



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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/RA/

Leonard D. Wert, Jr., Director  
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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS:  Yes      ACCESSION NUMBER: \_\_\_\_\_       SUNSI REVIEW COMPLETE /SMS/

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	SMS /RA for/	SMS /RA/	LDW /RA/				
NAME	TLighty	SShaeffler	LWert				
DATE	08/29/2008	08/29/2008	09/02/2008				
E-MAIL COPY?	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO

SNC, Inc.

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Letter to Tom E. Tynan from Leonard D. Wert, Jr. dated September 2, 2008

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

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