



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 3, 2008

Duke Power Company LLC
d/b/a Duke Energy Carolinas, LLC
ATTN: Mr. J. R. Morris
Site Vice President
Catawba Nuclear Station
4800 Concord Road
York, SC 29745-9635

SUBJECT: ANNUAL ASSESSMENT LETTER – CATAWBA NUCLEAR STATION
(NRC INSPECTION REPORT 05000413/2008001 AND 05000414/2008001)

Dear Mr. Morris:

On February 5, 2008, the NRC staff completed its performance review of the Catawba Nuclear Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2007. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only – Security-Related Information" will include the security cornerstone review and resultant inspection plan

Overall, Catawba Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections, which include: containment sump blockage; implementation of B.5.b mitigating strategies; reactor coolant system dissimilar metal butt welds; hydrogen igniter backup power verification (not yet scheduled); and operator licensing examinations.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

ML080630007

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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4647 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Kathy D. Weaver, Acting Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos.: 50-413, 50-414, 72-45

License Nos.: NPF-35, NPF-52

Enclosure: Catawba Inspection/Activity Plan

cc w/ encl: (See page 3)

cc w/encls:

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Catawba
Inspection / Activity Plan
03/01/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-MODS - MODIFICATIONS-10CFR50.59		4			
1,2	IP 7111117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications		04/14/2008	04/25/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/21/2008	04/23/2008	Baseline Inspections
	EB3-ISI - U1 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		05/12/2008	05/16/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION OCCUPATIONAL WK1		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/12/2008	05/16/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		05/12/2008	05/16/2008	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		05/12/2008	05/16/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/12/2008	05/16/2008	Baseline Inspections
1,2	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/12/2008	05/16/2008	Baseline Inspections
	EB3SGISI - U1 SG ISI		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		05/19/2008	05/23/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION OCCUPATIONAL WK2		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		06/02/2008	06/06/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		06/02/2008	06/06/2008	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		06/02/2008	06/06/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		06/02/2008	06/06/2008	Baseline Inspections
1,2	IP 71151-PR01	RETS/ODCM Radiological Effluent		06/02/2008	06/06/2008	Baseline Inspections
	EB3TI172 - TI-172		1			
1,2	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		06/09/2008	06/13/2008	Generic Safety Inspectio
	EB1-SUMP - TI 2515/166 CONTAINMENT SUMP INSPECTION		1			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		06/16/2008	06/20/2008	Safety Issues
	PSB1-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		07/28/2008	08/01/2008	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/28/2008	08/01/2008	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		07/28/2008	08/01/2008	Baseline Inspections
	OL RQ - REQUAL INSPECTION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		08/25/2008	08/29/2008	Baseline Inspections
	PI&R - PREP TRIP-PROBLEM ID AND RESOL		1			
1,2	IP 71152B	Identification and Resolution of Problems		10/20/2008	10/24/2008	Baseline Inspections

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

Catawba
Inspection / Activity Plan
03/01/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	OL EXAM - INITIAL EXAM PREP		4			
1	V23290	CATAWBA/DECEMBER 2008 EXAM AT POWER FACILITIES		11/11/2008	11/14/2008	Not Applicable
	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		5			
1,2	IP 71152B	Identification and Resolution of Problems		12/01/2008	12/05/2008	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		12/15/2008	12/19/2008	Baseline Inspections
	OL EXAM - INITIAL EXAM - WEEK 1		4			
1	V23290	CATAWBA/DECEMBER 2008 EXAM AT POWER FACILITIES		12/01/2008	12/05/2008	Not Applicable
	TI-171 - B.5.B PHASE 2&3		3			
1,2	IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		12/01/2008	12/05/2008	Generic Safety Inspectio
	OL EXAM - INITIAL EXAM - WEEK 2		3			
1	V23290	CATAWBA/DECEMBER 2008 EXAM AT POWER FACILITIES		12/08/2008	12/12/2008	Not Applicable
	PSB1EP - EP INSPECTION		1			
1,2	IP 7111402	Alert and Notification System Testing		03/03/2009	03/07/2009	EP Baseline Inspection
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		03/03/2009	03/07/2009	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/03/2009	03/07/2009	EP Baseline Inspection
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		03/03/2009	03/07/2009	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		03/03/2009	03/07/2009	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		03/03/2009	03/07/2009	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		03/03/2009	03/07/2009	Baseline Inspections
	EB3ISI - UNIT 2 ISI		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/23/2009	03/27/2009	Baseline Inspections