



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

April 16, 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 27 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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pursuant to the agreement of the parties, the Staff will continue to work with both parties to provide access to documents

On or around April 16, 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 April 16, 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 – April 16, 2012

ID#	Accession Number	Document Date	Title
27-001	ML12066A119	03/27/2012	June 30, 2011 through July 12 & 28, 2011, Summary of Public Meeting with Tennessee Valley Authority regarding submittal of Watts Bar Nuclear Plant, Unit 2, Fire Protection Report.
27-002	ML12068A336	03/22/2012	02/14/2011 Summary of Public Meeting with Tennessee Valley Authority Regarding the Project Schedule for Watts Bar Nuclear Plant, Unit 2.
27-003	ML12065A349	03/14/2012	05/10/2011 - 05/12/2011 Summary of Category 1 Public Meeting with Tennessee Valley Authority Regarding Watts Bar Nuclear Plant, Unit 2 Final Safety Analysis Report Submittals.
27-004	ML120830484	03/27/2012	08/31/2011 Summary of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Fire Protection Report and Open Items in the Safety Evaluation Report.
27-005	ML12054A055	03/14/2012	10/12/2010 Summary of Public Meeting with Tennessee Valley Authority Regarding Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Fire Protection.
27-006	ML12054A062	03/13/2012	11/03/2010 Summary of Public Meeting with Tennessee Valley Authority Regarding Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Fire Protection.
27-007	ML12053A264	03/26/2012	11/16/2011 Summary of Public Meeting with Tennessee Valley Authority Regarding Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 9.5.1 Fire Protection.
27-008	ML12065A399	03/14/2012	2/14/2012 - Summary of Public Meeting with Tennessee Valley Authority Regarding the Project Schedule for Watts Bar Nuclear Plant, Unit 2.
27-009	ML12081A242	03/21/2012	4/12/2012 Notice of Public Meeting With Tennessee Valley Authority to Discuss the Annual Assessment of the Watts Bar Nuclear Unit 2 Construction Project.
27-010	ML12093A349	03/30/2012	Bellefonte, Units 1 & 2, Browns Ferry, Units 1, 2, & 3, Sequoyah, Units 1 & 2, Watts Bar, Unit 1 Watts Bar, Unit 2, Answer to Order EA-12-049 with Regard to Requirements for Mitigation Strategies for Beyond-Design Basis External Events.
27-011	ML12074A023	07/02/1997	Complaint of Alleged Discrimination - Watts Bar.
27-012	ML12073A366	03/13/2012	Correction To Issuance Of Orders And Request For Information Issued Pursuant To Title 10 Of The Code Of Federal Regulations Part 50.54(f).
27-013	ML12053A296	03/26/2012	December 21, 2011 - Summary of Public Meeting with Tennessee Valley Authority Regarding Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 9.5.1 Fire Protection.
27-014	ML12088A219	12/15/2011	E-mail from Holly Cruz, NRR to Robert Nelson, NRR, et al; Subject: Tia Status Report.
27-015	ML12088A217	08/25/2011	E-mail from Holly Cruz, NRR to Robert Wilson, NRR, et al; Subject: TIA Status Report.

