



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

August 6, 2012

Mr. Joseph W. Shea  
Manager, Corp. Nuclear Licensing Programs  
Tennessee Valley Authority  
1101 Market Street, LP 4B-C  
Chattanooga, TN 37402-2801

**SUBJECT: WATTS BAR NUCLEAR PLANT NOTIFICATION OF INSPECTION AND  
REQUEST FOR INFORMATION**

Dear Mr. Shea:

During the period of October 15-19, 2012, the NRC will conduct baseline emergency preparedness inspection activities at the Watts Bar Nuclear Plant. The inspection will evaluate activities in the Emergency Preparedness cornerstone using NRC Inspection Procedures 71114.02 - Alert and Notification System (ANS) Evaluation, 71114.03 - Emergency Response Organization (ERO) Staffing and Augmentation System, 71114.05 - Maintenance of Emergency Preparedness, and the Emergency Preparedness Sections of 71151, Performance Indicator Verification.

Experience has shown that this inspection is resource-intensive both for the NRC inspectors and your staff. In order to minimize the impact to your on-site resources and to ensure a productive inspection, we have enclosed a request for documents needed for this inspection. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation, and/or the onsite portions of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Ms. Cheryl Sweet of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Mark Speck at (404) 997-4759 (mark.speck@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, under control number 3150-0011. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

Sincerely,

**/RA/**

Brian R. Bonser, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No. 50-390  
License No. NPF-90

Enclosure:  
Document Request List

cc w/encl.: (See page 3)

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Sincerely,

/RA/

Brian R. Bonser, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No. 50-390  
License No. NPF-90

Enclosure:  
Document Request List

cc w/encl.: (See page 3)

Distribution w/encl:

C. Evans, RII EICS (Part 72 Only)  
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RIDSNNRRDIRS  
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RidsNrrPMWattsBar2 Resource

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ADAMS: X Yes

ACCESSION NUMBER: ML12221A221

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII: DRS/PSB1	RII: DRS/PSB1			
SIGNATURE	RA/BD For MS	RA/BB			
NAME	M. SPECK	B. BONSER			
DATE	08/06/2012	08/06/2012			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSI\PSB1\INFORMATION REQUEST LETTERS\WATTS BAR\WBN 2012 EP DOCUMENT REQUEST LETTER.DOCX

cc w/encl:

D. E. Grissette  
Site Vice President  
Watts Bar Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

David H. Gronek  
Plant Manager  
Watts Bar Nuclear Plant, MOB 2R-WBN  
Tennessee Valley Authority  
P.O. Box 2000  
MOB 2R  
Spring City, TN 37381

Donna K. Guinn  
Manager, Licensing  
Watts Bar Nuclear Plant, ADM 1L-WBN  
Tennessee Valley Authority  
P.O. Box 2000  
Spring City, TN 37381

Edward J. Vigluicci  
Assistant General Counsel  
Tennessee Valley Authority  
Electronic Mail Distribution

Gordon P. Arent  
New Generation Licensing Manager  
Watts Bar Nuclear Plant, EQB 1B-WBN  
Tennessee Valley Authority  
P.O. Box 2000  
Spring City, TN 37381

County Mayor  
P.O. Box 156  
Decatur, TN 37322

County Executive  
375 Church Street  
Suite 215  
Dayton, TN 37321

Tennessee Department of Environment &  
Conservation  
Division of Radiological Health  
401 Church Street  
Nashville, TN 37243

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Watts Bar Nuclear Plant  
U.S. Nuclear Regulatory Commission  
1260 Nuclear Plant Road  
Spring City, TN 37381-2000

Ann Harris  
341 Swing Loop  
Rockwood, TN 37854

## Document Request List

Inspection Dates: October 15–19, 2012

Inspection Procedures:	IP 71114.02	Alert and Notification System Evaluation
	IP 71114.03	ERO Staffing and Augmentation System
	IP 71114.05	Maintenance of Emergency Preparedness
	IP 71151	Performance Indicator Verification

