



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

February 15, 2012

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 25 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, 2012

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, 2012, 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://adams.nrc.gov/ehd/>. 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, 2012.

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, 2012

ID#	Accession Number	Document Date	Title
25-001	ML120190571	01/20/2012	02/02/2012 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Submittals.
25-002	ML12018A404	12/06/2011	2011/12/06 Watts Bar 2 OL - WATTS BAR 2 APPENDIX HH Status 12-06-11.docx
25-003	ML12018A466	12/12/2011	2011/12/12 Watts Bar 2 OL - DRAFT Request for Additional Information Regarding Open Item 98
25-004	ML12013A038	12/12/2011	2011/12/12 Watts Bar 2 OL - NRC PM Open Items List 12-13-11.docx
25-005	ML12018A465	12/12/2011	2011/12/12 Watts Bar 2 OL - Watts Bar hearing emails for November
25-006	ML12018A464	12/13/2011	2011/12/13 Watts Bar 2 OL - FW: NRC PM Open Items List 12-16-11.docx
25-007	ML12018A463	12/21/2011	2011/12/21 Watts Bar 2 OL - FW: EPA's comments on the DFEIS Related to the Operation of Watts Bar Nuclear Plant...
25-008	ML12018A397	12/21/2011	2011/12/21 Watts Bar 2 OL - Tennessee DOT - No Comment Letter
25-009	ML12018A462	12/21/2011	2011/12/21 Watts Bar 2 OL - TVA letter to NRC_12-20-2011_Regulatory Framework Submittal Letter Rev 7
25-010	ML12018A408	12/22/2011	2011/12/22 Watts Bar 2 OL – NRC PM Open Items List 1-3-12
25-011	ML12018A411	12/22/2011	2011/12/22 Watts Bar 2 OL - TVA letter to NRC_12-22-11_2-PTI-099-04 transmittal to NRC
25-012	ML12018A410	12/22/2011	2011/12/22 Watts Bar 2 OL - TVA letter to NRC_12-22-2011_I&C RAI Response
25-013	ML12018A407	12/29/2011	2011/12/29 Watts Bar 2 OL – Transcripts from Public Comment Meeting Held on 12/08/2011 Related to Draft Final Environmental Statement
25-014	ML12018A403	01/03/2012	2012/01/03 Watts Bar 2 OL - NRC PM Open Items List 01-04-12.docx

**ATTACHMENT 1 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES****HEARING FILE INDEX****Supplemental Disclosures – February 15, 2012**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
25-015	ML12018A402	01/03/2012	2012/01/03 Watts Bar 2 OL - RE: Additional Questions on Appendix HH Item 98
25-016	ML12018A401	01/04/2012	2012/01/04 Watts Bar 2 OL - NRC PM Open Items List 01-05-12.docx
25-017	ML12013A037	01/05/2012	2012/01/05 Watts Bar 2 OL - NRC PM Open Items List 01-06-12.docx
25-018	ML12018A398	01/06/2012	2012/01/06 Watts Bar 2 OL - NRC PM Open Items List 01-09-12 (2).docx
25-019	ML12018A400	01/06/2012	2012/01/06 Watts Bar 2 OL - SACE opposition to TVA motion documents
25-020	ML12023A199	01/12/2012	2012/01/12 Watts Bar 2 OL - TVA letter to NRC_01-12-12 Boron Dilution Response
25-021	ML12023A198	01/12/2012	2012/01/12 Watts Bar 2 OL - Updated HH Open Item Status Lists
25-022	ML12023A197	01/16/2012	2012/01/16 Watts Bar 2 OL - NRC PM Open Items List 01-17-12.docx
25-023	ML12023A194	01/18/2012	2012/01/18 Watts Bar 2 OL - FW: Updated HH Open Item Status Lists
25-024	ML12023A195	01/18/2012	2012/01/18 Watts Bar 2 OL - NRC PM Open Items List 01-19-12.docx
25-025	ML12023A200	01/18/2012	2012/01/18 Watts Bar 2 OL - TVA letter to NRC_01-17-12_2-PTI-030L-01 transmittal to NRC
25-026	ML12023A192	01/19/2012	2012/01/19 Watts Bar 2 OL - NRC PM Open Items List 01-20-12.docx
25-027	ML12023A191	01/19/2012	2012/01/19 Watts Bar 2 OL - TVA letter to NRC_01-19-2012_I&C RAI Response
25-028	ML12023A189	01/20/2012	2012/01/20 Watts Bar 2 OL - NRC PM Open Items List 01-23-12.docx
25-029	ML12023A185	01/23/2012	2012/01/23 Watts Bar 2 OL - FW: Comments and Recommendations on the Draft Supplemental Environmental Impact Statement (SEIS) Related to the Operation of Watts Bar Nuclear Plant, Unit 2, Supplement 2 in Rhea County, TN - ER 11-1021

