

July 30, 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 FINAL SAFETY ANALYSIS REPORT
AMENDMENT RELATED TO MECHANICAL ENGINEERING SYSTEMS
(TAC NO. ME3091)

Dear Mr. Bhatnagar:

By letter dated January 11, 2010 (Agencywide Documents Access and Management System Accession No. ML100191426), the Tennessee Valley Authority submitted Final Safety Analysis Report (FSAR) Amendment No. 97 for Watts Bar Nuclear Plant (WBN), Unit 2. This update contained changes to a number of sections of the WBN Unit 2 FSAR, including Sections 3.9.1, 3.9.2 and 3.9.3.

The NRC staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter.

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

If you should have any questions, please contact me at 301-415-2048.

Sincerely,

/RA PMilano for/

Justin C. Poole, Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-391

Enclosure:
Request for Additional Information

cc w/encl: Distribution via Listserv

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 LICENSEE’S FINAL SAFETY ANALYSIS
REPORT AMENDMENT RELATED TO MECHANICAL ENGINEERING
SYSTEMS (TAC NO. ME3091)

Dear Mr. Bhatnagar:

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DISTRIBUTION:
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LPWB Reading File
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ADAMS Accession No. ML101950610

*via memo dated July 13, 2010

OFFICE	LPWB/PM	LPWB/LA	EMCB/BC	OGC	LPWB/BC
NAME	JPoole	BClayton	MKhanna*	DRoth	SCampbell
DATE	07 / 21 /10	07/ 20 /10	7/13/10	07 / 29 /10	07 / 30 /10

OFFICIAL AGENCY RECORD

REQUEST FOR ADDITIONAL INFORMATION
WATTS BAR NUCLEAR PLANT, UNIT 2
FINAL SAFETY ANALYSIS REPORT AMENDMENT NO. 97
TENNESSEE VALLEY AUTHORITY
DOCKET NO. 50-391

EMCB RAI 3.9.3-1

Provide bases or justification for deleting the following valves from Table 3.9-17, "ACTIVE VALVES FOR PRIMARY FLUID SYSTEMS," and Table 3.9-25, "VALVES REQUIRED TO BE ACTIVE FOR DESIGN BASIS EVENTS."

From Table 3.9-17: Valves RFV-62-518, RFV-62-519, 1-RFV-62-1220, CKV-77-849, and CKV-77-868.

From Table 3.9-25: Valves CKV-18-686A/B, CKV-18-687A/B, RFV-18-688A/B, CKV-18-689A/B, CKV-18-787A/B, 1-33-794, 2-33-797, FCV-62-1228, FCV-62-1229, CKV-67-513A/B, FCV-70-168, CKV-70-753, FCV-82-310, FSV-82-310-S, FCV-82-311, FSV-82-311-S, PCV-82-312A/B, PCV-82-313A/B, CKV-82-561, CKV-82-562, CKV-82-567, CKV-82-568, CKV-82-572, CKV-82-573, CKV-82-589, CKV-82-590, CKV-82-591, CKV-82-592, CKV-82-593, SPV-82-593, SPV-82-594, FCV-90-108, and FCV-90-109.

Enclosure