

July 15, 2010

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

L. McDade
P. Abramson
G. Arnold

- 2 -

July 15, 2010

On or around July 15, 2010, 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://ehd.nrc.gov/EHD_Proceeding/home.asp. 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 July 15, 2010.

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 – July 15, 2010

ID#	Accession Number	Document Date	Title
06-0001	ML101450084	06/23/2010	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Licensee's Final Safety Analysis Report Amendment Related to Reactor Systems, Nuclear Performance and Code Review, ANSD Plant Systems (TAC No. ME2731).
06-0002	ML101530474	07/02/2010	Watts Bar Nuclear Power Plant, Unit 2 - Request for Additional Information Regarding Licensee's Final Safety Analysis Report Amendment Related to Mechanical and Civil Engineering Systems (TAC No. ME2731).
06-0003	ML101540250	06/24/2010	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Licensee's Final Safety Analysis Report Amendment Related to Nuclear Performance and Code Review, Plant Systems, and Testing (Tac Nos. ME2731 and ME3091).
06-0004	ML101540477	06/15/2010	Watts Bar Nuclear Plant, Unit 2 - Review of Radiological Emergency Response Plan (TAC ME0853).
06-0005	ML101600026	07/08/2010	Watts Bar, Unit 2, Request for Additional Information Regarding Licensee's Final Safety Analysis Report, Amendment Related to Quality and Vendor Branch Review.
06-0006	ML101620047	07/07/2010	Watts Bar, Unit 2, Request for Additional Information Regarding Licensee's Final Safety Analysis Report, Amendment Related to Spent Fuel Storage and Handling Review.
06-0007	ML101650199	06/11/2010	2010/06/11 Watts Bar 2 OL - For Your Review - Watts Bar Unit 2 - Preliminary RAIs - SBPB - FSAR 9.1
06-0008	ML101680072	06/23/2010	Watts Bar, Unit 2, Supplemental Request for Additional Information Regarding Individual Plant Examination.
06-0009	ML101680561	06/17/2010	Watts Bar, Unit 2 - Preservice Inspection Program Plan and Additional Information.
06-0010	ML101720050	07/02/2010	Watts Bar Nuclear Plant, Unit 2 - Letter, Program for Construction Refurbishment (TAC No. ME1708).
06-0011	ML101730175	06/21/2010	Watts, Unit 2, Instrumentation and Controls Staff Information Requests.
06-0012	ML101740152	06/24/2010	Watts Bar Nuclear Plant, Unit 2 - Letter, Notice of Receipt of Update Antitrust Information and Opportunity for Public Comment (TAC ME0853).
06-0013	ML101740157	06/24/2010	Watts Bar Nuclear Plant, Unit 2 - Notice of Receipt of Update Antitrust Information and Opportunity for Public Comment.
06-0014	ML101760222	06/25/2010	Watts Bar, Unit 2 - Request to Use ASME Boiler and Pressure Vessel Code, Code Case N-520-3, "Alternative Rules for Renewal of Active or Expired N-Type Certificates for Plants Not in Active Construction, Section III, Division 1".

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

HEARING FILE INDEX

Supplemental Disclosures – July 15, 2010

ID#	Accession Number	Document Date	Title
06-0015	ML101820156	06/18/2010	2010/06/18 Watts Bar 2 OL - Updated Open Items List
06-0016	ML101820415	07/02/2010	07/20/2010 Notice of Meeting with Tennessee Valley Authority (TVA) to Discuss Watts Bar, Unit 2, Final Safety Analysis Report Submittals.
06-0017	ML101820478	07/01/2010	Watts Bar Nuclear Plant, Unit 2 - Revised Notice of Receipt of Update Antitrust Information and Opportunity for Public Comment (TAC No. ME0853).
06-0018	ML101870617	06/30/2010	Watts Bar Nuclear Plant (WBN) Unit 2 - Additional Information Regarding Final Safety Analysis Report (FSAR), Chapter 7, "Instrumentation and Controls" Review - Requested Common Q Proprietary Documents.
06-0019	ML101870619	06/30/2010	WNA-LI-00058-WBT-NP, Revision 0, "Tennessee Valley Authority (TVA) Watts Bar Unit 2 (WBN2) Post-Accident Monitoring System (PAMS) Licensing Technical Report."
06-0020	ML101930470	07/02/2010	Watts Bar, Unit 2 - Submittal of Additional Information Requested During May 12, 2010, Request for Additional Information (RAI) Clarification Teleconference Regarding Environmental Review.
06-0021	ML101940236	06/18/2010	Watts Bar, Unit 2 - Instrumentation and Controls Staff Information Requests.
06-0022	ML101960486	07/06/2010	2010/07/06 Watts Bar 2 OL - TVA letter to NRC - ER RAI Clarification Response
06-0023	ML101960623	07/06/2010	2010/07/06 Watts Bar 2 OL - FW: TVA letter to NRC - ER RAI Clarification Response
06-0024	ML101960624	07/08/2010	2010/07/08 Watts Bar 2 OL - FW: Agenda for Today's NRC Phone Call
06-0025	ML101960625	07/08/2010	2010/07/08 Watts Bar 2 OL - For Your Action - Watts Bar Unit 2 - GL 1995-07
06-0026	ML101960626	07/06/2010	2010/07/06 Watts Bar 2 OL - NUREG-0847 Appendices
06-0027	ML101960627	07/14/2010	2010/07/14 Watts Bar 2 OL - RE: Watts Bar, Unit 2 - Submittal of Additional Information Requested During May 12, 2010, Request for Additional Information (RAI) Clarification Teleconference Regarding Environmental Review. 7/2/2010
06-0028	ML101960628	07/15/2010	2010/07/15 Watts Bar 2 OL - Bucket List

