



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

July 29, 2010

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 – REQUEST FOR ADDITIONAL
INFORMATION REGARDING PRESSURE LOCKING AND THERMAL BINDING
OF SAFETY-RELATED POWER-OPERATED GATE VALVES
(TAC NO. MD6717)

Dear Mr. Bhatnagar:

In a letter dated September 7, 2007 (see Agencywide Document Access and Management System Accession No. ML072570676), as supplemented April 1, 2010 (ML100950044), the Tennessee Valley Authority (TVA) submitted information regarding pressure locking and thermal binding of safety-related power-operated gate valves as related to Generic Letter 1995-07 for Watts Bar Nuclear Plant (WBN), Unit 2. The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by TVA.

In an effort to complete the NRC staff review, enclosed is a request for additional information (RAI) regarding pressure locking and thermal binding of safety-related power-operated gate valves.

A response is required within 30 days of receipt of this letter.

If you should have any questions, please contact me at 301-415-6606.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel S. Wiebe".

Joel S. Wiebe, Senior Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-391

Enclosure: RAI

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
WATTS BAR NUCLEAR PLANT, UNIT 2
REGARDING PRESSURE LOCKING AND THERMAL BINDING OF
SAFETY-RELATED POWER-OPERATED GATE VALVES
TENNESSEE VALLEY AUTHORITY
DOCKET NO. 50-391

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In an effort to complete the NRC staff review, below is a request for additional information (RAI) regarding pressure locking and thermal binding of safety-related power-operated gate valves.

RAIs

1. Which valves related to GL 1995-07 require modifications? Please provide a list of these valves.
2. Which valves are missing from the list of valves related to GL 1995-07? Please provide a list of the missing valves.
3. Have there been any plant modifications that changed the original GL 1995-07 assessment for WBN Unit 1? If so, what is the impact of these modifications on WBN Unit 2?

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/RA JLamb for/

Joel S. Wiebe, Senior Project Manager
 Watts Bar Special Projects Branch
 Division of Operating Reactor Licensing
 Office of Nuclear Reactor Regulation

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