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

August 19, 1988

Docket Nos.: 50-269, (50-270)  
and 50-287

POSTED  
Amdt 169 to DPR-47

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 NOS. 169, 169, AND 166 TO FACILITY OPERATING  
LICENSES DPR-38, DPR-47, and DPR-55 - OCONEE NUCLEAR STATION,  
UNITS 1, 2, AND 3 (TACS 65466/65467/65468)

The Commission has issued the enclosed Amendments Nos. 169, 169, and 166 to Facility Operating Licenses Nos. DPR-38, DPR-47 and DPR-55 for the Oconee Nuclear Station, Units 1, 2, and 3. These amendments consist of changes to the licenses in response to your submittals dated December 2, 1986, November 9, 1987, and January 15, 1988.

The amendments modify paragraphs 3.F. 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 amendment to your Physical Security Plan for Oconee Units 1, 2, and 3 is contained in the enclosed Safeguards Evaluation Report. Based on this evaluation, we find that you meet the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR 73.55 and the recordkeeping requirements of 10 CFR 73.70.

We find that the amendments to your licenses are related solely to safeguards matters and do not involve any significant construction impacts. 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 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 the activities authorized by 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.

Mr. H. B. Tucker

-2-

August 19, 1988

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..

Notice of issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

Original Signed By:

Helen N. Pastis, Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II

Enclosures:

1. Amendment No. 169to  
License No. DPR-38
2. Amendment No. 169to  
License No. DPR-47
3. Amendment No. 166to  
License No. DPR-55
4. Safeguards Evaluation Report

cc w/enclosures:

See next page

LA:PDII-3  
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HPastis:pw  
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DMatthews  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

DUKE POWER COMPANY

DOCKET NO. 50-269

OCONEE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 169  
License No. DPR-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The submittals filed by the Duke Power Company (the licensee) dated December 2, 1986, November 9, 1987, and January 15, 1988, 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 license 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 3.F. of Facility Operating License No. DPR-38 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 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Oconee Nuclear Station Security Plan," with revisions submitted through January 15, 1988; "Oconee Nuclear Station Training and Qualification Plan," with revisions submitted through May 16, 1986; and "Oconee Nuclear Station Safeguards Contingency Plan," with revisions submitted through March 18, 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:

David B. Matthews, Director  
Project Directorate II-3  
Division of Reactor Projects - I/II

Date of Issuance: August 19, 1988

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PDII-3/DRP-I/II  
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PDII-3/DRP-I/II  
HPastor:pw  
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OGC-WF  
K. Boehmann  
7/9/88

PDII-3/DRP-I/II  
DMatthews  
7/13/88



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

DUKE POWER COMPANY

DOCKET NO. 50-270

OCONEE NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 169  
License No. DPR-47

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The submittals filed by the Duke Power Company (the licensee) dated December 2, 1986, November 9, 1987, and January 15, 1988, 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 license 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 3.F. of Facility Operating License No. DPR-38 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 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Oconee Nuclear Station Security Plan," with revisions submitted through January 15, 1988; "Oconee Nuclear Station Training and Qualification Plan," with revisions submitted through May 16, 1986; and "Oconee Nuclear Station Safeguards Contingency Plan," with revisions submitted through March 18, 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:

David B. Matthews, Director  
Project Directorate II-3  
Division of Reactor Projects - I/II

Date of Issuance: August 19, 1988

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E. Ozchmann  
7/9/88

PDII-3/DRP-I/II  
DMatthews  
7/13/88



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

DUKE POWER COMPANY

DOCKET NO. 50-287

OCONEE NUCLEAR STATION, UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 166  
License No. DPR-55

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The submittals filed by the Duke Power Company (the licensee) dated December 2, 1986, November 9, 1987, and January 15, 1988, 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 license 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 3.F. of Facility Operating License No. DPR-55 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 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Oconee Nuclear Station Security Plan," with revisions submitted through January 15, 1988; "Oconee Nuclear Station Training and Qualification Plan," with revisions submitted through May 16, 1986; and "Oconee Nuclear Station Safeguards Contingency Plan," with revisions submitted through March 18, 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:

David B. Matthews, Director  
Project Directorate II-3  
Division of Reactor Projects - I/II

Date of Issuance: August 19, 1988

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MRobb  
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HPastis:pw  
6/30/88

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R Baermann  
7/7/88

PDII-3/DRP-I/II  
DMatthews  
7/13/88





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

SAFEGUARDS EVALUATION REPORT  
MISCELLANEOUS AMENDMENTS AND SEARCH REQUIREMENTS  
DUKE POWER COMPANY  
OCONEE NUCLEAR STATION, UNITS 1, 2 AND 3  
DOCKET NOS. 50-269, 50-270 AND 50-287

1.0 INTRODUCTION

The Duke Power Company (DUKE) has filed with the Nuclear Regulatory Commission revisions to their Physical Security Plan for the Oconee Nuclear Station, Units 1, 2, and 3. We reviewed Duke's letters dated December 2, 1986, November 9, 1987, and January 15, 1988.

This Safeguards Evaluation Report (SGER) summarizes how Duke proposes to meet the Miscellaneous Amendments and Search Requirements revisions 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 reporting requirements. Accordingly, the protection provided will ensure that the public health and safety will not be endangered.

2.0 PERSONNEL SEARCH

Duke has committed 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, Duke has committed to conduct a physical pat-down search of an individual whenever Duke 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 Oconee Nuclear Station, Units 1, 2, and 3, Physical Security Plan to limit unescorted access to vital areas during non-emergency conditions to individuals who require access 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 non-emergency conditions are included on their site-access list. Duke has provided further assurance by revoking access and retrieving badges and other entry devices before 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 which 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: (1) rotating keys, locks, combinations, and related access control devices every 12 months or (2) changing 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 because of 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 Duke 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

During emergency conditions or situations that could lead to emergency conditions, Duke has committed to provide for the rapid ingress and egress of individuals by assuring prompt access to vital equipment. An annual review of their physical security plans and contingency plans and 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 Duke in revisions to their Physical Security Plan, the staff has concluded that Duke meets the requirements of 10 CFR 73.55(d)(7)(ii) to assure access to vital equipment during emergencies or to situations that may lead to an emergency.

#### 6.0 PROTECTION OF SECONDARY POWER SUPPLIES

Duke has committed 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 Duke 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

Duke has committed to maintain a log that indicates the name, badge number, time of entry, and time of exit of all individuals granted access to a vital area except for those individuals entering or exiting the reactor control room.

Based upon commitments made by Duke 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 Duke has met the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR Part 73.55 and the record reporting requirements of 10 CFR Part 73.70.

Principal Contributor: J. Gibson, NRR

Dated: August 19, 1988

Mr. H. B. Tucker  
Duke Power Company

Oconee Nuclear Station  
Units Nos. 1, 2 and 3

cc:

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