



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

March 5, 2012

Mr. J. R. Morris  
Site Vice President  
Duke Energy Carolinas, LLC  
Catawba Nuclear Station  
4800 Concord Road  
York, SC 29745-9635

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR CATAWBA NUCLEAR STATION UNITS  
1 AND 2 (REPORT 05000413/2011007 AND 05000414/2011007)**

Dear Mr. Morris:

On February 14, 2012, the NRC completed its end-of-cycle performance review of Catawba Nuclear Station (CNS) Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, CNS Units 1 and 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at CNS Units 1 and 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low safety significance (i.e., Green), and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility. We will also conduct operator licensing examinations and Temporary Instruction 182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

DEC

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4607 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Jonathan H. Bartley, Chief  
Reactor Projects Branch 1  
Division of Reactor Projects

Docket Nos.: 50-413, 50-414  
License Nos.: NPF-35, NPF-52

cc w/encl: (See page 3)

Enclosure: Catawba Inspection/Activity Plan (03/01/2012 – 06/30/2013)

cc w/encl:

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**Catawba**  
**Inspection / Activity Plan**  
**03/01/2012 - 06/30/2013**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>EB3 ISI - UNIT 2 INSERVICE INSPECTION</b>		<b>1</b>
2	03/19/2012	03/23/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>PSB1-RP - OCCUPATIONAL RADIATION PROTECTION WK1</b>		<b>3</b>
1,2	03/19/2012	03/23/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	03/19/2012	03/23/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	03/19/2012	03/23/2012	IP 71124.04	Occupational Dose Assessment	
1,2	03/19/2012	03/23/2012	IP 71151	Performance Indicator Verification	
			<b>EB3SGISI - UNIT 2 SG INSERVICE INSPECTION</b>		<b>2</b>
2	03/26/2012	03/30/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>PSB1EP - EMERGENCY PREPAREDNESS EXERCISE</b>		<b>4</b>
1,2	04/16/2012	04/20/2012	IP 7111401	Exercise Evaluation	
1,2	04/16/2012	04/20/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	04/16/2012	04/20/2012	IP 7111406	Drill Evaluation	
			<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>
1,2	07/23/2012	07/27/2012	IP 7111111B	Licensed Operator Requalification Program	
			<b>CDBI - COMPONENT DESIGN BASES INSPECTION</b>		<b>8</b>
1,2	07/23/2012	07/27/2012	IP 7111121	Component Design Bases Inspection	
1,2	08/13/2012	08/17/2012	IP 7111121	Component Design Bases Inspection	
1,2	08/27/2012	08/31/2012	IP 7111121	Component Design Bases Inspection	
1,2	09/10/2012	09/14/2012	IP 7111121	Component Design Bases Inspection	
			<b>OL EXAM - INITIAL EXAM PREP</b>		<b>3</b>
1	08/13/2012	08/17/2012	V23378	CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	
			<b>OL EXAM - INITIAL EXAM - WEEK 1</b>		<b>3</b>
1	09/03/2012	09/07/2012	V23378	CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	
			<b>OL EXAM - INITIAL EXAM - WEEK 2</b>		<b>3</b>
1	09/10/2012	09/14/2012	V23378	CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	
			<b>PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>4</b>
1,2	10/22/2012	10/26/2012	IP 71152B	Problem Identification and Resolution	
1,2	11/05/2012	11/09/2012	IP 71152B	Problem Identification and Resolution	
			<b>PSB1-RP - OCCUPATIONAL RADIATION PROTECTION WK2</b>		<b>2</b>
1,2	11/05/2012	11/09/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	11/05/2012	11/09/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	11/05/2012	11/09/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	11/05/2012	11/09/2012	IP 71124.04	Occupational Dose Assessment	

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

**Catawba**  
**Inspection / Activity Plan**  
**03/01/2012 - 06/30/2013**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>PSB1-RP - OCCUPATIONAL RADIATION PROTECTION WK2</b>		<b>2</b>
1,2	11/05/2012	11/09/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1,2	11/05/2012	11/09/2012	IP 71151	Performance Indicator Verification	
			<b>EB3 ISI - UNIT 1 INSERVICE INSPECTION &amp; RPVH EXAMS</b>		<b>2</b>
1	12/03/2012	12/07/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>HS - TRIENNIAL HEAT SINK PERFORMANCE</b>		<b>1</b>
1,2	01/14/2013	01/18/2013	IP 7111107T	Heat Sink Performance	
			<b>TI-182 - TI-182 BURIED PIPING/TANK - PHASE 1</b>		<b>1</b>
1,2	04/01/2013	04/05/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>CAT TFPI - CAT - TRIENNIAL FIRE PROTECTION INSP</b>		<b>4</b>
1,2	04/09/2013	04/11/2013	IP 7111105T	Fire Protection [Triennial]	
1,2	04/22/2013	04/26/2013	IP 7111105T	Fire Protection [Triennial]	
1,2	05/06/2013	05/10/2013	IP 7111105T	Fire Protection [Triennial]	
			<b>PSB1-RP - RP PUBLIC BASELINE</b>		<b>6</b>
1,2	06/03/2013	06/07/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	06/03/2013	06/07/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	06/03/2013	06/07/2013	IP 71151	Performance Indicator Verification	

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