



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, DC 20555 - 0001

February 15, 2011

Administrative Judge  
Lawrence G. McDade, Chair  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Administrative Judge  
Paul B. Abramson  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Administrative Judge  
Gary S. Arnold  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

In the Matter of  
TENNESSEE VALLEY AUTHORITY  
(Watts Bar Nuclear Plant Unit 2)  
Docket No. 50-391-OL; ASLBP No. 09-893-01-OL-BD01

Dear Administrative Judges:

The NRC Staff hereby submits Supplement 13 to the hearing file for the Watts Bar Nuclear Plant (Unit 2) OL proceeding, Docket No. 50-391-OL.

Pursuant to the agreement of the parties, disclosures and the hearing file may be limited to final non-privileged documents relevant to the admitted contentions. Further, historical versions of the application need not be listed and privilege logs are waived.

This supplement to the hearing file includes materials required pursuant to 10 C.F.R. § 2.1203, as well as the Staff's mandatory disclosures produced pursuant to 10 C.F.R. § 2.336, as modified by the agreement. Materials in the hearing file may be accessed through the Agencywide Documents Access and Management System ("ADAMS"). An index containing the ADAMS accession number, date, and title or description of each item in the hearing file is appended hereto as Attachment 1. An index of documents protected due to proprietary or security concerns is appended as Attachment 2.

The Staff has taken a broad approach in identifying potentially-relevant documents for inclusion in the disclosures and hearing file. Additional public documents associated with the application, but not relevant to the admitted contention, are readily accessible in ADAMS. In addition,

L. McDade  
P. Abramson  
G. Arnold

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February 15, 2011

pursuant to the agreement of the parties, the Staff will continue to work with both parties to provide access to documents

On or around February 15, 2011, the supplement to the hearing file will be made available via the Electronic Hearing Docket ("EHD"), which may be accessed at the following URL: [http://ehd.nrc.gov/EHD\\_Proceeding/home.asp](http://ehd.nrc.gov/EHD_Proceeding/home.asp). The hearing file will be contained in a sub-folder entitled, "Watts Bar Hearing File" of the "Watts\_Bar\_50-391-OL" folder of the EHD.

Further, attached is the affidavit of Justin C. Poole certifying that all relevant materials required under the agreement of the parties by this section have been disclosed, and that the disclosures are accurate and complete for documents identified as of February 15, 2011.

Sincerely,

**/Signed (electronically) by/**

David E. Roth  
Counsel for NRC Staff

Enclosures: Attachment 1 – Hearing File Index  
Attachment 2 - Protected Index

Affidavit of Justin C. Poole

cc: Service List

**ATTACHMENT 1 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES**

**HEARING FILE INDEX**

**Supplemental Disclosures – February 15, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
13-0001	ML103400599	01/20/2011	Watts Bar Nuclear Plant, Unit 2 - Commercial Grade Dedication of Hardware and Software Used in the Post Accident Monitoring System Audit Report.
13-0002	ML103470681	01/11/2011	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Severe Accident Mitigation Alternatives Review.
13-0003	ML110070740	01/11/2011	01/21/2011 Reschedule Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Section 7 Instrumentation and Control Originally scheduled for 01/19/2011.
13-0004	ML110110272	01/27/2011	Watts Bar Nuclear Plant, Unit 2 - Status of Operating License Application Review.
13-0005	ML110110706	01/12/2011	01/20/2011 Rescheduled Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
13-0006	ML110140074	01/13/2011	Watts Bar, Unit 2, American Society of Mechanical Engineers Section XI, Preservice Inspection Program - Request to Use Subsequent Edition and Addenda of ASME Section XI Code for PSI Activities.
13-0007	ML110140197	01/14/2011	01/27/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
13-0008	ML110140346	01/12/2011	Watts Bar, Unit 2 - Submittal of Pre-Op Test Instructions.
13-0009	ML110210112	01/18/2011	Watts Bar Nuclear Plant, Unit 2, Submittal of Pre-op Test Instruction.
13-0010	ML110210400	01/21/2011	02/03/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
13-0011	ML110210471	01/21/2011	02/03/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Fire Protection Report.
13-0012	ML110210486	01/21/2011	Watts Bar Nuclear Plant, Unit 2 - Status of Regulatory Framework for the Completion of Construction and Licensing for Unit 2 - Revision 5 and Status of Generic Communications for Unit 2 - Revision 5.
13-0013	ML110250678	01/25/2011	Watts Bar, Unit 2 - Status of Unresolved Safety Issues.
13-0014	ML110260467	01/24/2011	Watts Bar Nuclear Plant, Unit 2 - Final Safety Analysis Report (FSAR), Section 2.4, "Hydrologic Engineering".

