



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

August 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 31 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 -

August 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 August 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 August 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 – August 15, 2012

ID#	Accession Number	Document Date	Title
31-0001	ML12216A369	07/12/2012	2012/07/12 Watts Bar 2 OL - 2012-07-12 - WBN Project Plan - Unit 2.pdf
31-0002	ML12216A370	07/12/2012	2012/07/12 Watts Bar 2 OL - 2012-07-12 - WBN Project Plan - Unit 2.pdf
31-0003	ML12216A372	07/19/2012	2012/07/19 Watts Bar 2 OL - 2012-07-19 - WBN Project Plan - Unit 2.pdf
31-0004	ML12216A386	07/19/2012	2012/07/19 Watts Bar 2 OL - TVA letter to NRC_07-19-2012_OMA 732 Commitment Update
31-0005	ML12216A375	07/23/2012	2012/07/23 Watts Bar 2 OL - 2012-07-23 - WBN Project Plan - Unit 2.pdf
31-0006	ML12216A381	07/30/2012	2012/07/30 Watts Bar 2 OL - 2012-07-30 - WBN Project Plan - Unit 2.pdf
31-0007	ML12216A387	08/01/2012	2012/08/01 Watts Bar 2 OL - TVA letter to NRC_07-31-2012_Vibration Induced Fatigue Submittal
31-0008	ML12227A434	08/06/2012	2012/08/06 Watts Bar 2 OL - 2012-08-06 - WBN Project Plan - Unit 2
31-0009	ML12227A439	08/07/2012	2012/08/07 Watts Bar 2 OL - TVA letter to NRC_08-07-2012_WBN U2 Code Cases N-520-4 & N-520-5
31-0010	ML12223A448	08/06/2009	Bureau of Economic Analysis - Regional Economic Accounts 2009.
31-0011	ML12221A294	12/22/2006	CDC - MMWR - Surveillance for Waterborne Disease and Outbreaks Associated with Recreational Water - U.S., 2003-2004 and Surveillance for Waterborne Disease and Outbreaks Associated with Drinking Water and Water not Intended for Drinking - U.S., 2003-04.
31-0012	ML12221A258	05/26/2000	CDC 2000 Surveillance for Waterborne-Disease Outbreaks - United States, 1997-1998.
31-0013	ML12221A305	09/12/2008	CDC- MMWR - Surveillance for Waterborne Disease and Outbreaks Associated with Recreational Water Use and Other Aquatic Facility-Associated Health Events - U.S., 2005-2006 and Drinking Water and Water not Intended for Drinking - U.S., 2005-2006.
31-0014	ML12221A300	05/21/2008	Centers for Disease Control and Prevention - Division of Foodborne, Bacterial and Mycotic Diseases (DFBMD) - Salmonellosis.
31-0015	ML12221A288	10/22/2004	Centers for Disease Control and Prevention - MMWR - Surveillance for Waterborne-Disease Outbreaks Associated with Recreational Water - United States, 2001-2002 and Surveillance for Waterborne-Disease Outbreaks Associated with Drinking Water - U.S.2001-02
31-0016	ML12221A289	04/22/2005	Centers for Disease Control and Prevention - Morbidity and Mortality Weekly Report - Summary of Notifiable Diseases - United States, 2003.
31-0017	ML12221A295	03/30/2007	Centers for Disease Control and Prevention - Morbidity and Mortality Weekly Report - Summary of Notifiable Diseases - United States, 2005.
31-0018	ML12221A286	04/30/2004	Centers for Disease Control and Prevention - Morbidity and Mortality Weekly Report - Summary of Notifiable Diseases United States, 2002.

