



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

July 13, 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 30 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 staff previously disclosed the six disks with FSAR amendments 105, 106, and 107 as ID# 20-0083 (ML11236A158), ID# 22-074 (ML11266A136), and ID# 23-018 (ML11333A054), respectively. 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 July 13, 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 June 13, 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

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Supplemental Disclosures – July 13, 2012

ID#	Accession Number	Document Date	Title
30-001	ML12179A182	06/11/2012	2012/06/11 Watts Bar 2 OL - Emailing: 2012-06-07 - WBN Project Plan - Unit 2.pdf
30-002	ML12179A186	06/11/2012	2012/06/11 Watts Bar 2 OL - TVA letter to NRC_06-11-2012_NRC Distribution List for NC
30-003	ML12179A188	06/13/2012	2012/06/13 Watts Bar 2 OL - TVA letter to NRC_06-13-2012 - RAI Responses - FSAR Section 3.11
30-004	ML12179A179	06/14/2012	2012/06/14 Watts Bar 2 OL - Emailing WBN Unit 2 Project Plan 06/14/2012
30-005	ML12179A176	06/14/2012	2012/06/14 Watts Bar 2 OL - 2012-06-18 - WBN Project Plan - Unit 2.pdf - Adobe Acrobat Professional
30-006	ML12181A230	06/20/2012	2012/06/20 Watts Bar 2 OL - TVA letter to NRC_06-20-12_2-PTI-099-03 transmittal to NRC
30-007	ML12179A174	06/21/2012	2012/06/21 Watts Bar 2 OL - 2012-06-21 - WBN Project Plan - Unit 2.pdf - Adobe Acrobat Professional
30-008	ML12179A172	06/25/2012	2012/06/25 Watts Bar 2 OL - 2012-06-25 - WBN Project Plan - Unit 2.pdf
30-009	ML12179A169	06/25/2012	2012/06/25 Watts Bar 2 OL - DRAFT Need for information on Fire Protection Report
30-010	ML12181A222	06/27/2012	2012/06/27 Watts Bar 2 OL - TVA letter to NRC_06-27-12_FSAR Chapter 15 Commitment Closure
30-011	ML12181A225	06/27/2012	2012/06/27 Watts Bar 2 OL - Updated Appendix HH Open Item Status list
30-012	ML12181A221	06/28/2012	2012/06/28 Watts Bar 2 OL - 2012-06-28 - WBN Project Plan - Unit 2.pdf
30-013	ML12171A438	01/01/1978	An Analysis of Factors Influencing the Impingement of Threadfin Shad (<i>Dorosoma pretenense</i>) at Power Plants in the Southeastern United States.
30-014	ML12171A433	03/31/1995	Biological Opinion for the Proposed Operation of the Watts Bar Nuclear Plant Rhea County, Tennessee.
30-015	ML12170A423	11/01/2010	Cost and Performance Baseline for Fossil Energy Plants Volume 1: Bituminous Coal and Natural Gas to Electricity Revision 2.
30-016	ML12170A188	03/22/2006	Description of The Lower Tennessee River Watershed.
30-017	ML12171A478	10/05/2011	DOE 2006_Geothermal_Maps.
30-018	ML12171A445	01/31/2011	DOE-EIA 2009 Renewable Energy-Solar Thermal Collector Manufacturing Activities.
30-019	ML12171A474	04/01/2011	DOE-EIA 2011_Energy Outlook 2011 with Projections to 2035.
30-020	ML12171A230	06/30/2003	Eastern Hellbender Status Assessment Report.
30-021	ML12173A476	03/29/2012	EPA 2012_Envirofacts Warehouse_FII - Roane County STP.
30-022	ML12173A472	02/10/2012	EPA 2012_Envirofacts Warehouse_FII - Rockwood Water and Gas.
30-023	ML12173A469	03/21/2012	EPA 2012_Envirofacts Warehouse_FII - Spring City STP.
30-024	ML12173A460	03/30/2012	EPA 2012_Envirofacts Warehouse_FII-General Shale.
30-025	ML12166A068	06/11/2012	Estimates of Entrainment of Fish Eggs and Larvae at Watts Bar Nuclear Plant at Tennessee River Mile 528 from March 2010 through March 2011.

