



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555 - 0001

September 17, 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 32 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. TVA submits its FSAR amendments on two "Optical Storage Media" (OSM), where one disk contains a security-

L. McDade  
P. Abramson  
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related non-public FSAR, and the second disk contains a redacted public version of the FSAR. The files on the public disks have now been processed into ADAMS and assigned individual accession numbers, which are listed in this disclosure. In addition, pursuant to the agreement of the parties, the Staff will continue to work with both parties to provide access to documents

On or around September 17, 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 September 17, 2012.

Sincerely,

**/Signed (electronically) by/**

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Signed: September 17, 2012

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**

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<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
32-0001	ML12235B359	08/13/2012	2012/08/13 Watts Bar 2 OL - 2012-08-13 - WBN Project Plan - Unit 2.pdf
32-0002	ML12235B363	08/15/2012	2012/08/15 Watts Bar 2 OL - TVA letter to NRC_08-15-12_2-PTI-077-03 R1 transmittal to NRC
32-0003	ML12235B360	08/16/2012	2012/08/16 Watts Bar 2 OL - 2012-08-16 - WBN Project Plan - Unit 2.pdf
32-0004	ML12235B362	08/16/2012	2012/08/16 Watts Bar 2 OL - TVA letter to NRC_2012-08-15 - Regulatory Framework Submittal Letter Rev 8
32-0005	ML12235B361	08/20/2012	2012/08/20 Watts Bar 2 OL - 2012-08-20 - WBN Project Plan - Unit 2.pdf
32-0006	ML12261A144	08/23/2012	2012/08/23 Watts Bar 2 OL - TVA letter to NRC_08-23-12_Part 70 Extension Request
32-0007	ML12261A167	08/23/2012	2012/08/23 Watts Bar 2 OL - TVA letter to NRC_2012-08-23_TRM Section 3.7.2 Submittal
32-0008	ML12261A143	08/23/2012	2012/08/23 Watts Bar 2 OL - TVA letter to NRC_2012-08-23_WBN U2 FSAR A109
32-0009	ML12261A172	08/27/2012	2012/08/27 Watts Bar 2 OL - 2012-08-27 - WBN Project Plan - Unit 2.pdf
32-0010	ML12261A173	08/27/2012	2012/08/27 Watts Bar 2 OL - TVA letter to NRC_08-27-2012_TS Table 3.3.3-1 and TSB 3.3.3
32-0011	ML12261A174	08/30/2012	2012/08/30 Watts Bar 2 OL - TVA letter to NRC_08-30-2012_Electronic Filter Test Results
32-0012	ML12261A175	09/06/2012	2012/09/06 Watts Bar 2 OL - 2012-09-06 - WBN Project Plan - Unit 2.pdf
32-0013	ML12261A176	09/06/2012	2012/09/06 Watts Bar 2 OL - DRAFT RAI on FES
32-0014	ML12223A445	01/01/2010	Diervilla lonicera 2010: UW-Stevens Point Freckmann Herbarium: Plant Details Page.
32-0015	ML12257A044	11/09/2001	Economic Analysis of the Final Regulation Addressing Cooling Water Intake Structure for New Facilities.
32-0016	ML12223A181	03/28/2012	Environmental Protection Agency 2012 - Facility Detail Report - Environmental facts Warehouse _ FII - Kuwahee.
32-0017	ML12257A045	08/01/2012	EPA 2012 Facility Detail Report - Anderson County Utility Board.
32-0018	ML12257A048	08/01/2012	EPA 2012 Facility Detail Report - Cleveland Utilities STP.
32-0019	ML12257A052	08/01/2012	EPA 2012 Facility Detail Report - Clinton STP.
32-0020	ML12257A054	08/01/2012	EPA 2012 Facility Detail Report - Olin Chemical Corp.
32-0021	ML12257A061	08/01/2012	EPA 2012 Facility Detail Report - West Knox Melton Hill WWTP.
32-0022	ML12257A060	08/01/2012	EPA 2012 Facility Detail Report Resolute Forest Products.
32-0023	ML12244A265	09/04/2012	Mid-Cycle Assessment Letter - Watts Bar Nuclear Plant Unit 2 (NRC Inspection Report 05000391/2012606).
32-0024	ML12250A821	09/06/2012	Press Release-12-099: NRC Issues Mid-Cycle Assessments for Nation? Nuclear Plants.

