



Tennessee Valley Authority, Post Office Box 2000, Spring City, TN 37381-2000

July 29, 2008

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop: OWFN P1-35
Washington, D.C. 20555-0001

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket No. 50-391

**WATTS BAR NUCLEAR PLANT (WBN) – UNIT 2 – GENERIC COMMUNICATIONS STATUS
FOR UNIT 2 – REVISION 1 (TAC NO. MD8314)**

- References:
1. NRC letter dated May 28, 2008, "Watts Bar Nuclear Plant, Unit 2 – Status of Generic Communications (TAC NO. MD8314)"
 2. TVA letter dated March 20, 2008, "Watts Bar Nuclear Plant (WBN) – Unit 2 – Generic Communications Status for Unit 2 - Restructured Tables"

The purpose of this letter is to respond to an NRC request for additional information (Reference 1) regarding several Generic Communications. TVA provided a comprehensive list of the status of completion of Generic Communications for WBN Unit 2 on March 20, 2008 (Reference 2).


In Reference 1, the NRC did not agree with TVA's determination that certain Generic Communications were not applicable for WBN Unit 2. NRC requested further information to reconcile the differences between TVA's determination and the NRC assessment on thirteen specific Generic Communications. Enclosure 1 provides further information on the Generic Communications in the same form as provided in Reference 2. Enclosure 2 provides the listing of open actions required for licensing identified in this letter.

DO30
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U.S. Nuclear Regulatory Commission
Page 2
July 29, 2008

As requested, TVA will provide an update to the status of Generic Communications at approximate six month intervals, including references to closure documentation. If you have any questions, please contact me at (423) 365-2351.

Sincerely,


Masoud Bajestani
Watts Bar Unit 2 Vice President

Enclosures

cc (Enclosures):

