



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

January 11, 2006

Tennessee Valley Authority
ATTN: Mr. Karl W. Singer
Chief Nuclear Officer and
Executive Vice President
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNIT 3 - NOTIFICATION OF
INSPECTION AND REQUEST FOR INFORMATION

Dear Mr. Singer:

On March 6, 2006, the NRC plans to begin the baseline inservice inspection activities (NRC Inspection Procedure 71111.08) at the Browns Ferry Nuclear Plant, Unit 3.

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 for both sides, we have enclosed a request for documents needed for this inspection. These documents have been divided into two groups. The first group identifies information to be provided prior to the inspection to ensure that the inspector is adequately prepared. The second group identifies the information the inspector will need upon arrival at the site. 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 Jim Davenport, of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Joel Rivera-Ortiz at (404) 562-4825.

In accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," 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).

Sincerely,
/RA/
Mark S. Lesser, Chief
Engineering Branch 3
Division of Reactor Safety

Docket No. 50-296
License No. DPR-68

Enclosure: See next page

Enclosure: Inservice Inspection Document Request

cc w/encl:

Ashok S. Bhatnagar
Senior Vice President
Nuclear Operations
Tennessee Valley Authority
Electronic Mail Distribution

Larry S. Bryant, Vice President
Nuclear Engineering
Tennessee Valley Authority
Electronic Mail Distribution

Brian O'Grady
Site Vice President
Browns Ferry Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

Robert J. Beecken, Vice President
Nuclear Support
Tennessee Valley Authority
Electronic Mail Distribution

General Counsel
Tennessee Valley Authority
Electronic Mail Distribution

John C. Fornicola, Manager
Nuclear Assurance and Licensing
Tennessee Valley Authority
Electronic Mail Distribution

Bruce M. Aukland, Plant Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

Glenn W. Morris, Manager
Corporate Nuclear Licensing
and Industry Affairs
Tennessee Valley Authority
Electronic Mail Distribution

William D. Crouch, Manager
Licensing and Industry Affairs
Browns Ferry Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

State Health Officer
Alabama Dept. of Public Health
RSA Tower - Administration
201 Monroe St., Suite 700
P. O. Box 303017
Montgomery, AL 36130-3017

Chairman
Limestone County Commission
310 West Washington Street
Athens, AL 35611

Masond Bagestani, Vice President
Browns Ferry Unit 1 Restart
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Decatur, AL 35609

Robert G. Jones, Restart Manager
Browns Ferry Unit 1 Restart
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Decatur, AL 35609

TVA

3

Distribution w/encl:

M. Chernoff, NRR

E. Brown, NRR

C. Evans (Part 72 Only)

L. Slack, RII EICS

RIDSRIDSNRRDIPMLIPB

PUBLIC

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: _____

OFFICE	RII:DRS	RII:DRS	RII:DRP				
SIGNATURE	/RA/	/RA/	/RA/				
NAME	JRiviera:pmd	MLesser	SCahill				
DATE	1/11/06	1/11/06	1/11/06				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: E:\Filenet\ML060130016.wpd

INSERVICE INSPECTION DOCUMENT REQUEST

Inspection Dates: March 6, 2006 through March 10, 2006

Inspection Procedures: IP 7111108 "Inservice Inspection Activities"

Inspector: Joel Rivera -Ortiz

A. Information Requested for the In-Office Preparation Week

The following information should be sent to the Region II office in hard copy (or electronic format CD - preferred), in care of Mr. Rivera-Ortiz by February 15, 2006, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The inspector will select specific items from the information requested below and request a list of additional documents needed on-site to your staff. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. All information requests relate to Unit 3 unless otherwise stated. If you have any questions regarding this information, please call the inspector as soon as possible.