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32-0025	ML12223A216	01/01/2011	Tennessee American Water 2011 Annual Water Quality Report TN_0000107_CCR.
32-0026	ML12223A190	07/20/2009	Tennessee Natural Heritage Program Rare Species Observations for Tennessee Counties 2009.
32-0027	ML12223A221	01/01/2012	Tennessee Valley Authority 2012 - Bull Run Fossil Plant.
32-0028	ML12223A418	01/01/2012	Tennessee Valley Authority 2012 - Fort Loudoun Reservoir.
32-0029	ML12223A430	01/01/2012	Tennessee Valley Authority 2012 - Nickajack Reservoir.
32-0030	ML12257A062	08/01/2012	Tennessee Valley Authority 2012 - Ocoee Dam No. 1 and Parksville Reservoir.
32-0031	ML12257A064	08/01/2012	Tennessee Valley Authority 2012 - Ocoee Reservoir No. 2.
32-0032	ML12257A066	08/01/2012	Tennessee Valley Authority 2012 - Ocoee Reservoir No. 3.
32-0033	ML12223A436	01/01/2012	Tennessee Valley Authority 2012 - Raccoon Mountain Pumped-Storage Plant.
32-0034	ML12223A441	01/01/2012	Tennessee Valley Authority 2012 - Watts Bar Reservoir.
32-0035	ML12257A068	01/01/2011	Tennessee Valley Authority 2012 Watts Bar - Office of Environmental and Research Recreation Area Matrix.
32-0036	ML12223A192	02/14/2008	Transportation Planning Report ?State Route 30 from SR-29 (US-27) to 2000 Feet East of the Tennessee River Bridge Rhea & Meigs Counties Pin# 109410.00.
32-0037	ML12223A220	01/01/2008	TVA 2008 Final Supplemental Environmental Impact Statement - Volume 2 - Appendix D Sensitive Area Review Process.
32-0038	ML12223A450	06/29/2011	USBLS 2010 - Local Area Unemployment Statistics Smoothed Seasonally Adjusted Metropolitan Area Estimates.
32-0039	ML12257A072	12/01/2008	Wang and Reyes 2008 - Reclamation Managing Water in the West (Tracy Fish Facility Studies) Vol. 42.

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32-0040	ML12244A126	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Category I Electrical Conduits, Section F-F, Figure 2.5-554, Sheet 1 of 2.
32-0041	ML12244A127	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Category I Electrical Conduits, Section F-F, Figure 2.5-554, Sheet 2 of 2.
32-0042	ML12244A128	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Category I Electrical Conduits, Section G-G, Figure 2.5-555.
32-0043	ML12244A117	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Category I, Conduit Banks, Section F-F, Figure 2.5-281, Sheet 1 of 2.
32-0044	ML12244A121	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - CRCW Pipeline, Section A-A, Figure 2.5-549, Sheet 2 of 4.
32-0045	ML12244A125	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - CRCW Pipeline, Section C-C, Figure 2.5-551.
32-0046	ML12244A118	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - ERCW Pipeline, Section A-A, FIGURE 2.5-549, Sheet 1 of 4.
32-0047	ML12244A122	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - ERCW Pipeline, Section A-A, Figure 2.5-549, Sheet 3 of 4.
32-0048	ML12244A123	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - ERCW Pipeline, Section A-A, Figure 2.5-549, Sheet 4 of 4.
32-0049	ML12244A124	08/23/2012	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - ERCW Pipeline, Section B-B, Figure 2.5-550.
32-0050	ML12249A195	08/30/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - Instrumentation and Controls Staff Request for Additional Information (RAI) Related to Supplemental Safety Evaluation Report (SSER) Open Item 80.
32-0051	ML12255A200	09/06/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - Long-Term Stability Analysis Methodology.
32-0052	ML12240A224	08/23/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - Update to Technical Requirements Manual (TRM) Bases Section 3.7.2, Developmental Revision B.
32-0053	ML12244A132	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR) , Amendment 109, Figure 2.5-571, ERCW Pipeline Section A-A Sheet 3 of 4.
32-0054	ML12244A115	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Borrow Investigation, Figure 2.5-222.

