



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

September 2, 2008

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – VOGTLE
ELECTRIC GENERATING PLANT

Dear Mr. Tynan:

On August 12, 2008, the NRC staff completed its performance review of Vogtle Electric Generating Plant for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 Physical Protection/Security cornerstone performance review and resultant inspection plan.

Plant performance for the most recent quarter at Vogtle Units 1 and 2 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). In the first quarter 2008, the NRC completed a Unit 1 and Unit 2 Supplemental 95001 inspection regarding the previously issued White finding in the area of Emergency Preparedness. With the satisfactory completion of this inspection, the finding was removed from the NRC Action Matrix in the second quarter 2008.

In the fourth quarter of 2007, you identified a potential failure of a cooling water system and reported the Mitigating System Performance Index (MSPI), Cooling Water Systems PI as White. After further review, you determined that there was no failure of the cooling water system and reported the PI as Green in the first quarter of 2008. You also amended the earlier PI data, and re-reported the PI as Green since the third quarter 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" will occur third quarter 2008. The objective of this inspection is to provide assurance that the previously reported component failures were properly evaluated and justified removing these failure from the PI data.

In addition, we plan to conduct reactor oversight process (ROP) baseline inspections at Unit 1 and 2. We also plan on conducting several non-ROP inspections of reactor coolant system dissimilar metal butt welds (Temporary Instruction (TI) 2515/172), and Emergency Response Organization Drill/Exercise Performance Indicator (TI 2515/175).

In addition, TI 2515/173, Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative, will be performed at your facility prior to August 30, 2010. In the near term, we will contact you to assess your readiness for this inspection and then finalize our schedule accordingly.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. 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 end-of-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 the 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,

/RA/

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

Docket No.: 50-424, 50-425
License No.: NPF-68, NPF-81

Enclosure: Vogtle Inspection/Activity Plan

cc w/encl: (See page 3)

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Vogle
Inspection / Activity Plan
09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	TI-176	- EDG SURVEILLANCE REQUIREMENTS	2			
1,2	IP 2515/176	Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin		07/01/2008	12/31/2008	Generic Safety Inspectio
	EB3ISI	- UNIT 2 INSERVICE INSPECTION	1			
2	IP 7111108P	Inservice Inspection Activities - PWR		09/22/2008	09/26/2008	Baseline Inspections
	PSB1-RP	- RADIATION PROTECTION OCCUPATIONAL WK1	2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/22/2008	09/26/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		09/22/2008	09/26/2008	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		09/22/2008	09/26/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		09/22/2008	09/26/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		09/22/2008	09/26/2008	Baseline Inspections
	EB3SGISI	- UNIT 2 SG INSERVICE INSPECTION	1			
2	IP 7111108P	Inservice Inspection Activities - PWR		09/29/2008	10/03/2008	Baseline Inspections
	PSB1-RP	- RADIATION PROTECTION OCCUPATIONAL WK2	2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/06/2008	10/10/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/06/2008	10/10/2008	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/06/2008	10/10/2008	Baseline Inspections
2	IP 71151-OR01	Occupational Exposure Control Effectiveness		10/06/2008	10/10/2008	Baseline Inspections
2	IP 71151-PR01	RETS/ODCM Radiological Effluent		10/06/2008	10/10/2008	Baseline Inspections
	EB1-MODS	- MODIFICATIONS - 10CFR50.59	5			
1,2	IP 7111117	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		10/27/2008	11/07/2008	Baseline Inspections
	PI&R	- PREP TRIP-PROBLEM ID AND RESOL	1			
1,2	IP 71152B	Identification and Resolution of Problems		12/01/2008	12/05/2008	Baseline Inspections
	PSB1-EP	- EMERGENCY PREPAREDNESS EXERCISE	3			
1,2	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		12/01/2008	12/05/2008	Baseline Inspections
1,2	IP 7111401	Exercise Evaluation		12/01/2008	12/05/2008	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/01/2008	12/05/2008	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		12/01/2008	12/05/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		12/01/2008	12/05/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		12/01/2008	12/05/2008	Baseline Inspections
	PI&R	- PROBLEM IDENTIFIATION AND RESOLUTION	5			
1,2	IP 71152B	Identification and Resolution of Problems		02/09/2009	02/13/2009	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		02/23/2009	02/27/2009	Baseline Inspections
	OL EXAM	- INITIAL EXAM PREP	3			
1	V23315	VOGTLEJUNE 2009 EXAM AT POWER FACILITIES		05/11/2009	05/14/2009	Not Applicable

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

Vogle
Inspection / Activity Plan
09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	OL EXAM - INITIAL EXAM - WEEK 1		3			
1	V23315	VOGTLE\JUNE 2009 EXAM AT POWER FACILITIES		06/01/2009	06/05/2009	Not Applicable
	OL EXAM - INITIAL EXAM - WEEK 2		3			
1	V23315	VOGTLE\JUNE 2009 EXAM AT POWER FACILITIES		06/08/2009	06/12/2009	Not Applicable
	PSB1EP - EMERGENCY PREPAREDNESS INSPECTION		1			
1,2	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		06/22/2009	06/26/2009	Baseline Inspections
1,2	IP 7111402	Alert and Notification System Testing		06/22/2009	06/26/2009	EP Baseline Inspection
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		06/22/2009	06/26/2009	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/22/2009	06/26/2009	EP Baseline Inspection
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/22/2009	06/26/2009	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		06/22/2009	06/26/2009	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		06/22/2009	06/26/2009	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		06/22/2009	06/26/2009	Baseline Inspections
	PSB1-RP - RP PUBLIC PREINSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		06/29/2009	07/01/2009	Baseline Inspections
	OL RQ - REQUAL INSPECTION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		07/13/2009	07/17/2009	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PUBLIC INSPECTION		3			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/13/2009	07/17/2009	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/13/2009	07/17/2009	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		07/13/2009	07/17/2009	Baseline Inspections
1,2	IP 71151-PR01	RETS/ODCM Radiological Effluent		07/13/2009	07/17/2009	Baseline Inspections
	EB3ISI - UNIT 1 INSERVICE INSPECTION		2			
1	IP 7111108P	Inservice Inspection Activities - PWR		09/28/2009	10/02/2009	Baseline Inspections
	EB3TI172 - TI-172 RCS DM BUTT WELDS		1			
1	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		09/28/2009	10/02/2009	Generic Safety Inspectio
	PSB1-RP - RP ACCESS CONTROLS INSPECTION (OUTAGE)		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/28/2009	10/02/2009	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		09/28/2009	10/02/2009	Baseline Inspections
	EB3SGISI - UNIT 1 STEAM GENERATOR INSERVICE INSP		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/05/2009	10/09/2009	Baseline Inspections

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