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Docket No. 50-331

SEPTEMBER 19 1980

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Mr. Duane Arnold, President
Iowa Electric Light & Power Company
P. O. Box 351
Cedar Rapids, Iowa 52406

Dear Mr. Arnold:

The Order for Modification of License dated August 29, 1980, contained incorrect references. We have accordingly revised the Order. In view of this revision, the date for which a hearing may be requested is also accordingly revised.

Sincerely,

Original signed by

R. Purple

Darrell G. Eisenhut, Director
Division of Licensing

Enclosure:
Revised Order

cc: See next page

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OFFICE	ORB #2	ORB #2	ORB #2	ORB #2	OELD	D. DL
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DATE	9/17/80	9/17/80	9/17/80	9/17/80	1/80	9/19/80

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
IOWA ELECTRIC LIGHT & POWER COMPANY,)
CENTRAL IOWA POWER COOPERATIVE, AND)
CORN BELT POWER COOPERATIVE)
(Duane Arnold Energy Center))

Docket No. 50-331

REVISED ORDER FOR MODIFICATION OF LICENSE

I.

Iowa Electric Light & Power Company, Central Iowa Power Cooperative, and Corn Belt Power Cooperative (licensee) is the holder of Facility Operating License No. DPR-49 which authorizes the operation of the Duane Arnold Energy Center at steady state reactor power levels not in excess of 1658 megawatts thermal (rated power). The facility consists of a boiling water reactor located at the licensee's site near Palo in Linn County, Iowa.

II.

On November 4, 1977, the Union of Concerned Scientists (UCS) filed with the Commission a "Petition for Emergency and Remedial Relief." The petition sought action in two areas: fire protection for electrical cables, and environmental qualification of electrical components. By Memorandum and Order dated April 13, 1978 (7 NRC 400), the Commission denied certain aspects of the petition and, with respect to other aspects, ordered the NRC staff to take several related actions. UCS filed a Petition for Reconsideration on May 2, 1978. By Memorandum and Order, dated May 23, 1980, the Commission reaffirmed its April 13, 1978 decision

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Mr. Duane Arnold
Iowa Electric Light & Power Company - 2 -

cc:

Mr. Robert Lowenstein, 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

Director, Technical Assessment Division
Office of Radiation Programs (AW-459)
US EPA
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection Agency
Region VII
ATTN: EIS COORDINATOR
1735 Baltimore Avenue
Kansas City, Missouri 64108

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

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

imposed a deadline that, "by no later than June 30, 1982 all safety-related electrical equipment in all operating plants shall be qualified to the DOR Guidelines or NUREG-0588." The Commission requested the staff to, "keep the Commission and the public apprised of any further findings of incomplete environmental qualification of safety-related electrical equipment, along with corrective actions taken or planned," and requested the staff to provide bi-monthly progress reports to the Commission.

The Commission further directed the staff to add certain documentation requirements to each license after the specific requirements were approved by the Commission. The Commission also pointed out that the various deadlines imposed in its Order, "do not excuse a licensee from the obligation to modify or replace inadequate equipment promptly."

III.

The information developed during this proceeding emphasizes the importance of adequate documentation, the prompt completion of the review of environmental qualification of safety-related electrical equipment, and the prompt completion of any plant modification needed to assure conformance with the DOR Guidelines or NUREG-0588. A significant aspect of this review is the timely submittal of environmental qualification information by the operating plant licensees to enable the staff to complete its review in accordance with the Commission's Order. The staff has a program presently underway to reevaluate, using the DOR Guidelines and NUREG-0588, the qualifications of safety-related electrical equipment exposed

to environments that may exist following postulated accidents. These accidents are Loss of Coolant Accident and Main Steam Line Break inside containment, and High Energy Line Breaks inside and outside containment.

In this connection the licensee was requested by I&E Bulletin 79-01B of January 14, 1980 to provide a detailed review of the environmental qualification of Class 1E electrical equipment. This review was to include all equipment required to function under postulated accident conditions, both inside and outside the primary containment, and recognize all conditions specified in the bulletin. Evidence of qualification together with methods and justification, was requested.

Clarification was provided by supplemental information, briefings, and in some cases, meetings with the licensee. Timely completion of the staff's review of environmental qualification of electrical equipment and timely completion of needed modifications by the licensee is required to provide continuing reasonable assurance of public health and safety. Such completion is dependent on the prompt receipt of a complete response by the licensee to the staff's requests for information. However, the licensee's response, to date, is incomplete.

Therefore, I have concluded that the public health, safety, and interest require that a firm schedule for the timely submission of all the information previously requested by the staff should be established by Order effective immediately.

IV.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS ORDERED THAT EFFECTIVE IMMEDIATELY Facility Operating License No. DPR-49 is hereby amended to add the following provisions:

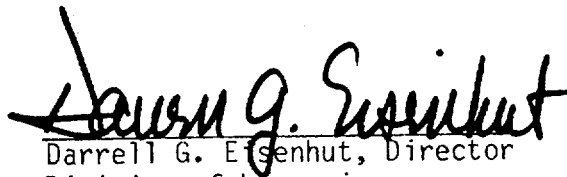
"Information which fully and completely responds to the staff's request as specified in I & E Bulletin 79-01B, shall be submitted to the Director, Region III, Office of Inspection and Enforcement, by the licensee not later than November 1, 1980."

An earlier response is encouraged to facilitate staff review and issuance of the safety evaluation report. The licensee or any person whose interest may be affected by this Order may request a hearing within 20 days of the date of publication of this Revised Order in the Federal Register. Any request for a hearing will not stay the effective date of this Order. Any request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D. C. 20555. A copy of the request should also be sent to the Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, and to Robert Lowenstein, Esquire, Harold F. Reis, Esquire, Lowenstein, Newman, Reis, and Axelrad, 1025 Connecticut Avenue, N.W. Washington, D. C. 20036, attorneys for the licensee.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the license should be modified to require submission of information as set forth in Section IV. of the Order.

Operating of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order. This Order revises, in its entirety, the Order issued August 29, 1980, and published in the Federal Register September 12, 1980, (45 FR 60513).

FOR THE NUCLEAR REGULATORY COMMISSION


Darrell G. Eisenhower, Director
Division of Licensing

Effective Date: September 19, 1980
Bethesda, Maryland