**Note:** This is a list of the documents to be delivered to the NRC Region II Office (Attention: Mark Speck, 245 Peachtree Center Avenue, NE, Suite 1200, Atlanta, GA 30303-1257) or provided to the Team Lead Inspector upon arrival for the respective inspections. The current version of these documents is expected unless specified otherwise. Electronic media is preferred, if readily available (the preferred file format is Word or searchable “.pdf” files on CDROM or “thumb” drive). Please organize the information as it is arranged below (e.g. a folder labeled “Miscellaneous”). It is not the intent that large or burdensome data be scanned for this purpose. This data will be inspected using original documentation. If there are questions regarding the documents requested, please do not hesitate to contact the lead inspector.

### EP2 Alert and Notification System (ANS) Evaluation

- ☐ Department of Homeland Security (DHS) approved Alert Notification System (ANS) report.
- ☐ Alert Notification System Testing Procedure.
- ☐ ANS equipment technical manual.
- ☐ ANS equipment testing results (raw data) for two year inspection period.
- ☐ ANS equipment maintenance records for two year inspection period.
- ☐ Changes to the ANS system, implementing procedures, testing procedures and the maintenance program including any supporting DHS approval letters for the past 2 years.
- ☐ Corrective action program entries related to the Alert and Notification System for the two year inspection period.
- ☐ Information provided to the public inside the 10 mile plume exposure pathway.

### EP3 Emergency Response Organization (ERO) Staffing and Augmentation System

- ☐ Current ERO roster.
- ☐ ERO and Augmentation implementing procedures and changes made over the past 2 years.
- ☐ NUREG 0654 Table B1 site equivalent.
- ☐ ERO training program procedure.
- ☐ EP staff training program and qualification records.
- ☐ ERO augmentation.
- ☐ ERF activation, including backup, equipment initiation procedure.
- ☐ ERO augmentation testing results.
- ☐ Corrective action program entries related to the ERO staffing and augmentation for the two year inspection period.

Enclosure

EP5 Maintenance of Emergency Preparedness

- ❑ Governing document for the assessment process.
- ❑ All EP program assessments, not including INPO performed assessments, for the two year inspection period.
- ❑ 10 CFR 50.54(t) audits and subsequent state/local correspondence for the two year inspection period.
- ❑ Drill and exercise critiques for the past two year period.
- ❑ Critiques of actual events resulting in implementation of the emergency plan for past two years.
- ❑ Corrective action program entries relating to emergency preparedness (abbreviated, i.e. identifier and brief description), for the two year inspection period with the risk significant related entries separated.
- ❑ Governing documents for 10 CFR 50.54(q) evaluation process.
- ❑ Corrective Action Program procedures.
- ❑ Records of maintenance of equipment important to emergency preparedness.

EP01/EP02/EP03 Performance Indicators (PI) Verification

- ❑ Governing document for the performance indicator process.
- ❑ Drill and Exercise Performance (DEP), Emergency Response Organization (ERO), and Alert and Notification System (ANS) PI data submitted for the two year inspection period.
- ❑ DEP documentation and evaluations for the two year inspection period.
- ❑ Current ERO roster.
- ❑ Corrective action program entries related to performance indicators, that is DEP, ERO training and participation, and ANS for the two year inspection period.

Miscellaneous Procedures

- ❑ Current Emergency Plan.
- ❑ Safety Evaluation Report approved Emergency Plan.
- ❑ Current Emergency Action Levels.
- ❑ Safety Evaluation Report approved Emergency Action Levels.
- ❑ Current Emergency Plan implementing procedures.
- ❑ Departmental processes or procedures for Emergency Preparedness staff.
- ❑ Corporate processes or procedures for Emergency Preparedness staff.

Lead Inspector Contact Information:

Mark Speck  
 (404) 997-4759  
[mark.speck@nrc.gov](mailto:mark.speck@nrc.gov)