

## **NRR-PMDAPEm Resource**

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**Subject:** Watts Bar 2 - RAIs - Developmental Tech Specs Rev I  
**Attachments:** RAI WBN2 T.S, Rev I - EICB.docx

Attached please find RAIs from the Instrument and Controls Branch regarding Watts Bar 2 Developmental Technical Specifications Revision I. Please acknowledge receipt of these questions, and that they contain no proprietary information. Please provide your responses within 30 days.

Mike

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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).

The NRC staff has reviewed Technical Specification Sections 3.3, 3.9.3, and 5.7 which the applicant provided, and determined that additional information is required in order to complete the review. In order for the NRC staff to complete its review of the document listed above, please respond to the following questions and provide associated additional information:

QUESTION 1

On Table 3.3.1-1 (TS page 3.3-22), Note 2, Overpower  $\Delta T$  equation, the sign before K6 was changed from "-" to "+". The staff needs clarification from the applicant as to the reasons for the change.

Watts Bar 2 TS, Rev I:

$$\Delta T \left\{ \frac{1 + \tau_4 s}{1 + \tau_5 s} \right\} \leq \Delta T_0 \left\{ K_4 - K_5 \frac{(\tau_3 s)}{(1 + \tau_3 s)} [T] \oplus K_6 (T - T'') - f_2(\Delta I) \right\}$$

Watts Bar 2 TS, Rev A:

$$\Delta T \left( \frac{1 + \tau_4 s}{1 + \tau_5 s} \right) \leq \Delta T_0 \left\{ K_4 - K_5 \left( \frac{\tau_3 s}{1 + \tau_3 s} \right) T \ominus K_6 [T - T''] - f_2(\Delta I) \right\}$$

## QUESTION 2

On Table 3.3.2-1 (page 3.3-39), Function 8 (ESFAS Interlocks), b (Pressurizer Pressure P-11), (2) (Enable Manual Block of SI), the allowable value was changed from " $\geq 1956.8$  psig" to " $\leq 1956.8$  psig". The staff needs clarification from the applicant as to the reasons for the change.

## QUESTION 3

TS 3.3.8, "Auxiliary Building Gas Treatment System (ABGTS) Actuation Instrumentation," has several changes related to the elimination (from Table 3.3.8-1) of the Fuel Pool Area Monitors during movement of irradiated fuel assemblies in the spent fuel pool area. Condition C in TS revision A has been removed (Condition D in TS revision A is now Condition C in TS revision H) and SR 3.3.8.1, SR 3.3.8.2 and SR 3.3.8.4 in TS revision A have been removed (SR 3.3.8.3 in TS revision A is now SR 3.3.8.1 in TS revision H). EICB staff is not aware of the reasons for this change. Please provide an explanation of the reason for this change

## QUESTION 4

On Table 3.3.1-1 (page 3.3-18), Function 14 (Turbine Trip), a (Low Fluid Oil Pressure), SR 3.3.1.10(b)(c) was added in revision G (as a correction of a typo). However, it was removed in revision I, even though the page remains marked as revision G. This SR is for the performance of a channel calibration. The staff needs clarification from the applicant as to the reasons for the change.