

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

K. Henderson

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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 K. Henderson

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☐ SENSITIVE

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PUBLICLY AVAILABLE

NON-PUBLICLY AVAILABLE

⊠ NON-SENSITIVE SUNSI REVIEW COMPLETE DFORM 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

S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-OFFICIAL RECORD COPY DOCUMENT NAME: CYCLE/2014/MID-CYCLE/ADMIN WORKING FOLDER/LETTERS/CATAWBA MID CYCLE 2014.DOCX

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

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Catawba

Inspection / Activity Plan 09/01/2014 - 12/31/2015 1

Planne	l Dates			No. of Staff
	End	Inspection A	ctivity Title	on Site
		PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	4
~	0/10/2014	IP 71152B	Problem Identification and Resolution	
~	0/24/2014	IP 71152B	Problem Identification and Resolution	
		RP	- RP PUBLIC RADIAITON SAFETY	2
0	1/30/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
	01/30/2015	IP 71124.07	Radiological Environmental Monitoring Program	
	01/30/2015	IP 71151	Performance Indicator Verification	
		ISI	- UNIT 2 IN-SERVICE INSPECTION	-
	03/13/2015	IP 711108P	Inservice Inspection Activities - PWR	
		RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	2
	03/20/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
	03/20/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
	03/20/2015	IP 71151	Performance Indicator Verification	
		SGISI	- UNIT 2 SG IN-SERVICE INSPECTION	-
	03/20/2015	IP 7111108P	Inservice Inspection Activities - PWR	
		EP	- EP PROGRAM INSPECTION	7
	03/27/2015	IP 7111402	Alert and Notification System Testing	
	03/27/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
	03/27/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
	03/27/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
	03/27/2015	IP 71151	Performance Indicator Verification	
		TFPI	- TRIENNIAL FIRE PROTECTION INSPECTION	4
	06/05/2015	IP 7111105x	Fire Protection - NFPA 805 (Triennial)	
	06/19/2015	IP 7111105x	Fire Protection - NFPA 805 (Triennial)	
		CDBI	- COMPONENT DESIGN BASES INSPECTION	6
	07/24/2015	IP 7111121	Component Design Bases Inspection	
	08/14/2015	IP 7111121	Component Design Bases Inspection	
	08/28/2015	IP 7111121	Component Design Bases Inspection	
	09/18/2015	IP 7111121	Component Design Bases Inspection	

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

Inservice Inspection Activities - PWR

IP 7111108P

12/04/2015

11/30/2015

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- UNIT 1 IN-SERVICE INSPECTION

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