



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

August 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 18 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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August 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 August 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. 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 August 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 – August 15, 2011

ID#	Accession Number	Document Date	Title
19-0001	ML111530399	07/28/2011	SECY-11-0102 - Fourth Report on Status of Reactivation of Constrcution and Licensing for The Watts Bar Nuclear Plant, Unit 2.
19-0002	ML111823580	07/21/2011	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Final Safety Analysis Report Related to Section 9.5.1 Fire Protection Group 6 (TAC No. ME3091).
19-0003	ML111861537	07/20/2011	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Final Safety Analysis Report Related to Section 15 (TAC ME4074).
19-0004	ML111890037	07/20/2011	Watts Bar Nuclear Plant, Unit 2 - Schedule of Licensing Activities (TAC No. ME0853).
19-0005	ML11195A224	04/11/2011	2011/04/11 Watts Bar 2 OL - RE: Watts Bar 2 TS
19-0006	ML111960006	07/15/2011	07/28/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 9.5.1 Fire Protection.
19-0007	ML11196A154	07/13/2011	Watts Bar, Unit 2, Submittal of Pre-op Test Instruction, 2-PTI-261-01, Rev. 0.
19-0008	ML11199A215	07/14/2011	Watts Bar, Unit 2 - Final Safety Analysis Report - Response to Request for Additional Information (RAI) Regarding Compliance with 10 CFR 50.68(b)(6).
19-0009	ML11201A303	07/18/2011	Watts Bar Unit 2, Response to NRC Bulletin 2011-01, "Mitigation Strategies".
19-0010	ML11202A022	07/18/2011	Watts Bar Nuclear Plant (WBN) Unit 2 - Response to Request for Additional Information Regarding June 28, 2011 NRC Audit.
19-0011	ML112030387	07/27/2011	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Incore Instrumentation System (TAC No. ME3091).
19-0012	ML11203A005	07/21/2011	SECY-11-0102 - Enclosure 2 - Chart of Future Activities - Fourth Report on Status of Reactivation of Construction and Licensing for Watts Bar Nuclear Plant Unit 2.
19-0013	ML11203A006	06/17/2011	SECY-11-0102 - Enclosure 1 - Statistical Status Report - Fourth Report on Status of Reactivation of Construction and Licensing for Watts Bar Nuclear Plant, Unit 2.
19-0014	ML11206A499	06/30/2011	NUREG-0847 Supp 23, Safety Evaluation Report, "Related to the Operation of Watts Bar Nuclear Plant, Unit 2."
19-0015	ML11209C406	07/27/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Response to Chapter 12 Request for Additional Information.
19-0016	ML11213A130	07/27/2011	Watts Bar Nuclear Plant (WBN) Unit 2 - Status of Regulatory Framework for the Completion of Construction and Licensing for Unit 2 - Revision 6 (TAC No. MD6311), and Status of Generic Communications for Unit 2 - Revision 6 (TAC No. MD8314).