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ID#	Accession Number	Document Date	Title
27-016	ML12056A048	03/12/2012	Enclosure 2 - Recommendation 2.1: Flooding.
27-017	ML12056A049	03/12/2012	Enclosure 3 - Recommendation 2.3: Seismic.
27-018	ML12056A050	03/12/2012	Enclosure 4 - Recommendation 2.3: Flooding.
27-019	ML12056A051	03/12/2012	Enclosure 5 - Recommendation 9.3: Emergency Preparedness.
27-020	ML12056A052	03/12/2012	Enclosure 6 - List of Power Reactor Licensees and Holders of Construction Permits in Active or Deferred Status.
27-021	ML12101A353	02/01/2012	FEMA Watts Bar, Final Exercise Report, Exercise Date - October 19, 2011.
27-022	ML12087A324	03/27/2012	IR 05000391-12-602, 2/18/2012, Watts Bar Nuclear Plant Unit 2 Construction - NRC Integrated Inspection Report.
27-023	ML12054A679	03/12/2012	Issuance of Order to Modify Licenses With Regard to Reliable Spent Fuel Pool Instrumentation.
27-024	ML12054A735	03/12/2012	Issuance of Order to Modify Licenses With Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events.
27-025	ML12066A140	03/26/2012	January 21, 2011 & February 3 and 15, 2011 - Summary of Public Meetings with Tennessee Valley Authority regarding Submittal of Watts Bar Nuclear Plant, Unit 2, Fire Protection Report.
27-026	ML12075A106	03/14/2012	Notification of Potential Part 21 re Defect on Arvan Electrical Terminal Blocks.
27-027	ML12074A031	01/23/1995	Office of Investigations Report No. 2-93-057R Watts Bar Discrimination - Chilling Effect.
27-028	ML12056A044	03/12/2012	Order Modifying Licenses With Regard to Reliable Spent Fuel Pool Instrumentation (Effective Immediately) - To All Power Reactor Licensees and Holders of Construction Permits in Active or Deferred Status.
27-029	ML12056A045	03/12/2012	Order Modifying Licenses With Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events.
27-030	ML12094A371	04/02/2012	Part 21 Report - Rosemount Pressure Transmitters with Nonzero Based Calibrations.
27-031	ML12053A340	03/12/2012	Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights From the Fukushima Dai-Ichi Accident.
27-032	ML12068A376	03/22/2012	Summary of November 16, 2010 Public Meeting with Tennessee Valley Authority Regarding Integrated Safeguards Testing for Watts Bar Nuclear Plant, Unit 2.

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ID#	Accession Number	Document Date	Title
27-033	ML12093A346	03/30/2012	Tennessee Valley Authority - 30-Day Response to Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights From the Fukush.
27-034	ML12093A348	03/30/2012	Tennessee Valley Authority (TVA) - Answer to Order EA-12-051 With Regard to Reliable Spent Fuel Pool Instrumentation for TVA's Bellefonte Nuclear Plant, Browns Ferry Nuclear Plant, Sequoyah Nuclear Plant, and Watts Bar Nuclear Plant.
27-035	ML12074A018	09/12/1988	U.S. Department of Labor Case No. 87-ERA-28 Sequoyah Chilling Effect.
27-036	ML12075A170	03/13/2012	Watts Bar Nuclear Plant Units 1 and 2 - Fire Protection Report - Revisions of Commitments.
27-037	ML12083A125	03/21/2012	Watts Bar Nuclear Plant, Unit 2 - Submittal of Pre-op Test Instructions.
27-038	ML12073A390	03/23/2012	Watts Bar Nuclear Plant, Units 1 & 2 - Review Schedule Delay Due to Anticipated License Amendment Request and Hydrology Issues.
27-039	ML12083A182	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Containment Penetrations and Barriers Table 6.2.4-1.
27-040	ML12083A213	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-3, Subregional Geologic Section.
27-041	ML12083A226	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-554, Category I Electrical Conduits Section F-F. Sheet 1.
27-042	ML12083A228	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-555, Category I Electrical Conduits.
27-043	ML12083A229	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-556, Category I Electrical Conduits Section H-H.
27-044	ML12083A233	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, ERCW Pipeline Section A-A. Sheet 4 of 4.
27-045	ML12083A259	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-576, Category I Electrical Conduits Section F-F. Sheet 2 of 2.
27-046	ML12083A260	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-577, Category I Electrical Conduits Section G-G.
27-047	ML12083A261	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-578, Category I Electrical Conduits Section H-H.
27-048	ML12083A262	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-579, Miscellaneous ERCW Piping and IE Conduit Soil Borings.

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ID#	Accession Number	Document Date	Title
27-049	ML12083A263	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-583, Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary Load Diagram.
27-050	ML12083A264	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-588.
27-051	ML12083A265	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-589.
27-052	ML12083A273	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-594, Underground Barrier Trench A STA 1+78.
27-053	ML12083A274	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-595, Underground Barrier Trench A STA 3+78.
27-054	ML12083A275	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-596, Underground Barrier Trench A STA 5+78.
27-055	ML12083A271	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-597, Underground Barrier Trench A STA 7+78.
27-056	ML12083A272	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-602, Underground Barrier Trench B STA 1+00.
27-057	ML12083A276	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-603, Underground Barrier Trench B STA 2+50.
27-058	ML12083A277	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-604, Underground Barrier Trench B STA 3-1-00.

