



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

March 4, 2009

Mr. Tom E. Tynan
Vice President - Vogtle
Southern Nuclear Operating Company, Inc.
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

SUBJECT: ANNUAL ASSESSMENT LETTER - VOGTLE ELECTRIC GENERATING PLANT
(NRC INSPECTION REPORT 05000424/2009001 AND 05000425/2009001)

Dear Mr. Tynan:

On February 10, 2009, the NRC staff completed its performance review of the Vogtle Electric Generating Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. 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.

This performance review and enclosed inspection plan do not include security information. A separate letter, designated and marked as "Official Use Only - Security Related Information," will include the security cornerstone performance review and resultant inspection plan.

Overall, Vogtle Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. 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 reactor oversight process (ROP) baseline inspections at your facility. In addition to ROP baseline inspections, we also plan on performing NRC Temporary Instructions 2515/172, Reactor Coolant System Dissimilar Metal Butt Welds, and 2515/173, Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative, and conducting reactor operator licensing examinations.

While plant performance for the most recent quarter was within the Licensee Response column of the NRC's Action Matrix, there were safety significant inspection findings and performance indicators from the first three quarters of the assessment cycle. Both units were in the Regulatory Response column of the NRC's Action Matrix due to a White finding in the Emergency Preparedness Cornerstone originating in third quarter of 2006. This finding was successfully inspected using Inspection Procedure 95001 "Inspection For One Or Two White Inputs In A Strategic Performance Area," and closed during the first quarter of 2008. Also, in

the fourth quarter of 2007, you reported the Unit 1 and 2 Mitigating System Performance Index (MSPI), Cooling Water Systems PIs as White. After further review of the PI data, you reported the PI as Green in the first quarter of 2008. You also amended the earlier PI data and reported the PI as Green for the third and fourth quarters of 2007. Because the PI was previously reported as White, a supplemental inspection in accordance with Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area" was conducted in the third quarter of 2008. The results of this supplemental inspection provided assurance that the PI data was properly evaluated and justified reporting the PI as Green.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 2010. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

In accordance with 10 CFR 2.390 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 Scott Shaeffer at (404) 562-4521 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/JTM RA for/

Leonard D. Wert, Jr. Director
Division of Reactor Projects, Region II

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

Enclosure: Vogtle Inspection/ Activity Plan

cc w/encl: (See page 3)

cc w/encl:
Angela Thornhill
Managing Attorney and Compliance Officer
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

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

Jeffrey T. Gasser
Executive Vice President
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

L. Mike Stinson
Vice President
Fleet Operations Support
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Michael A. MacFarlane
Southern Nuclear Operating Company, Inc.
40 Inverness Center Parkway
P.O. Box 1295
Birmingham, AL 35201-1295

David H. Jones
Vice President
Engineering
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Bob Masse
Resident Manager
Vogtle Electric Generating Plant
Oglethorpe Power Corporation
Electronic Mail Distribution

Moanica Caston
Vice President and General Counsel
Southern Nuclear Operating Company, Inc.
Electronic Mail Distribution

Laurence Bergen
Oglethorpe Power Corporation
Electronic Mail Distribution

Mr. N. Holcomb
Commissioner
Department of Natural Resources
Electronic Mail Distribution

Dr. Carol Couch
Director
Environmental Protection
Department of Natural Resources
Electronic Mail Distribution

Cynthia Sanders
Program Manager
Radioactive Materials Program
Department of Natural Resources
Electronic Mail Distribution

Jim Sommerville
(Acting) Chief
Environmental Protection Division
Department of Natural Resources
Electronic Mail Distribution

Mr. Steven M. Jackson
Senior Engineer - Power Supply
Municipal Electric Authority of Georgia
Electronic Mail Distribution

Mr. Reece McAlister
Executive Secretary
Georgia Public Service Commission
Electronic Mail Distribution

Office of the Attorney General
Electronic Mail Distribution

Office of the County Commissioner
Burke County Commission
Electronic Mail Distribution

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

SNC

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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

Susan E. Jenkins
Director, Division of Waste Management
Bureau of Land and Waste Management
S.C. Department of Health and
Environmental Control
Electronic Mail Distribution

