



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

September 4, 2012

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

SUBJECT: MID-CYCLE LETTER FOR CATAWBA NUCLEAR STATION UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000413/2012006 AND 05000414/2012006)

Dear Mr. Henderson:

On August 14, 2012, the NRC completed its mid-cycle performance review of Catawba Nuclear Station Unit 1 and Unit 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 2012. 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 assessment reflects the integration of the Security Cornerstone into the IMC 0305, "Reactor Oversight Process."ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at Catawba Unit 1 and Unit 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 (i.e., Green) safety significance, 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.

Although plant performance was within the Licensee Response Column, the NRC has not yet finalized the significance of AV 05000413/2012009-01, Failure to Provide Vendor with Accurate Design Information, and AV 05000414/2012009-02, Unit 2 Offsite Power Circuits Inoperable Due to Improper Unit 1 Zone G Modification. The final safety significance determination may affect the NRC's assessment of plant performance and the enclosed inspection plan.

The enclosed inspection plan lists the inspections scheduled through December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to ROP baseline inspections, we will conduct initial reactor operator examinations, Independent Spent Fuel Storage Installation inspections, Temporary Instruction (TI)-182 related to buried tanks and piping, and, consistent with the Agency's actions related to Fukushima, TI-187, Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns, and TI-188, Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns. The inspections listed during the last nine months of the inspection plan are tentative and may be

revised at the end-of- 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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 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).

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

Enclosure: Catawba Inspection/Activity Plan (09/01/2011 – 12/31/2012)

cc w/Encl: (See page 3)

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Catawba
Inspection / Activity Plan
09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1,2	09/10/2012	09/14/2012	CDBI	- COMPONENT DESIGN BASES INSPECTION	10
1	09/03/2012	09/07/2012	OL EXAM	- INITIAL EXAM - WEEK 1	3
				CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	
1	09/10/2012	09/14/2012	OL EXAM	- INITIAL EXAM - WEEK 2	3
				CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	
1,2	10/22/2012	10/26/2012	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	4
1,2	11/05/2012	11/09/2012	IP 71152B	Problem Identification and Resolution	
1,2	10/08/2012	10/09/2012	IP 71152B	Problem Identification and Resolution	
1,2	10/29/2012	11/02/2012	TI-188 P2	- TI-188 P2 - NTTF 2.3 - SEISMIC WALKDOWNS	1
				Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
1,2	10/29/2012	11/02/2012	PSB1EP	- EMERGENCY PREPAREDNESS EXERCISE	8
1,2	10/29/2012	11/02/2012	IP 7111401	Exercise Evaluation	
			IP 71151	Performance Indicator Verification	
1,2	11/05/2012	11/09/2012	PSB1-RP	- OCCUPATIONAL RADIATION PROTECTION WK2	2
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	
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	
1	12/03/2012	12/07/2012	EB3 ISI	- UNIT 1 INSERVICE INSPECTION & RPVH EXAMS	2
			IP 711108P	Inservice Inspection Activities - PWR	
1,2	01/14/2013	01/18/2013	HS	- TRIENNIAL HEAT SINK PERFORMANCE	1
			IP 711107T	Heat Sink Performance	
1,2	01/28/2013	02/01/2013	PSB1-RP	- RP PUBLIC BASELINE	3
1,2	01/28/2013	02/01/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	01/28/2013	02/01/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	01/28/2013	02/01/2013	IP 71151	Performance Indicator Verification	
1,2	02/04/2013	02/08/2013	ISFSI	- ISFSI MAGNASTOR DRY RUN	4
			IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1,2	03/04/2013	03/08/2013	EP	- ISFSI MAGNASTOR INITIAL LOADING	2
			IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1,2	03/11/2013	03/15/2013	EP	- EMERGENCY PREPAREDNESS INSPECTION	1
			IP 7111402	Alert and Notification System Testing	

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

Enclosure

Catawba
Inspection / Activity Plan
09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1,2	03/11/2013	03/15/2013	EP IP 7111403	- EMERGENCY PREPAREDNESS INSPECTION	1
1,2	03/11/2013	03/15/2013	IP 7111405	Emergency Preparedness Organization Staffing and Augmentation System	
1,2	03/11/2013	03/15/2013	IP 71151	Correction of Emergency Preparedness Weaknesses and Deficiencies	
				Performance Indicator Verification	
				TI-182 - TI-182 BURIED PIPING/TANK - PHASE 1	1
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	
				CAT TFPI - CAT - TRIENNIAL FIRE PROTECTION INSP	4
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]	
				OL EXAM - INITIAL EXAM PREP	2
1	08/19/2013	08/23/2013	V23405	CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	
1	09/16/2013	09/20/2013	V23405	OL EXAM - INITIAL EXAM WEEK 1	2
				CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	
				ISI - UNIT 2 INSERVICE INSPECTION	1
2	09/23/2013	09/27/2013	IP 7111108P	Inservice Inspection Activities - PWR	
				PSB1-RP - RAD HAZARD ANALYSIS AND TRANSPORTATION	4
1,2	09/23/2013	09/27/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	09/23/2013	09/27/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
				OL EXAM - INITIAL EXAM WEEK 2	2
1	09/23/2013	09/27/2013	V23405	CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	
				Comments:	

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Enclosure