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32-0055	ML12244A116	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Category I, Conduit Banks, Section F-F, Figure 2.5-281, Sheet 1 of 2.
32-0056	ML12244A109	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Containment Penetrations and Barriers-Tables, Page 1 of 69 through Page 64 of 69.
32-0057	ML12244A113	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Geologic Section Through Plant Area, Figure 2.5-11.
32-0058	ML12244A114	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Graphic Log and Elastic Moduli STA. L-61+00, Figure 2.5-71.
32-0059	ML12244A074	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - List of Revised Pages.
32-0060	ML12244A073	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 1, Introduction and General Description of Plant.
32-0061	ML12244A075	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 1, Introduction and General Description of Plant.
32-0062	ML12244A089	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 10, Main Steam and Power Conversion Systems, Page 10-I through 10.4-114.
32-0063	ML12244A090	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 11, Radioactive Waste Management, Page 11-I through 11A-6.
32-0064	ML12244A085	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 12, Radiation Protection, Page 12-I through 12.5-8.
32-0065	ML12244A086	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 13, Conduct of Operations, Page 13-I through 13.7-2.
32-0066	ML12244A087	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 14, Initial Test Program, Page 14-I through 14.2-170.
32-0067	ML12244A088	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 15, Accident Analyses, Page 15-I through 15A-6.
32-0068	ML12244A091	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 16, Technical Specifications, Page 16-I through 16.3-2.

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32-0069	ML12244A092	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 17, Quality Assurance, Page 17-I through 17.2-2.
32-0070	ML12244A061	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics - Page 2.4-196 through 2.4-247.
32-0071	ML12244A062	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics - Page 2.5-1 through 2.5-204.
32-0072	ML12244A063	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics - Page 2.5-205 through 2.5-466.
32-0073	ML12244A064	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics - Page 2.5-467 through 2.5-952.
32-0074	ML12244A076	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics - Page 2-1 through 2.3-167.
32-0075	ML12244A077	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics - Page 2-4-1 through 2.4-195.
32-0076	ML12244A066	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3, Design of Structures, Components, Equipment, and Systems - Page 3.6-1 through 3.7-223.
32-0077	ML12244A067	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3, Design of Structures, Components, Equipment, and Systems - Page 3.8.1-1 through 3.8.4-182.

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32-0078	ML12244A068	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3, Design of Structures, Components, Equipment, and Systems - Page 3.8.5-1 through 3.12-6.
32-0079	ML12244A065	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3, Design of Structures, Components, Equipment, and Systems - Page 3-I through 3.5A-4.
32-0080	ML12244A069	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 4, Reactor - Page 4-I through 4.4-52.
32-0081	ML12244A070	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 5, Reactor Coolant System - Page 5-I through 5.6-8.
32-0082	ML12244A078	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 6, Engineered Safety Features - Page 6.3-1 through 6.9-2.
32-0083	ML12244A071	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 6, Engineered Safety Features - Page 6-I through 6.2.6-30.
32-0084	ML12244A079	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 7, Instrumentation and Controls - Page 7-I through 7A-10.
32-0085	ML12244A080	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 8, Electric Power - Page 8-I through 8E-12.
32-0086	ML12244A082	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 9, Auxiliary Systems, Page 9.4-1 through 9.5-66.



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32-0087	ML12244A081	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 9, Auxiliary Systems, Page 9-I through 9.3-160.
32-0088	ML12244A112	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Subregional Geologic Section, Figure 2.5-3.
32-0089	ML12244A129	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-556, Category I Electrical Conduits Section H-H.
32-0090	ML12244A130	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-571, ERCW Pipeline Section A-A Sheet 1 of 4.
32-0091	ML12244A131	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-571, ERCW Pipeline Section A-A Sheet 2 of 4.
32-0092	ML12244A133	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-571, ERCW Pipeline Section A-A Sheet 4 of 4.
32-0093	ML12244A134	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-572, ERCW Pipeline Section B-B.
32-0094	ML12244A135	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-573, ERCW Pipeline Section C-C.
32-0095	ML12244A136	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-576, Category I Electrical Conduits Section F-F Sheet 1 of 2.

