manager  
Plant Licensing Branch III-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

PERRY NUCLEAR POWER PLANT, UNIT NO. 1

DOCKET NO. 50-440

In reviewing the FirstEnergy Nuclear Operating Company's submittal dated February 18, 2009, related to Relief Request PR-3 for the In-Service Testing Program for the Perry Nuclear Power Plant, Unit No. 1, the Nuclear Regulatory Commission staff has determined that the following information is needed in order to complete its review:

RAI PR-3-001

Please identify which pumps in Section 1 are currently Group B pumps that you are proposing to re-classify as Group A pumps, and provide your rationale for re-classifying the pumps.

RAI PR-3-002

The proposed alternative replaces the comprehensive test acceptable ranges (e.g. 0.94 – 1.03 for flow and 0.93 – 1.03 for  $\Delta$  Pressure for centrifugal pumps) with wider, less conservative acceptance ranges (0.90 – 1.10 for flow and  $\Delta$  Pressure). The Alert Range is also eliminated. Please explain how these changes will provide an acceptable level of quality and safety.

RAI PR-3-003

ISTB-5000 allows substituting a comprehensive test for a Group A or Group B test. If the pumps listed in Section 1 can be operated within  $\pm 20$  percent of their design flow rates and instruments with  $\pm \frac{1}{2}$  percent accuracy can be used during quarterly testing, please explain why a comprehensive test cannot be performed quarterly in lieu of Group A or Group B tests.

ENCLOSURE

May 4, 2009

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/RA/

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NRR-106

OFFICE	LPL3-2/PM	LPL3-2/LA	LPL3-2/BC
NAME	CGoodwin	THarris	RGibbs (MDavid for)
DATE	05/4/09	05/1/09	05/4/09

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