



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

May 7, 2015

Mr. Michael D. Skaggs
Senior Vice President
Nuclear Generation Development and Construction
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

**SUBJECT: WATTS BAR UNIT 2 OPERATIONAL READINESS ASSESSMENT TEAM
INSPECTION PREREQUISITES**

Dear Mr. Skaggs:

The Operational Readiness Assessment Team (ORAT) is an important part of the NRC's decision making process regarding your plans to startup Watts Bar Unit 2. Therefore to make sure both the NRC and the Tennessee Valley Authority are properly prepared, the NRC has identified the following list of prerequisites that should be completed prior to this inspection. Please provide us with a written reply two weeks in advance of when these prerequisites will be satisfied and that Watts Bar Unit 2 is ready for NRC's ORAT. Based on discussions with your staff, we understand that based on your current schedule, Tennessee Valley Authority will be ready for the NRC to conduct the Unit 2 ORAT starting on June 22, 2015.

1. Declaration by the Tennessee Valley Authority that the facility is ready for the NRC ORAT and a proposed date for the inspection.
2. Completion of system turnover to Operations under the NC-PP-37 process for the containment spray system and component cooling water system. Also for these two systems, completion of the following attachments from Procedure 0-TI-441, "Operational Readiness Process for Unit 2 Systems."
 - a. 0-TI-441 Attachment 1, Functional Support Requirements
 - b. 0-TI-441 Attachment 2, Operational Alignment, with the exception of Multi-System EDCRs.
3. For the auxiliary feedwater system, provide verification that the following attachments from the system turnover process have been substantially completed:
 - a. NC-PP-37 Attachment 1, Turnover Boundary Definition
 - b. NC-PP-37 Attachment 2, Functional Support Requirements Completion Checklist and Required Drawing Index
 - c. NC-PP-37 Attachment 5, Design Engineering Complete & Design Authority Transfer
 - d. 0-TI-441 Attachment 1, Functional Support Requirements, with the exception of Critical Components PMS.
 - e. 0-TI-441 Attachment 2, Operational Alignment, with the exception of Programs and Multi-Systems EDCRs.

4. For any portions of the Attachments listed in Item 3 above that will not be complete by the proposed inspection date, provide a description of the remaining actions and potential impact to the NRC ORAT inspection.
5. Please provide us with a list of all safety-related/risk-significant systems that are scheduled to be turned over to Operations in accordance with Procedure NC-PP-37, "System Turnover to Operations," prior to the proposed onsite inspection start date of June 22, 2015.

The NRC has provided to your staff an initial document request list that will be used by the inspectors to prepare for the ORAT. As part of the inspection preparation, additional document requests will be made and provided to members of your staff in advance of the onsite inspection week. Please note that the NRC has developed an inspection plan, a team leader has been assigned, and team members have been selected, subject to change based on your proposed date. If you have any questions regarding these prerequisites, please contact me at (404) 997-4446.

Sincerely,

/RA/

Robert Haag, Chief
Construction Projects Branch 3
Division of Construction Projects

Docket No. 50-391
Construction Permit No. CPPR-92

cc: See next page

4. For any portions of the Attachments listed in Item 3 above that will not be complete by the proposed inspection date, provide a description of the remaining actions and potential impact to the NRC ORAT inspection.
5. Please provide us with a list of all safety-related/risk-significant systems that are scheduled to be turned over to Operations in accordance with Procedure NC-PP-37, "System Turnover to Operations," prior to the proposed onsite inspection start date of June 22, 2015.

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Robert Haag, Chief
 Construction Projects Branch 3
 Division of Construction Projects

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cc: See next page

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: ML15127A578__ SUNSI REVIEW COMPLETE FORM 665 ATTACHED

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|--------------|------------|----------|----------|----------|----------|----------|----------|
| OFFICE | RII:DCP | | | | | | |
| SIGNATURE | /RA/ | | | | | | |
| NAME | A.Wilson | | | | | | |
| DATE | 05/07/2015 | 5/ /2015 | 5/ /2015 | 5/ /2015 | 5/ /2015 | 5/ /2015 | 5/ /2015 |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

cc:

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Letter to Michael D. Skaggs from Robert C. Haag dated May 7, 2015.

SUBJECT: WATTS BAR UNIT 2 OPERATIONAL READINESS ASSESSMENT TEAM
INSPECTION PREREQUISITES

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