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32-0096	ML12244A137	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-576, Category I Electrical Conduits Section F-F. Sheet 2 of 2.
32-0097	ML12244A138	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-577, Category I Electrical Conduits Section G-G.
32-0098	ML12244A139	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-578, Category I Electrical Conduits Section H-H.
32-0099	ML12244A140	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-579, Miscellaneous ERCW Piping and IE Conduit Soil Borings.
32-0100	ML12244A141	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-583, Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary.
32-0101	ML12244A142	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-588.
32-0102	ML12244A143	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-589.
32-0103	ML12244A144	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-594, Underground Barrier Trench A STA 1+78.
32-0104	ML12244A145	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-595, Underground Barrier Trench A, STA 3+78.

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32-0106	ML12244A147	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-597, Underground Barrier Trench A STA 7+78.
32-0107	ML12244A148	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-602, Underground Barrier Trench B STA 1+00.
32-0108	ML12244A149	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-603, Underground Barrier Trench B STA 2+50.
32-0109	ML12244A119	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-604, Underground Barrier Trench B STA 3+00.
32-0110	ML12244A120	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, Figure 2.5-605, Underground Barrier Trench B STA 4+50.
32-0111	ML12244A018	08/23/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Transmittal of Final Safety Analysis Report (FSAR), Amendment 109.
32-0112	ML12234A404	08/15/2012	Watts Bar Unit 2 - Submittal of Pre-Op Test Instruction.
32-0113	ML12234A688	08/15/2012	Watts Bar, Unit 2 - Status of Regulatory Framework for the Completion of Construction and Licensing for Unit 2 - Revision 8 (TAC No. MD6311), and Status of Generic Communications for Unit 2 - Revision 8 (TAC No. MD8314).

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32-0114	ML12242A476	08/27/2012	Watts Bar, Unit 2 - Update to Technical Specification (TS) Table 3.3.3-1 and Technical Specification Bases (TSBs) 3.3.3.
32-0115	ML12249A007	08/29/2012	Watts Bar, Unit 2, and Bellefonte, Units 1 & 2, Distribution Lists for TVA Nuclear Construction (NC) Projects.

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32-P0001	ML12244A240	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Figure 2.4-87 (Not Used) through Figure 2.4-116.
32-P0002	ML12244A243	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Figure 2.5-181 through Figure 2.5-610.
32-P0003	ML12244A237	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 1, Introduction and General Description of Plant.
32-P0004	ML12244A233	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 10.0 - Main Steam and Power Conversion Systems through Figure 10.4-37.
32-P0005	ML12244A247	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 11.0 - Radioactive Waste Management through Table 11A-2.
32-P0006	ML12244A248	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 12.0 - Radiation Protection through Section 12.5.3 - Procedures.
32-P0007	ML12244A238	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2, Site Characteristics through Figure 2.3-29.

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32-P0009	ML12244A241	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 2.5 - Geology, Seismology, and Geotechnical Engineering Summary of Foundation Conditions through Table 2.5-43.
32-P0010	ML12244A244	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3.0 - Design of Structures, Components, Equipment, and Systems through Figure 3.5-11.
32-P0011	ML12244A245	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3.6 - Protection Against Dynamic Effects Associated with the Postulated Rupture of Piping through Figure 3.7-45.
32-P0012	ML12244A256	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3.8 - Design of Category I Structures through Figure 3.8.4-80.
32-P0013	ML12244A246	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 3.8.5 - Foundations and Concrete Supports through Section 3.12.5 - Safety Evaluation.
32-P0014	ML12244A257	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 4.0 - Reactor through Figure 4.4-6.
32-P0015	ML12244A226	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 5.0 - Reactor Coolant System through Section 5.6 Instrumentation Application.

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32-P0017	ML12244A228	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 6.3 - Emergency Core Cooling System through Section 6.9 - Motor-Operated Valve (MOV) Programs.
32-P0018	ML12244A229	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 7.0 - Instrumentation and Controls through Figure 7A-6.
32-P0019	ML12244A230	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 8.0 - Electric Power through Section 8E - Probability/Reliability Analysis of Protection Device Schemes for Associated and Non-Class 1E Cables.
32-P0020	ML12244A231	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 9.0 - Auxiliary Systems through Figure 9.3-21.
32-P0021	ML12244A232	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Section 9.4 - Air Conditioning, Heating, Cooling, and Ventilation Systems through Figure 9.5-31.
32-P0022	ML12244A242	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109 - Table 2.5-44 through Figure 2.5-180.
32-P0023	ML12244A236	08/23/2012	Security	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 109, List of Revised Pages.

