



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

cc w/Encl: (See page 3)

X PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

X NON-SENSITIVE

ADAMS: ☐ Yes

ACCESSION NUMBER: _____

X SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRP						
SIGNATURE	JHB /RA/						
NAME	JBartley						
DATE	08/24/2012						
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: [HTTP://PORTAL.NRC.GOV/EDO/RII/DRP/BRANCH1/QUARTERLY DEBRIEF INPUTS/CNS MID-CYCLE LETTER.DOCX](http://portal.nrc.gov/EDO/RII/DRP/BRANCH1/QUARTERLY_DEBRIEF_INPUTS/CNS_MID-CYCLE_LETTER.DOCX)

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K. Henderson

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Letter to Kelvin Henderson from Jonathan H. Bartley dated September 4, 2012

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

Distribution w/encl:

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OE Mail

RIDSNNRRDIRS

PUBLIC

A. Adams, NRR

RidsNrrPMCatawba Resource

INPO

ROP Reports

Catawba

Inspection / Activity Plan

09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2	09/10/2012 09/14/2012	CDBI IP 7111121	- COMPONENT DESIGN BASES INSPECTION Component Design Bases Inspection	10
1	09/03/2012 09/07/2012	OL EXAM V23378	- INITIAL EXAM - WEEK 1 CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	3
1	09/10/2012 09/14/2012	OL EXAM V23378	- INITIAL EXAM - WEEK 2 CATAWBA/AUGUST 2012 EXAM AT POWER FACILITIES	3
1, 2	10/22/2012 10/26/2012	PI&R IP 71152B	- PROBLEM IDENTIFICATION AND RESOLUTION 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	TI-188 IP 2515/188	- TI-188 P2 - NTTF 2.3 - SEISMIC WALKDOWNS Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	1
1, 2	10/29/2012 11/02/2012	PSB1EP IP 7111401	- EMERGENCY PREPAREDNESS EXERCISE Exercise Evaluation	8
1, 2	10/29/2012 11/02/2012	IP 71151	Performance Indicator Verification	
1, 2	11/05/2012 11/09/2012	PSB1-RP IP 71124.03	- OCCUPATIONAL RADIATION PROTECTION WK2 In-Plant Airborne Radioactivity Control and Mitigation	2
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 IP 7111108P	- UNIT 1 INSERVICE INSPECTION & RPVH EXAMS Inservice Inspection Activities - PWR	2
1, 2	01/14/2013 01/18/2013	HS IP 7111107T	- TRIENNIAL HEAT SINK PERFORMANCE Heat Sink Performance	1
1, 2	01/28/2013 02/01/2013	PSB1-RP IP 71124.06	- RP PUBLIC BASELINE Radioactive Gaseous and Liquid Effluent Treatment	3
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 IP 60855.1	- ISFSI MAGNASTOR DRY RUN Operation of an Independent Spent Fuel Storage Installation at Operating Plants	4
1, 2	03/04/2013 03/08/2013	ISFSI IP 60855.1	- ISFSI MAGNASTOR INITIAL LOADING Operation of an Independent Spent Fuel Storage Installation at Operating Plants	2
1, 2	03/11/2013 03/15/2013	EP IP 7111402	- EMERGENCY PREPAREDNESS INSPECTION Alert and Notification System Testing	1

This report does not include INPO 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 End	Inspection Activity	Title	No. of Staff on Site
1, 2	03/11/2013 03/15/2013	EP 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 711151	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	03/11/2013 03/15/2013	IP 711151	Performance Indicator Verification	
1, 2	04/01/2013 04/05/2013	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	
1, 2	04/09/2013 04/11/2013	CAT TFPI	- CAT - TRIENNIAL FIRE PROTECTION INSP	4
1, 2	04/22/2013 04/26/2013	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]	
1	08/19/2013 08/23/2013	OL EXAM V23405	- INITIAL EXAM PREP	2
1	09/16/2013 09/20/2013	OL EXAM V23405	CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	2
1	09/16/2013 09/20/2013	OL EXAM V23405	- INITIAL EXAM WEEK 1	
2	09/23/2013 09/27/2013	ISI	- UNIT 2 INSERVICE INSPECTION	1
2	09/23/2013 09/27/2013	IP 7111108P	Inservice Inspection Activities - PWR	
1, 2	09/23/2013 09/27/2013	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	
1	09/23/2013 09/27/2013	OL EXAM V23405	- INITIAL EXAM WEEK 2	2
1	09/23/2013 09/27/2013	OL EXAM V23405	CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	

Comments:

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Enclosure