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30-026	ML12173A450	11/30/1983	FWS 1983 Dromedary Pearly Mussel Recovery Plan 1983.
30-027	ML12173A447	05/05/1983	FWS 1983 Snail Darter Recovery Plan.
30-028	ML12171A328	06/20/1986	FWS 1991 Lg-flowered Skullcap Species Account.
30-029	ML12170A056	12/22/2009	FWS 2010 Species Profile for Spottfin Chub (Erimonax Monachus).
30-030	ML12171A429	05/31/2010	FWS 2010 The White-Nose Syndrome Mystery.
30-031	ML12171A204	12/18/2009	Hiwassee Wildlife Refuge, Chickamauga Wildlife Management Area, Yuchi Refuge at Smith Bend & Environs.
30-032	ML12170A163	01/01/1995	Integrated Resource Plan Environmental Impact Statement Energy Vision 2020.
30-033	ML12171A189	03/31/2010	Integrated Resource Plan, TVA's Environmental & Energy Future.
30-034	ML12167A212	06/14/2012	IR 05000391-12-604, on 04/01/2012 - 05/19/2012, Watts Bar Nuclear Plant, Unit 2, Construction - NRC Integrated Inspection Report.
30-035	ML12170A297	01/24/2007	Map, Yuchi Refuge at Smith Bend.
30-036	ML12171A331	10/31/2009	Notes on Foraging Activity of Female Myotis Leibii in Maryland.
30-037	ML12171A301	09/30/2004	Notice of Inquiry Comment Review Avian / Communication Tower Collisions Final.
30-038	ML12170A396	01/01/2002	NREL 2002 Solar Radiation.
30-039	ML12171A292	12/15/2009	Rhea County 2009. County Website.
30-040	ML12170A515	05/31/2010	Single Nuclear Unit at the Bellefonte Plant Site 2010.
30-041	ML12173A457	01/31/1979	Southeastern Fish Council, Proceedings - Whatever Happened to the Silvery Minnow (Hybognathus Nuchalis) 1979.
30-042	ML12171A258	03/13/2010	TDEC 2010 Emery River Water Sample_20100313_WEB.
30-043	ML12170A038	02/29/2008	Tennessee Aquatic Nuisance Species Management Plan.

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30-044	ML12164A673	06/11/2012	Tennessee Valley Authority - 90-Day Response to NRC Request for Information Pursuant to 10CFR50.54(f) Re: Seismic Aspects of Recommendations 2.1 of the Near-Term Task Force Review of Insights from Fukushima Dai-ichi Accident.
30-045	ML12172A412	06/18/2012	Tennessee Valley Authority - Reply to Notice of Violation 05000391-10-603-08 - Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers - Revised Response.
30-046	ML12170A464	09/30/2003	The Role of Renewable Energy in Reducing Greenhouse Gas Buildup.
30-047	ML12171A195	12/18/2009	TVA, 2009 Cultural Resources.
30-048	ML12171A192	08/31/1995	TVA, Financial Problems Raise Questions About Long-term Viability.
30-049	ML12171A245	08/17/2010	TVA, Watts Bar, NPDES Permit No. TN0020168 - Permit Modification Request - Addition of Unit 2 Operation.
30-050	ML12170A200	01/01/2009	TWRA 2009 WMASeasons.
30-051	ML12171A268	02/01/1998	USGS 1998 Lower Tenn. River Study.
30-052	ML12171A276	09/09/2009	USGS 2002 Tapestry_of_Time.
30-053	ML12171A068	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 1.0 Introduction and General Description of Plant.
30-054	ML12171A069	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 2.0 Site Characteristics.
30-055	ML12171A070	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 2.4 Hydrologic Engineering.
30-056	ML12171A072	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 2.5 Geology, Seismology, and Geotechnical Engineering Summary of Foundation Conditions.
30-057	ML12171A075	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 3.0 Design of Structures, Components, Equipment, and Systems.
30-058	ML12171A076	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 3.6 Protection Against Dynamic Effects Associated with the Postulated Rupture of Piping.
30-059	ML12171A077	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 3.8 Design of Category I Structures.
30-060	ML12171A078	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 3.8 Foundation and Concrete Supports.
30-061	ML12171A079	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, 4.0 Reactor.