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<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
13-0015	ML110270108	01/27/2011	Watts Bar, Unit 2, Change to Developmental Technical Specification (TS) Section 3.1.8, "Rod Position Indication."
13-0016	ML110280128	02/09/2011	Watts Bar Nuclear Plant, Unit 2, Request for Additional Information, Regarding Final Safety Analysis Report Amendment Related to Section 9.5.1 "Fire Protection System."
13-0017	ML110280154	01/28/2011	02/10/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
13-0018	ML110310633	02/04/2011	02/14/2011 Notice of Meeting with Tennessee Valley Authority Regarding Status of Construction and Licensing of Watts Bar Nuclear Plant, Unit 2.
13-0019	ML110330490	02/04/2011	02/17/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
13-0020	ML110340040	01/31/2011	Watts Bar Nuclear Plant, Unit 2 - Request For Additional Information (RAI) Regarding Individual Plant Examination.
13-0021	ML110341601	02/04/2011	02/15/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Fire Protection Report.
13-0022	ML110390197	01/31/2011	NUREG-0847, Suppl. 22, "Safety Evaluation Report, Related to the Operation of Watts Bar Nuclear Plant, Unit 2."
13-0023	ML110400383	02/07/2011	Submittal of "Hydrothermal Effects on Ichthyoplankton from Watts Bar Nuclear Plant Supplemental Condenser Cooling Water Outfall in Upper Chickamauga Reservoir," Report.
13-0024	ML110400384	02/07/2011	Enclosure 1, "Hydrothermal Effects on the Ichthyoplankton from Watts Bar Nuclear Plant Supplemental Condenser Cooling Water Outfall in Upper Chickamauga Reservoir".
13-0025	ML110400385	02/07/2011	Enclosure 2, Appendix A, "Hydrothermal Effects on the Ichthyoplankton from the Watts Bar Nuclear Plant Supplemental Condenser Cooling Water Outfall in Upper Chickamauga Reservoir".
13-0026	ML110400386	02/07/2011	Drawings HPMZ3 Figure 24-A Through 52-A.
13-0027	ML110400646	02/08/2011	2011/02/08 Watts Bar 2 OL - FW: NRC Bucket List 2/10/11
13-0028	ML110400647	02/02/2011	2011/02/02 Watts Bar 2 OL - RE: NRC I&C RAI metrics