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ID#	Accession Number	Document Date	Title
19-0017	ML11213A131	07/27/2011	Enclosure 2 -SER and Supplements Review Matrix - Revision 6 Changes.
19-0018	ML11213A132	07/27/2011	Enclosure 3 - Generic Communications - Master Table.
19-0019	ML11213A133	07/27/2011	Enclosure 4- Generic Communications - Revision 6 Changes.
19-0020	ML11213A261	07/28/2011	Watts Bar, Unit 2 - Results from Cost-Benefit Analysis of Radwaste System Enhancements.
19-0021	ML11214A109	07/15/2011	Potential Defect in Qualtech NP Safety Related Motor Control Center Buckets.
19-0022	ML11214A177	07/12/2011	Transcript of ACRS Plant Operation and Fire Protection Subcommittee, July 12, 2011, Page 331 [OPEN SESSION].
19-0023	ML11215A098	07/28/2011	Watts Bar Nuclear Plant, Units 1 and 2, Notification of National Pollutant Discharge Elimination System Permit Renewal and Approval.
19-0024	ML11215A099	07/28/2011	NPDES Permit No. TN0020168, TVA - Watts Bar Nuclear Plant, Spring City, Rhea County, Tennessee.
19-0025	ML11215A132	07/29/2011	Watts Bar, Unit 2, Response to Request for Additional Information Regarding June 28, 2011 NRC Audit- Steam Line Break (SLB) and other Miscellaneous RAIs.
19-0026	ML11217A107	08/03/2011	Watts Bar, Unit 2 - Request for Additional Information Regarding Final Safety Analysis Report Amendment Related Section 3.11 - Revised Response.
19-0027	ML11217A221	08/05/2011	08/24/2011-Notice of Meeting to Discuss the Status of the Watts Bar Unit 2 Construction Project.
19-0028	ML112201418	08/05/2011	IR 05000391-11-605, on 07/02/11, Watts Bar Nuclear Plant, Unit 2.
19-0029	ML11220A349	08/05/2011	Notification of Potential Part 21 re: Potential Defect in Qualtech NP Safety Related Motor Control Center Buckets.
19-0030	ML11222A022	08/05/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR) - Chapter 15.5 Design Basis Accident Dose Analysis.
19-0031	ML11222A104	08/04/2011	Watt Bar Nuclear Plant, Unit 2, Cyber Security Implementation Schedule Clarification.
19-0032	ML11222A113	08/04/2011	Watts Bar Nuclear Plant (WBN) Unit 2 - Instrumentation and Controls Staff Information Requests.
19-0033	ML11222A114	06/08/2011	Enclosure 1, TVA Calculation WBNAPS3127, "EQ Dose in the Control Building," Revision 0, Attachment 1.
19-0034	ML11224A020	07/11/2011	2011/07/11 Watts Bar 2 OL - FW: NRC PM Open Items List 7-13-11.docx

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19-0035	ML11224A021	07/11/2011	2011/07/11 Watts Bar 2 OL - FW: 20110701 Open Item List Master TVA Update 07-11-11.docx
19-0036	ML11224A022	07/13/2011	2011/07/13 Watts Bar 2 OL - NRC PM Open Items List 7-14-11.docx
19-0037	ML11224A023	07/13/2011	2011/07/13 Watts Bar 2 OL - FW: NRC PM Open Items List 7-14-11.docx
19-0038	ML11224A024	07/13/2011	2011/07/13 Watts Bar 2 OL - R1_NRC PM Open Items List 7-14-11.docx
19-0039	ML11224A025	07/13/2011	2011/07/13 Watts Bar 2 OL - FW: R1_NRC PM Open Items List 7-14-11.docx
19-0040	ML11224A028	07/13/2011	2011/07/13 Watts Bar 2 OL - TVA letter to NRC_07-13-11_2-PTI-261-01 transmittal to NRC
19-0041	ML11224A029	07/14/2011	2011/07/14 Watts Bar 2 OL - FW: SSER Item No.JDS.docx
19-0042	ML11224A030	07/14/2011	2011/07/14 Watts Bar 2 OL - FW: NRC PM Open Items List 7-15-11_R1 (2).docx
19-0043	ML11224A031	07/14/2011	2011/07/14 Watts Bar 2 OL - TVA letter to NRC_07-14-11_FSAR RAI_NRC RAI 50.68b
19-0044	ML11224A032	07/19/2011	2011/07/19 Watts Bar 2 OL - FW: WBN Unit 2 FSAR Amendment 104 Question
19-0045	ML11224A033	07/20/2011	2011/07/20 Watts Bar 2 OL - FW: JFD for NRC
19-0046	ML11224A034	07/20/2011	2011/07/20 Watts Bar 2 OL - FW: WBN Unit 2 FSAR Amendment 104 Question
19-0047	ML11224A057	08/10/2011	2011/08/10 Watts Bar 2 OL - NRC PM Open Items List 8-11-11.docx
19-0048	ML11224A058	08/10/2011	2011/08/10 Watts Bar 2 OL - TVA letter to NRC_08-09-11_2-PTI-072-02 transmittal to NRC
19-0049	ML11224A059	08/09/2011	2011/08/09 Watts Bar 2 OL - FW: NRC PM Open Items List 8-10-11.docx
19-0050	ML11224A063	08/05/2011	2011/08/05 Watts Bar 2 OL - TVA letter to NRC_08-04-11_I&C RAI Response
19-0051	ML11224A064	08/05/2011	2011/08/05 Watts Bar 2 OL - TVA letter to NRC_08-05-2011_FSAR Ch 15.5 Dose Response
19-0052	ML11224A065	08/05/2011	2011/08/05 Watts Bar 2 OL - NRC PM Open Items List 8-8-11 (2).docx
19-0053	ML11224A066	08/04/2011	2011/08/04 Watts Bar 2 OL - NRC PM Open Items List 8-5-11.docx
19-0054	ML11224A075	08/03/2011	2011/08/03 Watts Bar 2 OL - SSER 23 Open Item Status 8-03-11 R1.docx
19-0055	ML11224A076	08/03/2011	2011/08/03 Watts Bar 2 OL - TVA letter to NRC_08-03-2011 - RAI Responses - FSAR Section 3.11
19-0056	ML11224A078	08/03/2011	2011/08/03 Watts Bar 2 OL - NRC PM Open Items List 8-4-11.docx
19-0057	ML11224A098	08/01/2011	2011/08/01 Watts Bar 2 OL - NRC PM Open Items List 8-1-11 (2).docx
19-0058	ML11224A099	07/15/2011	2011/07/15 Watts Bar 2 OL - NRC PM Open Items List 7-18-11_R1 (2) (2).docx
19-0059	ML11224A100	07/19/2011	2011/07/19 Watts Bar 2 OL - TVA letter to NRC_Response to NRC Bulletin 2011-01

