

From: Vaidya, Bhalchandra
Sent: Wednesday, January 06, 2010 12:54 PM
To: 'Dorman, Eugene'; 'Pechacek, Joseph'
Cc: Salgado, Nancy; Tingen, Steve; McMurtray, Anthony; Hamm, Matthew; Elliott, Robert
Subject: FitzPatrick - ME2810 - Draft RAIs from CPTB and an ITSB Concern for Acceptance of the Application

SUBJECT: James A. FitzPatrick Nuclear Power Plant (JAFNPP) –REQUESTED LICENSING ACTION RE: License Amendment Request to Delete TS requirement to actuate safety/relief valves during plant startup (TAC NO. ME2810)

By letter dated November 23, 2009, Energy Nuclear Operations, Inc., the licensee, submitted two License Amendment Requests to Modify the Technical Specifications Requirements to Delete TS requirement to actuate safety/relief valves during plant startup.(Agencywide Documents Access and Management System Accession No. ML093310431).

A) The staff of NRC Component performance and Testing Branch (CPTB), Division of Component Integrity (DCI), has identified the following Request for Additional Information:

1. Current Surveillance Requirement (SR) 3.4.3.2 requires that each solenoid operated valve (SOV) be tested every 24 months on a staggered basis. Attachment 1 to the TS amendment request states that a functional test for each SOV will be performed once per operating cycle. What will require the SOVs to be tested once per operating cycle after the requirement in SR 3.4.3.2 is deleted? For example, are the SOVs required to be tested in accordance with ISTC-3500 and ISTC-5150 of the American Society of Mechanical Engineers, *Code for Operation and Maintenance of Nuclear Power Plants*?

2. Current SR 3.4.3.2 requires that each S/RV be manually actuated on a 24 month frequency. This test exercises the main stage for each S/RV. Attachment 1 to the TS amendment request states that main stage certification testing will be periodically performed at an offsite test facility. What will require the S/RV main stages to be periodically tested once the requirement in SR 3.4.3.2 is deleted? For example, are the S/RV main stages required to be tested in accordance with the American Society of Mechanical Engineers, *Code for Operation and Maintenance of Nuclear Power Plants*?

B) The staff of NRC Technical Specifications Branch (ITSB), Division of Inspection & Regional Support (DIRS) has the following concern:

3. As stated in the TS Bases for SR 3.4.3.2 (and SR 3.5.13), the specified safety function for the S/RVs is to mechanically open to relieve excess pressure when the lift setpoint is exceeded. In order to relieve pressure, an open flow path must exist between the Main Steam lines and the Suppression pool. Among other things, SR 3.4.3.2 (and SR 3.5.13) verifies that, mechanically, the valve is functioning properly (as installed) and no blockage exists in the valve discharge line (as installed). The licensee has proposed the deletion of SR 3.4.3.2 (and SR 3.5.13) without proposing an alternate method to verify that the S/RVs, as installed, can perform their specified safety function and no blockage exists in the valve discharge line. With proposed deletion of SR 3.4.3.2 (and SR 3.5.13), please provide justification as to how the licensee would meet the TS Bases Requirements "to verify that the S/RVs, as installed, can perform their specified safety function and no blockage exists in the valve discharge line."

We will discuss these topics in the tele-conference, tomorrow January 7, 2010, at 1 pm.

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