



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555 - 0001

July 14, 2011

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 18 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, 2011

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 15, 2011, 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](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 June 14, 2011.

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 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0001	ML110830114	06/14/2011	Enclosure 2: Safety Evaluation Report for the Special Nuclear Material License Application, Watts Bar Nuclear Plant, Unit 2.
18-0002	ML110830115	06/14/2011	Enclosure 1: Form 374 - Part 70 License for Watts Bar Unit 2.
18-0003	ML110830141	06/15/2011	Letter to A. Bhatnagar: Issuance of Special Nuclear Materials License No. SNM-2014 for Watts Bar Nuclear Plant, Unit 2 (TAC L32918).
18-0004	ML111530523	06/13/2011	Watts Bar Nuclear Plant, Unit 2 - Request for Additional Information Regarding Severe Accident Mitigation Design Alternatives Review - June 2011 (TAC MD8203).
18-0005	ML111640163	06/13/2011	06/23/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
18-0006	ML11164A140	06/09/2011	Watts Bar, Unit 2, Submittal of Pre-op Test Instruction.
18-0007	ML11164A141	06/09/2011	Watts Bar Nuclear Plant (WBN) Unit 2 - Reply to Notice of Violation 05000391/2010603-08 - Failure to Adequately Evaluate and Qualify Molded Case Circuit Breakers - Revised Response.
18-0008	ML11165A217	06/10/2011	Watts Bar, Unit 2 - Cyber Security Implementation Schedule Including Systems Common to WBN, Unit 1.
18-0009	ML11167A060	05/26/2011	2011/05/26 Watts Bar 2 OL - FW: TVA letter to NRC_05-06-2011_RAI Response from Public Meeting on May 12, 2011
18-0010	ML11167A061	06/03/2011	2011/06/03 Watts Bar 2 OL - FW: 6-01-11_WBN U2 FSAR 2 4 Mtg Info to NRC_Letter only
18-0011	ML11167A062	06/03/2011	2011/06/03 Watts Bar 2 OL - TVA letter to NRC_2011-06-03 - WBN U2 FSAR A104
18-0012	ML11167A063	06/06/2011	2011/06/06 Watts Bar 2 OL - FW: 06-06-11_FSAR Chpt 15 5 RAI Letter to NRC
18-0013	ML11167A064	06/08/2011	2011/06/08 Watts Bar 2 OL - TVA letter to NRC_6-07-11_SSER 22 OPEN ITEMS - Response to RAIs
18-0014	ML11167A066	06/09/2011	2011/06/09 Watts Bar 2 OL - TVA letter to NRC_06-09-11_2-PTI-061-02 transmittal to NRC
18-0015	ML11167A067	06/09/2011	2011/06/09 Watts Bar 2 OL - TVA letter to NRC_06-09-2011_Revised Heinemann Circuit Breaker NOV Response

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0016	ML11167A071	06/13/2011	2011/06/13 Watts Bar 2 OL - FW: Updated OI List
18-0017	ML11167A078	06/02/2011	2011/06/02 Watts Bar 2 OL - Presentation package_Part 2 of 2.
18-0018	ML11167A080	06/02/2011	2011/06/02 Watts Bar 2 OL - Presentation package_Part 1 of 2 on Audit of Dams
18-0019	ML11167A098	06/10/2011	Browns Ferry, Units 1, 2 & 3; Sequoyah, Units 1 & 2 and Watts Bar, Units 1 & 2 - Response to NRC Bulletin 2011-01, "Mitigating Strategies".
18-0020	ML11167A110	06/10/2011	Watts Bar Nuclear Plant (WBN) Unit 2 - Instrumentation and Controls Staff Information Requests.
18-0021	ML111680483	06/20/2011	06/30/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 9.5.1 Fire Protection.
18-0022	ML111680488	06/20/2011	06/30/2011 Notice of Meeting with Tennessee Valley Authority to Discuss Watts Bar Nuclear Plant, Unit 2, Final Safety Analysis Report Related to Section 7 Instrumentation and Control.
18-0023	ML11171A510	06/17/2011	Watts Bar, Unit 2, Response To Request For Additional Information Regarding Severe Accident Management Alternative Review (SAMDA).
18-0024	ML11175A356	06/21/2011	Watts Bar Nuclear Plant (WBN), Unit 2 - Submittal of Pre-op Test Instruction.
18-0025	ML11178A155	06/03/2011	Watts Bar Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104.
18-0026	ML11178A157	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 1.0, Introduction & General Description of Plant, through Section 17.2, Quality Assurance for Station Operation.
18-0027	ML11178A158	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, List of Revised Pages 1.1-1 through 17.2-1.
18-0028	ML11178A159	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 1.0, Introduction & General Description of Plant, through Section 1.9, Nuclear Performance Plan.
18-0029	ML11178A160	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 2.0, Site Characteristics, through Figure 2.3-29, Topography Within 10 Mile Radius.
18-0030	ML11178A161	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2.4, Hydrologic Engineering, through Figure 2.4-64.