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30-062	ML12171A122	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-11, Geologic Section Through Plant Area.
30-063	ML12171A124	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-222, Borrow Investigation.
30-064	ML12171A125	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-281, Sht 1, Category I Conduit Banks Section F-F Sheet 1 of 2.
30-065	ML12171A126	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-281, Sht 2, Category I Conduit Banks Section F-F Sheet 1 of 2.
30-066	ML12171A121	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-3, Subregional Geologic Section.
30-067	ML12171A127	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-549, ERCW Pipeline Section A-A, Sheet 1 of 4.
30-068	ML12171A128	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-549, ERCW Pipeline Section A-A, Sheet 2 of 4.
30-069	ML12171A129	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-549, ERCW Pipeline Section A-A, Sheet 3 of 4.
30-070	ML12171A130	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-549, ERCW Pipeline Section A-A, Sheet 4 of 4.
30-071	ML12171A131	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-550, ERCW Pipeline Section B-B.
30-072	ML12171A132	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-551, ERCW Pipeline Section C-C.
30-073	ML12171A133	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-554, Category I Electrical Conduits, Section F-F. Sheet 1 of 2.
30-074	ML12171A134	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-554, Category I Electrical Conduits, Section F-F. Sheet 2 of 2.

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30-075	ML12171A135	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-555, Category I Electrical Conduits, Section G-G.
30-076	ML12171A136	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-556, Category I Electrical Conduits, Section H-H.
30-077	ML12171A137	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 1 of 4.
30-078	ML12171A138	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 2 of 4.
30-079	ML12171A139	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 3 of 4.
30-080	ML12171A140	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 4 of 4.
30-081	ML12171A141	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-572, ERCW Pipeline, Section B-B.
30-082	ML12171A142	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-573, ERCW Pipeline, Section C-C.
30-083	ML12171A143	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-576, Category I Electrical Conduits, Section F-F. Sheet 1 of 2.
30-084	ML12171A144	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-576, Category I Electrical Conduits, Section F-F. Sheet 2 of 2.
30-085	ML12171A146	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-577, Category I Electrical Conduits, Section G-G.
30-086	ML12171A147	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-578, Category I Electrical Conduits, Section H-H.
30-087	ML12171A148	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-579, Miscellaneous ERCW Piping and IE Conduit Soil Borings.
30-088	ML12171A149	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-583, Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary.

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30-089	ML12171A150	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-588.
30-090	ML12171A151	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-589.
30-091	ML12171A123	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Figure 2.5-71, Graphic Log and Elastic Moduli STA. L-61+00.
30-092	ML12171A162	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-59, Underground Barrier Trench A STA 3 + 78.
30-093	ML12171A161	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-594, Underground Barrier Trench A STA 1+78.
30-094	ML12171A163	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-596, Underground Barriers Trench A STA 5 + 78.
30-095	ML12171A164	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-597, Underground Barriers Trench A STA 7 + 78.
30-096	ML12171A165	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-602, Underground Barriers Trench B STA 1 + 00.
30-097	ML12171A166	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-603, Underground Barriers Trench B STA 2 + 50.
30-098	ML12171A167	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-604, Underground Barriers Trench B STA 3-1-00.
30-099	ML12171A169	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, FSAR 2.5-605, Underground Barriers Trench B STA 4 + 50.
30-100	ML12171A067	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, List of Revised Pages.
30-101	ML12171A071	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Pages 2.4-196 - 2.4-245.

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30-102	ML12171A074	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Pages 2.5-181 - 2.5-610 Index Map - Earthquakes 6.3 Richter or Greater Latitude 30-37 North Longitude 78-92 West.
30-103	ML12171A073	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Pages 2.5-44 - 2.5-180 Geology, Seismology, and Geotechnical Engineering Summary of Foundation Conditions.
30-104	ML12171A106	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 10.0, Main Steam and Power Conversion Systems.
30-105	ML12171A107	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 11.0, Radioactive Waste Management.
30-106	ML12171A109	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 12.0, Radiation Protection.
30-107	ML12171A110	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 13.0, Conduct of Operations.
30-108	ML12171A111	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 14.0, Initial Test Program.
30-109	ML12171A112	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 15.0, Accident Analyses.
30-110	ML12171A113	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 16.0, Technical Specifications.
30-111	ML12171A114	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 17.0, Quality Assurance.
30-112	ML12171A082	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 6.0, Engineered Safety Features - Page end.
30-113	ML12171A081	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 6.0, Engineered Safety Features - Pages Continue.
30-114	ML12171A083	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 7.0, Instrumentation and Controls.