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19-0060	ML11224A101	07/19/2011	2011/07/19 Watts Bar 2 OL - NRC PM Open Items List 7-20-11.docx
19-0061	ML11224A102	07/20/2011	2011/07/20 Watts Bar 2 OL - NRC PM Open Items List 7-21-11 (2).docx
19-0062	ML11224A103	07/20/2011	2011/07/20 Watts Bar 2 OL - FW: SSER Item No.JDS.docx
19-0063	ML11224A104	07/22/2011	2011/07/22 Watts Bar 2 OL - NRC PM Open Items List 7-25-11.docx
19-0064	ML11224A105	07/25/2011	2011/07/25 Watts Bar 2 OL - NRC PM Open Items List 7-26-11 (2).docx
19-0065	ML11224A106	07/27/2011	2011/07/27 Watts Bar 2 OL - NRC PM Open Items List 8-1-11.docx
19-0066	ML11224A107	07/26/2011	2011/07/26 Watts Bar 2 OL - NRC PM Open Items List 7-27-11 (2) (2).docx
19-0067	ML11224A108	08/01/2011	2011/08/01 Watts Bar 2 OL - FW: NRC PM Open Items List 8-2-11 (2).docx
19-0068	ML11224A123	08/01/2011	2011/08/01 Watts Bar 2 OL - FW: Updated OI List
19-0069	ML11224A129	07/26/2011	2011/07/26 Watts Bar 2 OL - 20110701 Open Item List Master TVA Update 07-25-11.docx
19-0070	ML11224A132	07/29/2011	2011/07/29 Watts Bar 2 OL - TVA letter to NRC_07-29-11_RAI Response_Chapter 15 SLB Audit Response
19-0071	ML11224A133	07/27/2011	2011/07/27 Watts Bar 2 OL - TVA letter to NRC_2011-07-27_Response FSAR 12 RAI
19-0072	ML11224A144	07/27/2011	2011/07/27 Watts Bar 2 OL - TVA letter to NRC_07-27-11_Regulatory Framework Submittal Letter Rev 6
19-0073	ML11224A149	07/29/2011	2011/07/29 Watts Bar 2 OL - TVA letter to NRC_07-28-11_Results from Cost Benefit Analysis
19-0074	ML11224A153	08/02/2011	2011/08/02 Watts Bar 2 OL - NRC PM Open Items List 8-3-11.docx

