



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555 - 0001

June 15, 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 29 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

- 2 -

June 15, 2012

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

On or around June 15, 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 15, 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 – June 15, 2012**

ID#	Accession Number	Document Date	Title
29-001	ML12150A036	05/25/2012	05/22/2012 Summary of Public Meeting With Tennessee Valley Authority to Discuss the Status of the Watts Bar Unit 2 Construction Project.
29-002	ML12104A197	04/12/2012	2012/04/12 Watts Bar 2 OL - FW: TVA letter to NRC_04-12-2012_Fire Protection Report RAI Response
29-003	ML12142A023	05/15/2012	2012/05/15 Watts Bar 2 OL - RE: DRAFT Need for clarification on Fire Protection Report
29-004	ML12142A031	05/15/2012	2012/05/15 Watts Bar 2 OL - TVA letter to NRC_05-15-12_2-PTI-052-01 transmittal to NRC
29-005	ML12142A024	05/17/2012	2012/05/17 Watts Bar 2 OL - RE: DRAFT Need for clarification on Fire Protection Report
29-006	ML12142A026	05/17/2012	2012/05/17 Watts Bar 2 OL - Request for Additional Information regarding Fire Protection review group 10
29-007	ML12142A028	05/17/2012	2012/05/17 Watts Bar 2 OL - TVA letter to NRC_05-17-12 CP Extension Request
29-008	ML12142A030	05/17/2012	2012/05/17 Watts Bar 2 OL - TVA letter to NRC_05-17-12_GSI 2004 02 Low Fiber Submittal
29-009	ML12163A043	06/05/2012	2012/06/05 Watts Bar 2 OL - TVA letter to NRC_06-05-12_2-PTI-067-01 transmittal to NRC
29-010	ML12163A050	06/06/2012	2012/06/06 Watts Bar 2 OL - TVA letter to NRC_06-05-12 Fuel Storage TS Submittal
29-011	ML12163A053	06/07/2012	2012/06/07 Watts Bar 2 OL - Request for Additional Information on Fire Protection
29-012	ML12163A048	06/07/2012	2012/06/07 Watts Bar 2 OL - TVA letter to NRC_06-07-12_Response to SSER Open Item 26
29-013	ML12163A052	06/07/2012	2012/06/07 Watts Bar 2 OL - TVA letter to NRC_06-07-12_Response to SSER Open Item 30
29-014	ML12163A049	06/07/2012	2012/06/07 Watts Bar 2 OL - TVA Letter to NRC_2012-06-07_Response to Violation 391-2012612-01
29-015	ML12156A060	03/21/2012	ARRA 2012 _ Recipient Project Summary - K-33 DnD.

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

**HEARING FILE INDEX**

**Supplemental Disclosures – June 15, 2012**

ID#	Accession Number	Document Date	Title
29-016	ML12156A064	03/21/2012	ARRA 2012 _ Recipient Project Summary Biology Complex DnD.
29-017	ML12156A082	03/21/2012	ARRA 2012 _ Recipient Project Summary Oak Ridge.
29-018	ML12156A085	03/21/2012	ARRA 2012 _ Recipient Project Summary TRU Waste Processing Center.
29-019	ML12146A315	05/25/2012	ATSDR 1996 Health consultation Lower Watts Bar Op Unit
29-020	ML12146A322	11/30/2008	Bohac and McCall 2008 Water Supply Report to 2030.
29-021	ML12146A326	07/08/1982	Brady et al 1982 Gray Bat Recovery Plan.
29-022	ML12136A439	01/14/2011	Brown Ferry, Unit 1, 2 & 3, Sequoyah, Units 1 & 2 Watts Bar, Unit 1 & 2 Bellefonte, Unit 1 - Responses to Hydrology Action Items.
29-023	ML12159A613	06/08/2012	Browns Ferry, Units 1, 2, and 3, Sequoyah, Units 1 & 2, and Watts Bar, Units 1 & 2 - Review of 60-Day Response to Request for Information Regarding Recommendation 9.3, of the Near-Term Task Force Related to the Fukushima Daiichi Nuclear Power Plant.
29-024	ML12146A356	06/07/1991	Effects of Hydroelectric Turbine Passage on Fish Early Life Stages.
29-025	ML12097A509	05/11/2012	Prioritization Of Response Due Dates For Request For Information Pursuant To 10 CFR 50.54(f) Regarding Flooding Hazard Reevaluations For Recommendation 2.1 Of The Near-Term Task Force Review Of Insights From The Fukushima Dai-ichi Accident.

