

## **NRR-PMDAPEm Resource**

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**From:** Miernicki, Michael  
**Sent:** Tuesday, August 19, 2014 3:03 PM  
**To:** garent@tva.gov; rhbryan@tva.gov  
**Cc:** Quichocho, Jessie; Poole, Justin; Casto, Greg; Wheeler, Larry; Snyder, Pete; Lingam, Siva  
**Subject:** Watts Bar 2 - RAI - Developmental Tech Specs Rev I  
**Attachments:** RAI WBN2 T S Rev I - SBPB.docx

Attached please find an RAI from the Balance of Plant Branch regarding Watts Bar 2 Developmental Technical Specifications Revision I. Please acknowledge receipt of this question, and provide your response within 30 days.

Mike

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**Hearing Identifier:** NRR\_PMDA  
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**From:** Miernicki, Michael

**Created By:** Michael.Miernicki@nrc.gov

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MESSAGE	331	8/19/2014 3:03:00 PM
RAI WBN2 T S Rev I - SBPB.docx		22469

**Options**

**Priority:** Standard  
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**REQUEST FOR ADDITIONAL INFORMATION  
REVIEW OF DEVELOPMENTAL TECHNICAL SPECIFICATIONS REV. I  
WATTS BAR NUCLEAR PLANT UNIT 2  
DOCKET NUMBER 50-391**

**BACKGROUND**

By letter dated June 16, 2014 (Agencywide Documents Access and Management System Accession No. ML14169A525), Tennessee Valley Authority (the applicant) submitted developmental Revision I of the Watts Bar Unit 2 Technical Specifications, for review and licensing by the U.S. Nuclear Regulatory Commission (NRC).

Watts Bar Unit 2, Technical Specifications Bases Section 3.7.1, "Main Steam Safety Valves (MSSVs)", Limiting Condition for Operation, (LCO) states that the accident analysis requires that five MSSVs per steam generator be OPERABLE to provide overpressure protection for design basis transients occurring at 102% reactor thermal power (RTP). The LCO Applicability requires that five MSSVs per steam generator be OPERABLE in compliance with Reference 2 and the DBA analysis.

Watts Bar Unit 1, Technical Specifications Bases Section 3.7.1, "Main Steam Safety Valves (MSSVs)", LCO states that the accident analysis requires that five MSSVs per steam generator be OPERABLE to provide overpressure protection for design basis transients occurring at 100.6% RTP. The LCO applicability requires that five MSSVs per steam generator be OPERABLE in compliance with Reference 2 and the DBA analysis.

**Issue:**

Description of MSSVs overpressure protection for design basis transients related to RTP between Watts Bar Units 1 and 2 are different.

**RAI:**

Clarify why there is a difference between Watts Bar Unit 1 and Watts Bar Unit 2 with respect to overpressure protection and RTP.