



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

January 31, 2003

EA-03-020

Duke Energy Corporation  
ATTN: Mr. G. R. Peterson  
Site Vice President  
Catawba Site  
4800 Concord Road  
York, SC 29745-9635

**Safeguards Information Removed**

SUBJECT: CATAWBA NUCLEAR STATION - NRC SPECIAL INSPECTION REPORT  
50-413/02-09 AND 50-414/02-09

Dear Mr. Peterson:

On December 19, 2002, the U. S. Nuclear Regulatory Commission (NRC) completed an inspection at your Catawba Nuclear Station Units 1 and 2. The enclosed special inspection report documents the inspection findings, which were discussed on December 19, 2002, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with an Order issued on February 25, 2002, which required your site to implement specific measures related to security of your facility. The inspection used Temporary Instruction 2515/148, Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures, to verify implementation of the Order as clarified in your responses dated March 18, May 1 and August 27, 2002. Within these areas, the inspection consisted of selected examination of procedures and records, observation of activities, and interviews with personnel.

Based on the results of this inspection, one finding of very low safety significance (green) was identified which was also determined to be a violation of NRC requirements. However, because of its very low safety significance and because it has been entered into your corrective action program, the NRC is treating this finding as a non-cited violation, in accordance with Section VI.A.1 of the NRC's Enforcement Policy. If you deny this non-cited violation, you should provide a response with the basis for your denial, within 30 days of the date of this inspection report, to the U. S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555-0001, with copies to the Regional Administrator, Region II; the Director, Office of Enforcement, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555-0001; and the NRC Resident Inspector at the Catawba facility.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, without the enclosed Safeguards Information, 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> (the Public Electronic Reading Room).

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Should you have any questions concerning this letter, please contact us.

Sincerely,

***/RA/***

Anne T. Boland, Chief  
Plant Support Branch  
Division of Reactor Safety

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

Enclosure: NRC Inspection Report

cc w/encl: See Page 3

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U.S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos.: 50-413, 50-414

Licenses Nos: NPF-35, NPF-52

Report No.: 50-413, 414/2002-09

Licensee: Duke Energy Corporation

Facility: Catawba Nuclear Station

Location: 4830 Concord Road  
York, SC 29745

Dates: December 16 -19, 2002

Inspectors: Jon H. Wallo, Senior Physical Security Inspector  
Jerry D. Ennis, Physical Security Inspector  
Eugene M. DiPaolo, Acting Senior Resident  
James L. Kreh, Emergency Preparedness Inspector

Approved by: Anne T. Boland, Chief  
Plant Support Branch  
Division of Reactor Safety

Enclosure

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### **SUMMARY OF FINDINGS**

IR 05000413-02-09; IR 05000414-02-09: Duke Energy Corporation; 12/16-19/2002; Catawba Nuclear Station, Units 1 and 2, TI 2515/148, Verification of Compliance with Interim Compensatory Measures Order.

The report covered an announced inspection by two regional physical security inspectors, an emergency preparedness inspector, and the senior resident inspector. One non-cited violation (Green) was identified. The significance of most findings is indicated by their color (Green, White, Yellow, Red) using Inspection Manual Chapter (IMC) 0609, "Significance Determination Process" (SDP). Findings for which the SDP does not apply may be Green or be assigned a severity level after NRC management review. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

A. Inspector Identified and Self-Revealing Findings

**Cornerstone: Physical Security**

- Green. Failure to comply with Interim Compensatory Measure B.4.f

A non-cited violation of Provision III.A of the February 25, 2002, Order for Interim Safeguards and Security Compensatory Measures for Catawba was identified. The finding was more than minor because it was associated with the "Response to Contingency Events" attribute and affected the objective of the Physical Protection Cornerstone to provide adequate assurance that the physical protection system can protect against the design basis threat of radiological sabotage. It was determined to be of very low safety significance in that it involved a failure to meet regulatory requirements and represented a vulnerability in safeguards systems or plan; however, there have not been greater than two similar findings in the previous four quarters. (Section V.F)

B. Licensee-Identified Violations

None

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- 1. Supplemental Information
- 2. Partial Listing of Documents Reviewed

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