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0031	ML11178A162	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2.4, Figure 2.4-65 through Figure 2.4-116.
18-0032	ML11178A163	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2.5, Geology, Seismology, & Geotechnical Engineering Summary of Foundation Conditions, through Page 2.5-204.
18-0033	ML11178A164	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2.5, Table 2.5-44, through Figure 2.5-180.
18-0034	ML11178A165	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2.5, Figure 2.5-181, through Figure 2.5-610.
18-0035	ML11178A166	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents - Section 3.0, Design of Structures, Components, Equipment, & Systems, through Page 3.5A-4.
18-0036	ML11178A167	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3.6, Protection Against Dynamic Effects Associated with the Postulated Rupture of Piping, through Figure 3.7-45.
18-0037	ML11178A168	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3.8, Design of Category I Structures, through Figure 3.8.4-80.
18-0038	ML11178A170	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table 6.2.4-1, Page 1 of 69 through Page 64 of 69.
18-0039	ML11178A171	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3.8.5, Foundation & Concrete Supports, through Section 3.12.5, Safety Evaluation.
18-0040	ML11178A172	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 4.0 "Reactor", Through Figure 4.4-6, "Location of Incore Instrumentation System Fixed Incore Detector Core Exit Thermocouples and IITAs (Unit 2)".
18-0041	ML11178A173	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 5.0, "Reactor Coolant System," Through Instrumentation Application 5.6-7.

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0042	ML11178A174	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 6.0 "Engineered Safety Features," Through Table 6.2.6-4 Containment Vessel Pressure and Leak Test Reactor Building Containment Penetration Status.
18-0043	ML11178A175	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 6.3 Emergency Core Cooling System Through 6.9 Motor-Operated Valve (MOV) Programs.
18-0044	ML11178A176	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 7.0 Instrumentation and Controls Through Figure 7A-6 Mechanical Digital Logic Symbols.
18-0045	ML11178A177	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 8.0 "Electric Power," Through Page 8E-11.
18-0046	ML11178A178	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 9.0 "Auxiliary Systems," Through Figure 9.3-21 Watts Bar Nuclear Plant Boric Acid Tank Limits.
18-0047	ML11178A179	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 9.4 Air Conditioning, Heating, Cooling and Ventilation Systems Through Figure 9.5-30 Diesel Exhaust System Piping Schematic.
18-0048	ML11178A180	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 10.0 "Main Steam and Power Conversion Systems," Through Figure 10.4-37 Deleted by Amendment 94.
18-0049	ML11178A181	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 11.0," Through Table 11A-2 Tritium Release For 1972 From Westinghouse Designed Operating Reactors.
18-0050	ML11178A182	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Content, Section 12.0, "Radiation Protection," Through Appendix 12A - Radiation Protection Features for the Tritium Production Program.
18-0051	ML11178A183	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 13.0, "Conduct of Operations," Through References 13.7-2.

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0052	ML11178A184	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 14.0, "Initial Test Program" Through Figures 14.2-2 Power Ascension Test Schedule.
18-0053	ML11178A185	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 15.0, "Accident Analyses," Through Table 15A-2 Accident Atmospheric Dilution Factors (sec/m3).
18-0054	ML11178A186	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 16.0 - Technical Specifications.
18-0055	ML11178A187	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents, Section 17.0 - Quality Assurance.
18-0056	ML11178A188	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-3, "Subregional Geologic Section".
18-0057	ML11178A189	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104. Figure 2.5-11, "Geologic Section Through Plant Area."
18-0058	ML11178A190	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-71, "Graphic Log and Elastic Module, STA L-61+00."
18-0059	ML11178A191	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-222, "Borrow Investigation."
18-0060	ML11178A192	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-281, "Category 1 Conduit Banks, Section F-F." Sheet 1 of 2.
18-0061	ML11178A193	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-281, "Category 1, Conduit Banks, Section F-F." Sheet 2 of 2.
18-0062	ML11178A194	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-549, "ERCW Pipeline, Section A-A." Sheet 1 of 4.
18-0063	ML11178A195	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-549, "ERCW Pipeline, Section A-A." Sheet 2 of 4.
18-0064	ML11178A196	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-549, "ERCW Pipeline, Section A-A." Sheet 3 of 4.
18-0065	ML11178A197	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-549, "ERCW Pipeline, Section A-A." Sheet 4 of 4.



