



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 1, 2007

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

SUBJECT: ANNUAL ASSESSMENT LETTER - CATAWBA NUCLEAR STATION
(NRC INSPECTION REPORT 05000413/2007001 AND 05000414/2007001)

Dear Mr. Morris:

On February 8, 2007, the NRC technical staff completed its performance review of the Catawba Nuclear Station for the period from January 1 through December 31, 2006. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 the enclosed inspection plan do not include physical protection information. A separate letter, designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390," will include the physical protection review and a 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 the first three quarters of the assessment cycle, was in 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 non-ROP inspections of the independent spent fuel storage facility, containment emergency recirculation sump modifications, and reactor vessel head and head penetrations. Additionally, initial reactor operator licensing examinations are scheduled.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2008. The inspection plan is provided to minimize the resource impact on your staff and 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 twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

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).

If circumstances arise which cause us to change the 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/

James H. Moorman, III, Chief
Reactor Projects Branch 1
Division of Reactor Projects

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

Enclosure: Catawba Inspection/Activity Plan

cc w/encl: (See page 3)

DEC

3

cc w/encl:

Randy D. Hart
Regulatory Compliance Manager
Duke Power Company LLC
d/b/a/Duke Energy Carolinas, LLC
Electronic Mail Distribution

Lisa F. Vaughn
Associate General Counsel
and Managing Attorney
Duke Energy Corporation
526 South Church Street-EC 07H
Charlotte, NC 28202

Kathryn B. Nolan
Senior Counsel
Duke Energy Corporation
526 South Church Street-EC 07H
Charlotte, NC 28202

David A. Repka
Winston & Strawn LLP
Electronic Mail Distribution

North Carolina MPA-1
Electronic Mail Distribution

Henry J. Porter, Asst. Director
Div. of Radioactive Waste Mgmt.
S. C. Department of Health
and Environmental Control
Electronic Mail Distribution

R. Mike Gandy
Division of Radioactive Waste Mgmt.
S. C. Department of Health and
Environmental Control
Electronic Mail Distribution

Elizabeth McMahan
Assistant Attorney General
S. C. Attorney General's Office
Electronic Mail Distribution

Vanessa Quinn
Federal Emergency Management Agency
Electronic Mail Distribution

North Carolina Electric
Membership Corporation
Electronic Mail Distribution

Peggy Force
Assistant Attorney General
N. C. Department of Justice
Electronic Mail Distribution

County Manager of York County, SC
Electronic Mail Distribution

Piedmont Municipal Power Agency
Electronic Mail Distribution

R. L. Gill, Jr., Manager
Nuclear Regulatory Issues
and Industry Affairs
Duke Power Company LLC
d/b/a Duke Energy Carolinas, LLC
526 S. Church Street
Charlotte, NC 28201-0006

Catawba
Inspection / Activity Plan
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
EB1-CDBI - COMPONENT DESIGN BASES INSPECTION			8			
1,2	IP 7111121	Component Design Bases Inspection		03/05/2007	03/09/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		03/19/2007	03/23/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		04/16/2007	04/20/2007	Baseline Inspections
60854 - ISFSI DRY RUN OF NAC SYSTEM			9			
1,2	IP 60854	Preoperational Testing Of An ISFSI		03/26/2007	04/06/2007	Other Routine
1,2	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating F		03/26/2007	04/06/2007	Other Routine
1,2	IP 60855	Operation Of An ISFSI		03/26/2007	04/06/2007	Other Routine
PSB1-EP - EP INSP			1			
1,2	IP 7111402	Alert and Notification System Testing		05/14/2007	05/18/2007	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		05/14/2007	05/18/2007	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/14/2007	05/18/2007	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/14/2007	05/18/2007	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		05/14/2007	05/18/2007	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		05/14/2007	05/18/2007	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		05/14/2007	05/18/2007	Baseline Inspections
PSB1-RP - RP PUBLIC PRE-INSP VISIT			1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		06/25/2007	06/27/2007	Baseline Inspections
EB2-TFP - TRIENNIAL FIRE PROTECTION			4			
1,2	IP 7111105T	Fire Protection [Triennial]		06/26/2007	06/28/2007	Baseline Inspections
1,2	IP 7111105T	Fire Protection [Triennial]		07/16/2007	07/20/2007	Baseline Inspections
1,2	IP 7111105T	Fire Protection [Triennial]		07/30/2007	08/03/2007	Baseline Inspections
PSB1-RP - RP PUBLIC BASELINE INSPECTION			4			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/06/2007	08/10/2007	Baseline Inspections
EB3-HS - HEAT SINK			1			
1,2	IP 7111107B	Heat Sink Performance		08/27/2007	08/31/2007	Baseline Inspections
EB3-ISI - UNIT 2 INSERVICE INSPECTION			1			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/01/2007	10/05/2007	Baseline Inspections
EB1TI166 - PWR CONTAINMENT SUMP BLOCKAGE TI (U-2)			1			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02		10/07/2007	10/12/2007	Safety Issues

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

ML070600439

Catawba
Inspection / Activity Plan
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB3SGISI - UNIT 2 STEAM GENERATOR ISI		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/08/2007	10/12/2007	Baseline Inspections
	EB3TI150 - RPV HEAD AND HEAD PENETRATIONS		1			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		10/08/2007	10/12/2007	Safety Issues
	OL PREP - INITIAL EXAM PREPARATION		3			
1	V23275	CATAWBA/DECEMBER 2007 EXAM AT POWER FACILITIES		11/05/2007	11/09/2007	Not Applicable
	OL EXAM - INITIAL EXAM		3			
1	V23275	CATAWBA/DECEMBER 2007 EXAM AT POWER FACILITIES		12/03/2007	12/13/2007	Not Applicable
	PB1-PI&R - BIENNIAL PI&R INSPECTION		4			
1,2	IP 71152B	Identification and Resolution of Problems		02/11/2008	02/15/2008	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		02/11/2008	02/29/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/14/2008	04/16/2008	Baseline Inspections
	EB1-MODS - MODIFICATIONS-10CFR50.59		4			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/21/2008	04/25/2008	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		04/21/2008	04/25/2008	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		3			
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
	PSB1-RP - RADIATION PROTECTION OCCUPATIONAL WK 2		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/26/2008	05/30/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		05/26/2008	05/30/2008	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		05/26/2008	05/30/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/26/2008	05/30/2008	Baseline Inspections
1,2	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/26/2008	05/30/2008	Baseline Inspections
	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		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/16/2008	06/20/2008	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
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
PSB1-EP - EP EXERCISE			3			
1,2	IP 71151-EP01	Drill/Exercise Performance		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		06/16/2008	06/20/2008	Baseline Inspections
OL RQ - REQUAL INSPECTION			2			
1,2	IP 7111111B	Licensed Operator Requalification Program		06/23/2008	06/27/2008	Baseline Inspections