**ATTACHMENT 1 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES**

**HEARING FILE INDEX**

**Supplemental Disclosures – February 15, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
13-0029	ML110400648	02/02/2011	2011/02/02 Watts Bar 2 OL - FW: 20110128 Open Item List Master TVA Update 02-02-11.docx
13-0030	ML110400651	01/28/2011	2011/01/28 Watts Bar 2 OL - FW: Updated OI List
13-0031	ML110400652	01/28/2011	2011/01/28 Watts Bar 2 OL - Additional topic for our 2/3 meeting with TVA
13-0032	ML110400654	01/28/2011	2011/01/28 Watts Bar 2 OL - FW: NRC Bucket List 1/27/11
13-0033	ML110400655	01/27/2011	2011/01/27 Watts Bar 2 OL - Proposed Agenda.doc
13-0034	ML110400657	01/21/2011	2011/01/21 Watts Bar 2 OL - FW: Updated OI List
13-0035	ML110400658	01/19/2011	2011/01/19 Watts Bar 2 OL - FW: NRC Bucket List
13-0036	ML110400659	01/18/2011	2011/01/18 Watts Bar 2 OL - FW: 20110107 Open Item List Master TVA Update 01-07-11.docx
13-0037	ML110400660	01/18/2011	2011/01/18 Watts Bar 2 OL - NRC I&C RAI metrics
13-0038	ML110400748	01/14/2011	2011/01/14 Watts Bar 2 OL - FW: Updated OI List
13-0039	ML110400749	01/14/2011	2011/01/14 Watts Bar 2 OL - Draft Open Item RAIs on Chapters 8 and 3.11
13-0040	ML110400750	01/11/2011	2011/01/11 Watts Bar 2 OL - GSI-199
13-0041	ML110410680	02/09/2011	IR 05000391-10-605, on 10/01/10 - 12/31/10, Tennessee Valley Authority.
13-0042	ML110420603	02/10/2011	2011/02/10 Watts Bar 2 OL - FW: NRC RAI Matrix Question
13-0043	ML110420604	02/10/2011	2011/02/10 Watts Bar 2 OL - TVA letter to NRC_02-10-11_FSAR RAI Responses_CVCS Inadvertent Op
13-0044	ML110420605	02/09/2011	2011/02/09 Watts Bar 2 OL - FW: 20110204 Open Item List Master TVA Update 02-08-11.docx
13-0045	ML110420606	02/09/2011	2011/02/09 Watts Bar 2 OL - Draft RAI for Chapters 11 and 12
13-0046	ML110420607	02/08/2011	2011/02/08 Watts Bar 2 OL - FW: Question re: RG 1.41
13-0047	ML110420608	02/08/2011	2011/02/08 Watts Bar 2 OL - TVA letter to NRC_2-7-11_Hydrothermal Effects on the Ichthyoplankton Report
13-0048	ML110420609	01/31/2011	2011/01/31 Watts Bar 2 OL - TVA letter to NRC_1-31-11_IPE COMMITMENT RESPONSE
13-0049	ML110420610	01/27/2011	2011/01/27 Watts Bar 2 OL - FW: TVA letter to NRC_1-27-11_TS 3.1.8
13-0050	ML110420611	01/25/2011	2011/01/25 Watts Bar 2 OL - 1-25-11_Ltr to NRC_Unresolved Safety Issues Status
13-0051	ML110420613	01/24/2011	2011/01/24 Watts Bar 2 OL - : 1-24-11_WBN U2 FSAR Section 2.4 letter--NRC ccs
13-0052	ML110430001	01/24/2011	2011/01/24 Watts Bar 2 OL - FW: call summary WBN Unit 2

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<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
13-0053	ML110430002	01/21/2011	2011/01/21 Watts Bar 2 OL - TVA letter to NRC_01-21-11_Reg Framework Submittal Rev 5
13-0054	ML110430003	01/18/2011	2011/01/18 Watts Bar 2 OL - TVA letter to NRC_01-18-11_2-PTI-030G-01 transmittal to NRC
13-0055	ML110430004	01/14/2011	2011/01/14 Watts Bar 2 OL - FW: TVA letter to NRC_1-13-11_ASME Sec XI Code Request for PSI Activities
13-0056	ML110430005	01/12/2011	2011/01/12 Watts Bar 2 OL - TVA letter to NRC_01-12-11_2-PTI-074-01 & 2-PTI-077-01 transmittal to NRC
13-0057	ML110450317	02/10/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR) - Response to Requests for Additional Information.
13-0058	ML110450495	02/10/2011	Watts Bar Nuclear Plant (WBN), Unit 2 - Submittal of Pre-op Test Instructions.
13-0059	ML110460050	02/08/2011	2011/02/08 Watts Bar 2 OL - Questions on documents to support Common Q Audit
13-0060	ML110460064	02/10/2011	2011/02/10 Watts Bar 2 OL - TVA letter to NRC_02-10-11_2-PTI-003B-06 & 2-PTI-067-02 transmittal to NRC