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

PROTECTED FILE INDEX

Supplemental Disclosures – July 15, 2010

ID#	Accession Number	Document Date	Protection under 2.390	Title
06-P001	ML101680576	03/12/2010	Proprietary	Watts Bar, Unit 2 - Additional Information Regarding Final Safety Analysis Report, Chapter 7, "Instrumentation and Controls," Review.
06-P002	ML101680577	03/12/2010	Proprietary	Watts Bar, Unit 2 - Response to Requests for Additional Information re Unit 2 I&C Systems.
06-P003	ML101680578	12/31/2009	Proprietary	Watts Bar, Unit 2 - WNA-DS-01617-WBT, Rev 1, "NSSS Completion Program I&C Projects, Post Accident Monitoring System - System Requirements Specification".
06-P004	ML101680579	12/31/2009	Proprietary	Watts Bar, Unit 2 - WNA-DS-01667-WBT, Rev 1, "NSSS Completion Program I&C Projects, Post Accident Monitoring System - System Design Specification".
06-P005	ML101680580	07/30/1999	Proprietary	Sequoyah Nuclear Plant, Units 1 & 2 - 04507007-1TR, "RM-1000 System Verification Test Results, Engineering Report," Cover Page through Section 2.41 FPI.TP.01.
06-P006	ML101680581	07/31/1999	Proprietary	Sequoyah Nuclear Plant, Units 1 & 2 - RM-1000 System Verification Test Results, Engineering Report, Drawing 04508006, Rev A, through Section 2.55 RTCL.TP.02.
06-P007	ML101680582	10/31/2003	Proprietary	RM-1000 Digital Radiation Processor, Technical Manual, Document 04508100-1TM, Revision C, Cover Page through Commercial Parts List.
06-P008	ML101680583	10/31/2003	Proprietary	RM-1000 Digital Radiation Processor, Technical Manual, Document 04508100-1TM, Revision C, Drawing 04508905-1SP, Rev A through Tables 2, 3, and 4.
06-P009	ML101680584	01/31/2001	Proprietary	04508905-QR, Rev 1, "Qualification Test Report for RM-1000 Processor Module and Current-to-Frequency Converter".
06-P010	ML101680585	10/31/2009	Proprietary	AB419-9002C-ed6, "HP Integrity rx2660 Server User Service Guide," Edition 6.
06-P011	ML101680587	10/31/2003	Proprietary	04508100-1TM, Revision C - RM-1000 Digital Radiation Processor Technical Manual.
06-P012	ML101680588	03/31/2008	Proprietary	Product Data Sheet 00813-0100-4001, Rev. HA, Rosemount 3051 Pressure Transmitter.
06-P013	ML101680589	11/30/2009	Proprietary	Reference Manual 00809-0100-1004, Rev. HA, "Rosemount 3051 Pressure Transmitter with HART Protocol".

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

PROTECTED FILE INDEX

Supplemental Disclosures – July 15, 2010

ID#	Accession Number	Document Date	Protection under 2.390	Title
06-P014	ML101680590	05/31/2009	Proprietary	107OM40XX - Cams Hydrogen Analyzer Operation and Maintenance Manual.
06-P015	ML101680591	02/09/2010	Proprietary	Watts Bar, Unit 2 - 826663-1640, Rev. 0, "Auxiliary Feedwater System, Auxiliary Control Room, Auxiliary Instrument Room, System Description".
06-P016	ML101680592	07/22/2003	Proprietary	Calculation T71 031104 800, Rev. 7: Demonstrated Accuracy Calculation for Source Range and Intermediate Range Neutron Monitoring System.
06-P017	ML101680593	05/14/2009	Proprietary	NPG Calculation T93090521009, Rev. 5: Demonstrated Accuracy Calculation for Reactor Coolant Pump Undervoltage.
06-P018	ML101680594	05/05/2009	Proprietary	NPG Calculation T93090511010, Rev. 4: Demonstrated Accuracy Calculation for Reactor Coolant Pump Underfrequency Relays (81).
06-P019	ML101680598	Package	Proprietary	Watts Bar, Unit 2 - Additional Information Regarding Final Safety Analysis Report, Chapter 7, "Instrumentation and Controls," Review.
06-P020	ML101870618	06/30/2010	Proprietary	Tennessee Valley Authority (TVA) Watts Bar Unit 2 (WBN2) Post-Accident Monitoring System (PAMS) Licensing Technical Report Revision 0.
06-P021	ML101880106	07/01/2010	Security Related	Watts Bar, Unit 2 - Mitigation Strategy Assessments and Closure Processes for Phases 1, 2, and 3.
06-P022	ML101940237	06/18/2010	Proprietary	Enclosure 1, Attachment 4 - Response to License Open Items to be Resolved for SER Approval, RM-1000 Version 1.1 Software Verification Report.
06-P023	ML101960473	07/13/2010	Security Related	2010/07/13 Watts Bar 2 OL - Scanned from MFP-05868353 07/13/2010 12:01 TVA email which included copy of April 27, 2010 response to RAIs regarding radiological emergency plan

July 15, 2010

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 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 15, 2010.

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

A handwritten signature in black ink, appearing to read 'J. Poole', written over a horizontal line.

Justin C. Poole

Executed in Rockville, Maryland
this 15th day of July, 2010

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 AND AFFIDAVIT OF JUSTIN C. POOLE," dated July 15, 2010, have been served upon the following by the Electronic Information Exchange, this 15th day of July, 2010:

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: 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
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
(301) 415-2749
E-mail: David.Roth@nrc.gov
Signed: July 15, 2010