

OCT 7 1976

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OPA, Clare Miles

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Docket No. 50-331

Iowa Electric Light and Power Company
ATTN: Mr. Duane Arnold, President
Security Building
P. O. Box 351
Cedar Rapids, Iowa 52406

Gentlemen:

The Commission has issued the enclosed Amendment No. 23 to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center (DAEC). This amendment is in response to your request dated May 5, 1975.

The amendment involves a change to the Technical Specifications, Appendix B of the license, and concerns a sampling requirement for fecal coliform bacteria in the station's sewage treatment plant. The NRC has evaluated this sampling requirement, and has concluded that the requirement should be deleted from the Appendix B Technical Specifications for DAEC. This requirement was originally imposed at a time when state certification did not include a requirement for sampling of fecal coliform in the station sewage. Since that time, the State of Iowa has imposed such a requirement in its water permit (State of Iowa Water Permit No. 71-56S). This being the case, the requirement in the station's Operating License is redundant with the state requirement and is not necessary.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. Based on this evaluation we have determined that the amendment does not authorize a change in effluent types or total amounts, nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded, pursuant to 10 CFR Part 51.5 (d)(4), that an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Further, we have concluded that the amendment does not involve a significant decrease in a safety margin, does not involve a significant increase in the probability or consequences of an accident, and therefore

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DATE ➤						

Iowa Electric Light
and Power Company

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does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be compromised by this action.

A copy of the related Federal Register Notice is also enclosed.

Sincerely,

Original signed by

George Lear, Chief
Operating Reactors Branch No. 3
Division of Operating Reactors

Enclosures:

1. Amendment No. 23 to DPR-49
2. Federal Register Notice

cc w/encl: See next page

*SEE PREVIOUS YELLOW FOR CONCURRENCES

OFFICE➤	DSE:EP-3	DSE:EP-3	DSE:EP	DOR:ORB-3	OELD	DOR:ORB-3
SURNAME➤	*Duncan/Bevan	*WRegan	*VAMoore	*JShea	*WPaton	GLear
DATE➤	8/16/76	8/17/76	8/18/76	8/20/76	8/23/76	10/ /76

Iowa Electric Light
and Power Company

- 2 -

does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be compromised by this action.

A copy of the related Federal Register Notice is also enclosed.

Sincerely,

George Lear, Chief
Operating Reactors Branch 3
Division of Operating Reactors

Enclosures:

1. Amendment No. 23 to DPR-49
2. Federal Register Notice

cc w/encl:

Jack R. Newman, Esquire
Harold F. Reis, Esquire
Lowenstein, Newman, Reis & Axelrad
1025 Connecticut Avenue, N. W.
Washington, D. C. 20036

bcc w/encl:

J. R. Buchanan, ORNL
T. B. Abernathy, DTIE
A. Rosenthal, ASLAB
J. Yore, ASLBP

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108

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

Mr. Dudley Henderson *Stanley Lenzberg*
Chairman, Linn County
Board of Supervisors
Cedar Rapids, Iowa 52406

Mr. Neill Thomasson
Attn: Loretto Long
Office of Radiation Programs
Environmental Protection Agency
Room 647A East Tower - Waterside Mall
401 M Street, S. W.
Washington, D. C. 20460

OFFICE ➤	DSE:EP-3 MDuncan	DSE:EP-3 WRegan	DSE:EP VAmore	DOR:ORB-3 JShea	OELD W.D. Patm	DOR:ORB-3 GLear
SURNAME ➤	RBevan					
DATE ➤	8/16/76	8/17/76	8/17/76	8/20/76	8/23/76	10/6/76

October 7, 1976

cc:

Jack R. Newman, Esquire
Harold F. Reis, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N. W.
Washington, D. C. 20036

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

Mr. Stanley Ginsberg
Chairman, Linn County
Board of Supervisors
Cedar Rapids, Iowa 52406

Dr. Neill Thomasson (AW-459)
Chief, Energy Systems Analysis Branch
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Environmental Protection Agency
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Washington, D. C. 20460

Mr. Henry May
Regional Radiation Representative
U.S. Environmental Protection Agency
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Dallas, Texas 75201

Cedar Rapids Public Library
426 Third Avenue, S. E.
Cedar Rapids, Iowa 52401

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108

IOWA ELECTRIC LIGHT AND POWER COMPANY

DOCKET NO. 50-331

DUANE ARNOLD ENERGY CENTER

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 23
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 (the licensee) dated May 5, 1975, 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;
 - E. After weighing the environmental aspects involved, 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.

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2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment.
3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
George Lear, Chief
Operating Reactors Branch 3
Division of Operating Reactors

Attachment:
Change to the Technical
Specifications

Date of Issuance: OCT 7 1976

OFFICE ➤	DSE:EP-3	DSE:EP-3	DSE:EP	DOR:ORB-3	OELD	DOR:ORB-3
SURNAME ➤	MDuncanson RBevan	WRegan	V Moore	JShea	W.D. Paton	GLear
DATE ➤	8/16/76	8/19/76	8/18/76	8/20/76	8/23/76	10/6/76

ATTACHMENT TO LICENSE AMENDMENT NO. 23

FACILITY OPERATING LICENSE NO. DPR-49

DOCKET NO. 50-331

Replace the existing page 4.1-3 of the Appendix B Technical Specifications with the attached revised page 4.1-3. The change on this page is shown by a marginal line.

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4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES

4.1.1 Specification (Cont'd.)4.1.1.3 Plankton Studies

- A. Frequency: Twice per month routinely and as necessary when conditions warrant.
- B. Location: At all four river locations and the discharge canal.
- C. Analyses to be made: Numbers and kinds (to genus whenever possible) of organisms present.

4.1.1.5 Benthic (bottom organism) Studies

- A. Frequency: Three times per year, during spring, summer, and fall, as available
- B. Location: At all four river sites
- C. Analysis: Kinds (to genus whenever possible) and numbers of organisms present will be determined. Sediment type will also be determined.

4.1.1.6 Periphyton

- A. Frequency: Three times per year during spring, summer and fall, as available.
- B. Location: Artificial substrates will be installed at Site 2, above the plant intake, and at Site 3, below the plant.
- C. Analyses to be made: Substrates will be removed after two weeks to one month. The biomass and generic composition will be determined.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-331

IOWA ELECTRIC LIGHT AND POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 23 to Facility Operating License No. DPR-49 issued to Iowa Electric Light and Power Company which revised Technical Specifications for operation of the Duane Arnold Energy Center, located in Linn County, Iowa. The amendment is effective as of its date of issuance.

The amendment permits changes in the sampling requirement for fecal coliform bacteria in the station's sewage treatment plant.

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 this amendment is not required since the amendment does not involve a significant hazards consideration.

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

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For further details with respect to this action, see (1) the application for amendment dated May 5, 1975, and (2) Amendment No. 23 to License No. DPR-49. 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.

A copy of item (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 7th day of October, 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

George Lear, Chief
Operating Reactors Branch 3
Division of Operating Reactors

OFFICE >	DSE:EP-3	DSE:EP-3	DSE:EP	ORB-3	OELD	ORB-3
SURNAME >	MDuncan RBevan	WRegan	VMcGee	JShea	WD Patn	GLear
DATE >	8/16/76	8/19/76	8/18/76	8/20/76	8/23/76	10/6/76