**ATTACHMENT 2 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES**

**PROTECTED FILE INDEX**

**Supplemental Disclosures – February 15, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Comment</b>	<b>Title</b>
13-P001	ML110140496	01/12/2011	Emergency Planning	Watts Bar, Units 1 and 2, Revision 30 to Emergency Plan Implementing Procedure EPIP-7, "Activation and Operation of the Operations Support Center (OSC)," and Revision 28 to EPIP-12, "Emergency Equipment and Supplies."
13-P002	ML110200372	01/14/2011	Fire Protection	Watts Bar, Unit 2, Fire Protection Program - Commitment to Correct Administrative Deficiencies Contained in Parts V and VI of Fire Protection Report and Re-submit.
13-P003	ML110200381	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part III - Safe Shutdown Capabilities.
13-P004	ML110200382	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part I - Introduction.
13-P005	ML110200383	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part II - Fire Protection Plan.
13-P006	ML110200384	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part IV - Alternative Shutdown Capability.
13-P007	ML110200385	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part IX - Appendix R Compliance Matrix.
13-P008	ML110200399	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part V - Manual Actions, Repairs, and Emergency Lighting.
13-P009	ML110200400	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Table of Contents through Section 3.1.13.16.
13-P010	ML110200401	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.2 through Section 3.11.
13-P011	ML110200402	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.12 through Section 3.14.
13-P012	ML110200403	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.15 through Section 3.20.
13-P013	ML110200413	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.21 through 3.30.
13-P014	ML110200414	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.31 through 3.37.

**ATTACHMENT 2 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES**

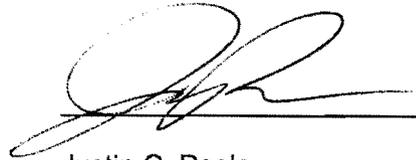
**PROTECTED FILE INDEX**

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<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Comment</b>	<b>Title</b>
13-P015	ML110200415	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.38 through 3.40.
13-P016	ML110200416	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.41 through 3.54.
13-P017	ML110200417	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.55 through 3.66.
13-P018	ML110200426	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.67 through 3.70.
13-P019	ML110200427	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VI - Fire Hazards Analysis, Section 3.71 through Table 6-3.
13-P020	ML110200428	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VII - Deviations and Evaluations.
13-P021	ML110200429	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report, Part VIII - Conformance To Appendix A To BTP 9.5-1 Guidelines.
13-P022	ML110200430	01/14/2011	Fire Protection	Watts Bar, Unit 2, Revised Fire Protection Report - Part X - NFPA Code Evaluation.
13-P023	ML110260468	01/24/2011	Security	Enclosure 1 - Proposed Changes to Unit 2 FSAR Section 2.4, "Hydrologic Engineering.
13-P024	ML110310406	01/27/2011	Emergency Planning	Browns Ferry, Units 1, 2, & 3, Sequoyah and Watts Barr, Units 1 & 2 - Revision 17 to Emergency Plan Implementing Procedure, CECC EPIP-19, "Post Accident Care Damage Assessment."
13-P025	ML110310573	01/27/2011	Emergency Planning	Watts Bar, Units 1 & 2, Emergency Plan Implementing Procedure EPIP-2, Rev. 29, EPIP-3, Rev. 32, EPIP-4, Rev. 32 and EPIP-5, Rev 38.
13-P026	ML110340222	01/31/2011	Emergency Planning	Watts Bar, Units 1 and 2 - Revision 39 to Emergency Plan Implementing Procedure EPIP-6, "Activation and Operation of the Technical Support Center (TSC)".



3. I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge, information and belief.

A handwritten signature in black ink, appearing to read 'Justin C. Poole', written over a horizontal line.

Justin C. Poole

Executed in Rockville, Maryland  
this 15th day of February, 2011

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of )  
 )  
TENNESSEE VALLEY AUTHORITY ) Docket No. 50-391-OL  
 )  
(Watts Bar Nuclear Plant, Unit 2) )

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing "NRC STAFF'S SUPPLEMENTAL DISCLOSURE, INCLUDING HEARING FILE INDEX, PROTECTED INDEX, AND AFFIDAVIT OF JUSTIN C. POOLE," dated February 15, 2011, have been served upon the following by the Electronic Information Exchange, this 15<sup>th</sup> day of February, 2011:

Administrative Judge  
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Atomic Safety and Licensing Board Panel  
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Administrative Judge  
Paul B. Abramson  
Atomic Safety and Licensing Board Panel  
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Administrative Judge  
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**/Signed (electronically) by/**

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Signed: February 15, 2011