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27-059	ML12083A278	03/05/2012	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-605, Underground Barrier Trench B STA 4+50.
27-060	ML12083A222	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108 Figure 2.5-549, ERCW Pipeline Section A-A. Sheet 4.
27-061	ML12083A227	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108 Figure 2.5-554, Category I Electrical Conduits. Sheet 2.
27-062	ML12083A178	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108 Section 11 "Radioactive Waste Management".
27-063	ML12083A179	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108 Section 12, "Radiation Protection".
27-064	ML12083A181	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108 Section 17, Quality Assurance.
27-065	ML12083A214	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-11, Geologic Section through Plan Area.

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ID#	Accession Number	Document Date	Title
27-066	ML12083A216	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-222, Borrow Investigation.
27-067	ML12083A218	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-281 Category I Conduit Banks Section F-F. Sheet 2.
27-068	ML12083A217	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-281, Category I Conduit Banks Section F-F. Sheet 1.
27-069	ML12083A220	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, ERCW Pipeline Section A-A. Sheet 2.
27-070	ML12083A221	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, ERCW Pipeline Section A-A. Sheet 3.
27-071	ML12083A219	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, ERCW Pipeline. Sheet 1.
27-072	ML12083A224	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-550, ERCW Pipeline Section B-B.

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27-073	ML12083A225	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-551, ERCW Pipeline Section C-C.
27-074	ML12083A230	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, ERCW Pipeline Section A-A. Sheet 1 of 4.
27-075	ML12083A231	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, ERCW Pipeline Section A-A. Sheet 2 of 4.
27-076	ML12083A232	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, ERCW Pipeline Section H-H. Sheet 3 of 4.
27-077	ML12083A256	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-572, ERCW Pipeline Section B-B.
27-078	ML12083A257	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-573, ERCW Pipeline Section C-C.
27-079	ML12083A215	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-71, Graphic Log and Elastic Moduli Sta. L-61+00.

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ID#	Accession Number	Document Date	Title
27-080	ML12083A156	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, List of Revised Pages.
27-081	ML12083A174	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Section 13, "Conduct of Operations".
27-082	ML12083A175	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Section 14 "Initial Test Program".
27-083	ML12083A176	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Section 15, Accident Analyses.
27-084	ML12083A180	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108, Section 16, Technical Specifications.
27-085	ML12083A157	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 1 - Introduction and General Description of Plant.
27-086	ML12083A177	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 10 - 10.0 through 10.4-114.

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27-087	ML12083A162	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 2 - 2.4 through Figure 2.4-64.
27-088	ML12083A153	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 2 - 2.5 through 2.5-204.
27-089	ML12083A154	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 2 - 2.5-205 through 2.5-488.
27-090	ML12083A158	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 2 - 2.5-487 through 2.5-952.
27-091	ML12083A152	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 2 - Figure 2.4-65 through 2.4-247.
27-092	ML12083A161	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 2 - Site Characteristics.
27-093	ML12083A160	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 3 - 3.6 through Figure 3.7-223.

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27-094	ML12083A168	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 3 - 3.8 through 3.8.4-182.
27-095	ML12083A169	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 3 - 3.8.5 through 3.12-6.
27-096	ML12083A159	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 3 - Design of Structures, Components, Equipment, and Systems.
27-097	ML12083A170	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 4 - 4.0 through 4.4-52.
27-098	ML12083A163	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 5 - 5.0 through 5.6-8.
27-099	ML12083A164	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 6 - 6.0 through 6.2.6-30.
27-100	ML12083A165	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 6 - 6.3 through 6.9-2.

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27-101	ML12083A166	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 7 - 7.0 through 7A-10.
27-102	ML12083A167	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 8 - 8.0 through 8E-12.
27-103	ML12083A171	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 9 - 9.0 through 9.3-160.
27-104	ML12083A172	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Chapter 9 - 9.4 through Figure 9.5-31.
27-105	ML12083A155	03/05/2012	Watts Bar, Unit 2 - Final Safety Analysis Report, Amendment 108. Table of Contents, Sections 1.0 through 17.2.1.
27-106	ML120790581	03/23/2012	Watts Bar, Unit 2 - Request for Additional Information Regarding Final Safety Analysis Report Related to Section 9.5.1, Fire Protection Group 8.
27-107	ML12083A136	03/05/2012	Watts Bar, Unit 2 - Transmittal of Amendment 108 to Final Safety Analysis Report.

