



Tennessee Valley Authority  
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Chattanooga, Tennessee 37402-2801

**R. M. Krich**  
Vice President  
Nuclear Licensing

November 18, 2010

10 CFR 50.4

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

Watts Bar Nuclear Plant, Units 1 and 2  
Facility Operating License No. NPF-90  
Facility Construction Permit No. CPPR-92  
NRC Docket Nos. 50-390 and 50-391

**Subject: Response to Request for Additional Information Regarding Target Set Development**

- References:**
1. Letter from NRC to TVA, "Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Physical Security Plan (TAC ME0853)," dated February 18, 2010
  2. Letter from M. Bajestani, TVA, to NRC, "Watts Bar Nuclear Plant (WBN) Unit 2 - Response to U.S. Nuclear Regulatory Commission Request for Additional Information Regarding Physical Security Plan," dated April 5, 2010

In a letter dated February 18, 2010 (Reference 1), the U.S. Nuclear Regulatory Commission (NRC) requested additional information regarding the Watts Bar Nuclear Plant Physical Security Plan. In the April 5, 2010 (Reference 2) response, the Tennessee Valley Authority (TVA) committed to develop Watts Bar Nuclear Plant (WBN), Unit 2 target sets using the expert panel methodology, as described in Appendix C of the NEI 03-12, "Template for the Security Plan, Training and Qualification Plan, Safeguards Contingency Plan," when evaluating vital areas and equipment in support of Unit 2 target sets.

SDO!

HRK

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At a meeting between the NRC and TVA on October 12, 2010, TVA representatives described the process used to develop and identify target sets for the Watts Bar site, including WBN, Units 1 and 2, and common target sets. TVA's target set process uses the NEI template and is documented in accordance with the requirements of 10 CFR 73.55(f). TVA has completed development of target sets for the Watts Bar site, including WBN, Units 1 and 2, and common target sets. The WBN target sets are available for review onsite.

There are no commitments associated with this submittal. If you have any questions, please contact me at (423) 751-3628.

Respectfully,

A handwritten signature in black ink, appearing to read "R. M. Krich", written in a cursive style.

R. M. Krich

cc:

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