



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

September 2, 2014

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

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR CATAWBA NUCLEAR STATION
UNITS 1 AND 2 (NRC INSPECTION REPORT 05000413/2014006 AND
05000414/2014006)**

Dear Mr. Henderson:

On August 14, 2014, the NRC completed its mid-cycle performance review of the Catawba Nuclear Station, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2013, through June 30, 2014. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Catawba Nuclear Station, Units 1 and 2 were operated in a manner that preserved public health and safety and met all cornerstone objectives. The performance at Catawba 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 (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.

The enclosed inspection plan lists the inspections scheduled through December 31, 2015. 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 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 response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," which requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool

Instrumentation,” which requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. This audit includes an onsite component in order for the NRC to evaluate licensee plans for complying with the Orders, as described in site-specific submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is currently scheduled for September 29, 2014.

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>.

Please contact me at 404-997-4551 with any questions you have regarding this letter.

Sincerely,

/RA/

Gerald J. McCoy, 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
(09/01/2014 – 12/31/2015)
cc distribution via ListServ

Instrumentation,” which requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. This audit includes an onsite component in order for the NRC to evaluate licensee plans for complying with the Orders, as described in site-specific submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is currently scheduled for September 29, 2014.

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>.

Please contact me at 404-997-4551 with any questions you have regarding this letter.

Sincerely,

/RA/

Gerald J. McCoy, 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
 (09/01/2014 – 12/31/2015)
 cc distribution via ListServ

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
 ADAMS: Yes ACCESSION NUMBER: _____ SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	CWR /RA/	Via email	GJM /RA/				
NAME	CRapp	AHutto	GMcCoy				
DATE	08/26/2014	08/26/2014	09/02/2014				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

K. Henderson

3

Letter to Kelvin Henderson from Gerald J. McCoy dated September 2, 2014

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR CATAWBA NUCLEAR STATION
UNITS 1 AND 2 (NRC INSPECTION REPORT 05000413/2014006 AND
05000414/2014006)

DISTRIBUTION:

D. Gamberoni, RII

L. Douglas, RII

OE Mail

RIDSNNRRDIRS

PUBLIC

A. Adams, NRR

RidsNrrPMCatawba Resource

ROP Assessment

ROP Reports

Institute of Nuclear Power Operations (INPO)

Catawba

Inspection / Activity Plan

09/01/2014 - 12/31/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	4
1, 2	10/06/2014	10/10/2014	IP 71152B	Problem Identification and Resolution	
1, 2	10/20/2014	10/24/2014	IP 71152B	Problem Identification and Resolution	
			RP	- RP PUBLIC RADIATION SAFETY	2
1, 2	01/26/2015	01/30/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	01/26/2015	01/30/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	01/26/2015	01/30/2015	IP 71151	Performance Indicator Verification	
			ISI	- UNIT 2 IN-SERVICE INSPECTION	1
2	03/09/2015	03/13/2015	IP 711108P	Inservice Inspection Activities - PWR	
			RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	2
1, 2	03/16/2015	03/20/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/16/2015	03/20/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	03/16/2015	03/20/2015	IP 71151	Performance Indicator Verification	
			SGISI	- UNIT 2 SG IN-SERVICE INSPECTION	1
2	03/16/2015	03/20/2015	IP 711108P	Inservice Inspection Activities - PWR	
			EP	- EP PROGRAM INSPECTION	2
1, 2	03/23/2015	03/27/2015	IP 7111402	Alert and Notification System Testing	
1, 2	03/23/2015	03/27/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	03/23/2015	03/27/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	03/23/2015	03/27/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	03/23/2015	03/27/2015	IP 71151	Performance Indicator Verification	
			TFPI	- TRIENNIAL FIRE PROTECTION INSPECTION	4
1, 2	06/01/2015	06/05/2015	IP 711105x	Fire Protection - NFPA 805 (Triennial)	
1, 2	06/15/2015	06/19/2015	IP 711105x	Fire Protection - NFPA 805 (Triennial)	
			CDBI	- COMPONENT DESIGN BASES INSPECTION	9
1, 2	07/20/2015	07/24/2015	IP 7111121	Component Design Bases Inspection	
1, 2	08/10/2015	08/14/2015	IP 7111121	Component Design Bases Inspection	
1, 2	08/24/2015	08/28/2015	IP 7111121	Component Design Bases Inspection	
1, 2	09/14/2015	09/18/2015	IP 7111121	Component Design Bases Inspection	
			ISI	- UNIT 1 IN-SERVICE INSPECTION	1
1	11/30/2015	12/04/2015	IP 711108P	Inservice Inspection Activities - PWR	

This report does not include INPO and OUTAGE activities.

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

Enclosure