

Docket No. 50-331

FEB 18 1986

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

Dear Mr. Liu:

The Commission has issued the enclosed Amendment No. 130 to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center. This amendment changes the license in response to your application dated January 26, 1984, as clarified by letters dated May 14, and October 4, 1984.

The amendment revises the license to delete the Terrestrial Monitoring requirements and deletes Appendix B as well since the deleted requirement was the only item presently contained in Appendix B.

A copy of the related Safety Evaluation is also enclosed.

Sincerely,

Original signed by

Mohan C. Thadani, Project Manager  
BWR Project Directorate #2  
Division of BWR Licensing

Enclosures:

1. Amendment No. 130 to License No. DPR-49
2. Safety Evaluation

cc w/enclosures:  
See next page

DISTRIBUTION

Docket File  
NRC PDR  
Local PDR  
PD#2 Reading  
RBernero

SNorris  
MThadani  
OELD  
LJHarmon  
ELJordan

BGrimes  
TBarnhart (4)  
WJones  
GLaRoche  
ACRS (10)

OPA  
LFMB  
Gray File  
Extra - 5  
JPartlow

DBL:PD#2  
SNorris:ajs  
01/9/86

*MCS*  
DBL:PD#2  
MThadani  
01/9/86

*DM*  
DBL:PD#2  
DMuller  
01/16/86

OELD  
*SL*  
01/24/86

With change noted to SE,  
as discussed with M.  
Thadani.  
S.H.Lewis

8603030482 860218  
PDR ADOCK 05000331  
P PDR

Mr. Lee Liu  
Iowa Electric Light and Power Company

Duane Arnold Energy Center

cc:

Jack Newman, Esquire  
Harold F. Reis, 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: D. L. Mineck  
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. Thomas Houvenagle  
Regulatory Engineer  
Iowa Commerce Commission  
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. 130  
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 January 26, 1984, as revised by letters dated May 14, and October 4, 1984, 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 changing paragraph 2.C.(2) of Facility Operating License No. DPR-49 to read as follows:

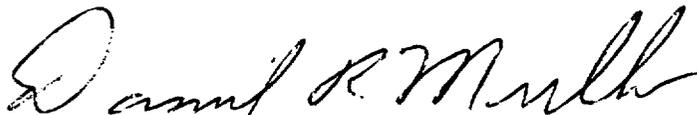
8603030485 860218  
PDR ADOCK 05000331  
P PDR

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 130, 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.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Daniel R. Muller". The signature is written in a cursive style with a large initial "D".

Daniel R. Muller, Director  
BWR Project Directorate #2  
Division of BWR Licensing

Date of Issuance: February 18, 1986



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 130 TO 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 January 26, 1984, Iowa Electric Light and Power Company (the licensee) requested to amend its operating license by deleting Section 4.1.2 of the Environmental Technical Specification (TS) (Appendix B). By letters dated May 14, and October 4, 1984, the licensee provided the environmental studies referenced in its January 26, 1984 request.

2.0 EVALUATION

Specification 4.1.2 required that the terrestrial monitoring program as reported in the Duane Arnold Energy Center (DAEC) Terrestrial Flora Study (August 1972) will be repeated 2 years after commercial operation of the plant commences. The licensee's Technical Specification 4.1.2 in Appendix B requires that the licensee perform a terrestrial environmental surveillance after 2 years of commercial operation to document any adverse effects of salt drift from the DAEC cooling towers. The licensee has conducted such studies over a period of 9 years. The results of the licensee's study and evaluations by the NRC staff, including review of the licensee's reports and a visit to the site indicate that there has been no increase in plant disease or insect damage to the vegetation in the area impacted by the cooling tower drift. Our site inspection indicates that there has been a beneficial effect on the impacted area as a result of enhanced green vegetation color due to the impact of cooling tower water drift. The environmental surveillance required in Technical Specifications Section 4.1.2 of Appendix B has, therefore, been satisfactorily completed and may be deleted. The proposed Technical Specification change deleting Section 4.1.2 of Appendix B is, therefore, acceptable.

3.0 ENVIRONMENTAL CONSIDERATIONS

This amendment involves changes in the environmental surveillance requirements. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there

8603030488 860218  
PDR ADDCK 05000331  
P PDR

has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). 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

We have concluded that, since the amendment involves only non-radiological environmental matters, (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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: G. LaRoche

Dated: February 18, 1986