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GENERIC COMMUNICATIONS: REVISION 1 CHANGES

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ITEM	TITLE	REV	ADDITIONAL INFORMATION
C 79-023	Motor Starters and Contactors Failed to Operate	C	The Circular did not require a response.
		01	<p>TVA reported a nonconformance under 10 CFR 50.55e on January 17, 1980, that four motor starters of this type had been located in the 480V control and auxiliary vent boards at WBN. Gould factory representatives supervised the replacement of the carrier assemblies in accordance with the Gould instructions. The starters with replaced carriers were acceptable.</p> <p>NRC IR 50-390/80-03 and 50-391/80-02 reviewed and closed the associated nonconformance reports.</p>
C 79-025	Shock Arrestor Strut Assembly Interference	C	The Circular did not require a response.
		01	<p>TVA reported a nonconformance under 10 CFR 50.55e on March 6, 1980, that a review had determined that nine installed supports had brackets with the potential of hindering full function of the support. Additional supports that were not installed had the same potential problem. TVA initially determined that the supports would be modified in accordance with a vendor approved drawing. TVA subsequently determined that no actual problem existed and no field work was required.</p> <p>NRC IR 50-390/83-15 and 50-391/83-11 reviewed and closed the associated nonconformance reports.</p>
C 81-013	Torque Switch Electrical Bypass Circuit for Safeguard Service Valve Motors	C	The Circular did not require a response.
		01	<p>TVA reported a nonconformance under 10 CFR 50.55e on April 4, 1986 (NCR W367-P), that required closing torque switches were found improperly wired. This issue (Torque switch and overload relay bypass capability for active safety related valves) is part of the Electrical Issues Corrective Action Program for WBN Unit 2.</p>
GL 79-024	Multiple Equipment Failures in Safety-Related Systems	NA	<p>GL 79-24 provided a discussion of an inadvertent reactor scram and safety injection during monthly surveillance tests of the safeguards system at a PWR facility. The GL requested a review to determine if similar errors had or could have occurred at other PWRs. The GL further requested a review of management policies and procedures to assure that multiple equipment failures in safety-related systems will be vigorously pursued and analyzed to identify significant reduction in the ability of safety systems to function as required. A response was requested within 30 days of receipt of the GL with the results of these reviews. TVA does not have a record of receiving or responding to this GL. Thus, TVA concluded that this item was applicable only to PWRs with an operating license at the time the GL was issued.</p>
		01	
GL 79-051	Follow-up Actions Resulting from the NRC Staff Reviews Regarding the TMI-2 Accident	NA	<p>GL 79-51 provided follow-up actions resulting from the Three Mile Island Unit 2 accident. GL 79-51 was provided for planning and guidance purposes. Its principal element was a report titled "TMI-2 Lessons Learned Task Force Status Report and Short-Term Recommendations" (NUREG-0573). This GL and the NUREG were superseded by GL 80-90 and NUREG-0737. See GL 80-90 for further information.</p>
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ITEM	TITLE	REV	ADDITIONAL INFORMATION
GL 79-063	Upgraded Emergency Plans	C ----- 01	GL 79-63 advised applicants for licenses of proposed rulemaking that NRC concurrence in State and local emergency plans would be a condition for issuing an operating license. TVA responded to GL 79-63 on January 3, 1980, and confirmed the intent to revise the Emergency Plan to address the NRC requirements.
GL 80-011	B 80-03, "Loss of Charcoal From Standard Type II, 2 Inch, Tray Absorber Cells"	C ----- 01	GL 80-11 transmitted Bulletin 80-03. TVA responded to B 80-03 on March 21, 1980. See B 80-03 for further information.
GL 80-028	B 80-08, "Examination of Containment Liner Penetration Welds"	C ----- 01	GL 80-28 transmitted Bulletin 80-08. TVA responded to B 80-08 on July 8, 1980. See B 80-08 for further information.
GL 80-032	Information Request on Category I Masonry Walls Employed by Plants Under CP and OL Review	C ----- 01	GL 80-32 transmitted NRC questions on masonry walls. TVA provided the information requested by letters dated February 12, 1981, for reinforced walls and August 20, 1981, for nonreinforced walls. TVA provided a final response on January 22, 1982. See B 80-11 for further information.
GL 80-092	B 80-21, "Valve Yokes Supplied by Malcolm Foundry Company, Inc."	C ----- 01	GL 80-92 transmitted Bulletin 80-21. TVA responded to B 80-21 on May 6, 1981. See B 80-21 for further information.
GL 86-004	Policy Statement On Engineering Expertise On Shift	C ----- 01	TVA responded to GL 86-04 on May 29, 1986. TVA provides engineering expertise on shift in the form of a dedicated Shift Technical Advisor (STA) or an STA qualified Senior Reactor Operator.
GL 89-002	Actions to Improve the Detection of Counterfeit and Fraudulently Marketed Products	C ----- 01	GL 89-02 did not require a response. WBN Unit 2 program for procurement and dedication of materials is based in part on and complies with the guidance of GL 89-02. The program is implemented through project procedures.
GL 89-021	Request for Information Concerning Status of Implementation of Unresolved Safety Issue (USI) Requirements	O ----- 01	TVA responded to GL 89-21 with the status of USIs for both units on November 29, 1989. NRC provided an assessment of WBN USI status on May 1, 1990. The NRC assessment included a list of incomplete USIs for WBN. USIs were initially reviewed for WBN in the SER Appendix C. USIs were subsequently reviewed in SSER 15 Appendix C (June 1995) and SSER 16 (September 1995). Unit 2 actions: Provide a status of WBN Unit 2 USIs. Complete implementation of USIs.

ITEM	TITLE	REV	ADDITIONAL INFORMATION
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STATUS CODE DEFINITIONS

- C:** CLOSED: Previous staff review of NUREG-0847 and/or supplements has closed the item either for both units at WBN or explicitly for WBN Unit 2.
- CI:** CLOSED/IMPLEMENTATION: Staff has approved either for both units at WBN or explicitly for WBN Unit 2; there is no change to the approved design; and implementation is recommended through Regional Inspection.
- CT:** CLOSED/TECHNICAL SPECIFICATIONS: Item has been approved either for both units at WBN or explicitly for WBN Unit 2; however, a change to the original approval requires submittal of the Technical Specifications and staff review.
- NA:** NOT APPLICABLE: Justification as to why a section / subsection is not applicable is provided in the ADDITIONAL INFORMATION column.
- O:** OPEN: No action or documentation is provided that shows the staff has reviewed the item for WBN Unit 2.
- OT:** OPEN/TECHNICAL SPECIFICATIONS: No action or documentation is provided that shows the staff has reviewed the item for WBN Unit 2, and the resolution is through submittal of a Technical Specification.
- OV:** OPEN/VALIDATION: The proposed approach has been approved for Watts Bar Unit 1; the same approach is proposed for use on WBN Unit 2 without change.

Enclosure 2

Listing of Open Actions Required for Licensing

1. TVA will provide an update to the status of generic communications at approximately six month intervals, including references to closure documentation.
2. Provide a status of WBN Unit 2 Unresolved Safety Issues by August 21, 2008.