



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

March 15, 2012

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

**SUBJECT: BROWNS FERRY NUCLEAR PLANT – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION**

Dear Mr. Shea:

During the period of April 9, 2012, through April 13, 2012, the NRC will perform a baseline Occupational Radiation Safety Inspection at the Browns Ferry Nuclear Plant. The inspection will consist of NRC Inspection Procedure IP 71124.01.

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. The NRC requests that these documents be provided to the NRC staff no later than March 30, 2012.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory on-site contact for this inspection will be Mr. Steve Austin of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Ruben Hamilton at (404) 997-4672, or the Plant Support Branch 1 Chief, Brian Bonser at (404) 997-4653.

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

TVA

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(Room or from the Publicly Available Records (PARS) component of NRC's document system ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

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

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

Enclosure:
Document Request List

cc w/encl : (See page 3)

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Document Request List

cc w/encl : (See page 3)

Distribution w/encl:

C. Evans, RII EICS (Part 72 Only)
L. Douglas, RII EICS (Linda Douglas)
OE Mail (email address if applicable)
RIDSNNRRDIRS
PUBLIC
RidsNrrPMBrownsFerry Resource

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER: ML12074A289

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII: DRS/PSB1	RII: DRS/PSB1			
SIGNATURE	RA/ BB For RH	RA/BB			
NAME	R. HAMILTON	B. BONSER			
DATE	03/14/2012	03/14/2012			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRS\PSB1\INFORMATION REQUEST LETTERS\BROWNS FERRY\BROWNS FERRY 2012-003 RP DOCUMENT REQUEST REV1.DOCX

cc w/encl:

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Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Browns Ferry Nuclear Plant
U.S. Nuclear Regulatory Commission
10833 Shaw Road
Athens, AL 35611-6970

DOCUMENT REQUEST LIST

Site: Browns Ferry Nuclear Plant

Docket and Report Number: 05000259, 260 and 296/2012003

Inspection Dates: April 6, 2012, through April 13, 2012

Inspection Procedures: IP 71124.01 - Radiological Hazard Assessment and Exposure Controls

NRC Inspector: Ruben Hamilton ruben.hamilton@nrc.gov (404) 997-4672

Note: The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available (The preferred file format is Word, WordPerfect, 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 to the extent possible. Experience has shown that a well organized CD leads to a more efficient inspection and lessens additional burden on licensee staff. During the inspection, the inspectors may request additional documents.

General Information Needed

1. Plant Management, Radiation Protection, and Chemistry organizational charts with contact numbers.
2. Electronic copy of UFSAR chapters 11 and 12 (radwaste and radiation protection).
3. Corrective action program procedure.
4. Outage schedule of major activities (Gantt chart if available).
5. Audits and self-assessments performed since the last inspection that encompasses the areas of (1) radiation protection, (2) access controls, and (3) ISFSI.

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of outage RWPs.
2. Plant maps of all Locked HRAs and VHRAs. Include areas with the potential to become a LHRA during routine operations or outages.
3. Procedures related to HP controls (e.g. Posting, labeling, surveys, RWPs, contamination control, HRA/LHRA/VHRA control, key control, control of divers, special controls during fuel offload, hot spots, etc.).
4. List of the 10 most exposure significant work areas within radiation areas, high radiation areas (<1R/hr), or airborne radioactivity areas in the plant. This may include areas with low dose rates but high collective dose. Identify any high radiation areas with significant dose gradients (factor of five or more), including underwater diving activities.
5. Procedures related to release of personnel and materials (e.g. release surveys, decontamination, guidance for alarm follow up, etc.).
6. List of Nationally Tracked Sources and any change-of-ownership transactions.
7. List of all non-fuel items stored in spent fuel pool.

Enclosure

8. All self-assessments or audits covering HP controls since March 2011, (if none, then provide the most recent) LIST of CRs related to HP controls where the cause was listed as human performance (radworker error) or human performance (HP technician error) issued since March 2011. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*
9. All CRs related to Nationally Tracked Sources since March 2011.