

January 18, 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 12 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, pursuant to the agreement of the parties, the Staff will continue to work with both parties to provide access to documents

L. McDade
P. Abramson
G. Arnold

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January 18, 2011

On or around January 18, 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. 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 January 18, 2011.

Sincerely,

Signed (electronically) by

Andrea Z. Jones
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 – January 18, 2011**

ID#	Accession Number	Document Date	Title
12-0001	ML103440526	12/14/2010	12/20/2010 Reschedule Teleconference Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Section 7 Instrumentation and Control.
12-0002	ML103480026	01/03/2011	Watts Bar Nuclear Plant, Unit 2 - Notification of the Delays in Completing the Operating License Application Review Due to Processing the Associated Environmental Review.
12-0003	ML103480708	12/10/2010	Watts Bar, Unit 2 - Final Safety Analysis Report - Response to Requests for Additional Information.
12-0004	ML103510694	12/14/2010	Watts Bar Nuclear Plant (WBN) Unit 2 - Refurbishment Program and Licensing Basis Preservation Self Assessments.
12-0005	ML103540177	12/20/2010	01/06/2011 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.
12-0006	ML103540426	12/20/2010	01/13/2011 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.
12-0007	ML103540560	12/17/2010	Watts Bar, Unit 2 - Safety Evaluation Report Supplement 22 (SSER22) - Response to Requests for Additional Information.
12-0008	ML103570133	07/30/2010	Watts Bar, Unit 2, Response to Request for Additional Information Regarding the Safety Evaluation Report for 10 CFR 70 License Application (TAC L32918).
12-0009	ML103610114	12/21/2010	Watts Bar Nuclear Plant (WBN) Unit 2 - Submittal of Pre-op Test Instruction.
12-0010	ML103610285	12/21/2010	Watts Bar, Unit 2, Final Safety Analysis Report (FSAR), Section 9.1 "Fuel Storage and Handling."
12-0011	ML103610286	12/21/2010	Watts Bar Nuclear Plant (WBN) Unit 2 - Final Safety Analysis Report (FSAR) - Response to Request for Additional Information.
12-0012	ML103640220	12/03/2010	Watts Bar Nuclear Plant (WBN), Unit 2 - Instrumentation and Controls Staff Information Requests.
12-0013	ML103640221	11/30/2010	WCAP-17351-NP, Revision 0, "Post Accident Monitoring System - Common Q Software Requirements Specification."
12-0014	ML103640222	03/31/2009	EQ-EV-39-WBT-NP, Rev. 1, "Seismic Evaluation of Nuclear Instrumentation System Console 2-M-13 with Gammametrics Equipment for Watts Bar Unit 2."

