



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 20, 2011

Mr. Ashok S. Bhatnagar
Senior Vice President
Nuclear Generation Development
and Construction
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT, UNIT 2 – CYBER-SECURITY PROGRAM
IMPLEMENTATION SCHEDULE (TAC NO. ME4958)

Dear Mr. Bhatnagar:

The purpose of this letter is to inform you of the U.S. Nuclear Regulatory Commission (NRC) staff's expectation regarding implementation of a cyber security plan (CSP) at Watts Bar Nuclear Plant (WBN), Unit 2, consistent with Section 73.54, "Protection of digital computer and communication systems and networks," of Title 10 of the *Code of Federal Regulations*.

In a letter dated July 23, 2010, Tennessee Valley Authority (TVA) stated its plan to complete sufficient activities to support a planned NRC audit/inspection in April 2011 and to implement the CSP prior to licensing of WBN Unit 2. In Enclosure 2 to that letter, TVA also stated that plan of actions/milestones for each system containing critical digital assets requiring remediation would be implemented prior to loading fuel at WBN Unit 2.

In a letter dated March 8, 2011, the staff requested TVA complete certain key intermediate milestones no later than December 31, 2011. The staff also requested information regarding CSP implementation schedule milestones, completion dates, supporting rationale, and level of detail for NRC evaluation.

However, during a meeting with the NRC's Office of Nuclear Security and Incident Response (NSIR) on March 31, 2011, TVA stated that modifications to those systems common to the operation of WBN Units 1 and 2 would not be completed prior to issuance of an operating license (OL) for Unit 2; rather, on a schedule coincident with that for implementation at the operating WBN Unit 1.


In order to issue an OL, there must be reasonable assurance that TVA will be in compliance with the Commission's regulations. Therefore, we request TVA to clarify its CSP implementation plan, taking into consideration dual-unit operation.

A. Bhatnagar

- 2 -

If you should have any questions, please contact me.

Sincerely,

Handwritten signature of Stephen J. Campbell in black ink.

Stephen J. Campbell, Chief
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

LRA HAVAN

Docket No. 50-391

cc: Distribution via Listserv

A. Bhatnagar

- 2 -

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Sincerely,

/RA by LRaghavan for/

Stephen J. Campbell, Chief
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
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