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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0066	ML11178A198	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-550, "ERCW Pipeline, Section B-B."
18-0067	ML11178A199	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-551, "ERCW Pipeline Section C-C."
18-0068	ML11178A200	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-554, "Category 1 Electrical Conduits, Section F-F." Sheet 1 of 2.
18-0069	ML11178A201	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-554, "Category 1, Electrical Conduits, Section F-F." Sheet 2 of 2.
18-0070	ML11178A202	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-555, "Category 1, Electrical Conduits Section G-G."
18-0071	ML11178A203	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-556, "Category 1, Electrical Conduits, Section H-H."
18-0072	ML11178A204	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-571, "ERCW Pipeline Section A-A." Sheet 1 of 4.
18-0073	ML11178A205	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-571, "ERCW Pipeline Section A-A." Sheet 2 of 4.
18-0074	ML11178A206	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-571, "ERCW Pipeline Section A-A." Sheet 3 of 4.
18-0075	ML11178A207	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-571, "ERCW Pipeline Section A-A." Sheet 4 of 4.
18-0076	ML11178A208	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-572, "ERCW Pipeline Section B-B."
18-0077	ML11178A209	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-573, "ERCW Pipeline, Section C-C."
18-0078	ML11178A210	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-576, "Category 1, Electrical Conduits, Section F-F." Sheet 1 of 2.
18-0079	ML11178A211	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-576, "Category 1 Electrical Conduits, Section F-F." Sheet 2 of 2.
18-0080	ML11178A212	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-577, "Category 1, Electrical Conduits, Section G-G."



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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0081	ML11178A213	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-578, "Category I, Electrical Conduits Section H-H."
18-0082	ML11178A214	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-579, "Miscellaneous ERCW Piping and IE Conduit Soil Borings."
18-0083	ML11178A215	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-583, "Remedial Treatment for Potential Soil Liquefaction Stability Analysis Summary."
18-0084	ML11178A216	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-588.
18-0085	ML11178A217	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-589.
18-0086	ML11178A218	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-594, "Underground Barrier Trench A STA1 + 78".
18-0087	ML11178A219	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-595, "Underground Barrier Trench A STA 3 + 78."
18-0088	ML11178A220	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-596, "Underground Barrier Trench A."
18-0089	ML11178A221	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-597, "Underground Barrier Trench A, STA 7+78".
18-0090	ML11178A222	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-602, "Underground Barrier Trench B, STA 1+00".
18-0091	ML11178A223	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-603, "Yard Underground Barrier Trench B, STA 2+50".
18-0092	ML11178A224	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-604, "Underground Barrier Trench B, STA 3-1-00".
18-0093	ML11178A225	06/03/2011	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Figure 2.5-605, "Underground Barrier Trench B, STA 4+50".
18-0094	ML11178A238	06/23/2011	Watts Bar, Unit 2 - Instrumentation and Controls Staff Information Requests.
18-0095	ML11178A263	06/24/2011	Watts, Unit 2, Final Safety Analysis Report - Response to Chapter 11 Request for Additional Information.