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30-115	ML12171A084	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 8.0, Electric Power.
30-116	ML12171A105	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 9.0, Auxiliary Systems - Page End.
30-117	ML12171A104	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 9.0, Auxiliary Systems - Pages Continue.
30-118	ML12171A103	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Table 6.2.4-1 Page 1 of 69 through Page 64 of 69.
30-119	ML12171A066	08/12/2011	Watts Bar Nuclear Plant (WBN) - Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Table of Contents.
30-120	ML12184A042	06/27/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - Submittal of Non-Proprietary Information Related to Final Safety Analysis Report Chapter 15 Transient Analysis.
30-121	ML12171A080	08/12/2011	Watts Bar Nuclear Plant (WBN), Unit 2 - Final Safety Analysis Report (FSAR), Amendment 105, Section 5.0, Reactor Coolant System.
30-122	ML12170A104	08/31/1998	Watts Bar Nuclear Plant Supplemental Condenser Cooling Water Project.
30-123	ML12174A139	06/22/2012	Watts Bar Nuclear Plant Unit 2 - Acknowledgement To Reply To Notice Of Violation 05000391-10-603-08 - Failure To Adequately Evaluate And Qualify Molded Case Circuit Breakers - Revised Response Dated June 18, 2012.
30-124	ML12170A174	04/30/2005	Watts Bar Nuclear Plant, Unit 1, Replacement of Steam Generators.
30-125	ML12167A221	06/13/2012	Watts Bar Nuclear Plant, Unit 2 - Response to Request for Additional Information Regarding Final Safety Analysis Report Amendment Related Section 3.11 - Revised Response (TAC No. ME2731).
30-126	ML12170A350	12/31/2009	Watts Bar Reservoir Land Management Plan Errata Sheet TVA 2009.
30-127	ML12170A325	02/28/2009	Watts Bar Reservoir Land Management Plan February 2009.

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30-128	ML12167A320	06/14/2012	Watts Bar, Unit 2 - NUREG-0847 Supplemental Safety Evaluation Report (SSER) Related to the Operation of Watts Bar, Unit 2, Appendix HH Open Item 41 - Emergency Response Data System (ERDS) and Inspection Planning and Scheduling Item No. 519.
30-129	ML12174A431	06/12/2012	Watts Bar, Unit 2 - Preoperational Test - 2-PTI-099-03, Rev 0, "Reactor Protection System Operational Check", Pages 1 to 399 of 763.
30-130	ML12174A429	06/20/2012	Watts Bar, Unit 2 - Submittal of Pre-op Test Instruction.
30-131	ML12165A535	06/11/2012	Watts Bar, Unit 2 and Bellefonte - Distribution List for TVA Nuclear Construction (NC) Projects.
30-132	ML12170A919	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-11, "Geologic Section through Plant Area."
30-133	ML12170A921	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-222, "Borrow Investigation."
30-134	ML12170A922	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-281, "Category I, Conduit Banks Section F-F Sheet 1 of 2." Sheet 1.
30-135	ML12170A924	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-281, "Category I, Conduit Banks Section F-F Sheet 1 of 2." Sheet 2.
30-136	ML12170A918	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-3, "Subregional Geological Section."
30-137	ML12170A925	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-549, "ERCW Pipeline Section A-A." Sheet 1 of 4.
30-138	ML12170A926	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-549, "ERCW Pipeline Section A-A." Sheet 2 of 4.
30-139	ML12170A927	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-549, "ERCW Pipeline Section A-A." Sheet 3 of 4.
30-140	ML12170A928	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-549, "ERCW Pipeline Section A-A." Sheet 4 of 4.

