



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

August 26, 2002

Southern Nuclear Operating Company, Inc.  
ATTN: Mr. D. N. Morey  
Vice President  
P. O. Box 1295  
Birmingham, AL 35201

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

Dear Mr. Morey:

On August 5, 2002, the NRC staff completed its mid-cycle plant performance assessment of the Joseph M. Farley 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 Joseph M. Farley 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. Additionally, as we noted in our last Annual Assessment letter dated March 4, 2002, we had planned to conduct an Operational Safeguards Response Evaluation (OSRE) in September 2001. Although that effort was postponed due to the terrorist attacks on the World Trade Center and the Pentagon, we continue to plan to re-schedule it at the next available opportunity, following efforts to revise the OSRE process.

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 404-562-4520 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Stephen J. Cahill, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

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

Enclosure: Joseph M. Farley Nuclear  
Plant Inspection/ Activity Plan

cc w/encl:  
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(cc w/encl cont'd - See page 3)

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(cc w/encl cont'd)

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**Farley**  
**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>EB1-TFP - TRIENNIAL FIRE PROTECTION INSP</b>		<b>6</b>			
1, 2	IP 7111105T	Fire Protection		09/09/2002	09/13/2002	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>3</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/16/2002	09/20/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/16/2002	09/20/2002	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		09/16/2002	09/20/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/16/2002	09/20/2002	Baseline Inspections
	<b>EB2-ISI - INSERVICE INSPECTION-U2</b>		<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		09/23/2002	09/27/2002	Baseline Inspections
	<b>EB2-ISI - INSERVICE INSPECTION-CRDM TI-U2</b>		<b>1</b>			
2	IP 2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin .		09/23/2002	09/27/2002	Safety Issues
2	IP 7111108	Inservice Inspection Activities		09/23/2002	09/27/2002	Baseline Inspections
	<b>2515/145 - TI 2515/145 (U2) RE: BULLETIN 01-01</b>		<b>1</b>			
2	IP 2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin .		09/23/2002	09/29/2002	Safety Issues
	<b>PS-RP - RADIATION PROTECTION</b>		<b>2</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/30/2002	10/04/2002	Baseline Inspections
	<b>PS-SEC - SECURITY - PI VERIFICATION</b>		<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/10/2003	03/14/2003	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		03/10/2003	03/14/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/10/2003	03/14/2003	Baseline Inspections
	<b>EB2-ISI - INSERVICE INSPECTION-U1</b>		<b>1</b>			
1	IP 7111108	Inservice Inspection Activities		04/07/2003	04/11/2003	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23183	FARLEY/EXAMS AT POWER FACILITIES		05/19/2003	05/23/2003	Not Applicable
	<b>BR2-FP - FLOOD PROTECTION</b>		<b>1</b>			
1, 2	IP 7111106	Flood Protection Measures		06/23/2003	06/26/2003	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>3</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		07/28/2003	08/01/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/28/2003	08/01/2003	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/28/2003	08/01/2003	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		07/28/2003	08/01/2003	Baseline Inspections

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

**Farley**  
**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>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>3</b>			
1, 2	IP 71151	Performance Indicator Verification		07/28/2003	08/01/2003	Baseline Inspections
	<b>OL EP</b>	<b>- EP INSPECTION</b>	<b>1</b>			
1, 2	IP 7111402	Alert and Notification System Testing		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/04/2003	08/08/2003	Baseline Inspections
	<b>EB2-MODS</b>	<b>- MODIFICATIONS/10CFR50.59</b>	<b>3</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		08/11/2003	08/15/2003	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		08/11/2003	08/15/2003	Baseline Inspections
	<b>EB2-PIMR</b>	<b>- PI&amp;R/MR</b>	<b>1</b>			
1, 2	IP 7111112B	Maintenance Effectiveness		09/15/2003	09/19/2003	Baseline Inspections
1, 2	IP 71152	Identification and Resolution of Problems		09/15/2003	09/19/2003	Baseline Inspections
1, 2	IP 7111112B	Maintenance Effectiveness		09/29/2003	10/03/2003	Baseline Inspections
1, 2	IP 71152	Identification and Resolution of Problems		09/29/2003	10/03/2003	Baseline Inspections
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategie		09/29/2003	10/03/2003	Baseline Inspections