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

PROTECTED FILE INDEX

Supplemental Disclosures – August 15, 2011

ID#	Accession Number	Document Date	Protected Reason	Title
19-P001	ML11166A139	05/25/2011	Proprietary	2011/05/25 Watts Bar 2 OL - FW: WBT-D-3201 (3.1.1) NRC Access to WINCISE (Incore Instrumentation) Documents at the Westinghouse Rockville Office.pdf (Provides list of proprietary documents)
19-P002	ML11166A141	06/02/2011	Proprietary	2011/06/02 Watts Bar 2 OL - FW: WBT-D-3220 (3.1.1) NRC Access to Common Q PAMS Audit Documents at the Westinghouse Rockville Office.pdf (Provides list of proprietary documents)
19-P003	ML11166A142	06/02/2011	Proprietary	2011/06/02 Watts Bar 2 OL - FW: WBT-D-3218 (3.1.1) NRC Access to Common Q PAMS Documents at the Westinghouse Rockville Office.pdf (Provides list of proprietary documents)
19-P004	ML11166A143	06/03/2011	Proprietary	2011/06/03 Watts Bar 2 OL - FW: WBT-D-3229 (3.1.1) NRC Access to Common Q PAMS Documents at the Westinghouse Rockville Office.pdf (Provides list of proprietary documents)
19-P005	ML11166A145	06/03/2011	Proprietary	2011/06/03 Watts Bar 2 OL - FW: WBT-D-3228 (3.1.1) NRC Access to WINCISE (Incore Instrumentation) Documents at the Westinghouse Rockville Office.pdf (Provides list of proprietary documents)
19-P006	ML11192A315	07/07/2011	Security Related Information	Watts Bar, Units 1 and 2 - Submittal of Revision 18 to Emergency Plan Implementing Procedure EPIP-13, "Initial Dose Assessment for Radiological Emergencies".
19-P007	ML11202A023	07/18/2011	Proprietary	Response to June 28 through June 30, 2011 NRC Audit RAIs on LBLOCA for Watts Bar Unit 2.
19-P008	ML11217A108	08/03/2011	Security Related Information	Watts Bar, Units 1 & 2 - Submittal of Revision 29 to Emergency Plan Implementing Procedure EPIP-12, "Emergency Equipment and Supplies".

ATTACHMENT 2 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES**PROTECTED FILE INDEX****Supplemental Disclosures – August 15, 2011**

ID#	Accession Number	Document Date	Protected Reason	Title
19-P009	ML11222A105	08/04/2011	Security Related Information	Watts Bar, Unit 2, Additional Information Regarding the Cyber Security Schedule of Selected Systems.
19-P010	ML11224A052	08/09/2011	Fire Protection	2011/08/09 Watts Bar 2 OL - TVA letter to NRC_8-5-11_Response to NRC 6th Round RAI Fire Protection Report
19-P011	ML11224A055	07/19/2011	Proprietary	2011/07/19 Watts Bar 2 OL - TVA letter to NRC_Chapter 15 Audit Response
19-P012	ML11224A056	07/25/2011	Fire Protection	2011/07/25 Watts Bar 2 OL - TVA letter to NRC_7-22-11_Response to NRC 6th Round Fire Protection RAIs on Corrosion

August 15, 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))

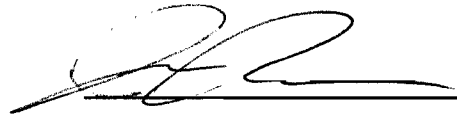
AFFIDAVIT OF JUSTIN C. POOLE CONCERNING
MANDATORY DISCLOSURE REQUIREMENT OF 10 C.F.R. § 2.336(b)

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 August 15, 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', written over a horizontal line.

Justin C. Poole

Executed in Rockville, Maryland
this 15th day of August, 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 August 15, 2011, have been served upon the following by the Electronic Information Exchange, this 15th day of August, 2011:

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Signed: August 15, 2011