

## **NRR-PMDAPEm Resource**

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**From:** Lingam, Siva  
**Sent:** Tuesday, June 02, 2015 8:35 AM  
**To:** jdshaw@nppd.com  
**Cc:** Markley, Michael; Alley, David; Robert Wolfgang; Mitchell, Eliza  
**Subject:** Cooper - Relief Request (RR) RP-08 Associated with Comprehensive Pump Test Upper Limit and RR RP-09 Regarding Variance Around the Reference Values for Fifth Ten-Year Interval Pump IST Program (TAC Nos. MF5919 and MF5920)

Please note the following **official** requests for additional information (RAIs), and provide your responses within 30 days from the date of this e-mail.

By letter dated March 19, 2015 (Agencywide Documents Access and Management System Accession No. ML15084A221), Nebraska Public Power District (the licensee) submitted alternative requests RP-08 and RP-09 for the fifth ten-year inservice testing (IST) program for Cooper Nuclear Station (CNS). The submitted alternative requests propose to perform alternate pump tests specified in Code Cases in the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code). The fifth ten-year IST interval begins on March 1, 2016 and is scheduled to end on February 28, 2026.

Specifically, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50, Section 50.55a(a)(z)(1), the licensee requested to use the proposed alternative in relief requests RP-08 and RP-09 on the basis that the alternative provides an acceptable level of quality and safety. To complete its review of this request, the Nuclear Regulatory Commission staff requires the following additional information:

### **RAI RP-08-1**

Provide a list of pumps that this alternative request applies to. Include the pump name and number, the pump type, the ASME Code class, the ASME OM Code category (Group A or B), the design basis accident flow rate (indicate if not applicable), and the IST comprehensive pump test or Group A pump test flow rate that will be used to determine if a pump periodic verification test is required.

### **RAI RP-08-02**

Explain what is meant by the statement in Section 5 that says, "Therefore, any IST pump that is utilizing the 1.06 multiplier for the comprehensive pump test will meet this condition."

### **RAI RP-09-1**

Provide a list of pumps that this alternative request applies to. Include the pump name and number, the pump type, the ASME Code class, and the ASME OM Code category (Group A or B).

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U.S. Nuclear Regulatory Commission  
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**From:** Lingam, Siva

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