



**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. David A. Christian
President and Chief Nuclear Officer
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - SURRY
POWER STATION**

Dear Mr. Christian:

On August 14, 2008, the NRC staff completed its performance review of Surry Power Station, Units 1 and 2 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 review and resultant inspection plan.

Plant performance for the most recent quarter at Surry Power Station, 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). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections which include: TI 2515/173 Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative; and TI 2515/176 Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing.

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 me at 404-562-4612 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mark A. Bates, Acting Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket Nos.: 50-280, 50-281
License Nos.: DPR-32, DPR-37

Enclosure: Surry Power Station Inspection / Activity Plan

(cc w/encl cont'd - See page 3)

cc w/encl:

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Surry
Inspection / Activity Plan
09/02/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	OL RQ - REQUAL INSPECTION		3			
1, 2	IP 7111111B	Licensed Operator Requalification Program		01/19/2009	01/23/2009	Baseline Inspections
	EB3ISI - UNIT 1 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/27/2009	05/01/2009	Baseline Inspections
	EB3SGISI - UNIT 1 STEAM GENERATOR INSERVICE INSP		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		05/04/2009	05/08/2009	Baseline Inspections
	TFPI - TRIENNIEL FIRE PROTECTION INSPECTION		5			
1, 2	IP 7111105T	Fire Protection [Triennial]		06/08/2009	06/12/2009	Baseline Inspections
1, 2	IP 7111105T	Fire Protection [Triennial]		06/22/2009	06/26/2009	Baseline Inspections
	OL EXAM - INITIAL EXAM PREP		4			
1	V23314	SURRY/NOVEMBER 2009 EXAM AT POWER FACILITIES		06/29/2009	07/02/2009	Not Applicable
	OL EXAM - INITIAL EXAM - WEEK 1		4			
1	V23314	SURRY/NOVEMBER 2009 EXAM AT POWER FACILITIES		07/20/2009	07/24/2009	Not Applicable
	PSB1EP - EMERGENCY PREPAREDNESS EXERCISE		3			
1, 2	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		07/20/2009	07/24/2009	Baseline Inspections
1, 2	IP 7111401	Exercise Evaluation		07/20/2009	07/24/2009	EP Baseline Inspection
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/20/2009	07/24/2009	EP Baseline Inspection
1, 2	IP 71151-EP01	Drill/Exercise Performance		07/20/2009	07/24/2009	Baseline Inspections
1, 2	IP 71151-EP02	ERO Drill Participation		07/20/2009	07/24/2009	Baseline Inspections
1, 2	IP 71151-EP03	Alert & Notification System		07/20/2009	07/24/2009	Baseline Inspections
	PSB1-RP - TI 2515 GROUND WATER INSPECTION		1			
1, 2	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		09/14/2009	09/18/2009	Generic Safety Inspectio
1, 2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		09/14/2009	09/18/2009	Other Routine
	PSB1-RP - RP OCCUPATIONAL INSPECTION WK 1 (OUTAGE)		2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/26/2009	10/30/2009	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/26/2009	10/30/2009	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		10/26/2009	10/30/2009	Baseline Inspections
1, 2	IP 71151-OR01	Occupational Exposure Control Effectiveness		10/26/2009	10/30/2009	Baseline Inspections
1, 2	IP 71151-PR01	RETS/ODCM Radiological Effluent		10/26/2009	10/30/2009	Baseline Inspections
	EB3ISI - UNIT 2 INSERVICE INSPECTION		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		11/02/2009	11/06/2009	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL INSPECTION WK2 (OUTAGE)		2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		11/16/2009	11/20/2009	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		11/16/2009	11/20/2009	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		11/16/2009	11/20/2009	Baseline Inspections

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

Surry
Inspection / Activity Plan
09/02/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	5			
1	IP 71152B	Identification and Resolution of Problems		11/30/2009	12/04/2009	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		12/14/2009	12/18/2009	Baseline Inspections

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