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30-142	ML12170A939	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-551, "ERCW Pipeline Section C-C."
30-143	ML12170A940	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-554, "Category 1 Electrical Conduits Section F-F." Sheet 1 of 2.
30-144	ML12170A929	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-554, "Category 1 Electrical Conduits Section F-F." Sheet 2 of 2.
30-145	ML12170A931	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-555, "Category 1 Electrical Conduits Section G-G."
30-146	ML12170A932	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-556, "Category 1 Electrical Conduits Section H-H."
30-147	ML12170A933	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-571, "ERCW Pipeline Section A-A." Sheet 1 of 4.
30-148	ML12170A934	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-571, "ERCW Pipeline Section A-A." Sheet 2 of 4.
30-149	ML12170A937	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-571, "ERCW Pipeline Section A-A". Sheet 4 of 4.
30-150	ML12170A935	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-571, "ERCW Pipeline Section A-A". Sheet 3 of 4.
30-151	ML12170A960	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-572, "ERCW Pipeline Section B-B".
30-152	ML12170A961	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-573, "ERCW Pipeline Section C-C".
30-153	ML12170A962	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-576, "Category I Electrical Conduits Section F-F". Sheet 1 of 2.
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30-156	ML12170A965	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-578, "Category I Electrical Conduits Section H-H".
30-157	ML12170A967	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-579, "Miscellaneous ERCW Piping and IE Conduit Soil Borings".
30-158	ML12170A968	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-583, "Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary".
30-159	ML12170A969	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-588.
30-160	ML12170A955	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-589.
30-161	ML12170A957	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-594, " Underground Barrier Trench A STA 1 + 78".
30-162	ML12170A970	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-595, "Underground Barrier Trench A STA 3 + 78".
30-163	ML12170A972	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-596, "Underground Barrier Trench A STA 5 + 78".
30-164	ML12170A973	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-597, "Underground Barrier Trench A STA 7 + 78".
30-165	ML12170A974	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-602, "Underground Barrier Trench B STA 1 + 00".
30-166	ML12170A975	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-603, "Underground Barrier Trench B STA 2 + 50".
30-167	ML12170A976	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Figure 2.5-604, "Underground Barrier Trench B STA 3-1-00".
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30-170	ML12170A564	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, List of Revised Pages.
30-171	ML12170A565	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 1.0, Introduction and General Description of Plant.
30-172	ML12170A609	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 10.0, Main Steam and Power Conversion Systems through Figure 10.4-37.
30-173	ML12170A610	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 11.0, Radioactive Waste Management.
30-174	ML12170A611	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 12.0, Radiation Protection.
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30-176	ML12170A614	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 14.0, Initial Test Program.
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30-179	ML12170A620	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 17.0, Quality Assurance.
30-180	ML12170A568	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 2.0, Site Characteristics through Section 2.3, Meteorology, Figure 2.3-29.
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30-184	ML12170A573	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 2.5, Geology, Seismology, and Geotechnical Engineering Summary of Foundation Conditions, Figure 2.5-181 through Figure 2.5-610.
30-185	ML12170A571	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 2.5, Geology, Seismology, and Geotechnical Engineering Summary of Foundation Conditions, Table 2.5-44 through Figure 2.5-180.
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30-187	ML12170A576	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 3.6, Protection Against Dynamic Effects Associated with the Postulated Rupture of Piping through Section 3.7, Seismic Design, Figure 3.7-45.
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30-190	ML12170A598	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 4.0, Reactor through Section 4.4, Figure 4.4-6.
30-191	ML12170A600	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 5.0, Reactor Coolant System through Section 5.6, Instrumentation Application.
30-192	ML12170A601	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 6.0, Engineered Safety Features through Table 6.2.6-4.
30-193	ML12170A604	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 6.3, Emergency Core Cooling System through Section 6.9, Motor-Operated Valve (MOV) Programs.
30-194	ML12170A589	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 7.0, Instrumentation and Controls through Figure 7A-6.
30-195	ML12170A591	09/15/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 106, Section 8.0, Electric Power through 8E, Probability/Reliability Analysis of Protection Device Schemes for Associated and Non-Class 1E Cables.

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30-208	ML12178A257	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-549, ERCW Pipeline Section A-A. Sheet 4 of 4.
30-209	ML12178A258	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-550, ERCW Pipeline Section B-B.

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30-212	ML12178A261	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-554, Category I Electrical Conduits, Section F-F. Sheet 2 of 2.
30-213	ML12178A262	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-555, Category I Electrical Conduits, Section G-G.
30-214	ML12178A263	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-556, Category I Electrical Conduits, Section H-H.
30-215	ML12178A264	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 1 of 4.
30-216	ML12178A265	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 2 of 4.
30-217	ML12178A267	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 3 of 4.
30-218	ML12178A271	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-571, ERCW Pipeline, Section A-A. Sheet 4 of 4.
30-219	ML12178A336	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-572, ERCW Pipeline, Section B-B.
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30-221	ML12178A339	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-576, Category I Electrical Conduits Section F-F. Sheet 1 of 2.
30-222	ML12178A330	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-576, Category I Electrical Conduits Section F-F. Sheet 2 of 2.
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30-232	ML12178A348	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-597, Underground Barrier Trench A STA 7 + 78.
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30-235	ML12178A351	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-604, Underground Barrier Trench B STA 3 + 00.
30-236	ML12178A352	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Figure 2.5-605, Underground Barrier Trench B STA 4 + 50.
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30-248	ML12178A135	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Section 2 - Site Characteristics through Figure 2.3-29.
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30-256	ML12178A182	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Section 3.8 - Design of Category I Structures through Figure 3.8.4-80.
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30-262	ML12178A189	11/17/2011	Watts Bar, Unit 2, Final Safety Analysis Report, Amendment 107 - Section 7 - Instrumentation and Controls.
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30-268	ML12174A432	06/20/2012	Watts, Unit 2 - Preoperational Test - Reactor Protection System Operational Check, Pages 400 of 763 through End.
30-269	ML12171A372	05/26/2010	White-Nose Syndrome - U.S. Fish & Wildlife Service.
30-270	ML12170A492	01/01/2004	Wind Energy As A Siting Criteria for Potential Wind Parks 2004.