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0096	ML11180A008	06/27/2011	Watts Bar Nuclear Plant, Unit 2 re: Response to Request for Additional Information on Severe Accident Management Design Alternatives.
18-0097	ML11180A009	06/24/2011	Watts Bar Nuclear Plant, Unit 2 re: Response to Final Safety Analysis Report, and Final Supplemental Environmental Impact Statement.
18-0098	ML11180A032	06/27/2011	Watts Bar Nuclear Plant, Unit 2 - Response to Request for Additional Information Regarding April 27, 2011 NRC Audit.
18-0099	ML11180A280	06/27/2011	Watts Bar, Unit 2 - Final Safety Analysis Report - Response to Request for Additional Information (RAI) Regarding Accident Dose Analysis Basis.
18-0100	ML111810280	06/29/2011	06/20/2011-Summary of Public Meeting with Tennessee Valley Authority on Watts Bar Nuclear Plant Unit 2 Construction Project.
18-0101	ML111810534	06/20/2011	Enclosure 2, NRC Public Meeting, Watts Bar Unit 2 Schedule
18-0102	ML111810550	06/20/2011	Enclosure 3, 06/20/2011 Public Meeting with Nuclear Regulatory Commission and Tennessee Valley Authority.
18-0103	ML111810632	06/28/2011	IR 05000391-11-611, on 05/16-20/2011, Watts Bar Nuclear Plant Unit 2, Construction - NRC Problem Identification & Resolution Inspection Report.
18-0104	ML111810882	06/30/2011	07/12/2011 Notice of Forthcoming Public Meeting with Tennessee Valley Authority to Discuss Watts bar Nuclear Plant, Unit 2, Fire Protection Report Submittal.
18-0105	ML111810890	06/29/2011	IR 05000391-11-604, on 04/03/2011 - 05/21/2011, Watts Bar Nuclear Plant, Unit 2, Construction - NRC Integrated Inspection Report.
18-0106	ML11186A552	06/17/2011	Watts Bar, Unit 2 - Transmittal of Quality Assurance (QA) Assessment Report NGDC-WB-11-007, Licensing Basis Preservation.
18-0107	ML11186A864	07/01/2011	Submittal of Report in Accordance with 10 CFR 26.719(c)(1) for Drug and Alcohol Testing Errors.
18-0108	ML11187A285	06/10/2011	2011/06/10 Watts Bar 2 OL - NRC PM Open Items List 6-13-11.docx
18-0109	ML11187A289	06/13/2011	2011/06/13 Watts Bar 2 OL - TVA letter to NRC_06-10-11_I&C RAI Response
18-0110	ML11187A290	06/13/2011	2011/06/13 Watts Bar 2 OL - Need for clarification on your May 20, 2011 submittal on Chapter 11
18-0111	ML11187A291	06/13/2011	2011/06/13 Watts Bar 2 OL - FW: NRC PM Open Items List 6-14-11 (2).docx
18-0112	ML11187A292	06/13/2011	2011/06/13 Watts Bar 2 OL - RE: Need for clarification on your May 20, 2011 submittal on Chapter 11

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0113	ML11187A293	06/14/2011	2011/06/14 Watts Bar 2 OL - FW: NRC PM Open Items List 6-15-11 (2).docx
18-0114	ML11187A295	06/14/2011	2011/06/14 Watts Bar 2 OL - 20110610 Open Item List Master TVA Update 06-13-11RA.docx
18-0115	ML11187A296	06/15/2011	2011/06/15 Watts Bar 2 OL - FW: NRC PM Open Items List 6-16-11 (2) (2).docx
18-0116	ML11187A297	06/16/2011	2011/06/16 Watts Bar 2 OL - FW: NRC PM Open Items List 6-17-11.docx
18-0117	ML11187A298	06/16/2011	2011/06/16 Watts Bar 2 OL - RE: Common Q PAMS Drawings for Submittal
18-0118	ML11187A299	06/17/2011	2011/06/17 Watts Bar 2 OL - TVA letter to NRC_06-17-2011_WBN U2 SAMDA RAI Responses
18-0119	ML11187A334	06/17/2011	2011/06/17 Watts Bar 2 OL - TVA letter to NRC_06-17-2011_Transmittal of QA Assessment Report NGDC-WB-11-007
18-0120	ML11187A335	06/17/2011	2011/06/17 Watts Bar 2 OL - FW: NRC PM Open Items List 6-20-11.docx
18-0121	ML11187A336	06/17/2011	2011/06/17 Watts Bar 2 OL - FW: Updated OI list
18-0122	ML11187A337	06/20/2011	2011/06/20 Watts Bar 2 OL - FW: NRC PM Open Items List 6-21-11.docx
18-0123	ML11187A338	06/20/2011	2011/06/20 Watts Bar 2 OL – Draft Audit Plan of Westinghouse for FSAR Chap. 15
18-0124	ML11187A339	06/21/2011	2011/06/21 Watts Bar 2 OL - NRC I&C RAI metrics
18-0125	ML11187A340	06/21/2011	2011/06/21 Watts Bar 2 OL - Draft Request for Additional Information Regarding Fire Protection
18-0126	ML11187A341	06/21/2011	2011/06/21 Watts Bar 2 OL - TVA letter to NRC_06-21-11_TS-TS Bases Comments Response
18-0127	ML11187A342	06/21/2011	2011/06/21 Watts Bar 2 OL - FW: NRC PM Open Items List 6-22-11.docx
18-0128	ML11187A343	06/21/2011	2011/06/21 Watts Bar 2 OL - Clarification on SAMDA
18-0129	ML11187A344	06/22/2011	2011/06/22 Watts Bar 2 OL - FW: 20110617 Open Item List Master TVA Update 06-21-11a.docx
18-0130	ML11187A348	06/22/2011	2011/06/22 Watts Bar 2 OL - TVA letter to NRC_06-21-11_2-PTI-030I-01 transmittal to NRC
18-0131	ML11187A349	06/23/2011	2011/06/23 Watts Bar 2 OL - FW: NRC PM Open Items List 6-24-11 .docx
18-0132	ML11187A350	06/29/2011	2011/06/29 Watts Bar 2 OL - Fw: WB2 RAI ques re B Dilution - per your request
18-0133	ML11187A352	06/23/2011	2011/06/23 Watts Bar 2 OL - TVA letter to NRC_06-23-11_I&C RAI Response

