

March 11, 1984³

Docket No. 50-331

Mr. Duane Arnold
Chairman of the Board and Chief
Executive Officer
Iowa Electric Light and Power Company
P. O. Box 351
Cedar Rapids, Iowa 52406

Dear Mr. Arnold:

The Commission has issued the enclosed Amendment No. 84 to Facility Operating License No. DPR-49 for Duane Arnold Energy Center. This amendment consists of changes to the Technical Specifications in response to your application dated February 10, 1983, and subsequent discussions between the NRC staff and your staff. These changes have been discussed with and agreed to by members of your staff.

This amendment deletes the Appendix B Environmental Technical Specifications (ETS) which pertain to non-radiological water quality-related requirements, as required by the Federal Water Pollution Control Act Amendments of 1972.

Your basis for the requested deletion of water quality limits and monitoring programs is that these aquatic requirements are now under the jurisdiction of the U.S. Environmental Protection Agency (EPA) as established by the Federal Water Pollution Control Act Amendments of 1972. Therefore, water quality conditions in existing reactor operating licenses should be removed as a matter of law where the licensee holds, as you do, an effective National Pollutant Discharge Elimination System (NPDES) permit.

We concur in the deletion of the aquatic requirements and will rely on the NPDES permit system which is administered by EPA for regulation and protection of the aquatic environment. However, the NRC staff still wishes to remain informed about any changes in your NPDES permit and any violations of this permit. Accordingly, as discussed with your staff, you have agreed to provide NRC with a copy of any changes to the NPDES discharge permit and any permit violations requiring notification to the permitting agency at the time this information is reported to or received from the permitting agency. This information is to be submitted to the appropriate Regional Administrator with a copy to the Director, Office of Nuclear Reactor Regulation.

Please confirm this commitment in writing within 30 days of receipt of this letter.

We have determined that the deletion of these water quality requirements is a ministerial action required as a matter of law and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement or negative declaration and environmental

OFFICE	Impact appraisal need not be prepared in connection with the issuance of this amendment.					
SURNAME						
DATE						

Since the amendment applies only to deletion of water quality requirements, we have concluded that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

*Original signed by
D. B. Vassallo*

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosures:

1. Amendment No. 84 to DPR-49
2. Notice of Issuance

cc w/Enclosures
See next page

DIST:	Docket File	NRC PDR	LPDR	ORB#2 Rdg	DEisenhut	SNorris
KEccleston	OELD	SECY	LJHarmon-2	TBarnhart-4	LSchneider	DBrinkman
XTRA-5	ACRS-10	OPA-CMiles	RDiggs	NSIC	Gray	ASLAB
Fapicella						

OFFICE	DL:ORB#2	DL:ORB#2	DL:ORB#2	DL:ORB#2	DE LAB:M&E	DL:ORB#2	OELD
SURNAME	SNorris	KEccleston:pob	Fapicella	DVassallo	WJohnston	GLainas	
DATE	2/25/83	2/26/83	2/25/83	2/28/83	3/1/83	3/1/83	2/1/83

Mr. Duane Arnold
Iowa Electric Light & Power Company

cc:

Mr. Jack Newman, Esquire
Harold F. Reis, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, 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 & Power Company
ATTN: D. L. Mineck
P. O. Box 351
Cedar Rapids, Iowa 52406

U.S. Environmental Protection Agency
Region VII Office
Regional Radiation Representative
324 East 11th Street
Kansas City, Missouri 64106

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

James G. Keppler
Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137



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. 84
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, (the licensee) dated February 10, 1983, 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:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 84, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 11, 1983

ATTACHMENT TO LICENSE AMENDMENT NO. 84

FACILITY OPERATING LICENSE NO. DPR-49

DOCKET NO. 50-331

Replace the following pages of the Appendix B Technical Specifications with the enclosed pages as indicated. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change or information deleted.

Insert

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iv
2.1-1
2.1-2
2.2-1
2.2-2
2.2-3
4.1-1
4.1-2
4.1-3
4.1-4
4.1-5
4.1-6
4.3-12

Effective January 19, 1975, activities under the U.S. Atomic Energy Commission regulatory program were assumed by the U.S. Nuclear Regulatory Commission in accordance with the Energy Reorganization Act of 1974. Any references to the Atomic Energy Commission (AEC) contained herein should be interpreted as Nuclear Regulatory Commission (NRC).

ENVIRONMENTAL TECHNICAL SPECIFICATIONS

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ENVIRONMENTAL TECHNICAL SPECIFICATIONS

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4.3-1	Radiological Environmental Monitoring Program Sampling Stations (Map)	4.3-13

DELETED

2.2-1

~~DELETED~~

Pages 2.2-1, 2.2-2 and 2.2-3 have been Deleted

4.1-1

DELETED

Pages 4.1-1, 4.1-2, 4.1-3, 4.1-4 and 4.1-5 have been Deleted

Amendment No. 84

4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES

4.1 Biological

4.1.2 Terrestrial

Objective

1. To determine the characteristics of the terrestrial plant and animal communities in the vicinity of the DAEC following plant startup. Comparison of the results of these determinations with preoperational studies will make it possible to assess the effects of the operation of the DAEC on the terrestrial ecology.
2. To determine significant effects of cooling tower operation on the plant communities adjacent to the site by periodic visual inspection of plant foliage downwind of the towers.

Specification

The terrestrial monitoring program as reported in the DAEC Terrestrial Flora Study (August 1972) and Terrestrial Fauna Study (October 1972) will be repeated two years after commercial operation of the plant commences.

A monthly visual inspection during the growing season (May through September) will be made of the vegetation on and around the site in the direction of prevailing winds to determine any possible salt drift damage. If symptoms of salt damage are apparent, samples of affected and unaffected individuals of the same plant species will be photographed, sampled and unwashed samples analyzed for total salts. The results of these inspections will be reported as detailed in Section 5.4. This program will continue for a minimum of two years.

Bases

The terrestrial flora and fauna studies established the baseline ecology prior to the operation of the DAEC. These studies will be repeated in order to document any significant effects of plant operation on the terrestrial environment. Review of visual examination of plant foliage will document any significant effects of cooling tower operation on plant communities adjacent to the station.

DELETED

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-331IOWA ELECTRIC LIGHT AND POWER COMPANY, ET ALNOTICE OF ISSUANCE OF AMENDMENT TO FACILITYOPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 84 to Facility Operating License No. DPR-49, issued to Iowa Electric Light and Power Company, Central Iowa Power Cooperative, and Corn Belt Power Cooperative, (the licensee), which revised Technical Specifications for operation of the Duane Arnold Energy Center. The amendment is effective as of the date of issuance.

The amendment deletes the Appendix B Environmental Technical Specifications (ETS) which pertain to non-radiological water quality-related requirements, as required by the Federal Water Pollution Control Act Amendments of 1972.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of the amendment was not required since the amendment does not involve a significant hazards consideration.

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The Commission has determined that the issuance of this amendment is a ministerial action required as a matter of law and will not result in any significant environmental impact and pursuant to 10 CFR 51.5(d)(4), an environmental impact statement, or negative declaration and environmental impact appraisal, need not be prepared in connection with issuance of the amendment.

For further details with respect to this action, see (1) the application for amendment dated February 10, 1983, (2) Amendment No. 84 to License No. DPR-49, and (3) the Commission's letter to the licensee dated March 11, 1984. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Cedar Rapids Public Library, 426 Third Avenue S.E., Cedar Rapids, Iowa 52401. A single copy of items (2) and (3) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 11th day of March 1983.

FOR THE NUCLEAR REGULATORY COMMISSION



Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing