



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

March 4, 2003

Duke Energy Corporation  
ATTN: Mr. G. R. Peterson  
Site Vice President  
Catawba Nuclear Station  
4800 Concord Road  
York, SC 29745

**SUBJECT: ANNUAL ASSESSMENT LETTER - CATAWBA NUCLEAR STATION  
(NRC INSPECTION REPORT 50-413/03-01 AND 50-414/03-01)**

Dear Mr. Peterson

On February 5, 2003, the NRC staff completed its end-of-cycle plant performance assessment of the Catawba Nuclear Station. The end-of-cycle review for Catawba involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2002. 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 so you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Overall, Catawba 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 only baseline inspections at your facility through March 31, 2004, as well as safety issue inspections in accordance with Temporary Instruction 2515/150, "Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)," and operator licensing examinations.

The enclosed inspection plan details the inspections scheduled through March 31, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last six months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2003, we plan to continue these inspections, conduct portions of the security

baseline inspection program, as well as perform additional inspections to evaluate your compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

In accordance with 10 CFR 2.790 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 our inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4550 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Robert C. Haag, 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

DEC

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cc w/encl:

Regulatory Compliance Manager  
Duke Energy Corporation  
Electronic Mail Distribution

Lisa Vaughn  
Legal Department (PB05E)  
Duke Energy Corporation  
422 South Church Street  
Charlotte, NC 28242

Anne Cottingham  
Winston and Strawn  
Electronic Mail Distribution

North Carolina MPA-1  
Electronic Mail Distribution

Henry J. Porter, Assistant 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

Richard P. Wilson, Esq.  
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

Manager  
Nuclear Regulatory Licensing  
Duke Energy Corporation  
526 S. Church Street  
Charlotte, NC 28201-0006

Institute of Nuclear Power Operations  
700 Galleria Parkway SE  
Atlanta, GA 30339-5943

**Catawba**  
**Inspection / Activity Plan**  
**03/01/2003 - 03/31/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>EB2-ISI - INSERVICE INSPECTION-U2</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/10/2003	03/14/2003	Baseline Inspections
	<b>S/G-ISI - S/G INSERVICE INSPECTION-U2</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/13/2003	03/14/2003	Baseline Inspections
	<b>2515/150 - 2515/150 REV1 UNIT 2</b>		<b>1</b>			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		03/17/2003	03/21/2003	Safety Issues
	<b>OL EP - EP INSPECTION</b>		<b>1</b>			
1,2	IP 7111402	Alert and Notification System Testing		03/24/2003	03/28/2003	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		03/24/2003	03/28/2003	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/24/2003	03/28/2003	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		03/24/2003	03/28/2003	Baseline Inspections
1,2	IP 711151	Performance Indicator Verification		03/24/2003	03/28/2003	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23136	CATAWBA 1/INITIAL EXAMS AT POWER FACILITIES		03/31/2003	04/11/2003	Not Applicable
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23204	CATAWBA/EXAMS AT POWER FACILITIES		04/14/2003	04/18/2003	Not Applicable
	<b>EB2-HS - HEAT SINK</b>		<b>2</b>			
1,2	IP 7111107B	Heat Sink Performance		04/28/2003	05/02/2003	Baseline Inspections
	<b>EB2-MR - MAINTENANCE RULE</b>		<b>1</b>			
1,2	IP 7111112B	Maintenance Effectiveness		07/21/2003	07/25/2003	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>2</b>			
1,2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		08/11/2003	08/15/2003	Baseline Inspections
	<b>2515/150 - 2515/150 REV1 UNIT 1</b>		<b>1</b>			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		11/17/2003	11/21/2003	Safety Issues
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1,2	IP 7112203	Radiological Environmental Monitoring Program		11/17/2003	11/20/2003	Baseline Inspections
	<b>EB2-ISI - INSERVICE INSPECTION-U1</b>		<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		11/17/2003	11/21/2003	Baseline Inspections
	<b>EB2-MODS - MODIFICATIONS/10CFR50.59</b>		<b>3</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/08/2004	03/12/2004	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		03/08/2004	03/12/2004	Baseline Inspections