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

**HEARING FILE INDEX**

**Supplemental Disclosures – June 15, 2012**

ID#	Accession Number	Document Date	Title
29-026	ML12139A052	05/18/2012	Response to Corrective Actions with TIA for Watts Bar Unit 2 Notice of Violation (NOV) 05000391-10-603-08.
29-027	ML12109A428	05/17/2012	Watts Bar Final TIA 4 18 12 re circuit breakers.
29-028	ML12143A345	05/17/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - Additional Information to Generic Letter 2004-02, Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors (TAC No. MD6726).
29-029	ML12160A350	06/07/2012	Watts Bar Nuclear Plant (WBN) Unit 2 - NUREG-0847 Supplemental Safety Evaluation Report (SSER) Related to the Operation of Watts Bar Nuclear Plant, Unit 2, Appendix HH Open Item 30 - Power System Degraded Voltage.
29-030	ML12143A346	05/17/2012	Watts Bar Nuclear Plant (WBN), Unit 2 - Request for Extension of Construction Permit CPPR-92.
29-031	ML12163A371	06/05/2012	Watts Bar Nuclear Plant, Unit 2 - Submittal of Pre-op Test Instruction, 2-PTI-067-01, Revision 0.
29-032	ML12138A106	05/15/2012	Watts Bar Nuclear Plant, Unit 2 - Submittal of Pre-op Test Instruction.
29-033	ML12160A063	06/05/2012	Watts Bar Nuclear Plant, Unit 2 - Submittal of Revised Section 4.3, "Fuel Storage," Developmental Revision G of Technical Specification (TS).

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

**HEARING FILE INDEX**

**Supplemental Disclosures – June 15, 2012**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
29-034	ML12160A352	06/07/2012	Watts Bar, Unit 2, Reply to Notice of Violation 391/2012612-01 - Failure to Correct a Condition Adverse to Quality Associated with Containment Spray Pump Layup and Preventive Maintenance.
29-035	ML12160A351	06/07/2012	Watts Bar, Unit 2, Submittal of Additional Information Requested to NUREG-0847 Supplemental Safety Evaluation Report Related to Appendix HH Open Item 26 - Diesel Generator (TAC No. ME0853).

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

**PROTECTED FILE INDEX**

**Supplemental Disclosures – June 15, 2012**

<b>ID #</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
29-P001	ML12163A037	05/31/2012	Fire Protection	2012/05/31 Watts Bar 2 OL - TVA letter to NRC_05-30-2012_FPR RAI Response
29-P002	ML12163A041	06/07/2012	Fire Protection	2012/06/07 Watts Bar 2 OL - TVA letter to NRC_2012-06-07_Transmittal of Fire Protection Report
29-P003	ML12160A471	06/08/2012	Fire Protection	Attachment 1 &#65533; WBN Drawing No. 47W920-7, Rev 18, Powerhouse Auxiliary Building, Mechanical Heating, Ventilating and Air Conditioning.
29-P004	ML12156A302	06/04/2012	Fire Protection	High Pressure Fire Protection Simplified System Drawing.
29-P005	ML12136A446	05/09/2012	Fire Protection	Watts Bar, Unit 2 - Revised Unit 1/Unit 2 As-Designed Fire Protection Report - Correction, Pages I-1 through VI-100.
29-P006	ML12136A447	05/09/2012	Fire Protection	Watts Bar, Unit 2 - Revised Unit 1/Unit 2 As-Designed Fire Protection Report - Correction, Pages VI-101 through VI-535.
29-P007	ML12136A448	05/09/2012	Fire Protection	Watts Bar, Unit 2 - Revised Unit 1/Unit 2 As-Designed Fire Protection Report - Correction, Pages VI-536 through VI-980.
29-P008	ML12136A449	05/09/2012	Fire Protection	Watts Bar, Unit 2 - Revised Unit 1/Unit 2 As-Designed Fire Protection Report - Correction, Pages VII-1 through End.

**ATTACHMENT 2 WATTS BAR OPERATING LICENSE APPLICATION HEARING FILE AND MANDATORY DISCLOSURES****PROTECTED FILE INDEX****Supplemental Disclosures – June 15, 2012**

<b>ID #</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
29-P009	ML12136A445	05/09/2012	Fire Protection	Watts Bar, Unit 2 - Transmittal of Revised Unit 1/Unit 2 As-Designed Fire Protection Report - Correction.
29-P010	ML12153A374	05/30/2012	Fire Protection	Watts, Unit 2, Response to Request for Additional Information (TAC No. ME3091).
29-P011	ML12136A131	05/11/2012	Proprietary	Browns Ferry, Units 1, 2 & 3, Sequoyah, Units 1 & 2, Watts Bar, Units 1 & 2, 60-Day Response to NRC Letter, Request for Information Pursuant to Title 10 of Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, & 9.3, of Near-Term....



June 15, 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 June 15, 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](mailto:Justin.Poole@nrc.gov)

Executed in Rockville Maryland  
this 15th day of June, 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 June 15, 2012, have been served upon the following by the Electronic Information Exchange, this 15<sup>th</sup> day of June, 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](mailto: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](mailto: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](mailto: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](mailto: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: [gxa1@nrc.gov](mailto:gxa1@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](mailto:ejvigluicci@tva.gov)  
[ccchandler0@tva.gov](mailto:ccchandler0@tva.gov)  
[savance@tva.gov](mailto: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](mailto:ksutton@morganlewis.com)  
E-mail: [pbessette@morganlewis.com](mailto: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](mailto: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](mailto:David.Roth@nrc.gov)  
Signed: June 15, 2012