



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

March 3, 2004

Southern Nuclear Operating Company, Inc.
ATTN: J. Gasser, Jr., Vice President
Vogtle Electric Generating Plant
P. O. Box 1295
Birmingham, AL 35201-1295

SUBJECT: ANNUAL ASSESSMENT LETTER - VOGTLE ELECTRIC GENERATING PLANT
REPORT 05000424/2004001 AND 05000425/2004001

Dear Mr. Gasser:

On February 3, 2004, the NRC staff completed its end-of-cycle plant performance assessment of the Vogtle Electric Generating Plant. The end-of-cycle review for Vogtle involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through 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.

Overall, Vogtle operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 reactor oversight process (ROP) baseline inspections at your facility through September 30, 2005. We also plan on conducting several non-ROP inspections which include the reactor pressure vessel head and upper and lower head penetration nozzles, reactor containment sump blockage, and spent fuel material control and accounting.

On October 16, 2003, you submitted a request to combine the emergency operating facilities (EOFs) for Farley, Hatch, and Vogtle in to one EOF in Birmingham, Alabama. As part of the review for that request, we made arrangements for a demonstration of the centralized EOF's capabilities on July 14, 2004. This demonstration will include supporting exercises at Plant Farley and Plant Hatch. These exercises are not being evaluated as part of the ROP but will be used to determine approval of the request to combine the EOFs.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. 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 twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of Order implementation combined with newly developed portions of the security baseline inspection program.

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 this 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.: 50-424, 50-425
License Nos.: NPF-68, NPF-81

Enclosure: Plant Vogtle Inspection/Activity Plan

cc w/encl: (See page 3)

SNC

3

cc w/encl:

J. B. Beasley, Jr.
Executive Vice President
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

W. F. Kitchens
General Manager, Plant Vogtle
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

N. J. Stringfellow
Manager-Licensing
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Director, Consumers' Utility Counsel
Division
Governor's Office of Consumer Affairs
2 M. L. King, Jr. Drive
Plaza Level East; Suite 356
Atlanta, GA 30334-4600

Office of the County Commissioner
Burke County Commission
Waynesboro, GA 30830

Director, Department of Natural Resources
205 Butler Street, SE, Suite 1252
Atlanta, GA 30334

Manager, Radioactive Materials Program
Department of Natural Resources
Electronic Mail Distribution

Attorney General
Law Department
132 Judicial Building
Atlanta, GA 30334

Laurence Bergen
Oglethorpe Power Corporation
Electronic Mail Distribution

Resident Manager
Oglethorpe Power Corporation
Alvin W. Vogtle Nuclear Plant
Electronic Mail Distribution

Arthur H. Domby, Esq.
Troutman Sanders
Electronic Mail Distribution

Senior Engineer - Power Supply
Municipal Electric Authority
of Georgia
Electronic Mail Distribution

Reece McAlister
Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, GA 30334

INPO
Institute of Nuclear Power Operations
700 Galleria Parkway SE
Atlanta, GA 30339-5943

