



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

March 3, 2008

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

SUBJECT: ANNUAL ASSESSMENT LETTER - SURRY POWER STATION
(NRC INSPECTION REPORT 05000280/2008001 AND 05000281/2008001)

Dear Mr. Christian:

On February 6, 2008, the NRC staff completed its performance review of the Surry Power Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2007. 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 review and resultant inspection plan.

Overall, Surry Power Station 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, 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 reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections which include: TI 2515/166, "Pressurized Water Reactor Containment Sump Blockage;" TI 2515/171, "Verification of Site Specific Implementation of B.5.b Phase 2 & 3 Mitigating Strategies;" and TI 2515/172, "Reactor Coolant System Dissimilar Metal Butt Welds."

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 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 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 me at (404) 562-4662 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Eugene Guthrie, Chief
Reactor Projects Branch 5
Division of Reactor Projects

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

Enclosure: Surry Inspection/Activity Plan (03/01/08 - 06/30/09)

cc w/encl.: (See page 3)

cc w/encl.:

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Surry
Inspection / Activity Plan
03/01/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OL EXAM - INITIAL EXAM		4			
1	V23279	SURRY/MARCH 2008 EXAM AT POWER FACILITIES		03/17/2008	03/28/2008	Not Applicable
	EB1-SUMP - TI 2515/166 CONTAINMENT SUMP INSPECTION		1			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		05/05/2008	05/09/2008	Safety Issues
	EB3-ISI - UNIT 2 - ISI		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		05/05/2008	05/09/2008	Baseline Inspections
	EB3TI172 - TI-172		2			
1,2	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		05/05/2008	05/09/2008	Generic Safety Inspectio
	EB3SGISI - U2 SG ISI		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		05/12/2008	05/16/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		06/23/2008	06/25/2008	Baseline Inspections
	EB3-HS - HEAT SINK		1			
1,2	IP 7111107B	Heat Sink Performance		06/23/2008	06/27/2008	Baseline Inspections
	PSB1-EP - EP INSP		1			
1,2	IP 7111402	Alert and Notification System Testing		07/14/2008	07/18/2008	EP Baseline Inspection
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		07/14/2008	07/18/2008	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/14/2008	07/18/2008	EP Baseline Inspection
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/14/2008	07/18/2008	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		07/14/2008	07/18/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		07/14/2008	07/18/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		07/14/2008	07/18/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PUBLIC BASELINE		4			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 71151-PR01	RETS/ODCM Radiological Effluent		07/28/2008	08/01/2008	Baseline Inspections
	TI-171 - B.5.B PHASE 2&3		3			
1,2	IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		08/04/2008	08/08/2008	Generic Safety Inspectio
	OL RQ - REQUAL INSPECTION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		04/06/2009	04/10/2009	Baseline Inspections
	EB3ISI - UNIT 1 ISI		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/27/2009	05/01/2009	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
03/01/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
	TFPI	- TFPI	6			
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

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 This report shows only on-site and announced inspection procedures.