

July 15, 1988

Docket No. 50-331

Mr. Lee Liu
Chairman of the Board and
Chief Executive Officer
Iowa Electric Light and Power Company
Post Office Box 351
Cedar Rapids, Iowa 52406

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Dear Mr. Liu:

SUBJECT: DUANE ARNOLD ENERGY CENTER - AMENDMENT NO. 152 TO FACILITY OPERATING LICENSE NO. DPR-49; PHYSICAL SECURITY PLAN (TAC NO. 65173)

The Commission has issued the enclosed Amendment No. 152 to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center. This amendment consists of changes to the license in response to your submittals dated December 2, 1986, and December 17, 1987.

The amendment modifies paragraph 2.C.(5) of the license 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 this amendment.

Our evaluation of the amendment to your Physical Security Plant for the Duane Arnold Energy Center is contained in the enclosed Safeguards Evaluation Report. Based on this evaluation, we find that you meet the requirements of the Miscellaneous and Search Requirements revision to 10 CFR 73.55 and the recordkeeping requirements of 10 CFR 73.70.

We find that this amendment to your license is related solely to safeguards matters and does not involve any significant construction impacts. Accordingly, this amendment meets 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 this amendment.

Based on the fact that this license amendment applies to the Physical Security Plan and incorporates into the license 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

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Mr. Lee Liu

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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 biweekly Federal Register notice.

Sincerely,

JS/

James R. Hall, Project Manager
Project Directorate III-3
Division of Reactor Projects - III,
IV, V & Special Projects

Enclosures:

1. Amendment No. 152 to License No. DPR-49
2. Safeguard Evaluation Report

cc w/enclosures:
See next page

Office: LA/PDIII-3
Surname: PKreutzer
Date: 6/30/88

JS
PM/PDIII-3
RHall/vh
7/6/88

*with correction of
typo at clip.*
PD/PDIII-3
KPerkins
7/6/88

OGC-NFI
OGC
7/11/88

Mr. Lee Liu
Iowa Electric Light and Power Company

Duane Arnold Energy Center

cc:

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

IOWA ELECTRIC LIGHT AND POWER COMPANY
CENTRAL IOWA POWER COOPERATIVE
CORN BELT POWER COOPERATIVE

DOCKET NO. 50-331

DUANE ARNOLD ENERGY CENTER

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 152
License No. DPR-49

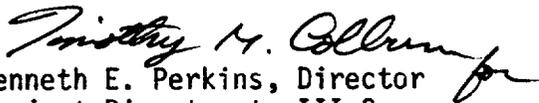
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The submittals by Iowa Electric Light and Power Company, et al., dated December 2, 1986 and December 17, 1987, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the submittals, 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 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.(5) of Facility Operating License No. DPR-49 is hereby amended to read as follows:
 - (5) 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

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Information protected under 10 CFR 73.21, are entitled: "Duane Arnold Energy Center Security Plan," with revisions submitted through December 17, 1987; "Duane Arnold Energy Center Guard Training and Qualification Plan," with revisions submitted through October 18, 1985; and "Duane Arnold Energy Center Safeguards Contingency Plan," with revisions submitted through December 5, 1986. 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 the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Kenneth E. Perkins, Director
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects

Date of Issuance: July 15, 1988



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

SAFEGUARDS EVALUATION REPORT BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 152 TO FACILITY OPERATING LICENSE NO. DPR-49

IOWA ELECTRIC LIGHT AND POWER COMPANY
CENTRAL IOWA POWER COOPERATIVE
CORN BELT POWER COOPERATIVE

DUANE ARNOLD ENERGY CENTER

DOCKET NO. 50-331

1.0 INTRODUCTION

The Iowa Electric Light and Power Company (IEL&P), et al., has filed with the Nuclear Regulatory Commission revisions to their Physical Security Plan for the Duane Arnold Energy Center.

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 record-keeping 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

IEL&P has modified their Duane Arnold Energy Center 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

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updated and approved by the cognizant manager or supervisor at least once every 31 days. IEL&P has assured that only individuals whose specific duties require access to vital areas during nonemergency conditions are included on their site access list. IEL&P 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 its Physical Security Plan, the staff has concluded that IEL&P 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 its Physical Security Plan, the staff has concluded that IEL&P 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 its 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 its Physical Security Plan, the staff has concluded that IEL&P meets the requirements of 10 CFR 73.55(d)(7)(ii) to assure access to vital equipment during emergencies or 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 its Physical Security Plan, the staff has concluded that IEL&P 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 its Physical Security Plan, the staff has concluded that IEL&P meets the requirements of 10 CFR 73.70(d) by maintaining entry/exit logs of individuals accessing vital areas (except the reactor control room).

8.0 CONCLUSION

Based upon the above evaluation, the staff finds that the licensee has met the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR 73.55 and the recordkeeping requirements of 10 CFR 73.70.

Principal Contributor: R. Skelton, NRR

Dated: July 15, 1988