



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

December 6, 1988

*Docket
File*

Docket Nos. 50-313
and 50-368

Mr. T. Gene Campbell
Vice President, Nuclear
Operations
Arkansas Power and Light Company
P. O. Box 551
Little Rock, Arkansas 72203

Dear Mr. Campbell:

SUBJECT: ISSUANCE OF AMENDMENT NOS. 114 AND 88 TO FACILITY OPERATING
LICENSE NOS. DPR-51 AND NPF-6 - ARKANSAS NUCLEAR ONE, UNITS 1 AND 2
(TAC NOS. 65423 AND 65379)

The Commission has issued the enclosed Amendment Nos. 114 and 88 to Facility Operating License Nos. DPR-51 and NPF-6 for the Arkansas Nuclear One, Units 1 and 2 (ANO-1&2) in response to your application dated December 2, 1986 as supplemented on February 24, 1988.

The amendments modify paragraphs 2.C.(4) and 2.D. of Facility Operating License Nos. DPR-51 and NPF-6 to require compliance with your revised 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 the amendments.

Our evaluation of the amendments to your Physical Security Plan for ANO-1&2 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 these amendments to your licenses are related solely to safeguards matters and do not involve any significant construction impacts. Accordingly, these 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 statements 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.

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December 6, 1988

Mr. T. Gene Campbell

-2-

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 next biweekly Federal Register notice.

Sincerely,

/s/

C. Craig Harbuck, Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

1. Amendment Nos. 114 and 88
to DPR-51 and NPF-6
2. Safeguards Evaluation Report

cc w/enclosures:
See next page

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LTR NAME: ANC UNITS 1&2 AMENDMENT

PD4/LA *DM*
PNoonan
11/2/88

PD4/PM *CH*
CHarbuck:kb
11/2/88

OGC-Rockville
R. Buchmann
11/2/88

PD4/D *mc*
JCalvo
11/6/88
12

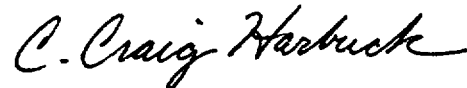
Mr. T. Gene Campbell

-2-

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C. Craig Harbuck, Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

1. Amendment Nos. 114 and 88
to DPR-51 and NPF-6
2. Safeguards Evaluation Report

cc w/enclosures:
See next page

Mr. T. Gene Campbell
Arkansas Power & Light Company

Arkansas Nuclear One
Unit Nos. 1 and 2

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Honorable William Abernathy
County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801



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

ARKANSAS POWER AND LIGHT COMPANY

DOCKET NO. 50-313

ARKANSAS NUCLEAR ONE, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 114
License No. DPR-51

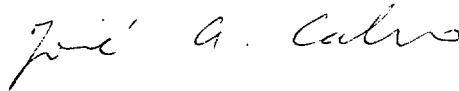
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Arkansas Power and Light Company (the licensee) dated December 2, 1986, as supplemented on February 24, 1988, complies with the standards and requirements of the Atomic Energy Act of 1954, as 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, as amended, 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;
 - 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 2.C.(4) of Facility Operating License No. DPR-51 is hereby amended to read as follows:

The licensee 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: "Arkansas Nuclear One Physical Security Plan," with revisions submitted through February 24, 1988; "Arkansas Nuclear One Guard Training and Qualification Plan," with revisions submitted through August 20, 1985; and "Arkansas Nuclear One Safeguards Contingency Plan," with revisions submitted through May 30, 1980. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Jose A. Calvo, Director
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Date of Issuance: December 6, 1988



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

ARKANSAS POWER AND LIGHT COMPANY

DOCKET NO. 50-368

ARKANSAS NUCLEAR ONE, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 88
License No. NPF-6

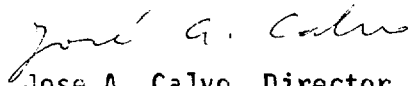
1. The Nuclear Regulatory Commission (the Commission) has found that:
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 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable 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;
 - 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 2.D. of Facility Operating License No. DPR-6 is hereby amended to read as follows:

The licensee 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: "Arkansas Nuclear One Physical Security Plan," with revisions submitted through February 24, 1988; "Arkansas Nuclear One Guard Training and Qualification Plan," with revisions submitted through August 20, 1985; and "Arkansas Nuclear One Safeguards Contingency Plan," with revisions submitted through May 30, 1980. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

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FOR THE NUCLEAR REGULATORY COMMISSION



Jose A. Calvo, Director
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Date of Issuance: December 6, 1988



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

SAFEGUARDS EVALUATION REPORT
MISCELLANEOUS AMENDMENTS AND SEARCH REQUIREMENTS
ARKANSAS POWER AND LIGHT COMPANY
ARKANSAS NUCLEAR ONE, UNITS 1 AND 2

1.0 INTRODUCTION

The Arkansas Power and Light Company (AP&L) has filed with the Nuclear Regulatory Commission revisions to their Physical Security Plan for the Arkansas Nuclear One, Units 1 and 2.

This Safeguards Evaluation Report (SGER) summarizes how the licensee proposes to meet the Miscellaneous Amendments and Search Requirements revisions of 10 CFR 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 to record reporting 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 caused 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

AP&L has modified their Arkansas Nuclear One, 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. AP&L has assured that only individuals whose specific duties require access to vital areas during non-emergency conditions are included on their site access list. AP&L 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 AP&L 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 AP&L 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 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 the licensee in revisions to their Physical Security Plan, the staff has concluded that AP&L 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 AP&L 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 AP&L meets the requirements of 10 CFR 73.70(d) by maintaining entry/exit log of individual 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 73.55 and the record reporting requirements of 10 CFR 73.70.

Date: December 6, 1988

Principal Contributor: B. Manili