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

**HEARING FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title</b>
18-0134	ML11187A353	06/23/2011	2011/06/23 Watts Bar 2 OL - Need for clarification on Estimated Population Doses
18-0135	ML11187A355	06/24/2011	2011/06/24 Watts Bar 2 OL - FW: Updated OI list
18-0136	ML11187A356	06/24/2011	2011/06/24 Watts Bar 2 OL - TVA letter to NRC_06-24-11_Response FSAR Ch 11 RAI
18-0137	ML11187A357	06/27/2011	2011/06/27 Watts Bar 2 OL - FW: NRC PM Open Items List 6-27-11 .docx
18-0138	ML11187A358	06/27/2011	2011/06/27 Watts Bar 2 OL - FW: TVA letter to NRC_06-24-2011_RAI Response FSAR Ch 11_Corrected Value in FSEIS Table 3-23
18-0139	ML11187A359	06/27/2011	2011/06/27 Watts Bar 2 OL - TVA letter to NRC_06-27-11_Response SAMADA RAI
18-0140	ML11187A360	06/27/2011	2011/06/27 Watts Bar 2 OL - TVA letter to NRC_06-27-11_RAI Response Regarding April 27, 2011 NRC Audit
18-0141	ML11187A361	07/01/2011	2011/07/01 Watts Bar 2 OL - FW: Updated OI list
18-0142	ML11187A362	06/28/2011	2011/06/28 Watts Bar 2 OL - TVA letter to NRC_06-27-2011_FSAR Ch 15.5 XQ Response
18-0143	ML11187A363	07/06/2011	2011/07/06 Watts Bar 2 OL - RE: NRC Question regarding General Atomics Documents referenced in the FSAR
18-0144	ML111890245	07/07/2011	Questions Raised to the NRC During the June 20 Public Meeting Regarding the Watts Bar Unit 2 Construction Project.
18-0145	ML11166A148	06/08/2011	2011/06/08 Watts Bar 2 OL - TVA's responses during 6-7-2011 teleconference to environmental review - "Clarification Questions to Watts Bar RAI Questions Submitted May 26, 2011" re-sending letter dated Aug 5, 1994 regarding "Watts Bar Nuclear Plant (WBN) Units 1 And 2 - Request For Additional Information Relating To Final Environmental Statement (Tac Nos. M88691 And M88692)" which responded to June 21, 1994 RAI.

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

**PROTECTED FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
18-P001	ML11165A218	06/10/2011	Security	Watts Bar, Unit 2 - Cyber Security Implementation Schedule Including Systems Common to WBN, Unit 1, Enclosures 1 - 4.
18-P002	ML11171A517	06/17/2011	Fire Protection	Watts Bar, Unit 2 - Response to Request for Additional Information Round 5 Regarding "Fire Protection Report."
18-P003	ML11180A139	06/03/2011	Security. See public log for public version of FSAR Amendment 104	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Table of Contents.
18-P004	ML11180A140	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, List of Revised Pages.
18-P005	ML11180A141	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 1 - Introduction and General Description of Plant.
18-P006	ML11180A142	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2 - Site Characteristics, Chapters 2.1 - 2.3.
18-P007	ML11180A143	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2 - Site Characteristics, Chapter 2.4 through Figure 2.4-64.
18-P008	ML11180A144	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2 - Site Characteristics, Chapter 2.4 Figure 2.4-65 through Figure 2.4-116.
18-P009	ML11180A145	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2 - Site Characteristics, Chapter 2.5, Page 2.5-1 through Page 2.5-204.
18-P010	ML11180A146	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2 - Site Characteristics, Chapter 2.5, Page 2.5-205 through Page 2.5-466.