Vogtle

Inspection / Activity Plan

03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			OL EXAM - INITIAL EXAM PREP		4
1	05/11/2009	05/14/2009	V23315	VOGTLE\JUNE 2009 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 1		4
1	06/01/2009	06/05/2009	V23315	VOGTLE\JUNE 2009 EXAM AT POWER FACILITIES	
			PSB1EP - EMERGENCY PREPAREDNESS INSPECTION		1
1,2	06/01/2009	06/05/2009	IP 7111402	Alert and Notification System Testing	
1,2	06/01/2009	06/05/2009	IP 7111403	Emergency Response Organization Augmentation Testing	
1,2	06/01/2009	06/05/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	06/01/2009	06/05/2009	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1,2	06/01/2009	06/05/2009	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL EXAM - WEEK 2		4
1	06/08/2009	06/12/2009	V23315	VOGTLE\JUNE 2009 EXAM AT POWER FACILITIES	
			OL RQ - REQUAL INSPECTION		3
1,2	07/13/2009	07/17/2009	IP 7111111B	Licensed Operator Requalification Program	
			PSB1-RP - RADIATION PROTECTION PUBLIC INSPECTION		3
1,2	07/13/2009	07/17/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
1,2	07/13/2009	07/17/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
1,2	07/13/2009	07/17/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
1,2	07/13/2009	07/17/2009	IP 71151	Performance Indicator Verification	
			EB3ISI - UNIT 1 INSERVICE INSPECTION		2
1	09/28/2009	10/02/2009	IP 7111108P	Inservice Inspection Activities - PWR	
			EB3TI172 - TI-172 RCS DM BUTT WELDS		1
1	09/28/2009	10/02/2009	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
			PSB1-RP - RP ACCESS CONTROLS INSPECTION (OUTAGE)		1
1,2	09/28/2009	10/02/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
1,2	09/28/2009	10/02/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	09/28/2009	10/02/2009	IP 71151	Performance Indicator Verification	
			PSB1-RP - RP GROUNDWATER PROTECTION		1
1,2	10/05/2009	10/07/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
			EB3SGISI - UNIT 1 STEAM GENERATOR INSERVICE INSP		1
1	10/05/2009	10/09/2009	IP 7111108P	Inservice Inspection Activities - PWR	
			PSB1-RP - RP OCCUPATIONAL BASELINE WEEK1		3
1,2	03/08/2010	03/12/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	03/08/2010	03/12/2010	IP 7112102	ALARA Planning and Controls	
1,2	03/08/2010	03/12/2010	IP 7112202	Radioactive Material Processing and Transportation	

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

Enclosure

Vogle
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PSB1-RP - RP OCCUPATIONAL BASELINE WEEK1		3
1,2	03/08/2010	03/12/2010	IP 71151	Performance Indicator Verification	
			EB3ISI - UNIT 2 INSERVICE INSPECTION		1
2	03/15/2010	03/19/2010	IP 7111108P	Inservice Inspection Activities - PWR	
			PSB1-RP - RP OCCUPATIONAL BASELINE WEEK 2		2
1,2	03/22/2010	03/26/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	03/22/2010	03/26/2010	IP 7112102	ALARA Planning and Controls	
1,2	03/22/2010	03/26/2010	IP 7112202	Radioactive Material Processing and Transportation	
1,2	03/22/2010	03/26/2010	IP 71151	Performance Indicator Verification	
			PSB1EP - EMERGENCY PREPAREDNESS EXERCISE		3
1,2	05/17/2010	05/21/2010	IP 7111401	Exercise Evaluation	
1,2	05/17/2010	05/21/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	05/17/2010	05/21/2010	IP 71151	Performance Indicator Verification	
			EB1-CDBI - COMPONENT DESIGN BASES INSPECTION		5
1,2	05/31/2010	06/04/2010	IP 7111121	Component Design Bases Inspection	
1,2	06/14/2010	06/18/2010	IP 7111121	Component Design Bases Inspection	
1,2	06/28/2010	07/02/2010	IP 7111121	Component Design Bases Inspection	

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