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30-P002	ML12164A678	06/11/2012	Emergency Planning	Tennessee Valley Authority - 90-Day Response to NRC Request for Information Pursuant to 10CFR50.54(f) Re: Recommendation 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident.
30-P003	ML12181A531	06/27/2012	Fire Protection	Watts Bar Nuclear Plant (WBN), Unit 2 - Resolution of Concerns with Fire Protection Report (FPR) Operator manual Action (OMA) 732 and Response to Requests for Additional Information.
30-P004	ML12173A417	06/07/2012	Fire Protection	Watts Bar, Enclosures 1 and 2, Unit 1/Unit 2 As-Designed "Fire Protection Report," and Summary of Changes Made in the As-Designed Fire Protection Report (FPR), Part 1 of 2.
30-P005	ML12173A419	06/07/2012	Fire Protection	Watts Bar, Enclosures 1 and 2, Unit 1/Unit 2 As-Designed "Fire Protection Report," and Summary of Changes Made in the As-Designed Fire Protection Report (FPR), Part 2 of 2.
30-P006	ML12173A418	06/07/2012	Fire Protection	Watts Bar, Unit 2, Transmittal of Revised Unit 1/Unit 2 As-Designed Fire Protection Report.

July 13, 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 July 13, 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
Washington, DC 20555
Telephone: (301)415-2048
E-mail: Justin.Poole@nrc.gov

Executed in Rockville Maryland
this 13th day of July, 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 July 13, 2012, have been served upon the following by the Electronic Information Exchange, this 13th day of July, 2012:

Administrative Judge
Lawrence G. McDade, Chair
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Mail Stop: T-3 F23
Washington, DC 20555-0001
E-mail: lqm1@nrc.gov

Office of Commission Appellate
Adjudication
U.S. Nuclear Regulatory Commission
Mail Stop: O-16G4
Washington, DC 20555-0001
E-mail: OCAAMAIL.resource@nrc.gov

Administrative Judge
Paul B. Abramson
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Mail Stop: T-3 F23
Washington, DC 20555-0001
E-mail: pba@nrc.gov

Office of the Secretary
Attn: Rulemaking and Adjudications Staff
Mail Stop: O-16G4
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
E-mail: Hearing.Docket@nrc.gov

Administrative Judge
Gary S. Arnold
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Mail Stop: T-3 F23
Washington, DC 20555-0001
E-mail: gsa1@nrc.gov

Edward Vigluicci, Esq.
Christopher C. Chandler, Esq.
Scott A. Vance, Esq.
Tennessee Valley Authority
400 West Summit Hill Drive, WT 6A-K
Knoxville, TN 37902
E-mail: ejvigluicci@tva.gov
ccchandler0@tva.gov
savance@tva.gov

Kathryn M. Sutton, Esq.
Paul M. Bessette, Esq.
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, D.C. 20004
E-mail: ksutton@morganlewis.com
E-mail: pbessette@morganlewis.com

Diane Curran
for Southern Alliance for Clean Energy
(SACE)
Harmon, Curran, Spielberg & Eisenberg, LLP
1726 M Street N.W., Suite 600
Washington, DC 20036
E-mail: dcurran@harmoncurran.com

/Signed (electronically) by/

David E. Roth
Counsel for NRC Staff
U.S. Nuclear Regulatory Commission
Office of the General Counsel
Mail Stop O15-D21
Washington, DC 20555
Telephone: (301) 415-2321
E-mail: David.Roth@nrc.gov
Signed: July 13, 2012