December 3, 2009

LICENSEE: Tennessee Valley Authority

FACILITY: Watts Bar Nuclear Power Plant, Unit 1.

SUBJECT: SUMMARY OF DECEMBER 1, 2009, PRE-APPLICATION MEETING WITH TENNESSEE VALLEY AUTHORITY REGARDING PROPOSED ALLOWED OUTAGE TIME ONE-TIME EXTENSION FOR THE CHILLER UPGRADE PROJECT AT WATTS BAR NUCLEAR PLANT, UNIT 1

On December 1, 2009, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Tennessee Valley Authority (TVA) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the TVA's pre-application proposed allowed outage time (AOT) one-time extension amendment request for a chiller upgrade project at Watts Bar Nuclear Plant (WBN), Unit 1.

A list of attendees is provided in Enclosure 1 and TVA's handouts provided at the meeting are included in Enclosure 2.

TVA gave a brief presentation including introductions, purpose of the pre-application meeting, the reason for the need for a chiller upgrade project, the plan for accomplishing the chiller upgrade project, and the proposed schedule for the chiller upgrade project.

TVA needs to replace the Train-A and Train-B Main Control Room (MCR) chillers and the Shutdown Board Room (SDBR) chillers due to Executive Order 13148 that requires all Federal Agencies to phase out procurement of Class 1 ozone-depleting refrigerants by December 31, 2010 (R-11 used in SDBR Chillers) and Clean Air Act requires production of R-22 refrigerant to be phased out by 2020 (MCR chillers).

TVA plans to perform the Chiller Upgrade Project in three phases. Phase 1 will be the replacement of Train-B SDBR chiller beginning on October 1, 2010, during WBN Unit 1 operation, and the Phase 1 work is estimated to take approximately 55 days. Phase 2 will be the replacement of Train-B MCR chiller beginning approximately December 1, 2010, during WBN Unit 1 operation, and the Phase 2 work is estimated to take approximately 62 days. Phase 3 will be the replacement of Train-A SDBR and MCR chillers beginning on October 1, 2011, during WBN Unit 1 operation, and the Phase 3 work is estimated to take approximately 68 days. TVA plans to complete all phases of the chiller upgrade project by December 20, 2011.

CONTACT: John G. Lamb, NRR
(301) 415-310

TVA proposes to request a one-time AOT extension from 30 days to 60 days for Technical Specification 3.7.11, “Control Room Emergency Air Temperature Control System,” while WBN Unit 1 is operating while provided specified compensatory measures are taken. TVA plans to install and maintain a temporary non-safety-related chilled water system.

TVA plans to submit the proposed amendment request by December 18, 2009, and TVA plans to request NRC approval by December 1, 2010.

No members of the public attended this meeting. There were no public comments received.

Please direct any inquiries to John G. Lamb, Senior Project Manager at (301) 415-3100 or jgl1@NRC.gov.

**/RA/**

John G. Lamb, Senior Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-390

Enclosures: 1. List of Attendees
2. TVA Handout

cc w/encls: See next page

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**/RA/**

John G. Lamb, Senior Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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cc w/encls: Distribution via Listserv
PUBLIC
LPWB Reading
RidsAcrsAcnw_MailCTR Resource
RidsNrrDraAadb Resource
RidsNrrDraApla Resource
RidsNrrDorl Resource
RidsNrrDorlLp-Wb Resource
RidsNrrDssSbpb Resource
RidsNrrDirsltsb Resource
RidsNrrPMWattsBar1 Resource
RidsNrrLABClayton Resource
RidsOgcRp Resource
RidsOpaMail Resource
RidsRgn2MailCenter Resource
RidsNrrDssScrb
RDennig, NRR/DSS/SCVB
DDiaz-Toro, OEDO
RHannah, OPA RII
HWalker, NRR/DSS/SCVB
VCusumano, NRR/DIRS/ITSB

Package Accession No.: ML093360557
Meeting Notice Accession No: ML093160010
Meeting Summary Accession No.: ML093360025
Handout Accession No.: Enclosure 2: ML093370027 NRC-001

| OFFICE | DORL/WBSP/PM | DORL/WBSP/LA | DORL/WBSP/BC |
|---|---|---|---|
| NAME | JLamb | BClayton | LRaghavan |
| DATE | 12/ 03 /09 | 12/ 03 /09 | 12/ 03 /09 |

OFFICIAL RECORD COPY

PRE-APPLICATION MEETING ATTENDEES

REGARDING PROPOSED ALLOWED OUTAGE TIME ONE-TIME EXTENSION

FOR THE CHILLER UPGRADE PROJECT

WATTS BAR NUCLEAR PLANT, UNIT 1

DECEMBER 1, 2009

| **NAME** | **COMPANY** |
|---|---|
| John G. Lamb | U.S. Nuclear Regulatory Commission (NRC) |
| Harold Walker | NRC |
| Victor Cusumano | NRC |
| | |
| R.M. Krich | Tennessee Valley Authority (TVA) |
| Kevin Casey | TVA |
| R.G. Mende | TVA |
| Housang Hemmati-Arass | TVA |