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27-108	ML12083A258	03/05/2012	Watts, Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-576, Category I Electrical Conduits Section F-F. Sheet 1 of 2.

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ID #	Accession Number	Document Date	Protected Reason	Title
27-P001	ML12081A073	08/20/2010	Fire Protection	Enclosure 1 (W/Apps A, B, & C): Watts Bar, Unit 2, Fire Protection Program, Commitment to Provide Additional Information on Multiple Spurious Operation Scenarios.
27-P002	ML12086A237	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-11, "Geologic Section Through Plant Area."
27-P003	ML12086A239	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-222, "Borrow Investigation."
27-P004	ML12086A232	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-281, "Category I Conduit Banks Section F-F Sheet 1 of 2." Sheet 2.
27-P005	ML12086A240	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-281, "Category I, Conduit Banks Section F-F Sheet 1 of 2." Sheet 1.
27-P006	ML12086A236	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-3, "Subregional Geologic Section."
27-P007	ML12086A241	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 3 of 4."
27-P008	ML12086A234	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 1 of 4."
27-P009	ML12086A235	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 2 of 4."
27-P010	ML12086A242	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-549, "ERCW Pipeline Section A-A Sheet 4 of 4."
27-P011	ML12086A251	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-550, "ERCW Pipeline Section B-B."
27-P012	ML12086A252	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-551, "ERCW Pipeline Section C-C".
27-P013	ML12086A253	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-554, Sheet 1 of 2, "Category I Electrical Conduits Section F-F".
27-P014	ML12086A254	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-554, Sheet 2 of 2, "Category I Electrical Conduits Section F-F".
27-P015	ML12086A255	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-555, "Category I Electrical Conduits Section G-G".
27-P016	ML12086A256	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-556, "Category I Electrical Conduits Section H-H".

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ID #	Accession Number	Document Date	Protected Reason	Title
27-P017	ML12086A247	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, Sheet 1 of 4, "ERCW Pipeline Section A-A".
27-P018	ML12086A248	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, Sheet 2 of 4, "ERCW Pipeline Section A-A".
27-P019	ML12086A249	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, Sheet 3 of 4, "ERCW Pipeline Section A-A".
27-P020	ML12086A250	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-571, Sheet 4 of 4, "ERCW Pipeline Section A-A".
27-P021	ML12086A303	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-572, "ERCW Pipeline Section B-B".
27-P022	ML12086A305	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-573, "ERCW Pipeline Section C-C".
27-P023	ML12086A306	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-576, Sheet 1 of 2, "Category I Electrical Conduits Section F - F".
27-P024	ML12086A307	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-576, Sheet 2 of 2, "Category I Electrical Conduits Section F-F".
27-P025	ML12086A309	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-577, "Category I Electrical Conduits Section G-G".
27-P026	ML12086A296	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-578, "Category I Electrical Conduits Section H-H".
27-P027	ML12086A297	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-579, "Miscellaneous ERCW Piping and IE Conduit Soil Borings".
27-P028	ML12086A300	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-583, "Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary Load Diagram".
27-P029	ML12086A301	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-588.
27-P030	ML12086A302	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-589.
27-P031	ML12087A370	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-594, "Underground Barrier Trench A STA 1 + 78".
27-P032	ML12087A365	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-595, "Underground Barrier Trench A, STA 3 + 78".

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27-P033	ML12087A366	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-596, "Underground Barrier Trench A STA 5 + 78".
27-P034	ML12087A367	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-597, "Underground Barrier Trench A STA 7 + 78".
27-P035	ML12087A368	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-602, "Underground Barrier Trench B STA 1 + 00".
27-P036	ML12087A369	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-603, "Underground Barrier Trench B STA 2 + 50".
27-P037	ML12087A371	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-604, "Underground Barrier Trench B STA 3-1-00".
27-P038	ML12087A372	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-605, "Underground Barrier Trench B STA 4 + 50".
27-P039	ML12086A238	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Figure 2.5-71, "Graphic Log And Elastic Moduli Sta. L-61+00."
27-P040	ML12086A141	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, List of Revised Pages.
27-P041	ML12086A148	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 1 - Introduction and General Description of Plant, Table of Contents.
27-P042	ML12086A142	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 1 - Introduction and General Description of Plant.
27-P043	ML12086A189	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 10 - Main Steam and Power Conversion Systems, Table of Contents through Page 10.4-114.
27-P044	ML12086A190	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 11 - Radioactive Waste Management, Table of Contents through Page 11A-6.
27-P045	ML12086A191	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 12 - Radiation Protection, Table of Contents - Page 12.5-8.
27-P046	ML12086A192	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 13 - Conduct of Operations, Table of Contents - Page 13.7-2.
27-P047	ML12086A185	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 14 - Initial Test Program, Table of Contents - Page 14.2-170.