- 1) A detailed schedule of :
 - a) nondestructive examinations (NDE) planned for Class 1 & 2 systems and containment, performed as part of your ASME Code ISI Program during the upcoming outage. Please also include NDE activities associated with flow accelerated corrosion (FAC).
- 2) A copy of the NDE procedures used to perform the examinations identified in A.1 (including calibration and flaw characterization/sizing procedures). A copy of your NDE written practice and welding program. For ultrasonic examination procedures qualified in accordance with Appendix VIII, of Section XI of the ASME Code, provide documentation supporting the procedure qualification (e.g., the EPRI performance demonstration qualification summary sheets). Also, include documentation of the specific equipment to be used (e.g., ultrasonic unit, cables, and transducers including serial numbers). *IF THESE DOCUMENTS ARE NOT AVAILABLE IN ELECTRONIC FORMAT, THEN PLEASE PROVIDE UPON ARRIVAL AT THE ENTRANCE MEETING.*
- 3) A copy of:
 - a) ASME Section XI, Code Relief Requests applicable to the examinations identified in A(1).
- 4) A list identifying NDE reports (ultrasonic, radiography, magnetic particle, dye penetrant, visual (VT-1, VT-2, VT-3)) which have identified recordable indications on Code Class 1 & 2 systems since the beginning of the last refueling outage.
- 5) List with short description of the welds in Code Class 1 and 2 systems which have been fabricated due to component repair/replacement activities since the beginning of the last

Enclosure

refueling outage, or are planned to be fabricated this refueling outage, and identify the system, weld number and reference applicable documentation.

- 6) If reactor vessel weld examinations required by the ASME Code are scheduled to occur during the inspection period, provide a detailed description of the welds to be examined, and the extent of the planned examination. Please provide a list of any BWRVIP exams that are to be performed this outage.
- 7) List with description of ISI related issues (e.g. list based upon data base searches using key words related to piping, ASME Code, cracks, wear, thinning, leakage, rust, corrosion, BWRVIP, welding, etc.) entered into your corrective action system since the beginning of the last refueling outage (both Units).
- 8) Copy of any 10 CFR Part 21 reports applicable to your structures systems or components within the scope of Section XI of the ASME Code, that have been identified since the beginning of the last refueling outage.
- 9) Please also provide a copy of your most current revision of the ISI Program Manual and Plan for this Interval. *IF THESE DOCUMENTS ARE NOT AVAILABLE IN ELECTRONIC FORMAT, THEN PLEASE PROVIDE THEM UPON ARRIVAL AT THE ENTRANCE MEETING.*
- 10) List of any temporary non-code repairs in service.
- 11) List of known locations that have pin-hole leaks in ASME Class 1, 2, and 3 piping.
- 12) If any BWRVIP is going to be performed during next refueling outage, please provide documentation that demonstrates how you are meeting all BWRVIP guidance documents or documentation that supports deviation from guidelines.
- 13) Please provide names and numbers for the following program leads:

ISI contacts (Examination, planning)
 Containment Exams
 Snubbers and Supports
 Repair and Replacement program manager
 Site Welding Engineer
 Licensing contacts
 BWRVIP

B. Information to be provided on-site to the inspector at the entrance meeting :

- 1) For welds selected by the inspector from A.5 above, provide copies of the following documents:
 - a) Document of the weld number and location (e.g., system, train, branch);
 - b) Document with a detail of the weld construction;
 - c) Applicable Code Edition and Addenda for weldment;

- d) Applicable Code Edition and Addenda for welding procedures;
 - e) Applicable weld procedures (WPS) used to fabricate the welds;
 - f) Copies of procedure qualification records (PQRs) supporting the WPS on selected welds;
 - g) Copies of mechanical test reports identified in the PQRs above;
 - h) Copies of the nonconformance reports for the selected welds;
 - i) Radiographs of the selected welds and access to equipment to allow viewing radiographs; and
 - j) Copies of the preservice examination records for the selected welds.
- 2) For the ISI related corrective action issues selected by the inspector from A.7 above, provide a copy of the corrective actions and supporting documentation.
 - 3) For the nondestructive examination reports with relevant indications on Code Class 1 & 2 systems selected by the inspector from A.4 above, provide a copy of the examination records and associated corrective action documents.
 - 4) Updated schedules for item A.1 (including schedule showing contingency repair plans if available).
 - 5) Ready access to the Editions of the ASME Code (Sections III, V, IX and XI) applicable to the inservice inspection program and the repair/replacement program. (e.g. copies provided to the inspector to use for the duration of the inspection at the on-site inspection location).

Inspector Contact Information:

Joel E. Rivera-Ortiz
 Reactor Inspector
 404-562-4825
 jer6@nrc.gov

Mailing Address
 US NRC Region 2
 Attn: Joel Rivera-Ortiz
 61 Forsyth Street, SW Suite 23T85
 Atlanta, GA 30303