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

HEARING FILE INDEX

Supplemental Disclosures – August 15, 2012

ID#	Accession Number	Document Date	Title
31-0019	ML12221A291	06/16/2006	Centers for Disease Control and Prevention - Morbidity and Mortality Weekly Report - Summary of Notifiable Diseases ?United States, 2004.
31-0020	ML12221A280	11/22/2002	Centers for Disease Control and Prevention - Morbidity and Mortality Weekly Report - Surveillance for Waterborne-Disease Outbreaks ?United States, 1999-2000.
31-0021	ML12221A244	10/31/1997	Centers for Disease Control and Prevention. Summary of Notifiable Diseases, United States 1996.
31-0022	ML12221A251	11/20/1998	Centers for Disease Control and Prevention. Summary of Notifiable Diseases, United States, 1997.
31-0023	ML12221A256	12/31/1999	Centers for Disease Control and Prevention. Summary of Notifiable Diseases, United States, 1998.
31-0024	ML12221A269	04/06/2001	Centers for Disease Control and Prevention. Summary of Notifiable Diseases, United States, 1999.
31-0025	ML12221A275	06/14/2002	Centers for Disease Control and Prevention. Summary of Notifiable diseases, United States, 2000.
31-0026	ML12221A283	05/02/2003	Centers for Disease Control and Prevention. Summary of Notifiable Diseases, United States, 2001.
31-0027	ML12221A329	12/31/2010	City of Dayton Water Department - Annual Water Report Water Testing Performed in 2010.
31-0028	ML12221A334	03/30/2012	CTC 2012 CTC's Tennessee Hiking Guide to the Cumberland Trail With Map.
31-0029	ML12223A167	01/01/2009	Department of Energy 2009 Oak Ridge Reservation.
31-0030	ML12199A420	09/08/2008	DOE 2005 - Wind Energy Resource Potential.
31-0031	ML12215A338	02/29/2012	Enclosure 2, WCAP-17309-NP, Rev. 1, "Watts Bar, Unit 2 Evaluation for Tube Vibration Induced Fatigue".
31-0032	ML12199A438	12/12/1997	Environmental Justice - Guidance Under the National Environmental Policy Act 1997.
31-0033	ML12223A174	03/28/2012	Environmental Protection Agency 2012 - Environmental Facility Detail Report - facts Warehouse _ FII - Dayton STP.
31-0034	ML12223A178	03/30/2012	Environmental Protection Agency 2012 - Facility Detail Report - Environmental Facts Warehouse FII - Kingston STP.

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

HEARING FILE INDEX

Supplemental Disclosures – August 15, 2012

ID#	Accession Number	Document Date	Title
31-0035	ML12223A183	03/29/2012	Environmental Protection Agency 2012 - Facility Detail Report - Environmental Facts Warehouse FII - Moccasin Bend WWTP.
31-0036	ML12223A186	01/01/2004	Estimated Use of Water in the Tennessee River Watershed in 2000 and Projections of Water Use to 2030.
31-0037	ML12181A153	08/30/1984	FWS 1984 Recovery Plan, Orange-Footed Pearly Mussel.
31-0038	ML12184A297	08/06/1984	FWS 1984, Rough Pigtoe Recovery Plan.
31-0039	ML12184A115	01/24/1985	FWS 1985 Pink Mucket Recovery Plan.
31-0040	ML12184A123	07/09/1991	FWS 1991, Fanshell Recovery Plan.
31-0041	ML12188A740	12/22/2009	FWS 1992 Snail Darter Species Account.
31-0042	ML12192A110	05/17/2010	FWS 2010 Dromedary Pearkymussel.
31-0043	ML12184A302	03/28/2011	FWS 2011 Sheepnose Fact Sheet Jan 2011.
31-0044	ML12157A304	07/24/2012	SECY-12-0103 - Enclosure 1 - Statistical Status Report - Sixth Report on the Status of Reactivation of Construction and Licensing for Watts Bar Nuclear Plant, Unit 2
31-0045	ML12157A461	07/24/2012	SECY-12-0103 - Enclosure 2 - Future Activities for Watts Bar Unit 2, Reactivation Project Plan
31-0046	ML12152A048	07/24/2012	SECY-12-0103 - Sixth Report on the Status of Reactivation of Construction and Licensing for Watts Bar Nuclear Plant, Unit 2
31-0047	ML12192A626	12/31/2011	Southeast Tennessee Development District Comprehensive Economic Development Strategy 2011.
31-0048	ML12200A106	07/06/2012	Status of 90-Day Response to Request for Information Regarding Recommendation 9.3 of Near-Team Task Force Related to the Fukushima Dai-ichi Nuclear Power Plant Accident.
31-0049	ML12199A449	03/21/2008	Summary of Notifiable Disease - United State, 2006.
31-0050	ML12221A252	12/11/1998	Surveillance for Waterborne-Disease Outbreaks United States, 1995-1996, Cardiovascular Disease Risk Factors and Preventive Practices Among Adults - United States, 1994: A Behavioral Risk Factor Atlas.
31-0051	ML12199A433	09/30/2004	Synthesis of Noise Effects on Wildlife Populations 2004.
31-0052	ML12199A445	02/19/2010	Tennessee Department of Environment and Conservation 2010 Ash Slide at TVA Kingston Fossil Plant.
31-0053	ML12199A442	08/31/2010	Tennessee Department of Environment and Conservation Final 303(d) List 2010.