**ATTACHMENT 1 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES****HEARING FILE INDEX****Supplemental Disclosures – February 15, 2012**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
25-030	ML12023A186	01/23/2012	2012/01/23 Watts Bar 2 OL - NRC PM Open Items List 01-24-12.docx
25-031	ML12030A013	01/24/2012	2012/01/24 Watts Bar 2 OL - Draft Questions on Technical Specifications
25-032	ML12030A014	01/24/2012	2012/01/24 Watts Bar 2 OL - FW: Request for Meeting
25-033	ML12030A016	01/24/2012	2012/01/24 Watts Bar 2 OL - FW: Request for Meeting
25-034	ML12030A017	01/24/2012	2012/01/24 Watts Bar 2 OL - NRC PM Open Items List 01-25-12.docx
25-035	ML12030A018	01/26/2012	2012/01/26 Watts Bar 2 OL - RE: Comments on draft Supplement 2 to the Final Environmental Statement Related to the Operation of Watts Bar Unit 2
25-036	ML12030A019	01/26/2012	2012/01/26 Watts Bar 2 OL - Talking point for the meeting on Feb 2
25-037	ML12045A038	01/27/2012	2012/01/27 Watts Bar 2 OL – Comments on Watts Bar 2 DFES from SACE
25-038	ML12030A020	01/27/2012	2012/01/27 Watts Bar 2 OL - Updated Appendix HH Open Item status list
25-039	ML12030A021	01/30/2012	2012/01/30 Watts Bar 2 OL - NRC PM Open Items List 01-30-12 .docx
25-040	ML12045A037	01/30/2012	2012/01/30 Watts Bar 2 OL - NRC PM Open Items List 01-31-12 .docx
25-041	ML12045A039	01/30/2012	2012/01/30 Watts Bar 2 OL - Talking points for the meeting on Thursday
25-042	ML12045A040	02/01/2012	2012/02/01 Watts Bar 2 OL - FW: Docket ID NRD-2008-0369 - Comments to NRC on Draft SFES - WBN Unit 2
25-043	ML12045A033	02/01/2012	2012/02/01 Watts Bar 2 OL - NRC PM Open Items List 02-03-12 .docx
25-044	ML12045A030	02/02/2012	2012/02/02 Watts Bar 2 OL - TVA letter to NRC_02-01-2012_I&C RAI Response

**ATTACHMENT 1 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES****HEARING FILE INDEX****Supplemental Disclosures – February 15, 2012**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
25-045	ML12045A035	02/02/2012	2012/02/02 Watts Bar 2 OL - WBN2 - Construction Refurbishment
25-046	ML12045A027	02/03/2012	2012/02/03 Watts Bar 2 OL - NRC PM Open Items List 02-06-12 .docx
25-047	ML12045A024	02/07/2012	2012/02/07 Watts Bar 2 OL - NRC PM Open Items List 02-08-12 .docx
25-048	ML12045A026	02/08/2012	2012/02/08 Watts Bar 2 OL - TVA letter to NRC_02-07-12_2-PTI-030J-02; 2-PTI-063-02; 2-PTI-099-08 transmittal to NRC
25-049	ML12019A272	01/17/2012	2-PTI-030L-01, Rev. 0, "Watts Bar Nuclear Plant (WBN) Unit 2 - Submittal of Pre-op Test Instruction."
25-050	ML12018A214	12/22/2011	Attachment 3 - TVA Calculation EPM-MCP-071689, "Cooling/Heating Load & Equipment/Component Performance Analysis for the Control Building Electrical Board Room Areas (EL. 692.0 & 708.0)," Revision 21. (Letter Item 4, SSER 23 Appendix HH Item Number 108).
25-051	ML12018A215	08/14/2011	Attachment 4 - TVA Calculation EPM-LCP-072489, "Cooling and Heating Load Analysis, Main Control Room HVAC," Revision 14 (Letter Item 4, SSER 23 Appendix HH Item Number 108).
25-052	ML12018A216	02/28/2011	Attachment 6 - WEC Non-Proprietary Document EQ-QR-68-WBT-NP, "Qualification Summary Report for Post-Accident Monitoring System (PAMS)," Revision 0 (Letter Item 4, SSER 23 Appendix HH Item Number 108).
25-053	ML12018A217	11/22/2011	Attachment 8 - TVA Design Criteria Document WB-DC-40-24, "Radiation Monitoring (Unit 1 /Unit 2)," Revision 24, dated November 30, 2011 (Letter Item 6).
25-054	ML12012A113	01/04/2012	Comment (3) by Anonymous Individual Opposing Draft Supplement 2 to FEIS re Operations of Watts Bar Unit 2.
25-055	ML12030A100	01/24/2012	Comment (4) of Diane Curran, on Behalf of Southern Alliance for Clean Energy, on Environmental Impact Statement Related to the Operation of Watts Bar Nuclear Plant, Unit 2.

