

April 18, 1989

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: AMENDMENT NO.157 TO FACILITY OPERATING LICENSE NO. DPR-49;
ADMINISTRATIVE CONTROLS (TAC NO. 63314)

The Commission has issued the enclosed Amendment No. to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center. This amendment consists of changes to the Technical Specifications in response to your application dated October 14, 1986, as revised March 25, 1987.

The amendment consists of editorial changes to Section 6.0, "Administrative Controls," which, in part, clarify the responsibilities of the plant Safety Committee.

Your original application requested, in part, a Technical Specification change to allow qualified personnel to screen proposed procedure changes on behalf of the plant Operations Committee. This portion of your request was withdrawn, following discussions with the staff, in your March 25, 1987 letter. The staff finds that such a screening process is acceptable and consistent with Specification 6.5.1.6, as the Operations Committee is responsible for assuring that adequate reviews have been performed, whether done by Committee members or others. However, the staff recommends that such a screening process be procedurally controlled, be limited only to changes to existing procedures, and involve a senior reactor operator-licensed individual.

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P PNU

Mr. Lee Liu

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A copy of the Safety Evaluation and of the notice of withdrawal are also enclosed. Notice of issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

/s/

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

Enclosures:

1. Amendment No. 157 to License No. DPR-49
2. Safety Evaluation
3. Notice of Withdrawal

cc w/enclosures:
See next page

Office: LA/PDI/III-3
Surname: PKreutzer
Date: 4/4/89

PM/PDIII-3
RHall/mr JRH
4/6/89

PD/PDIII-3
JHannon
4/6/89

OGC-WF1
CPW
4/10/89

Mr. Lee Liu
Iowa Electric Light and Power Company

Duane Arnold Energy Center

cc:

Jack Newman, Esquire
Kathleen H. Shea, Esquire
Newman and Holtzinger
1615 L Street, N.W.
Washington, D.C. 20036

Office for Planning and Programming
523 East 12th Street
Des Moines, Iowa 50319

Chairman, Linn County
Board of Supervisors
Cedar Rapids, Iowa 52406

Iowa Electric Light and Power Company
ATTN: R. Hannen
Post Office Box 351
Cedar Rapids, Iowa 52406

U.S. Nuclear Regulatory Commission
Resident Inspector's Office
Rural Route #1
Palo, Iowa 52324

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Mr. John A. Eure
Assistant to the Division Director
for Environmental Health
Iowa Department of Public Health
Lucas State Office Building
Des Moines, Iowa 50319



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. 157
License No. DPR-49

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Iowa Electric Light and Power Company, et al., dated October 14, 1986, as revised March 25, 1987, 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, 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, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of Facility Operating License No. DPR-49 is hereby amended to read as follows:

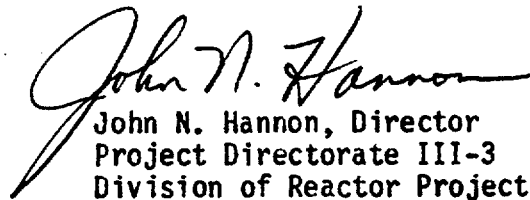
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(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No.157, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of the date of issuance and shall be implemented within 30 days of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



John N. Hannon, Director
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 18, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 157

FACILITY OPERATING LICENSE NO. DPR-49

DOCKET NO. 50-331

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised areas are indicated by marginal lines.

Pages

6.5-2

6.5-7

6.5-9

6.8-2

6.5.1.4 Meeting Frequency

The Operations Committee shall meet at least once per calendar month and as convened by the Operations Committee Chairman or Vice Chairman.

6.5.1.5 Quorum

A quorum of the Operations Committee shall consist of the Chairman or Vice Chairman and five members including alternates.

6.5.1.6 Responsibilities

The Operations Committee shall be responsible for:

- a. Review of (1) all procedures required by Specification 6.8, Plant Operating Procedures, and changes thereto, (2) any other proposed procedures or changes thereto as determined by the Plant Superintendent-Nuclear to affect nuclear safety.
- b. Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to the Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.

6.5.2.7 Review

The Safety Committee shall be responsible for the review of:

- a. The safety evaluations for (1) changes to procedures, and (2) tests or experiments completed under the provision of Section 50.59, 10 CFR, to verify that such actions did not constitute an unreviewed safety question.
- b. Proposed changes to procedures, equipment or systems which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- c. Proposed tests or experiments which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- d. Proposed changes in Technical Specifications or licenses.
- e. Violations of applicable statutes, codes, regulations, orders, technical specifications, license requirements, or of internal procedures or instructions having nuclear safety significance.
- f. Significant operating abnormalities or deviations from normal and expected performance of plant equipment that affect nuclear safety.
- g. All Reportable Events.
- h. All recognized indications of an unanticipated deficiency in some aspect of design or operation of safety-related structures, systems, or components.

- g. Any other area of facility operation considered appropriate by the Safety Committee or the President.
- h. Design change package safety evaluations at least once per 24 months.
- i. The DAEC Fire Protection Program and implementing procedures at least once per 24 months.
- j. The Process Control Program and implementing procedures at least once per 24 months.
- k. The Offsite Dose Assessment Manual and implementing procedures at least once per 24 months.
- l. The radiological environmental monitoring program and the results thereof at least once per 12 months.
- m. Performance of activities required by the QC Program for effluent and the vendors QA Program for radiological environmental monitoring.