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32-P0025	ML12244A291	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-11, "Geologic Section Through Plant Area."
32-P0026	ML12244A293	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-222, "Borrow Investigation."
32-P0027	ML12244A294	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-281 Sheet 1, "Category I Conduit Banks Section F-F Sheet 1 of 2."
32-P0028	ML12244A295	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-281 Sheet 2, "Category I Conduit Banks Section F-F Sheet 1 of 2."
32-P0029	ML12244A290	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-3, "Subregional Geologic Section".
32-P0030	ML12244A296	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 1 of 4."
32-P0031	ML12244A297	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 2 of 4."



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32-P0032	ML12244A298	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 3 of 4".
32-P0033	ML12244A299	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 4 of 4."
32-P0034	ML12244A326	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-550, "ERCW Pipeline Section B-B."
32-P0035	ML12244A300	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-551, "ERCW Pipeline Section C-C."
32-P0036	ML12244A301	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-554, "Category I Electrical Conduits Section F-F Sheet 1 of 2."
32-P0037	ML12244A302	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-554, "Category I Electrical Conduits Section F-F Sheet 2 of 2."
32-P0038	ML12244A304	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-555, "Category I Electrical Conduits Section G-G."
32-P0039	ML12244A305	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-556, "Category I Electrical Conduits Section H-H."

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32-P0041	ML12244A307	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-571, "ERCW Pipeline Section A-A Sheet 2 of 4."
32-P0042	ML12244A308	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-571, "ERCW Pipeline Section A-A Sheet 3 of 4."
32-P0043	ML12244A309	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-571, "ERCW Pipeline Section A-A Sheet 4 of 4."
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32-P0045	ML12244A311	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-573, "ERCW Pipeline Section C-C."
32-P0046	ML12244A312	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-576, "Category I Electrical Conduits Section F-F Sheet 1 of 2."
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32-P0048	ML12244A287	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-577, "Category I Electrical Conduits Section G-G."
32-P0049	ML12244A288	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-578, "Category I Electrical Conduits Section H-H."
32-P0050	ML12244A289	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-579, "Miscellaneous ERCW Piping and IE Conduit Soil Borings."
32-P0051	ML12244A313	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-583, "Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary."
32-P0052	ML12244A315	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-588.
32-P0053	ML12244A316	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-589.
32-P0054	ML12244A317	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-594, "Underground Barrier, Trench A STAI + 78."
32-P0055	ML12244A318	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-595, "Underground Barrier, Trench A, STA 3+78."

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32-P0057	ML12244A320	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-597, "Underground Barrier, Trench A, STA 7+78."
32-P0058	ML12244A321	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-602, "Underground Barrier, Trench B, STA 1+100."
32-P0059	ML12244A322	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-603, "Yard, Underground Barrier, Trench B, STA 2+50."
32-P0060	ML12244A324	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-604, "Yard, Underground Barrier, Trench B, STA 3-1-00."
32-P0061	ML12244A325	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-605, "Yard, Underground Barrier Trench B, STA 4+50."
32-P0062	ML12244A292	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Figure 2.5-71, "Graphic Log and Elastic Moduli STA. L-61+00."
32-P0063	ML12244A249	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Section 13, "Conduct of Operations."

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32-P0067	ML12244A255	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Section 17, "Quality Assurance."
32-P0068	ML12244A267	08/23/2012	Security	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 109, Table 6.2.4-1.

September 17, 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 September 17, 2012.

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

/Executed in Accord with 10 CFR 2.304(d)/

Justin C. Poole  
Senior Project Manager,  
NRR/DORL/LPWB  
U.S. Nuclear Regulatory Commission  
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Telephone: (301)415-2048  
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Executed in Rockville Maryland  
this 17th day of September, 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 September 17, 2012, have been served upon the following by the Electronic Information Exchange, this 17<sup>th</sup> day of September, 2012:

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