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

HEARING FILE INDEX

Supplemental Disclosures – January 18, 2011

ID#	Accession Number	Document Date	Title
12-0015	ML110050181	01/05/2011	01/20/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related Section 7 Instrumentation and Control.
12-0016	ML110050512	01/06/2011	01/19/2011-Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Fire Protection Report Submittal.
12-0017	ML110060366	01/03/2011	2011/01/03 Watts Bar 2 OL - NRC I&C RAI metrics
12-0018	ML110060368	01/04/2011	2011/01/04 Watts Bar 2 OL - FW: TVA letter to NRC_2011-01-04_Submittal of Mussel Survey Report
12-0019	ML110060510	01/04/2011	Watts Bar, Unit 2, Response to Request for Additional Information Regarding Environmental Review (TAC No. MD8203).
12-0020	ML110070253	12/14/2010	2010/12/14 Watts Bar 2 OL - 12-14-10_Refurb Program and Lic Basis Preservation Self Assessments_FINAL.pdf
12-0021	ML110070254	12/14/2010	2010/12/14 Watts Bar 2 OL - FW: 50911A 50.59.pdf - Adobe Acrobat Standard
12-0022	ML110070255	12/14/2010	2010/12/14 Watts Bar 2 OL - FW: Updated RAI Matrix
12-0023	ML110070322	12/17/2010	2010/12/17 Watts Bar 2 OL - NRC PM Open Items List 12-16-10
12-0024	ML110070325	12/17/2010	2010/12/17 Watts Bar 2 OL - TVA letter to NRC_12-17-10_SSER22 RAI Response
12-0025	ML110070327	12/17/2010	2010/12/17 Watts Bar 2 OL - TVA letter to NRC_12-17-10_WBN U2 FSAR A102
12-0026	ML110070328	12/20/2010	2010/12/20 Watts Bar 2 OL - FW: Date of TVA Document
12-0027	ML110070330	12/20/2010	2010/12/20 Watts Bar 2 OL - FW: 20101203 Open Item List MasterTVA Update 12-14-10r2.docx
12-0028	ML110070331	12/30/2010	2010/12/30 Watts Bar 2 OL - For Your Action: Doc. w/CD - Watts Bar Unit 2 - Final Safety Analysis Report (FSAR) Amendment 102.
12-0029	ML110070335	01/03/2011	2011/01/03 Watts Bar 2 OL - FW: Update NRC I&C Matrix
12-0030	ML110070336	12/22/2010	2010/12/22 Watts Bar 2 OL - NRC PM Open Items List 12-22-10
12-0031	ML110070337	12/22/2010	2010/12/22 Watts Bar 2 OL - NRC PM Open Items List 12-22-10
12-0032	ML110070339	12/22/2010	2010/12/22 Watts Bar 2 OL - TVA letter to NRC_12-21-10_12-21-10_WBN U2 FSAR Section 9.1
12-0033	ML110070340	12/21/2010	2010/12/21 Watts Bar 2 OL - TVA letter to NRC_12-21-10_2-PTI-031B-01 transmittal to NRC
12-0034	ML110100647	01/07/2011	2011/01/07 Watts Bar 2 OL - FW: Updated OI List

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ID#	Accession Number	Document Date	Title
12-0035	ML110100648	12/21/2010	2010/12/21 Watts Bar 2 OL - TVA letter to NRC_12-21-10_FSAR RAI Response - Core Differences
12-0036	ML110100650	12/22/2010	2010/12/22 Watts Bar 2 OL - TVA letter to NRC_12-22-10_I&C RAI Response
12-0037	ML110110305	11/30/2010	2010/11/30 Watts Bar 2 OL - RE: NPDES Permit for Watts Bar Nuclear Plant

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

PROTECTED FILE INDEX

Supplemental Disclosures – January 18, 2011

ID#	Accession Number	Document Date	Comment	Title
12-P001	ML103480709	12/10/2010	Proprietary	Enclosure 1, Response to RAIs Regarding Unit 2 FSAR, Watts Bar Nuclear Plant, Cover Page through Calculation WBNTSR114, Rev 2, Map 6.
12-P002	ML103480710	12/10/2010	Proprietary	Enclosure 1, Response to RAIs Regarding Unit 2 FSAR, Watts Bar Nuclear Plant, Calculation WBNTSR114, Rev 2, Map 7, through Enclosure 6, List of New Regulatory Commitments.
12-P003	ML103540561	12/17/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Individual Plant Examination of External Events Design Report (IPEEE) - Response to Requests for Additional Information.
12-P004	ML103570374	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report.
12-P005	ML103570375	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part I - Introduction.
12-P006	ML103570376	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part II - Fire Protection Plan.
12-P007	ML103570377	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part III - Safe Shutdown Capabilities.
12-P008	ML103570378	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part IV - Alternate Shutdown Capability.
12-P009	ML103570379	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part V - Manual Actions, Repairs, and Emergency Lighting.
12-P010	ML103570380	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part VI - Fire Hazards Analysis.
12-P011	ML103570382	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part VII - Deviations and Evaluations.