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

**PROTECTED FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
18-P011	ML11180A147	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 2 - Site Characteristics, Chapter 2.5, Page 2.5-467 through Page 2.5-952.
18-P012	ML11180A148	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3 - Design of Structures, Components, Equipment, and Systems, Table of Contents through Page 3.5A-4.
18-P013	ML11180A149	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3 - Design of Structures, Components, Equipment, and Systems, Pages 3.6-1 through Page 3.7-223.
18-P014	ML11180A151	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3 - Design of Structures, Components, Equipment, and Systems, Pages 3.8.1-1 through Page 3.8.4-182.
18-P015	ML11180A152	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 3 - Design of Structures, Components, Equipment, and Systems, Pages 3.8.5-1 through Page 3.12-6.
18-P016	ML11180A153	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 4 - Reactor, Table of Contents through Page 4.4-52.
18-P017	ML11180A154	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 5 - Reactor Coolant System, Table of Contents through Page 5.6-8.
18-P018	ML11180A155	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 6 - Engineered Safety Features, Table of Contents through Page 6.2.6-30.
18-P019	ML11180A156	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 6 - Engineered Safety Features, Page 6.3-1 through Page 6.9-2.

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

**PROTECTED FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
18-P020	ML11180A157	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 7 - Instrumentation and Controls, Table of Contents through Page 7A-10.
18-P021	ML11180A158	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 8 - Electric Power, Table of Contents through Page 8E-12.
18-P022	ML11180A159	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 9 - Auxiliary Systems, Table of Contents through Page 9.3-158.
18-P023	ML11180A160	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 9 - Auxiliary Systems, Pages 9.4-1 through Page 9.5-66.
18-P024	ML11180A161	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 10 - Main Steam and Power Conversion Systems, Table of Contents through Page 10.4-114.
18-P025	ML11180A162	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 11 - Radioactive Waste Management, Table of Contents through Page 11A-6.
18-P026	ML11180A163	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 12 - Radiation Protection, Table of Contents through Page 12.5-8.
18-P027	ML11180A164	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 13 - Conduct of Operations, Table of Contents through Page 13.7-2.
18-P028	ML11180A165	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 14 - Initial Test Program, Table of Contents through Page 14.2-168.
18-P029	ML11180A166	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 15 - Accident Analyses, Table of Contents through Page 15A-6.



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

**PROTECTED FILE INDEX**

**Supplemental Disclosures – July 14, 2011**

<b>ID#</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Protected Reason</b>	<b>Title</b>
18-P030	ML11180A167	06/03/2011	Security	Watts Bar, Unit 2 - Final Safety Analysis Report (FSAR), Amendment 104, Section 16 - Technical Specifications, Table of Contents through Page 16.3-2.
18-P031	ML11187A329	06/17/2011	Fire Protection	2011/06/17 Watts Bar 2 OL - FW: TVA letter to NRC_6-17-11_Response to NRC 5th Round RAI FPS
18-P032	ML11187A332	07/01/2011	Fire Protection	2011/07/01 Watts Bar 2 OL - 07-01-2011_TVA ltr to NRC_Feasibility and Reliability Evaluations
18-P033	ML11188A130	07/01/2011	Fire Protection	Watts Bar, Unit 2 - Request for Additional Information (RAI) Regarding Final Safety Analysis Report (FSAR) Amendment Related to Section 9.5.1, "Fire Protection System," (TAC No. ME3091).
18-P034	ML11192A315	07/07/2011	Security (E-Plan)	Watts Bar, Units 1 and 2 - Submittal of Revision 18 to Emergency Plan Implementing Procedure EPIP-13, "Initial Dose Assessment for Radiological Emergencies".

July 14, 2011

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 14, 2011.

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, consisting of a large, stylized 'J' and 'P' followed by a horizontal line.

Justin C. Poole

Executed in Rockville, Maryland  
this 14th day of July, 2011

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 14, 2011, have been served upon the following by the Electronic Information Exchange, this 14<sup>th</sup> day of July, 2011:

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) 415-2749  
E-mail: [David.Roth@nrc.gov](mailto:David.Roth@nrc.gov)  
Signed: July 14, 2011