

MAR 13 1974

Docket No. 50-331

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

Gentlemen:

The Atomic Energy Commission has issued Amendment No. 1 to Facility Operating License No. DPR-49 (copy enclosed), which authorizes the licensees to own, possess and use an increased amount of Antimony-124 not to exceed eight sources, each of 1200 curies in sealed sources. This amendment has been issued to correct an error in the number of sources previously authorized for the Duane Arnold Energy Center site. Iowa Electric Light & Power Company previously understood that the standard startup source contained a single 1200 curie Antimony-124 source pin per source holder. However, it has since been learned that four such source holders, each containing two (2) source pins, were delivered to the site and are necessary for startup of the Duane Arnold Energy Center. Therefore, Amendment No. 1 to Facility Operating License No. DPR-49 authorizing possession and use of eight (8) Antimony-124 source pins each not to exceed 1200 curies is necessary. We have determined that this amendment does not present a significant hazards consideration.

A copy of a related notice, which has been forwarded to the Office of the Federal Register for publication, is enclosed for your information.

Sincerely,

Original Signed by

R. C. DeYoung

Richard C. DeYoung, Assistant Director
for Light Water Reactors, Group 1
Directorate of Licensing

Enclosures:

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

cc's: See Next Page

OFFICE ▶	L:LWR 1-2	L:LWR 1-2	L:LWR 1-2	OGC/	L:AD/LWR 1	
SURNAME ▶	MMaillet	Gowsley	WRButler	W. MASSAR	RDeYoung	
DATE ▶	3/13/74	3/13/74	3/13/74	3/13/74	3/13/74	

MAR 13 1974

cc's: Jack R. Newman, Esq.
Harold F. Reis, Esq.
Newman, Reis & Axelrad
1025 Connecticut Avenue, N.W.
Washington, D. C. 20036

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U. S. Atomic Energy Commission
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Document Management Branch
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Oak Ridge, Tennessee 37830

bcc: A. Rosenthal, ASLAB
N. H. Goodrich, ASLBP

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G. Owsley

OFFICE ▶						
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DATE ▶						



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

IOWA ELECTRIC LIGHT AND POWER COMPANY
CENTRAL IOWA POWER COOPERATIVE
CORN BELT POWER COOPERATIVE
DOCKET NO. 50-331
DUANE ARNOLD ENERGY CENTER
FACILITY OPERATING LICENSE

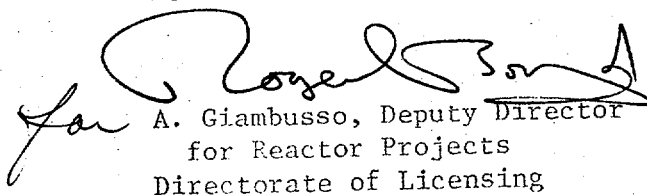
License No. DPR-49
Amendment No. 1

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The application for amendment, dated March 13, 1974, complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations set forth in 10 CFR Chapter 1;
 - B. The facility will operate in conformity with the license, as amended, 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 regulation;
 - D. Prior public notice of proposed issuance of this amendment is not required since the amendment does not present a significant hazards consideration.
2. Accordingly, Facility Operating License No. DPR-49 issued to Iowa Electric Light & Power Company, Central Iowa Power Cooperative and Corn Belt Power Cooperative is hereby amended by revising the following paragraph thereof in its entirety to read:

2.B.(3) (e) Antimony-124, in sealed sources not to exceed eight sources each of 1200 curies

This amendment is effective as of the date of issuance.

FOR THE ATOMIC ENERGY COMMISSION


A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Date of Issuance: **MAR 13 1974**

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-331

IOWA ELECTRIC LIGHT AND POWER COMPANY

CENTRAL IOWA POWER COOPERATIVE

CORN BELT POWER COOPERATIVE

(DUANE ARNOLD ENERGY CENTER)

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

Notice is hereby given that the Atomic Energy Commission (the Commission) has issued Amendment No. 1 to the Facility Operating License No. DPR-49 to the Iowa Electric Light and Power Company, Central Iowa Power Cooperative and Corn Belt Power Cooperative (the licensees). This amendment authorizes the licensees to increase the amount of byproduct material they may receive, possess, and use in connection with operation of the Duane Arnold Energy Center located on the licensees' site near Palo in Linn County, Iowa. The amendment, effective as of the date of issuance, authorizes the receipt, possession and use of an additional four sources for a total of eight sources, each of 1200 curies of Antimony 124 in sealed sources.

The licensees stated, in a letter to the Commission, dated March 13, 1974, that the existence and need for the additional four source pins was discovered subsequent to delivery of the sources to the site. Four source holders, each containing two (2) 1200 curie Antimony-124 source pins, are at the site and are necessary for startup of the Duane Arnold Energy Center. Therefore, Amendment No. 1 to Facility Operating License No. DPR-49 authorizing possession and use of eight (8) Antimony-124 source pins, each not to exceed 1200 curies is necessary.

The Staff's Safety Evaluation Report, upon the basis of which the original license was issued, is based upon the Final Safety Analysis Report which, on Page 3.3-14 of the text and in Figure 7.5.1 describes the correct number of sources for the Duane Arnold Energy Center. Accordingly, the Regulatory staff has determined that this amendment does not present a significant hazards consideration.

The Director of Regulation has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I, which are set forth in the license amendment.

The amendment is effective as of the date of issuance. The licensees' application for amendment, dated March 13, 1974, and a copy of Amendment No. 1 to Facility Operating Licensing No. DPR-49 are available for public inspection at the Commission's Public Document Room at 1717 H Street, N.W., Washington, D. C. 20545, and at the Reference Service, Cedar Rapids Public Library, 426 Third Avenue, S.E., Cedar Rapids, Iowa 52401. Single copies of the amendment may be obtained upon request addressed to the United States Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this 13th day of March, 1974.

FOR THE ATOMIC ENERGY COMMISSION



Walter R. Butler, Chief
Light Water Reactors Project Branch 1-2
Directorate of Licensing

CHECKLIST FOR ISSUANCE OF AMENDMENT
CONSTRUCTION PERMIT OR FACILITY OPERATING LICENSE

APPLICANT Iowa Electric Light & Power Company

DOCKET NO. 50-331

FACILITY Duane Arnold Energy Center

PROJECT MANAGER Gerald Owsley

LICENSING ASSISTANT Madelyn J. Maigret

DATE

Notice of Proposed Issuance Published
In FEDERAL REGISTER
Action Date

March 20, 1974

OR

Order Directing Action

by whom: TEL&P Co. letter requesting Amendment

Issuance Package: OGC Concurrence

1. License Amendment
2. FEDERAL REGISTER Notice
3. Staff Evaluation
4. Letter to applicant

NO CHANGE IN POWER LEVEL

March 13, 1974

3/13/74

3/13/74

3/13/74

3/13/74

For Amendments Affecting Power Level:

RO Notification and/or Concurrence

OAI Notification and/or Concurrence

Bus. Mgmt-OA Notification and/or Concurrence

OIS Notification