



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

April 11, 1988

Docket Nos. 50-413/414

Mr. H. B. Tucker, Vice President  
Nuclear Production Department  
Duke Power Company  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: ISSUANCE OF AMENDMENT NO. 43 TO FACILITY OPERATING LICENSE NPF-35  
AND AMENDMENT NO. 36 TO FACILITY OPERATING LICENSE NPF-52 - CATAWBA  
NUCLEAR STATION, UNITS 1 AND 2 (TACS 65365/65366)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 43 to Facility Operating License NPF-35 and Amendment No. 36 to Facility Operating License NPF-52 for the Catawba Nuclear Station, Units 1 and 2. These amendments consist of changes to the licenses in response to submittals dated December 2, 1986, and October 6, 1987.

These amendments modify paragraphs 2.E. of the licenses to require compliance with the amended Physical Security Plan. This Plan was amended to conform to the requirements of 10 CFR 73.55. Consistent with the provisions of 10 CFR 73.55, search requirements must be implemented within 60 days and miscellaneous amendments within 180 days from the effective date of these amendments.

Our evaluation of the amendments to your Physical Security Plan for Catawba Units 1 and 2 is contained in the enclosed Safeguards Evaluation Report. Based on this evaluation, we find you meet the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR 73.55 and recordkeeping requirements of 10 CFR 73.70.

We find that these amendments to your licenses are related solely to safeguards matters. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(12). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

Based on the fact that these license amendments apply to the Physical Security Plan and incorporate into the licenses the latest requirements of your updated Physical Security Plan, we have concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that this action will be conducted in compliance with the Commission's regulations, and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Your Physical Security Plan consists of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

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Mr. H. B. Tucker

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Notice of issuance of amendments will be included in the Commission's next Bi-Weekly Federal Register Notice.

Sincerely,

Original signed by:

Kahtan Jabbour, Project Manager  
Project Directorate II-3  
Division of Reactor Projects I/II

Enclosures:

- 1. Amendment No. 43 to NPF-35
- 2. Amendment No. 36 to NPF-52
- 3. Safeguards Evaluation Report

cc w/enclosures:  
See next page

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Mr. H. B. Tucker  
Duke Power Company

Catawba Nuclear Station

cc:

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

DUKE POWER COMPANY  
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION  
SALUDA RIVER ELECTRIC COOPERATIVE, INC.  
DOCKET NO. 50-413  
CATAWBA NUCLEAR STATION, UNIT 1  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 43  
License No. NPF-35

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The submittals by the Duke Power Company acting for itself, North Carolina Electric Membership Corporation and Saluda River Electric Cooperative, Inc., (licensees) dated December 2, 1986, and October 6, 1987, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, Paragraph 2.E. of Facility Operating License No. NPF-35 is hereby amended to read as follows:

Duke Power Company shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and CFR 10 CFR 50.54(p). The plans, which contain safeguards information protected under 10 CFR 73.21, are entitled: "Catawba Nuclear Station Physical Security Plan," with revisions submitted through October 6, 1987; "Catawba Nuclear Station Training and Qualification Plan," with revisions submitted through August 27, 1986; and Catawba Nuclear Station Safeguards Contingency Plan," with revisions submitted through January 8, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

Lawrence Crocker , Acting Director  
Project Directorate II-3  
Division of Reactor Projects-I/II

Date of Issuance: April 11, 1988

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3/17/88

MP  
PDII-3/DRP/I/II  
Acting Director  
4/11/88



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

DUKE POWER COMPANY  
NORTH CAROLINA MUNICIPAL POWER AGENCY NO. 1  
PIEDMONT MUNICIPAL POWER AGENCY  
DOCKET NO. 50-414  
CATAWBA NUCLEAR STATION, UNIT 2  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 36  
License No. NPF-52

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The submittals by the Duke Power Company acting for itself, North Carolina Municipal Power Agency No. 1 and Piedmont Municipal Power Agency, (licensees) dated December 2, 1986, and October 6, 1987, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Paragraph 2.E. of Facility Operating License No. NPF-52 is hereby amended to read as follows:

Duke Power Company shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and CFR 10 CFR 50.54(p). The plans, which contain safeguards information protected under 10 CFR 73.21, are entitled: "Catawba Nuclear Station Physical Security Plan," with revisions submitted through October 6, 1987; "Catawba Nuclear Station Training and Qualification Plan," with revisions submitted through August 27, 1986; and Catawba Nuclear Station Safeguards Contingency Plan," with revisions submitted through January 8, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

Lawrence Crocker , Acting Director  
Project Directorate II-3  
Division of Reactor Projects-I/II

Date of Issuance: April 11, 1988

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Acting Director  
4/11/88



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFEGUARDS EVALUATION REPORT

MISCELLANEOUS AMENDMENTS AND SEARCH REQUIREMENTS

DUKE POWER COMPANY, ET AL.,

CATAWBA NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-413 AND 50-414

1.0 INTRODUCTION

The Duke Power Company (DUKE) has filed with the Nuclear Regulatory Commission revisions to their Physical Security Plan for the Catawba Nuclear Station, Units 1 and 2.

This Safeguards Evaluation Report (SGER) summarizes how the licensee proposes to meet the Miscellaneous Amendments and Search Requirements revision of 10 CFR Part 73.55.