Vogle
Inspection / Activity Plan
03/01/2004 - 09/30/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PB2-154 - SPENT FUEL MC&A		2			
1, 2	IP 2515/154	Spent Fuel Material Control and Accounting at Nuclear Power Plants		03/28/2004	06/26/2004	Safety Issues
	EB2-HS - HEAT SINK		1			
1, 2	IP 7111107B	Heat Sink Performance		04/12/2004	04/16/2004	Baseline Inspections
	PB2-150 - RPV & VHP INSPECTION		2			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		04/18/2004	05/12/2004	Safety Issues
	PB2-152 - RPV LOWER HEAD INSPECTION		2			
2	IP 2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02)		04/18/2004	05/12/2004	Safety Issues
	PB2-153 - CONTAINMENT SUMP BLOCKAGE INSPECTION		2			
2	IP 2515/153	Reactor Containment Sump Blockage (NRC Bulletin 2003-01)		04/18/2004	05/12/2004	Safety Issues
	EB2-ISI - INSERVICE INSPECTION-U2		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/26/2004	04/30/2004	Baseline Inspections
	PS-RP - RADIATION PROTECTION		2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		04/26/2004	04/30/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		04/26/2004	04/30/2004	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		04/26/2004	04/30/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		04/26/2004	04/30/2004	Baseline Inspections
	PS-RP - RADIATION PROTECTION		2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		05/03/2004	05/07/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		05/03/2004	05/07/2004	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		05/03/2004	05/07/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		05/03/2004	05/07/2004	Baseline Inspections
	PS-SEC - SECURITY		2			
1, 2	IP 7113001	Access Authorization		05/24/2004	05/28/2004	Baseline Inspections
1, 2	IP 7113002	Access Control		05/24/2004	05/28/2004	Baseline Inspections
	PS-SEC - SOUTH. NUC. CORP.ACCESS AUTH. BIRMINGHA		2			
1, 2	IP 7113001	Access Authorization		05/24/2004	05/28/2004	Baseline Inspections
	EB1-TFP - TRIENNIAL FIRE PROTECTION PRE-INSP VISIT		4			
1, 2	IP 7111105T	Fire Protection		07/26/2004	07/30/2004	Baseline Inspections
	EB1-TFP - TRIENNIAL FIRE PROTECTION INSPECTION		4			
1, 2	IP 7111105T	Fire Protection		08/16/2004	08/20/2004	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		08/30/2004	09/03/2004	Baseline Inspections
	OL EP - EMERGENCY EXERCISE		2			
1, 2	IP 7111401	Exercise Evaluation		09/20/2004	09/24/2004	Baseline Inspections

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

Vogle
Inspection / Activity Plan
03/01/2004 - 09/30/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OL EP	- EMERGENCY EXERCISE	2			
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/20/2004	09/24/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/20/2004	09/24/2004	Baseline Inspections
	PB2-FP	- FLOOD PROTECTION	1			
1, 2	IP 7111106	Flood Protection Measures		10/04/2004	10/08/2004	Baseline Inspections
	EB2-MODS	- MODIFICATIONS/10CFR50.59	4			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/18/2004	10/22/2004	Baseline Inspections
1, 2	IP 711117B	Permanent Plant Modifications		10/18/2004	10/22/2004	Baseline Inspections
	PB2-PI&R	- BIENNIAL PI&R	4			
1, 2	IP 71152B	Identification and Resolution of Problems		11/01/2004	11/05/2004	Baseline Inspections
1, 2	IP 71152B	Identification and Resolution of Problems		11/15/2004	11/19/2004	Baseline Inspections
	EB2-ISI	- INSERVICE INSPECTION-U1	1			
1	IP 7111108P	Inservice Inspection Activities - PWR		03/14/2005	03/18/2005	Baseline Inspections
	OL EP	- EP INSPECTION	1			
1, 2	IP 7111402	Alert and Notification System Testing		06/27/2005	07/01/2005	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		06/27/2005	07/01/2005	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/27/2005	07/01/2005	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/27/2005	07/01/2005	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/27/2005	07/01/2005	Baseline Inspections
	EB1SSDPC	- SSDPC PRE-INSPECTION VISIT	2			
1, 2	IP 7111121	Safety System Design and Performance Capability		07/18/2005	07/22/2005	Baseline Inspections
	OL RQ	- REQUAL INSPECTION	2			
1, 2	IP 7111111B	Licensed Operator Requalification Program		08/08/2005	08/12/2005	Baseline Inspections
	EB1SSDPC	- SAFETY SYSTEM DESIGN & PERF. CAPABILITY	5			
1, 2	IP 7111121	Safety System Design and Performance Capability		08/15/2005	08/19/2005	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		08/29/2005	09/02/2005	Baseline Inspections
	PS-RP	- RP PUBLIC BASELINE	3			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		08/29/2005	09/02/2005	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/29/2005	09/02/2005	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/29/2005	09/02/2005	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		08/29/2005	09/02/2005	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/29/2005	09/02/2005	Baseline Inspections

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