



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

March 4, 2011

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR CATAWBA NUCLEAR STATION UNITS 1
AND 2 (REPORT 05000413/2011001 AND 05000414/2011001)

Dear Mr. Morris:

On February 9, 2011, the NRC completed its end-of-cycle performance review of Catawba Nuclear Station (CNS) Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2010, through December 31, 2010. 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 performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, CNS Units 1 and 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at CNS 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 June 30, 2012. Routine inspections performed by resident inspectors are not included in the inspection plan. We also plan on conducting Inspection Procedure 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," and initial reactor operator license examinations. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-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.

DEC

2

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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 Bartley, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos.: 50-413, 50-414
License Nos.: NPF-35, NPF-52

cc w/encl: (See page 3)

Enclosure: Catawba Inspection/Activity Plan (03/01/2011 – 6/30/2012)

DEC

2

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Enclosure: Catawba Inspection/Activity Plan (03/01/2011 – 6/30/2012)

X PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE X NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: _____ SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP									
SIGNATURE	CWR /RA/	JHB /RA/									
NAME	CRapp	JBartley									
DATE	03/03/2011	03/03/2011									
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2010\END OF CYCLE\INPUTS\RPB1\CATAWBA EOC LETTER.DOCX

cc w/encl:

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DEC

3

Letter to J. R. Morris from Jonathan H. Bartley dated March 4, 2011

SUBJECT: ANNUAL ASSESSMENT LETTER FOR CATAWBA NUCLEAR STATION UNITS 1
AND 2 (REPORT 05000413/2011001 AND 05000414/2011001)

Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMCatawba Resource

Catawba

Inspection / Activity Plan

03/01/2011 - 06/30/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2	03/21/2011	03/25/2011	PSB1EP - EMERGENCY PREPAREDNESS INSPECTION	Alert and Notification System Testing	2
1, 2	03/21/2011	03/25/2011		Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	03/21/2011	03/25/2011		Emergency Action Level and Emergency Plan Changes	
1, 2	03/21/2011	03/25/2011		Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	03/21/2011	03/25/2011		Performance Indicator Verification	
1	05/02/2011	05/06/2011	EB3 ISI - UNIT 1 INSERVICE INSPECTION	Inservice Inspection Activities - PWR	1
1	05/02/2011	05/06/2011	EB3SGISI - UNIT 1 SG INSERVICE INSPECTION	Inservice Inspection Activities - PWR	1
1, 2	05/16/2011	05/20/2011	PSB1-RP - RP RAD HAZARD ASSESSMENT	Radiological Hazard Assessment and Exposure Controls	1
1, 2	08/08/2011	08/12/2011	PSB1-RP - RP PUBLIC RADIATION PROTECTION INSP	Occupational Dose Assessment	4
1, 2	08/08/2011	08/12/2011		Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	08/08/2011	08/12/2011		Radiological Environmental Monitoring Program	
1, 2	08/08/2011	08/12/2011		Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	08/08/2011	08/12/2011		Performance Indicator Verification	
1, 2	10/24/2011	10/28/2011	MODS - MODS/50.59 INSPECTION	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	6
1, 2	11/07/2011	11/11/2011		Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2	03/12/2012	03/16/2012	PSB1-RP - OCCUPATIONAL RADIATION PROTECTION WK1	Radiological Hazard Assessment and Exposure Controls	3
1, 2	03/12/2012	03/16/2012		Occupational ALARA Planning and Controls	
1, 2	03/12/2012	03/16/2012		In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/12/2012	03/16/2012		Radiation Monitoring Instrumentation	
1, 2	03/12/2012	03/16/2012		Performance Indicator Verification	
2	03/19/2012	03/23/2012	EB3 ISI - UNIT 2 INSERVICE INSPECTION	Inservice Inspection Activities - PWR	1
2	03/19/2012	03/23/2012	EB3SGISI - UNIT 2 SG INSERVICE INSPECTION	Inservice Inspection Activities - PWR	1
1, 2	03/26/2012	03/30/2012	PSB1-RP - OCCUPATIONAL RADIATION PROTECTION WK2	Radiological Hazard Assessment and Exposure Controls	3
1, 2	03/26/2012	03/30/2012		Occupational ALARA Planning and Controls	
1, 2	03/26/2012	03/30/2012		In-Plant Airborne Radioactivity Control and Mitigation	

This report does not include INPO and OUTAGE activities.

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

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2	03/26/2012	03/30/2012	PSB1-RP IP 71124.05	- OCCUPATIONAL RADIATION PROTECTION WK2	3
1, 2	03/26/2012	03/30/2012	IP 71151	Radiation Monitoring Instrumentation Performance Indicator Verification	
1, 2	04/23/2012	04/27/2012	PSB1EP IP 7111401	- EMERGENCY PREPAREDNESS EXERCISE	3
1, 2	04/23/2012	04/27/2012	IP 7111404	Exercise Evaluation Emergency Action Level and Emergency Plan Changes	
1, 2	04/23/2012	04/27/2012	IP 7111406	Drill Evaluation	

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