



FACSIMILE TRANSMITTAL SHEET

TO: Joseph McCarthy	FROM: Joel Wiebe, Sr. Project Manager
COMPANY: Tennessee Valley Authority	DATE: 3/1/2010
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RE:	

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY

NOTES/COMMENTS:

For discussion – Preliminary RAIs for FSAR Section 9.4.4 and 9.4.8

Preliminary

REQUEST FOR ADDITIONAL INFORMATION (RAI)
WATTS BAR NUCLEAR PLANT UNIT 2
FINAL SAFETY ANALYSIS REPORT AMENDMENT 94
TENNESSEE VALLEY AUTHORITY
DOCKET NO. 50-391

By letter dated August 27, 2009 (Agencywide Document and Management System Accession No. ML092460758), the Tennessee Valley Authority (TVA) submitted Amendment 94 to the Watts Bar Nuclear Plant (WBN), Unit 2 Final Safety Analysis Report (FSAR). The following additional information is required to proceed with our review.

RAI-1 (FSAR Section 9.4.4, "Turbine Building Ventilation System"):

In Amendment 94, TVA proposed design bases changes besides editorial changes, in FSAR Section 9.4.4 in the form of text, figure(s), or table for the turbine building ventilation system including radiation protection information in FSAR Section 9.4.4.1, cold weather building pressurization in FSAR Section 9.4.4.2.4, system safety evaluation in FSAR Section 9.4.4.3, etc.

Provide a detailed assessment of the proposed changes discussing how WBN-Unit 2 will continue to meet the Acceptance Criteria delineated in NUREG-0800, Standard Review Plan, Section 9.4.4, Revision 2, July 1981, with the proposed changes.

RAI-2 (FSAR Section 9.4.8, "Condensate Demineralizer Water Evaporator Building Environmental Control System"):

In the initial plant design, TVA included condensate demineralizer waste evaporate (CDWE) building environment control system in WBN-Unit 2 FSAR Section 9.4.8. However, in Amendment 94, TVA proposed that "The condensate demineralizer waste evaporate (CDWE) building environment control system is a separate nonsafety air conditioning system which is not required for Unit 2 operation."

In addition, you have stated that the above system is "Not required for WBN-Unit 1 operation."

Provide a discussion describing why the CDWE building environment control system is no longer required for WBN-Units 1 and 2 operation. Also provide a detailed assessment of the proposed deletion discussing how WBN-Unit 2 will continue to meet the Acceptance Criteria delineated in NUREG-0800, Standard Review Plan, Section 9.4.3, Revision 2, July 1981.

Enclosure

RAI-3 (FSAR Section 9.4.8, "Condensate Demineralizer Water Evaporator Building Environmental Control System"):

Your submittal stated that, "The CDWE Building is inside the Auxiliary Building Secondary Containment Enclosure (ABSCE) boundary; therefore, it is connected to the Auxiliary Building (AB) ventilation exhaust system. The ventilation exhaust system provides a negative pressure inside CDWE Building."

If the function of the ABSCE ventilation exhaust system is to provide a negative pressure inside the CDWE Building (with respect to the outside atmosphere), explain why the CDWE building environment control system is not needed. Also, if this function is not needed (or deleted), provide a detailed assessment discussing how WBN-Unit 2 will continue to meet the Acceptance Criteria delineated in NUREG-0800, Standard Review Plan, Section 9.4.3, Revision 2, July 1981.