



**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

Southern Nuclear Operating Company, Inc.  
ATTN: Mr. J. B. Beasley, Jr.  
Vice President  
P. O. Box 1295  
Birmingham, AL 35201-1295

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - JOSEPH M. FARLEY NUCLEAR PLANT**

Dear Mr. Beasley:

On August 12, 2003, the NRC staff completed its mid-cycle plant performance assessment of the Joseph M. Farley Nuclear Plant. The mid-cycle review for Farley 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. Included in the inspection schedule are license renewal inspections. Also, we will be conducting inspections during the construction of your independent spent fuel storage facility (ISFSF). Since your construction schedule was not finalized at the time our inspection plan was developed, we will inform you in advance of these ISFSF inspections. Additionally, upon finalization of the future force-on-force program, we will be conducting an inspection at the next available opportunity to verify the effectiveness of your efforts to address the White finding identified during the previous Operational Security Response Evaluation.

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) 562-4540 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Brian R. Bonser, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

Docket Nos. 50-348, 50-364  
License Nos. NPF-2, NPF-8

Enclosure: Farley Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encl:

M. J. Ajluni, Licensing  
Services Manager, B-031  
Southern Nuclear Operating  
Company, Inc.  
Electronic Mail Distribution

D. E. Grissette  
General Manager, Farley Plant  
Southern Nuclear Operating  
Company, Inc.  
Electronic Mail Distribution

J. D. Woodard  
Executive Vice President  
Southern Nuclear Operating  
Company, Inc.  
Electronic Mail Distribution

State Health Officer  
Alabama Department of Public Health  
RSA Tower - Administration  
Suite 1552  
P. O. Box 303017  
Montgomery, AL 36130-3017

M. Stanford Blanton  
Balch and Bingham Law Firm  
P. O. Box 306  
1710 Sixth Avenue North  
Birmingham, AL 35201

William D. Oldfield  
Quality Assurance Supervisor  
Southern Nuclear Operating Company  
Electronic Mail Distribution

Institute of Nuclear Power Operations (INPO)

**Farley**  
**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>EB2-PIMR</b>	<b>- BIENNIAL PI&amp;R AND MAINTANCE RULE</b>	<b>5</b>			
1,2	IP 711112B	Maintenance Effectiveness		09/15/2003	09/17/2003	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		09/15/2003	09/19/2003	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		09/29/2003	10/03/2003	Baseline Inspections
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>2</b>			
1,2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		09/10/2003	09/12/2003	Baseline Inspections
1,2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strc		09/10/2003	09/12/2003	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>3</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		12/01/2003	12/05/2003	Baseline Inspections
	<b>EB1SSDPC</b>	<b>- SSDPC PRE-INSPECTION VISIT</b>	<b>2</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		01/05/2004	01/09/2004	Baseline Inspections
	<b>EB1SSDPC</b>	<b>- SAFETY SYS DESIGN &amp; PERFORMANCE CAPABILI</b>	<b>5</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		01/26/2004	01/30/2004	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		02/09/2004	02/13/2004	Baseline Inspections
	<b>EB2-ISI</b>	<b>- INSERVICE INSPECTION-U2</b>	<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/22/2004	03/26/2004	Baseline Inspections
	<b>2515/150</b>	<b>- 2515/150 REV1 UNIT 2</b>	<b>1</b>			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		03/29/2004	04/02/2004	Safety Issues
	<b>LIC RENE</b>	<b>- FIRST LICENSE RENEWAL INSPECTION</b>	<b>4</b>			
1,2	IP 71002	License Renewal Inspection		05/10/2004	05/14/2004	License Renewal Insp
	<b>OL RQ</b>	<b>- REQUAL INSPECTION</b>	<b>2</b>			
1,2	IP 7111111B	Licensed Operator Requalification		07/26/2004	07/30/2004	Baseline Inspections
	<b>EB2-HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
1,2	IP 7111107B	Heat Sink Performance		08/09/2004	08/13/2004	Baseline Inspections
	<b>OL EP</b>	<b>- EP EXERCISE</b>	<b>2</b>			
1,2	IP 7111401	Exercise Evaluation		08/16/2004	08/20/2004	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/16/2004	08/20/2004	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/16/2004	08/20/2004	Baseline Inspections
	<b>LIC RENE</b>	<b>- SECOND LICENSE RENEWAL INSPECTION</b>	<b>4</b>			
1,2	IP 71002	License Renewal Inspection		09/20/2004	10/08/2004	License Renewal Insp

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