



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

September 3, 2013

Mr. Kelvin Henderson
Site Vice President
Duke Energy Corporation
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 13, 2013, 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, 2012, through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

Overall, Catawba Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. The NRC determined the performance at Catawba Unit 1 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix. Unit 1 was in the Regulatory Response Column for the first three quarters of the assessment period based on a White inspection finding in the 2nd quarter related to a modification to Unit 1 generator protective relaying that resulted in an inoperable offsite power supply to Unit 1. Plant performance for Unit 2 for the most recent quarter, as well as for the first three quarters of the assessment period, 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). All PIs for Units 1 and 2 indicated performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to ROP baseline inspections we will conduct reactor operator licensing examinations and TI-182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks. 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

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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: Distribution via Listserv

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ADAMS: Yes ACCESSION NUMBER: ML13246A168 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	CWR /RA/	JHB /RA/					
NAME	CRapp	JBartley					
DATE	08/21/2013	08/29/2013					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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Letter to Kelvin Henderson from Jonathan H. Bartley dated September 3, 2013

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

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ROP Reports

Catawba

Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	09/16/2013 09/20/2013	OL EXAM - INITIAL EXAM WEEK 1 V23405	CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	2
2	09/23/2013 09/27/2013	ISI - UNIT 2 INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
2	09/23/2013 09/27/2013	SGISI - UNIT 2 SG INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1, 2	09/23/2013 09/27/2013	RP - RAD HAZARD ANALYSIS AND TRANSPORTATION IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
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 - INITIAL EXAM WEEK 2 V23405	CATAWBA/SEPTEMBER 2013 EXAM AT POWER FACILITIES	2
1, 2	11/12/2013 11/14/2013	TI-182 IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
1, 2	03/17/2014 03/21/2014	EP - EP EXERCISE IP 7111401	Exercise Evaluation	1
1, 2	03/17/2014 03/21/2014	IP 71151	Performance Indicator Verification	
1, 2	03/24/2014 03/28/2014	MODS - PLANT MODIFICATION INSPECTION IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	3
1, 2	04/07/2014 04/11/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	04/14/2014 04/18/2014	OL EXAM - INITIAL LICENSE EXAM PREP V23422	CATAWBA/MAY 2014 INITIAL EXAM AT POWER FACILITIES	3
1	05/12/2014 05/16/2014	ISI - UNIT 1 IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1	05/12/2014 05/16/2014	OL EXAM - INITIAL LICENSE EXAM WEEK 1 V23422	CATAWBA/MAY 2014 INITIAL EXAM AT POWER FACILITIES	3
1, 2	05/19/2014 05/23/2014	RP - RP OCCUPATIONAL BASELINE IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
1, 2	05/19/2014 05/23/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	05/19/2014 05/23/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	05/19/2014 05/23/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	05/19/2014 05/23/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	05/19/2014 05/23/2014	IP 71151	Performance Indicator Verification	

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

Catawba

Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	05/19/2014 05/23/2014	SGISI IP 7111108P	- UNIT 1 SG IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1
1	05/19/2014 05/23/2014	OL EXAM V23422	- INITIAL LICENSE EXAM WEEK 2 CATAWBA/MAY 2014 INITIAL EXAM AT POWER FACILITIES	3
1, 2	06/02/2014 06/06/2014	RP IP 71124.01	- RP OCCUPATIONAL BASELINE WEEK2 Radiological Hazard Assessment and Exposure Controls	3
1, 2	06/02/2014 06/06/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	06/02/2014 06/06/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	06/02/2014 06/06/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	06/02/2014 06/06/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	06/02/2014 06/06/2014	IP 71151	Performance Indicator Verification	
1, 2	07/14/2014 07/18/2014	OL-RQ IP 7111111B	- REQUAL INSP Licensed Operator Requalification Program	2
1, 2	10/06/2014 10/10/2014	PI&R IP 71152B	- PROBLEM IDENTIFICATION AND RESOLUTION Problem Identification and Resolution	4
1, 2	10/20/2014 10/24/2014	IP 71152B	Problem Identification and Resolution	

Comments:

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