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ID#	Accession Number	Document Date	Comment	Title
12-P012	ML103570383	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part VIII - Conformance to Appendix A to BTP 9.5-1 Guidelines.
12-P013	ML103570384	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part IX - Appendix R Compliance Matrix.
12-P014	ML103570385	12/18/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Submittal of Revised Fire Protection Report, Part X - NFPA Code Evaluation.
12-P015	ML103640217	11/30/2010	Proprietary	WNA-PT-00138, WBT, Rev. 0, "Nuclear Automation Watts Bar 2 NSSS Completion Program. I&C Projects, Post Accident Monitoring System Test Plan."
12-P016	ML103640219	11/30/2010	Proprietary	WNA-TP-02988-WBT, Rev. 0, "Nuclear Automation Watts Bar Unit 2 NSSS Completion Program I&C Projects, Post Accident Monitoring System Channel Integration Test/Factory Acceptance Test."
12-P017	ML103640223	11/29/2010	Proprietary	TVA Calculation WCGACQ1114, Revision 0, "Seismic Qualification of Panels 2-L-11A and 2-L-11B Bailey Section," dated November 29, 2010.
12-P018	ML103640224	11/30/2010	Proprietary	WCAP-17351-P, Revision 0, "Post Accident Monitoring System - Common Q Software Requirements Specification."
12-P019	ML103640225	03/31/2009	Proprietary	EQ-EV-39-WBT-P, Rev. 1, "Seismic Evaluation of Nuclear Instrumentation System Console 2-M-13 with Gammametrics Equipment for Watts Bar Unit 2." dated March 2009.
12-P020	ML103640226	11/30/2010	Proprietary	WNA-VR-00283-WBT, Rev. 1, "Nuclear Automation Watts Bar Unit 2 NSSS Completion Program, I&C Projects, IV&V Summary Report for the Post Accident Monitoring System."
12-P021	ML103640227	11/30/2010	Proprietary	WNA-VR-00283-WBT, Rev. 2, "Nuclear Automation, Watts Bar 2 NSSS Completion Program, I&C Projects, IV&V Summary Report for the Post Accident Monitoring System."

ATTACHMENT 2 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES**PROTECTED FILE INDEX****Supplemental Disclosures – January 18, 2011**

ID#	Accession Number	Document Date	Comment	Title
12-P022	ML103640228	12/31/2010	Proprietary	WNA-LI-00058-WBT-P, Rev. 2, "Post-Accident Monitoring System (PAMS) Licensing Technical Report."
12-P023	ML110060493	12/20/2010	Security (Fire Protection) Withheld under 2.390	Watts Bar, Unit 2 - Fire Protection Program - Request for Additional Information Regarding the Supporting Documents Provided for the Fire Protection Report Amendments.
12-P024	ML110100637	12/21/2010	Security (Fire Protection) Withheld under 2.390	2010/12/21 Watts Bar 2 OL - TVA letter to NRC_12-20-10_Fire Protection Report RAI Summary of FPR Chgs
12-P025	ML110100638	12/18/2010	Security (Fire Protection) Withheld under 2.390	2010/12/18 Watts Bar 2 OL - TVA letter to NRC_12-18-10_Fire Protection Program_Revised Fire Protection Report
12-P026	ML110100640	12/17/2010	Security (Fire Protection) Withheld under 2.390	2010/12/17 Watts Bar 2 OL - TVA letter to NRC_12-17-10_IPEEE RAI Responses

January 18, 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))	

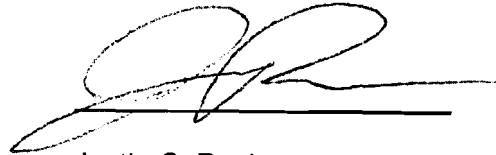
AFFIDAVIT OF JUSTIN C. POOLE CONCERNING
MANDATORY DISCLOSURE REQUIREMENT OF 10 C.F.R. § 2.336(b)

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

1. I am employed as 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 January 18, 2011.

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 'JP', is written over a solid horizontal line.

Justin C. Poole

Executed in Rockville, Maryland
this 18th day of January, 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 January 18, 2011, have been served upon the following by the Electronic Information Exchange, this 18th day of January, 2011:

Administrative Judge
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Signed (electronically) by

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Signed: January 18, 2011