6.5.2.9 Authority

The Safety Committee shall report to and advise the President on those areas of responsibility specified in Specifications 6.5.2.7 and 6.5.2.8.

6.5.2.10 Records

Records of Safety Committee activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each Safety Committee meeting shall be prepared, approved and forwarded to the President within 14 days following each meeting.

8. Procedures required by the plant Security Plan.
 9. Operation of radioactive waste systems.
 10. Fire Protection Program implementation.
 11. A preventive maintenance and periodic visual examination program to reduce leakage from systems outside containment that would or could contain highly radioactive fluids during a serious transient to as low as practical levels. This program shall also include provisions for performance of periodic systems leak tests of each system once per operating cycle.
 12. Program to ensure the capability to accurately determine the airborne iodine concentration in vital areas under accident conditions, including training of personnel, procedures for monitoring and provisions for maintenance of sampling and analysis equipment.
 13. Administrative procedures for shift overtime for Operations personnel to be consistent with the Commission's June 15, 1982 policy statement.
 14. Offsite Dose Assessment Manual.
 15. Process Control Plan.
 16. Quality Control Program for effluents.
- 6.8.2 Procedures described in 6.8.1 above, and changes thereto, shall be reviewed by the Operations Committee as indicated in Specification 6.5.1.6 and approved by the Plant Superintendent-Nuclear prior to implementation, except as provided in 6.8.3 below.
- 6.8.3 Temporary minor changes to procedures described in 6.8.1 above which do not change the intent of the original procedure may be made with the concurrence of two members of the plant management staff, at least one of whom shall hold a senior operator license. Such changes shall be documented and promptly reviewed by the Operations Committee and by the Plant Superintendent-Nuclear. Subsequent incorporation, if necessary, as a permanent change, shall be in accord with 6.8.2 above.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 157 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

By letter dated October 14, 1986, the licensee proposed that certain changes be made to the Duane Arnold Technical Specifications, Section 6, "Administrative Controls." Following discussions between the staff and the licensee, the licensee withdrew, in a letter dated March 25, 1987, several of the proposed changes and revised others. As a result, the only changes finally proposed for NRC approval are primarily editorial in nature. The staff's evaluation of these changes is given below.

2.0 EVALUATION

- 2.1 TS 6.5.1.6.c - The proposal to delete reference to Appendix "A" is acceptable because Technical Specifications are no longer divided into Appendix "A" and Appendix "B". The change is editorial in nature.
- 2.2 TS 6.5.2.7 - The proposal to change the first line from "The Safety Committee shall review:" to "The Safety Committee shall be responsible for the review of:" is acceptable because the revised wording is consistent with that used in the Technical Specifications for most recently-licensed plants, i.e., it makes this Specification consistent with the NRC staff's objectives that the Safety Committee members not be overburdened by performing all the details involved in the review process but should be responsible for assuring that adequate reviews have been performed, whether done by the Committee or by others.
- 2.3 TS 6.5.2.8.h - The proposal to change "design change request" to "design change package" is acceptable because it is editorial in nature and makes the phrase consistent with plant-specific terminology.
- 2.4 TS 6.8.2 - The Proposal to insert ", as indicated in Specification 6.5.1.6," after the words "Operations Committee" in line 2 of TS 6.8.2 is acceptable because it makes the wording consistent with that of TS 6.5.1.6.

3.0 ENVIRONMENTAL CONSIDERATIONS

This amendment relates to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). 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.

4.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: R. Benedict

Dated: April 18, 1989

UNITED STATES NUCLEAR REGULATORY COMMISSION
IOWA ELECTRIC LIGHT AND POWER COMPANY, ET AL.

DOCKET NO. 50-331

NOTICE OF WITHDRAWAL OF APPLICATION FOR
AMENDMENT TO FACILITY OPERATING LICENSE

The United States Nuclear Regulatory Commission (the Commission) has granted the request of Iowa Electric Light and Power Company, Central Iowa Power Cooperative, and Corn Belt Power Cooperative (the licensee) to withdraw a portion of its October 14, 1986 application for an amendment to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center located in Linn County, Iowa.

The proposed amendment would have revised the Technical Specifications to allow qualified personnel to screen proposed procedure changes on behalf of the plant Operations Committee.

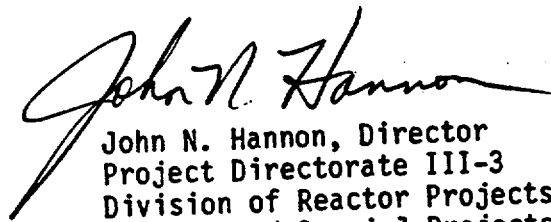
The Commission has previously issued a Notice of Consideration of Issuance of Amendment published in the FEDERAL REGISTER on February 26, 1987 (52 FR 5857). However, by letter dated March 25, 1987, the licensee withdrew a portion of the proposed change.

For further details with respect to this action, see the application for amendment dated October 14, 1986 and the licensee's letter dated March 25, 1987 which withdrew a portion of the application for license amendment.

The above documents are available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C., and the Cedar Rapids Public Library, 500 First Street, S.E., Cedar Rapids, Iowa 52401.

Dated at Rockville, Maryland this 18th day of April 1989 .

FOR THE NUCLEAR REGULATORY COMMISSION



John N. Hannon, Director
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

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