



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

August 27, 2003

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -BROWNS FERRY  
NUCLEAR PLANT DOCKET NOS. 50-259, 50-260, 50-296

Dear Mr. Scalice:

On August 12, 2003, the NRC staff completed its mid-cycle plant performance assessment of the Browns Ferry Nuclear Plant. The mid-cycle review for Browns Ferry involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 - December 31, 2003. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. Inspections will also be conducted in the areas of the Independent Spent Fuel Storage Installation (ISFSI) construction, License Renewal activities, and the recovery effort for Browns Ferry Unit 1. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4520 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

***/RA by S. Shaeffer for/***

Stephen J. Cahill, Chief  
Reactor Projects Branch 6  
Division of Reactor Projects

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

Enclosure: Browns Ferry Nuclear Plant Inspection/Activity Plan

cc w/encl: (See page 3)

TVA

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cc w/encls:

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**Browns Ferry**  
**Inspection / Activity Plan**  
**09/01/2003 - 09/30/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EB2-BF1 - SAFE END WELDING</b>		<b>3</b>			
1	IP 55050	Nuclear Welding General Inspection Procedure		09/07/2003	09/10/2003	Other Routine
	<b>PS-RP - RAD PROTECTION SPECIAL INSPECT</b>		<b>1</b>			
1	IP 83724	External Occupational Exposure Control And Personal Dosimetry		09/02/2003	09/05/2003	Other Routine
1	IP 83725	Internal Exposure Control And Assessment		09/02/2003	09/05/2003	Other Routine
1	IP 83728	Maintaining Occupational Exposures Alara		09/02/2003	09/05/2003	Other Routine
	<b>PS-SEC - SECURITY</b>		<b>2</b>			
2, 3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizati		09/08/2003	09/09/2003	Baseline Inspections
2, 3	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Stra		09/08/2003	09/09/2003	Baseline Inspections
	<b>EB1-TFP - TRIENNIAL FIRE PROTECTION</b>		<b>4</b>			
2, 3	IP 7111105T	Fire Protection		09/08/2003	09/12/2003	Baseline Inspections
2, 3	IP 7111105T	Fire Protection		09/29/2003	10/03/2003	Baseline Inspections
	<b>OL-EP - EMERGENCY EXERCISE</b>		<b>3</b>			
1, 2, 3	IP 7111401	Exercise Evaluation		09/22/2003	09/26/2003	Baseline Inspections
1, 2, 3	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/22/2003	09/26/2003	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		09/22/2003	09/26/2003	Baseline Inspections
	<b>PI&amp;R - IDENTIFICATION AND RESOLUTION OF PROBLEM</b>		<b>5</b>			
1, 2, 3	IP 71152B	Identification and Resolution of Problems		11/03/2003	11/07/2003	Baseline Inspections
	<b>ISFSI - ISFSI CONSTRUCTION</b>		<b>1</b>			
1	IP 60854	Preoperational Testing Of An ISFSI		11/17/2003	11/21/2003	Other Routine
	<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>			
1, 2, 3	IP 7111111B	Licensed Operator Requalification		11/17/2003	11/21/2003	Baseline Inspections
	<b>PI&amp;R - IDENTIFICATION AND RESOLUTION OF PROBLEM</b>		<b>4</b>			
1, 2, 3	IP 71152B	Identification and Resolution of Problems		11/17/2003	11/21/2003	Baseline Inspections
	<b>EB2-MODS - MODIFICATIONS/10CFR50.59</b>		<b>4</b>			
2, 3	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/05/2004	01/09/2004	Baseline Inspections
	<b>EB2-BF1 - LARGE BORE PIPING SUPPORTS</b>		<b>1</b>			
1	IP 37550	Engineering		01/20/2004	01/23/2004	Core
	<b>EB2-BF1 - CRD PIPING AND INSTRUMENT TUBING</b>		<b>1</b>			
1	IP 37550	Engineering		01/20/2004	01/23/2004	Core
	<b>PB6-FP - FLOOD PROTECTION</b>		<b>1</b>			
1, 2, 3	IP 7111106	Flood Protection Measures		01/26/2004	01/30/2004	Baseline Inspections
	<b>EB2 BF1 - CABLE TRAY AND HVAC SUPPORTS</b>		<b>1</b>			
1	IP 37550	Engineering		02/02/2004	02/06/2004	Core

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Browns Ferry**  
**Inspection / Activity Plan**  
**09/01/2003 - 09/30/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>3</b>			
2, 3	IP 7112101	Access Control to Radiologically Significant Areas		02/02/2004	02/06/2004	Baseline Inspections
2, 3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/02/2004	02/06/2004	Baseline Inspections
2, 3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/02/2004	02/06/2004	Baseline Inspections
2, 3	IP 7112203	Radiological Environmental Monitoring Program		02/02/2004	02/06/2004	Baseline Inspections
2, 3	IP 71151	Performance Indicator Verification		02/02/2004	02/06/2004	Baseline Inspections
	<b>EB2-ISI</b>	<b>- INSERVICE INSPECTION-U3</b>	<b>1</b>			
3	IP 7111108G	Inservice Inspection Activities - BWR		03/22/2004	03/26/2004	Baseline Inspections
	<b>OL PREP</b>	<b>- INITIAL EXAM PREP</b>	<b>2</b>			
1	V23214	BROWNS FERRY/EXAMS AT POWER FACILITIES		04/12/2004	04/16/2004	Not Applicable
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
1	V23214	BROWNS FERRY/EXAMS AT POWER FACILITIES		04/26/2004	04/30/2004	Not Applicable
	<b>EB1ELECT</b>	<b>- ELECTRICAL PROGRAMS U1</b>	<b>3</b>			
1	IP 37550	Engineering		05/03/2004	05/07/2004	Core
	<b>EB2-HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
2, 3	IP 7111107B	Heat Sink Performance		05/17/2004	05/21/2004	Baseline Inspections
	<b>OL EP</b>	<b>- EP INSPECTION</b>	<b>1</b>			
1, 2, 3	IP 7111402	Alert and Notification System Testing		06/07/2004	06/11/2004	Baseline Inspections
1, 2, 3	IP 7111403	Emergency Response Organization Augmentation Testing		06/07/2004	06/11/2004	Baseline Inspections
1, 2, 3	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/07/2004	06/11/2004	Baseline Inspections
1, 2, 3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/07/2004	06/11/2004	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		06/07/2004	06/11/2004	Baseline Inspections
	<b>EB1ELECT</b>	<b>- ELECTRICAL PROGRAMS</b>	<b>2</b>			
1	IP 37550	Engineering		07/12/2004	07/16/2004	Core
	<b>LIC RENE</b>	<b>- FIRST LICENSE RENEWAL INSPECTION</b>	<b>4</b>			
1, 2, 3	IP 71002	License Renewal Inspection		07/19/2004	07/23/2004	License Renewal Ins