



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

June 18, 2012

10 CFR 2.201

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Sequoyah Nuclear Plant, Units 1 and 2
Facility Operating License Nos. DPR-77 and DPR-79
NRC Docket Nos. 50-327 and 50-328

Watts Bar Nuclear Plant, Unit 1
Facility Operating License No. NPF-90
NRC Docket No. 50-390

Watts Bar Nuclear Plant, Unit 2
Construction Permit No. CPPR-92
NRC Docket No. 50-391

Subject: Reply to Notice of Violation 05000391/2010603-08 - Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers - Revised Response

References:

1. NRC Letter, "Response to Corrective Actions for Watts Bar Unit 2 Notice of Violation (NOV) 05000391/2010603-08," dated May 18, 2012 (ML12139A052)
2. TVA Letter, Watts Bar Nuclear Plant (WBN) Unit 2 - Reply to Notice of Violation 05000391/2010603-08 - "Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers," dated June 9, 2011 (ML11164A141)

By letter dated May 18, 2012 (Reference 1), the NRC informed the Tennessee Valley Authority (TVA) that corrective actions for Notice of Violation 05000391/2010603-08, "Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers," described in Reference 2, were inadequate to achieve full compliance with design control requirements of Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50, Appendix B, Criterion III, "Design Control." The NRC requested that TVA amend their response to

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the NOV (which was issued for Watts Bar Nuclear Plant, Unit 2) with corrective actions that are sufficient to achieve full compliance with NRC regulations. The NRC further requested that TVA include in the response, any short-term operability and long-term corrective actions necessary pursuant to this issue at WBN, Unit 1 and Sequoyah Nuclear Plant (SQN) Units 1 and 2. The NRC stated that the response should specifically address how configuration control has been verified for these components and how applicable Institute of Electrical and Electronic Engineers (IEEE) standards are being met for all known Heinemann molded case circuit breaker configurations in safety-related applications.

In Reference 1, the NRC stated that TVA is required to submit a supplemental response to this NOV within 30 days. The NRC further stated that where good cause is shown, consideration will be given to extending the response time. TVA is requesting an extension for the required submittal of the supplemental response to the NOV until July 20, 2012.

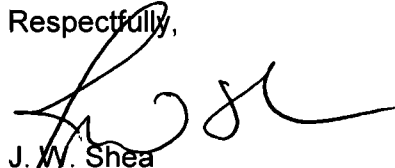
TVA requests additional time to prepare a comprehensive response that fully addresses how configuration control is verified and conformance with applicable IEEE standards are met at each of the four affected units (WBN 1 and 2 and SQN 1 and 2). The additional time will be used to ensure full coordination of the response between the construction and operating units within TVA.

TVA has determined that the non-conforming condition will not prevent the circuit breakers from performing their WBN Unit 1 and SQN Units 1 and 2 intended safety function. Documentation that supports TVA's determination of operability is available for inspection and will be included, as required, in TVA's response to Reference 1.

If you have any questions relating to this matter, please contact Gene Cobey at 423-751-3275.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 18th day of June, 2012.

Respectfully,



J. W. Shea
Manager, Corporate Nuclear Licensing

cc: NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Sequoyah Nuclear Plant
NRC Senior Resident Inspector - Watts Bar Nuclear Plant, Unit 1
NRC Senior Resident Inspector - Watts Bar Nuclear Plant, Unit 2