



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

November 28, 2000

Southern Nuclear Operating Company, Inc.  
ATTN: Mr. H. L. Sumner, Jr.  
Vice-President, Hatch Nuclear Plant  
P.O. Box 1295  
Birmingham, AL 35201-1295

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - HATCH  
NUCLEAR PLANT**

Dear Mr. Sumner:

On November 6, 2000, the NRC staff completed its mid-cycle plant performance assessment of Hatch Nuclear Plant. The mid-cycle review for Hatch involved the participation of all technical divisions in evaluating performance indicators (PI's) for the most recent quarter and inspection results for the period of April 2, 2000, through September 30, 2000. 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 PI's indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct baseline inspections at your facility through September 30, 2001.

In addition to the baseline inspections, we have also scheduled an Operational Safeguards Response Evaluation (OSRE) based on the amount of time that has elapsed since the last OSRE. We will continue with the OSRE's until the industry proposed Self-Assessment Program is approved by the NRC. Additionally, we have scheduled inspections to review activities associated with your Independent Spent Fuel Storage Facility and specialized inspections as part of our routine license renewal reviews for your license renewal application dated February 29, 2000.

The enclosure details the scheduled inspections that will occur through September 30, 2001. 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 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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

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If circumstances arise which cause us to change this 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. 50-321, 50-366  
License Nos. DPR-57, NPF-5

Enclosure: Hatch Inspection/Activity Plan

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**Hatch**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

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>1</b>			
1,2	IP 7112102	ALARA Planning and Controls		01/08/2001	01/12/2001	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		01/08/2001	01/12/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		01/08/2001	01/12/2001	Baseline Inspections
	<b>MB-PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>	<b>4</b>			
1,2	IP 71152	Identification and Resolution of Problems		02/05/2001	02/16/2001	Baseline Inspections
	<b>MB-LR</b>	<b>- LICENSE RENEWAL</b>	<b>3</b>			
1,2	IP 71002	License Renewal Inspection		02/26/2001	03/02/2001	Other Routine
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>6</b>			
1,2	IP 81110	Operational Safeguards Response Evaluation (OSRE)		03/05/2001	03/09/2001	Regional Initiative
	<b>MB-LR</b>	<b>- LICENSE RENEWAL</b>	<b>3</b>			
1,2	IP 71002	License Renewal Inspection		03/12/2001	03/16/2001	Other Routine
	<b>OL EP</b>	<b>- EMERGENCY PREPAREDNESS</b>	<b>1</b>			
1,2	IP 7111401	Exercise Evaluation		03/12/2001	03/16/2001	Baseline Inspections
	<b>MB ISFSI</b>	<b>- ISFSI</b>	<b>1</b>			
1,2	IP 60854	Preoperational Testing Of An ISFSI		04/02/2001	04/20/2001	Other Routine
	<b>EB-SSDI</b>	<b>- SSDI PRE-INSPECTION VISIT</b>	<b>1</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		05/07/2001	05/11/2001	Baseline Inspections
	<b>EB-SSDI</b>	<b>- SSDI W/50.59</b>	<b>6</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		05/28/2001	06/01/2001	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		05/28/2001	06/01/2001	Baseline Inspections
	<b>EB-SSDI</b>	<b>- SSDI</b>	<b>5</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		06/11/2001	06/15/2001	Baseline Inspections
	<b>PS-PR</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1,2	IP 7112102	ALARA Planning and Controls		07/16/2001	07/20/2001	Baseline Inspections
	<b>MB HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
1,2	IP 7111107B	Heat Sink Performance		08/06/2001	08/10/2001	Baseline Inspections
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1,2	IP 7113001	Access Authorization Program (Behavior Observation Only)		09/10/2001	09/14/2001	Baseline Inspections
1,2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		09/10/2001	09/14/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		09/10/2001	09/14/2001	Baseline Inspections
	<b>MB LR</b>	<b>- LICENSE RENEWAL</b>	<b>3</b>			
1,2	IP 71002	License Renewal Inspection		09/10/2001	09/21/2001	Other Routine