



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

August 14, 2009

10 CFR 50.4

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

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

**Subject: Response To Request For Additional Information Regarding
Request For Correction To NUREG-0847, Supplement 18, Related
To Carbon Dioxide Fire Suppression System (TAC NO. ME0876)**

- References:
1. Letter from TVA to NRC dated March 13, 2009, "Watts Bar Nuclear Plant (WBN) Unit 1 – Request for Correction to NUREG-0847, Supplement 18, Related to WBN Carbon Dioxide Fire Suppression System"
 2. Letter from NRC to TVA dated July 15, 2009, "Request for Additional Information Regarding Request for Correction to NUREG-0847, Supplement 18, Related to Carbon Dioxide Fire Suppression System (TAC No. ME0876)"
 3. Supplement 18 of NUREG-0847, "Safety Evaluation Report Related to the Operation of Watts Bar Nuclear Plant, Units 1 and 2, Docket Nos. 50-390 and 50-391" dated October 1995

By letter dated March 13, 2009 (Reference 1), the Tennessee Valley Authority (TVA) submitted a request to change Supplemental Safety Evaluation Report 18 (Reference 3), specifically the portion related to discussion of Watts Bar Nuclear Plant's Carbon Dioxide Fire Protection System.

On July 15, 2009, NRC issued a Request for Additional Information (RAI) (Reference 2) based on NRC's review of TVA's March 13, 2009 letter. The NRC's letter indicated the understanding that TVA intended to respond to the RAI within 30 days of the issuance of the RAI (i.e., on or before August 14, 2009).

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As agreed during a telephone discussion between J. G. Lamb of the NRC, and F. C. Mashburn of TVA, on August 13, 2009, TVA will submit the requested additional information by August 21, 2009. If you have any questions or need additional information, please contact me at 423-751-3628.

Respectfully,



R. M. Krich
Vice President
Nuclear Licensing

cc:

Regional Administrator – Region II
NRC Senior Resident Inspector – Watts Bar Nuclear Plant