



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23TB5  
ATLANTA, GEORGIA 30303-8931**

August 26, 2002

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 6, 2002, the NRC staff completed its mid-cycle plant performance assessment of the Browns Ferry Nuclear Plant. In accordance with NRC Inspection Manual Chapter 0305 "Operating Reactor Assessment Program", the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your Browns Ferry facility for the first half of the current assessment cycle, January 1 - December 31, 2002. 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 which 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, 2003, as well as continuing to inspect the layup and preservation of Unit 1 safety-related equipment on an annual basis. On March 4, 2002, we met with your staff to discuss your plans on constructing an independent spent fuel storage installation (ISFSI) at Browns Ferry. In addition, on August 7, 2002, we met with your staff to discuss your plans on restarting Browns Ferry Unit 1. As discussed in both these meetings, based on your progress, we plan to conduct inspections of the ISFSI and Unit 1 restart, and will inform you of the inspections as they are scheduled.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. 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 last six months of the inspection plan is tentative and may be revised at the end-of-cycle review. In addition, the NRC is in the process of finalizing a Temporary Instruction that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants, dated February 25, 2002. Schedules

have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

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 404-562-4530 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

***/RA/***

Paul E. Fredrickson, 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/encl:

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**Browns Ferry**  
**Inspection / Activity Plan**  
**09/01/2002 - 09/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
<b>PS-SEC - SECURITY</b>			<b>2</b>			
1, 2, 3	IP 7113001	Access Authorization Program (Behavior Observation Only)		09/09/2002	09/13/2002	Baseline Inspections
1, 2, 3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		09/09/2002	09/13/2002	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		09/09/2002	09/13/2002	Baseline Inspections
<b>PB6LAYUP - UNIT 1 SYSTEM LAYUP</b>			<b>1</b>			
1	IP 92050	Review Of Quality Assurance For Extended Construction Delays		10/07/2002	10/11/2002	Other Routine
<b>EB1SSDPC - SSDPC PRE-INSPECTION VISIT</b>			<b>1</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		11/04/2002	11/09/2002	Baseline Inspections
<b>PS-RP - RADIATION PROTECTION</b>			<b>1</b>			
1, 2, 3	IP 71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity		11/12/2002	11/15/2002	Baseline Inspections
1, 2, 3	IP 71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity		11/12/2002	11/15/2002	Baseline Inspections
1, 2, 3	IP 71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity		11/12/2002	11/15/2002	Baseline Inspections
<b>OL PREP - INITIAL EXAM PREP</b>			<b>3</b>			
1	V23202	BROWNS FERRY/EXAMS AT POWER FACILITIES		11/18/2002	11/23/2002	Not Applicable
<b>EB1SSDPC - SAFETY SYS DESIGN &amp; PERFORMANCE CAPABILI</b>			<b>6</b>			
1, 2, 3	IP 7111121	Safety System Design and Performance Capability		12/09/2002	12/13/2002	Baseline Inspections
<b>PS-RP - RADIATION PROTECTION</b>			<b>1</b>			
1, 2, 3	IP 7112101	Access Control to Radiologically Significant Areas		12/09/2002	12/10/2002	Baseline Inspections
<b>OL-EXAM - INITIAL EXAM</b>			<b>3</b>			
1	V23202	BROWNS FERRY/EXAMS AT POWER FACILITIES		12/16/2002	12/20/2002	Not Applicable
<b>EB1SSDPC - SAFETY SYS DESIGN &amp; PERFORMANCE CAPABILI</b>			<b>5</b>			
1, 2, 3	IP 7111121	Safety System Design and Performance Capability		01/13/2003	01/17/2003	Baseline Inspections
<b>PS-RP - RADIATION PROTECTION</b>			<b>3</b>			
1, 2, 3	IP 7112101	Access Control to Radiologically Significant Areas		02/24/2003	02/28/2003	Baseline Inspections
1, 2, 3	IP 7112102	ALARA Planning and Controls		02/24/2003	02/28/2003	Baseline Inspections
1, 2, 3	IP 7112202	Radioactive Material Processing and Transportation		02/24/2003	02/28/2003	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		02/24/2003	02/28/2003	Baseline Inspections
<b>EB2-ISI - INSERVICE INSPECTION-U2</b>			<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		03/03/2003	03/07/2003	Baseline Inspections
<b>PS-RP - RADIATION PROTECTION</b>			<b>2</b>			
1, 2, 3	IP 7112101	Access Control to Radiologically Significant Areas		03/10/2003	03/14/2003	Baseline Inspections
1, 2, 3	IP 7112102	ALARA Planning and Controls		03/10/2003	03/14/2003	Baseline Inspections
1, 2, 3	IP 7112202	Radioactive Material Processing and Transportation		03/10/2003	03/14/2003	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		03/10/2003	03/14/2003	Baseline Inspections

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

**Browns Ferry**  
**Inspection / Activity Plan**  
**09/01/2002 - 09/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PB6-FP</b>	<b>- FLOOD PROTECTION</b>	<b>1</b>			
1, 2, 3	IP 7111106	Flood Protection Measures		03/24/2003	03/28/2003	Baseline Inspections
	<b>OL-EP</b>	<b>- EMERGENCY EXERCISE</b>	<b>2</b>			
1, 2, 3	IP 7111401	Exercise Evaluation		06/02/2003	06/06/2003	Baseline Inspections
1, 2, 3	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/02/2003	06/06/2003	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		06/02/2003	06/06/2003	Baseline Inspections
	<b>EB2-MR</b>	<b>- MAINTENANCE RULE</b>	<b>1</b>			
2, 3	IP 7111112B	Maintenance Effectiveness		07/07/2003	07/11/2003	Baseline Inspections
	<b>EB1-TFP</b>	<b>- TFP - PRE-INSPECTION VISIT</b>	<b>6</b>			
1, 2	IP 7111105T	Fire Protection		08/18/2003	08/22/2003	Baseline Inspections
	<b>EB1-TFP</b>	<b>- TRIENNIAL FIRE PROTECTION INSP</b>	<b>5</b>			
1, 2, 3	IP 7111105T	Fire Protection		09/08/2003	09/12/2003	Baseline Inspections
1, 2, 3	IP 7111105T	Fire Protection		09/22/2003	09/24/2003	Baseline Inspections
	<b>OL RQ</b>	<b>- REQUAL INSPECTION</b>	<b>2</b>			
1, 2, 3	IP 7111111B	Licensed Operator Requalification		09/15/2003	09/19/2003	Baseline Inspections