Based on a review of the Physical Security Plan, the staff has concluded that the proposed changes satisfy Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and accompanying 10 CFR 73.70 record report requirements. Accordingly, the protection provided will ensure that the public health and safety will not be endangered.

2.0 PERSONNEL SEARCH

The licensee has provided commitments in the Physical Security Plan to provide a search of all individuals entering the protected area except bona fide Federal, State and local law enforcement personnel on official duty, through the use of equipment designed for the detection of firearms, explosives, and incendiary devices. In addition, the licensee has provided commitments to conduct a physical pat-down search of an individual whenever the licensee has cause to suspect that the individual is attempting to introduce firearms, explosives, or incendiary devices into the protected areas; or whenever firearms or explosives detection equipment is out of service or not operating satisfactorily.

3.0 VITAL AREA ACCESS

DUKE has modified their Catawba Nuclear Station, Units 1 and 2, Physical Security Plan to limit unescorted access to vital areas during non-emergency conditions to individuals who require access in order to perform their duties. They have established current authorization access lists for each vital area which are updated and approved by the cognizant manager or supervisor at least once every 31 days. DUKE has assured that only individuals whose specific duties require access to vital areas during

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nonemergency conditions are included on their site access list. DUKE has provided further assurance by revoking access and retrieving badges and other entry devices prior to or simultaneously with notification of termination of an individual's unescorted facility access.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that DUKE meets the vital area access requirements of 10 CFR 73.55(d)(7)(i)(A)(B) and (C).

#### 4.0 LOCKS AND KEYS

The licensee has committed to providing methods to reduce the probability of compromise of keys, locks, combinations, and related access control devices used to control access to their protected areas and vital areas. These methods include the rotation of keys, locks, combinations, and related access control devices every 12 months or the changing of these devices whenever there is evidence or suspicion that any key, lock, combination or related access control device may have been compromised or when an individual who has had access to any of these devices has had their access terminated due to a lack of trustworthiness, reliability or inadequate work performance. Only persons granted unescorted facility access are issued such entry devices.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that DUKE meets the requirements of 10 CFR 73.55(d)(9) to reduce the probability of compromise of keys, locks, combinations, and related access control devices.

#### 5.0 EMERGENCY ACCESS

The licensee has provided commitments to provide for the rapid ingress and egress of individuals during emergency conditions or situations that could lead to emergency conditions by assuring prompt access to vital equipment. An annual review of their physical security plans and contingency procedures will be conducted to evaluate their potential impact on plant and personnel safety. Emergency access is granted by a licensed senior operator.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that DUKE meets the requirements of 10 CFR 73.55(d)(7)(ii)(B) to assure access to vital equipment during emergencies or to situations that may lead to an emergency.

#### 6.0 PROTECTION OF SECONDARY POWER SUPPLIES

The licensee has provided commitments to protect the on-site secondary power supply system for alarm annunciator equipment and non-portable communications equipment by including such equipment within a vital area boundary.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that DUKE meets the requirements of 10 CFR 73.55(e) in protecting the secondary power supplies of alarm annunciator equipment and non-portable communications equipment.

#### 7.0 VITAL AREA ENTRY/EXIT LOGGING

The licensee has committed to maintaining a log indicating name, badge number, time of entry, and time of exit of all individuals granted access to a vital area except those individuals entering or exiting the reactor control room.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that DUKE meets the requirements of 10 CFR 73.70(d) by maintaining entry/exit log of individuals accessing vital areas (except the reactor control room).

#### 8.0 CONCLUSION

Based upon the above evaluation, we find that the licensee has met the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR Part 73.55 and the record keeping requirements of 10 CFR Part 73.70.

Dated: April 11, 1988



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

April 11, 1988

Docket Nos.: 50-413/414

MEMORANDUM FOR: Sholly Coordinator

FROM: Kahtan Jabbour, Project Manager  
Project Directorate II-3  
Division of Reactor Projects I/II

SUBJECT: REQUEST FOR PUBLICATION IN BI-WEEKLY FR NOTICE - NOTICE  
OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE  
(TAC 65365/65366)

Duke Power Company, et al., Docket Nos. 50-413 and 50-414, Catawba Nuclear  
Station, Units 1 and 2, York County, South Carolina

Date of application for amendments: December 2, 1986 and October 6, 1987

Brief description of amendments: The amendments modified paragraphs 2.E.  
of the licenses to require compliance with the amended Physical Security  
Plan. The Plan was amended to conform to the requirements of 10 CFR 73.55.  
Consistent with the provisions of 10 CFR 73.55, search requirements must be  
implemented within 60 days and miscellaneous amendments within 180 days  
from the effective date of these amendments.

Date of issuance: April 11, 1988

Effective date: April 11, 1988

Amendment Nos. 43 and <sup>3</sup>46

Facility Operating License Nos. NPF-35 and NPF-52. Amendments revised the  
operating licenses.

Date of initial notice in FEDERAL REGISTER: March 9, 1988 (53 FR 7590)

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Sholly Coordinator

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The Commission's related evaluation of the amendments is contained in a letter to Duke Power Company dated April 11, 1988 and a Safeguards Evaluation Report dated April 11, 1988.

No significant hazards consideration comments received: No

Local Public Document Room location: York County Library, 138 East Black Street, Rock Hill, South Carolina 29730.

Kahtan Jabbour, Project Manager  
Project Directorate II-3  
Division of Reactor Projects I/II

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