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

HEARING FILE INDEX

Supplemental Disclosures – August 15, 2012

ID#	Accession Number	Document Date	Title
31-0054	ML12192A368	12/09/2009	Tennessee Department of Health Public Health Assessment 2009.
31-0055	ML12192A131	10/26/2011	Tennessee Department of Labor and Workforce Development 2010 Noise.
31-0056	ML12223A424	01/01/2012	Tennessee Valley Authority 2012 - Kingston Fossil Plant.
31-0057	ML12192A590	03/01/2012	Tennessee Wildlife Resources Agency 2012 Tennessee Commercial Fishing Regulation Summary.
31-0058	ML12199A178	03/31/2010	TVA 2010 John Sevier Fossil Plant EA.
31-0059	ML12192A607	06/22/2011	TVA 2011 Environmental Assessment.
31-0060	ML12199A403	03/31/2011	TVA 2011 Environmental Impact Statement for TVA's Integrated Resource Plan.
31-0061	ML12223A443	01/01/2011	TWRA 2011 - Wildlife Management Area Seasons.
31-0062	ML12199A164	07/01/1997	U.S. Hydropower Resource Assessment for Tennessee.
31-0063	ML12202A010	07/17/2012	Watts Bar and Sequoyah, Units 1 & 2 - Reply to Notice of Violation 05000391/2010603-08 - Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers - Revised Response.
31-0064	ML12207A080	07/19/2012	Watts Bar Nuclear Plant Unit 2 - Resolution of Concerns with Fire Protection Report Operator Manual Action 732 - Commitment Schedule Update (TAC ME3091).
31-0065	ML12215A039	08/01/2012	Watts Bar Nuclear Plant, Unit 2 - Acknowledgement to Reply to Notice of Violation 05000391-2010603-08-Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers - Response Dated July 17, 2012.
31-0066	ML12215A337	07/31/2012	Watts Bar Nuclear Plant, Unit 2 - Evaluation for Tube Vibration-Induced Fatigue.
31-0067	ML12214A369	07/30/2012	Watts Bar Nuclear Plant, Unit 2 - NUREG-0847 Supplemental Safety Evaluation Report (SSER) Related to the Operation of WBN Unit 2, Appendix HH Open Item 5 and 8 - Core Map.
31-0068	ML12222A144	08/07/2012	Watts Bar Nuclear Plant, Unit 2 - Request to Use America Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Code Cases N-520-4 and N-520-5, "Alternative Rules for Renewal of Active or Expired N-Type Certificates for Plants Not...
31-0069	ML12223A455	01/02/2010	Watts Bar Utility District 2010 CCR Watts Bar 872 Water Supply.

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

ID #	Accession Number	Document Date	Protected Reason	Title
31-P0001	ML12181A218	06/27/2012	Fire Protection	2012/06/27 Watts Bar 2 OL - TVA letter to NRC_FPR OMA 732 Resolution
31-P0002	ML12216A361	07/30/2012	Proprietary	2012/07/30 Watts Bar 2 OL - TVA letter to NRC_07-30-12 Response to SSER Open Item 5 and 8 Submittal
31-P0003	ML12214A370	07/30/2012	Proprietary	Enclosure 1, Watts Bar, Unit 2 - Cycle 1 End of Cycle Average Assembly Burnup (Proprietary).
31-P0004	ML12215A339	02/29/2012	Proprietary	Enclosure 1, WCAP-17309-P, Rev. 1, "Watts Bar, Unit 2 - Evaluation for Tube Vibration Induced Fatigue".

August 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 August 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

Executed in Rockville Maryland
this 15th day of August, 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 August 15, 2012, have been served upon the following by the Electronic Information Exchange, this 15th day of August, 2012:

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