



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

April 14, 2014

Mr. J. W. Shea  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 3D-C  
Chattanooga, TN 37402-2801

**SUBJECT: BROWNS FERRY NUCLEAR PLANT EMERGENCY PREPAREDNESS  
INSPECTION AND REQUEST FOR INFORMATION**

Dear Mr. Shea:

From June 9 – 13, 2014, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Emergency Preparedness program inspection at the Browns Ferry Nuclear Plant. The inspection will evaluate activities in the Emergency Preparedness cornerstone using NRC Inspection Procedures (IP) 71114.02 - Alert and Notification System (ANS) System Testing; 71114.03 - Emergency Response Organization (ERO) Staffing and Augmentation System; 71114.04 – Emergency Action Level and Emergency Plan Changes; 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 for both the NRC inspectors and your staff. In order to minimize the impact to your onsite 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 Steve Austin (256-729-2070) 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 Title 10 of the *Code of Federal Regulations* (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 Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/readingrm/adams.html> (The Public Electronic Reading Room).

Sincerely,

*/RA/*

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

Docket Nos. 50-259, 50-260, and 50-296  
License Nos. DPR-33, DPR-52, and DPR-68

Enclosure:  
Document Request List

cc: Distribution via Listserv

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ADAMS:  Yes    ACCESSION NUMBER: ML14104B238     SUNSI REVIEW COMPLETE     FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1	RII:DRS/PSB1				
SIGNATURE	CAF2	MES4	BRB1				
NAME	C. Fontana	M. Speck	B. Bonser				
DATE	4/ 14 /2014	4/ 14 /2014	4/ 14 /2014				
E-MAIL COPY	<b>YES</b> NO	<b>YES</b> NO	<b>YES</b> NO				

OFFICIAL RECORD COPY

## Document Request List

Inspection Dates: June 9 – 13, 2014

Inspection Procedures:	IP 71114.02	Alert and Notification System Testing
	IP 71114.03	Emergency Response Organization Staffing and Augmentation System
	IP 71114.04	EAL and E-Plan Changes
	IP 71114.05	Maintenance of Emergency Preparedness
	IP 71151	Performance Indicator Verification

**Note:** This is a list of the documents to be provided to the inspectors upon arrival onsite. 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). *Note that the inspectors cannot accept data provided on USB or “flash” drives due to NRC IT security policies.* 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 Testing

- 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 2-year inspection period
- ANS equipment maintenance records for 2-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 ANS for the 2-year inspection period
- Information provided to the public inside the 10 mile plume exposure pathway

### EP3 Emergency Response Organization Staffing and Augmentation System

- Current Emergency Response Organization (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
- Emergency Preparedness (EP) staff training program and qualification records
- ERO augmentation
- Emergency Response Facility (ERF) activation, including backup, equipment initiation procedure
- ERO augmentation testing results
- Corrective action program entries related to the ERO staffing and augmentation for the 2-year inspection period

### EP4 Emergency Action Level and Emergency Plan Changes

- Governing document for 10 CFR 50.54(q) evaluation process
- 10 CFR 50.54(q) evaluator training program and qualification records
- 10 CFR 50.54(q) evaluation/screening of changed EP procedures
- Current and immediately previous revisions of changed EP procedures

Enclosure

- ❑ Corrective action program entries related to Emergency Action Level (EAL) and Emergency Plan (E-Plan) changes for the 2-year inspection period

#### EP5 Maintenance of Emergency Preparedness

- ❑ Governing documents for the assessment process
- ❑ All EP program assessments, not including Institute of Nuclear Power Operations (INPO) performed assessments, for the 2-year inspection period
- ❑ 10 CFR 50.54(t) audits and subsequent state/local correspondence for the 2-year inspection period
- ❑ Drill and exercise critiques for the past 2-year period
- ❑ Critiques of actual events resulting in implementation of the emergency plan for past 2 years
- ❑ Corrective action program entries relating to emergency preparedness (abbreviated, i.e., identifier and brief description), for the 2-year inspection period with the risk significant related entries separated
- ❑ Corrective Action Program procedures
- ❑ Maintenance records and availability-tracking information for equipment important to emergency preparedness
- ❑ Governing document for the assessment process
- ❑ All EP program assessments, not including INPO performed assessments, for the 2-year inspection period
- ❑ 10 CFR 50.54(t) audits and subsequent state/local correspondence for the 2-year inspection period
- ❑ Drill and exercise critiques for the 2-year inspection period
- ❑ Corrective action program entries relating to emergency preparedness (abbreviated, i.e. identifier and brief description), for the 2-year inspection period with the risk significant related entries separated

#### EP01/EP02/EP03 Performance Indicators Verification

- ❑ Governing document for the performance indicator (PI) process
- ❑ Drill and Exercise Performance (DEP), ERO, and ANS PI data submitted for the 2-year inspection period
- ❑ DEP documentation and evaluations for the 2-year inspection period
- ❑ Current ERO roster
- ❑ Corrective action program entries related to PIs, that is DEP, ERO training and participation, and ANS for the 2-year inspection period

#### Miscellaneous Procedures

- ❑ Current Emergency Plan
- ❑ Safety Evaluation Report approved E-Plan
- ❑ Current EALs
- ❑ Safety Evaluation Report approved EALs
- ❑ Current E-Plan implementing procedures
- ❑ Governing documents for 10 CFR 50.54(q) evaluation process
- ❑ Corrective Action Program procedure
- ❑ 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)