**ATTACHMENT 1 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES****HEARING FILE INDEX****Supplemental Disclosures – February 15, 2012**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
25-056	ML12040A052	01/27/2012	Comment (5) of Brenda E. Brickhouse of Tennessee Valley Authority on the Draft Supplement 2 to Final Environmental Statement Related to the Operation of Watts Bar Nuclear Plant, Unit 2.
25-057	ML12034A202	02/03/2012	IR 05000391-11-610, on 12/31/2011, Watts Bar Nuclear Plant, Unit 2, Construction-NRC Integrated Inspection.
25-058	ML12011A024	11/30/2011	NUREG-0847, Supp. 25, "Safety Evaluation Report, Related to the Operation of Watts Bar Nuclear Plant, Unit 2".
25-059	ML12041A393	02/07/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - Submittal of Pre-op Test Instructions.
25-060	ML12018A213	12/22/2011	Watts Bar Nuclear Plant, Unit 2 - Instrumentation and Controls Staff Information Requests.
25-061	ML120050183	01/19/2012	Watts Bar Nuclear Plant, Unit 2 - Request for Relief Regarding Use of American Society of Mechanical Engineers Boiler & Pressure Vessel Code Cases N-801 & N-802 (TAC No. ME7063).
25-062	ML12005A228	01/18/2012	Watts Bar Nuclear Plant, Unit 2 - Status of Operating License Application Review Regarding Fire Protection Program (TAC NO. ME2731).
25-063	ML12034A164	02/01/2012	Watts Bar, Unit 2 - Instrumentation and Controls Staff Information Requests.
25-064	ML12011A044	09/01/2011	Watts Bar, Unit 2 - Relief Request to Use American Society of Mechanical Engineers (ASME) Code Cases N-801 and N-802.
25-065	ML12018A315	01/12/2012	Watts Bar, Unit 2, Final Safety Analysis Report - Chapter 15.2.4 Inadvertent Boron Dilution.
25-066	ML12034A166	01/31/2012	Watts Bar, Unit 2, WBT-D-3753 NP-Enclosure - Clarification of Dielectric Withstand Testing in Response to WNA-CN-00157-WBT.
25-067	ML12009A072	12/27/2011	Watts Bar, Units 1 and 2, Notification of National Pollutant Discharge Elimination System Permit Modification.

**ATTACHMENT 2 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES****PROTECTED FILE INDEX****Supplemental Disclosures – February 15, 2012**

<b>ID #</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
25-P001	ML12018A218	02/28/2011	Proprietary	Attachment 5 - WEC proprietary Document EQ-QR-68-WBT-P, "Qualification Summary Report for Post-Accident Monitoring System (PAMS)," Revision 0 (Letter Item 4, SSER 23 Appendix HH Item Number 108).
25-P002	ML12034A167	01/31/2012	Proprietary	Watts Bar, Unit 2 - WBT-D-3753 P-Enclosure - Clarification of Dielectric Withstand Testing in Response to WNA-CN-00157-WBT.
25-P003	ML12030A012	01/24/2012	Fire-Protection	2012/01/24 Watts Bar 2 OL - FW: WBN Unit 2 Appendix R Deviation Request
25-P004	ML12026A820	01/25/2012	Security-Related	Assessment Follow Up Letter For Security - Watts Bar Nuclear Plant.



February 15, 2012

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)	)	

AFFIDAVIT OF JUSTIN C. POOLE CONCERNING  
MANDATORY DISCLOSURE REQUIREMENT OF 10 C.F.R. § 2.336(b)

I, Justin C. Poole, do hereby state as follows:

1. I am employed as Senior Project Manager, Watts Bar Special Projects Branch, in the Division of Operator Reactor Licensing in the U.S. Nuclear Regulatory Commission's ("NRC") Office of Nuclear Reactor Regulation. My responsibilities include oversight of the NRC Staff's review and evaluation of the Watts Bar Nuclear Plant, Unit 2 operating license application ("OLA"). Among other things, I am managing the preparation of the hearing file and mandatory disclosures in connection with the OLA at issue in this proceeding.

2. I hereby certify that all relevant materials required to be disclosed pursuant to 10 C.F.R. §§ 2.336 and 2.1203, as modified by the parties' agreement of December 1, 2009, have been disclosed, and that the disclosures are accurate and complete for documents identified as of February 15, 2012.

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

**/Signed (electronically) by/**

Justin C. Poole  
Senior Project Manager,  
NRR/DORL/LPWB  
U.S. Nuclear Regulatory  
Commission  
Washington, DC 20005  
Telephone: (301)415-2048  
E-mail: [Justin.Poole@nrc.gov](mailto:Justin.Poole@nrc.gov)

Executed in Rockville, Maryland  
this 15th day of February, 2012

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, 2012, have been served upon the following by the Electronic Information Exchange, this 15<sup>th</sup> day of February, 2012:

Administrative Judge  
Lawrence G. McDade, Chair  
Atomic Safety and Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
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Administrative Judge  
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**/Signed (electronically) by/**

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Signed: February 15, 2012