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27-P048	ML12086A186	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 15 - Accident Analyses, Table of Contents - Page 15A-6.
27-P049	ML12086A193	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 16 - Technical Specifications, Table of Contents - Page 16.3-2.
27-P050	ML12086A194	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 17 - Quality Assurance, Table of Contents - Page 17.2-2.
27-P051	ML12086A145	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 2 - Site Characteristics, Chapter 2.4 Figure 2.4-65 through Figure 2.4-116.
27-P052	ML12086A144	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 2 - Site Characteristics, Chapter 2.4 through Figure 2.4-64.
27-P053	ML12086A140	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 2 - Site Characteristics, Chapter 2.5, Figure 2.5-181 through Figure 2.5-610.
27-P054	ML12086A138	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 2 - Site Characteristics, Chapter 2.5, Page 25-1 through Table 2.5-43.
27-P055	ML12086A139	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 2 - Site Characteristics, Chapter 2.5, Table 2.5-44 through Figure 2.5-180.
27-P056	ML12086A143	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 2 - Site Characteristics, Chapters 2.1 - 2.3.
27-P057	ML12086A158	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 3 - Design of Structures, Components, Equipment, and Systems, Chapter 3.6 through Chapter 7, Figure 3.7-45.
27-P058	ML12086A160	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 3 - Design of Structures, Components, Equipment, and Systems, Chapter 3.8 through Chapter 3.12.
27-P059	ML12086A159	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 3 - Design of Structures, Components, Equipment, and Systems, Chapter 3.8 through Figure 3.8.4-80.
27-P060	ML12086A146	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 3 - Design of Structures, Components, Equipment, and Systems, Table of Contents through Chapter 3.5.

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27-P061	ML12086A154	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 4 - Reactor, Table of Contents through Page 4.4-52.
27-P062	ML12086A155	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 5 - Reactor Coolant System, Table of Contents through Page 5.6-8.
27-P063	ML12086A161	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 6 - Engineered Safety Features, Page 6.3-1 through Page 6.9-2.
27-P064	ML12086A156	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 6 - Engineered Safety Features, Table of Contents through Page 6.2.6-30.
27-P065	ML12086A162	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 7 - Instrumentation and Controls, Table of Contents through Page 7A-10.
27-P066	ML12086A163	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 8 - Electric Power, Table of Contents through Page 8E-12.
27-P067	ML12086A188	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 9 - Auxiliary Systems, 9.4-1 through Page 9.5-66.
27-P068	ML12086A187	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Section 9 - Auxiliary Systems, Table of Contents through Page 9.3-160.
27-P069	ML12086A230	03/05/2012	Security Related	Watts Bar Unit 2 - Final Safety Analysis Report, Amendment 108, Table 6.2.4-1, Pages 1 - 64.
27-P070	ML12100A099	04/04/2012	Fire Protection	Watts Bar, Unit 2, Submittal of Pre-op Test Instructions.
27-P071	ML12073A227	02/29/2012	Proprietary	Attachments 1 and 7 to Watts Bar Nuclear Plant, Unit 2 - Instrumentation and Controls Staff Information Requests.
27-P072	ML12073A394	02/29/2012	Proprietary	WNA-VR-00283-WBT-P, Rev. 7, "Nuclear Automation Watts Bar Unit 2 NSSS Completion Program I&C Projects IV&V Summary Report for the Post Accident Monitoring System." Attachment 1.

April 16, 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 April 16, 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,
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Commission
Washington, DC 20555
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Executed in Columbia Maryland
this 16th day of April, 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 April 16, 2012, have been served upon the following by the Electronic Information Exchange, this 16th day of April, 2012:

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