



Duane Arnold Energy Center
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August 8, 1995
NG-95-2482

Mr. William T. Russell, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-37
Washington, DC 20555-0001

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Operating License Revision Request

File: A-105, A-102

Dear Mr. Russell:

This letter requests revision to the Duane Arnold Energy Center (DAEC) Operating License (OL).

As discussed with your staff, DAEC OL paragraph 2.C. (4) reads as follows:

"The licensee is authorized to operate the Duane Arnold Energy Center following installation of modified safe-ends on the eight primary recirculation system inlet lines which are described in the application for amendment specified in paragraph 1 above."

This does not, however, appear to be a reference to paragraph 2.C. (1) which does not specify an application for amendment. Paragraph 2.C. (1) reads:

"IES Utilities Inc. is authorized to operate the Duane Arnold Energy Center at steady state reactor core power levels not in excess of 1658 megawatts (thermal)."

Upon further examination, it appears the reference is to paragraph 1, section A of Amendment No. 47 issued by the Commission. This paragraph reads:

The application for amendment by the licensee "... comprising a letter dated July 31, 1978 as supplemented by letter dated December 8, 1978, 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"

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An IES Industries Company

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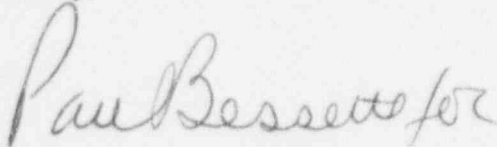
Paragraph 2.C. (4) of the Operating License was taken out of context from Amendment No. 47 and is insufficient. We propose paragraph 2.C. (4) be amended to read:

"The licensee is authorized to operate the Duane Arnold Energy Center following installation of modified safe-ends on the eight primary recirculation system inlet lines which are described in licensee letter dated July 31, 1978 as supplemented by letter dated December 8, 1978."

We request you revise paragraph 2.C. (4) upon the next revision of the DAEC Operating License.

Should you have any questions regarding this matter, please contact this office.

Sincerely,



Keith D. Young
Manager, Nuclear Licensing

KDY/LBS/smz
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Attachment: Proposed Duane Arnold Energy Center Operating License

cc: L. B. Swenzinski
L. Liu
B. Fisher
L. Root
J. Franz
G. Kelly (NRC-NRR)
H. J. Miller (Region III)
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NRC Resident Office
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IES UTILITIES INC.
CENTRAL IOWA POWER COOPERATIVE
CORN BELT POWER COOPERATIVE
DOCKET 50-331
DUANE ARNOLD ENERGY CENTER
FACILITY OPERATING LICENSE

License No. DPR-49

1. The Atomic Energy Commission (the Commission) having found that:

Revision to OL
Amendment # 198

- A. The application for license filed by IES Utilities Inc, Central Iowa Power Cooperative and Corn Belt Power Cooperative (the licensees) 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 and all required notifications to other agencies or bodies have been duly made;
- B. Construction of the Duane Arnold Energy Center (facility) has been substantially completed in conformity with Construction Permit No. DPPR-70; the application, as amended; the provisions of the Act; and the rules and regulations of the Commission;
- C. The facility will operate in conformity with the application, as amended: the provisions of the Act; and the rules and regulations of the Commission;
- D. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public; and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
- E. IES Utilities Inc. is technically qualified and the licensees are financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;
- F. The licensees have satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements", of the Commission's regulations;
- G. The issuance of this operating license will not be inimical to the common defense and security or to the health and safety of the public;

Revision to OL
Amendment #198

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- H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of Facility Operating License No. DPR-49 is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied;
- I. The receipt, possession, and use of source, by-product and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Part 30 and 70, including 10 CFR Section 30.33, 70.23 and 70.31.

Revision to OL
Amendment #198

2. Facility Operating License No. DPR-49 is hereby issued to IES Utilities Inc. (IES), Central Iowa Power Cooperative (CIPCO) and Corn Belt Power Cooperative (Corn Belt) to read as follows:

Revision to OL
Amendment #198

- A. This license applies to the Duane Arnold Energy Center, a boiling water reactor and associated equipment (the facility), owned by the licensees and operated by IES Utilities Inc. The facility is located on the licensees' site near Palo in Linn County, Iowa. This site consists of approximately 500 acres adjacent to the Cedar River and is described in the "Final Safety Analysis Report" as supplemented and amended (Supplements 1 through 14) and the Environmental Report as supplemented and amended (Supplements 1 through 5).
- B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:

Revision to OL
Amendment #198

- (1) IES Utilities Inc., pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility; and CIPCO and Corn Belt to possess the facility at the designated location in Linn County, Iowa, in accordance with the procedures and limitations set forth in this license;

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Revisions to OL:
Amendment #198
Amendment #195
Amendment #45
Amendment #9

- (2) IES Utilities Inc., pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Updated Final Safety Analysis Report, as supplemented and amended as of June 1992 and as supplemented by letter dated March 26, 1993;

Revisions to OL
Amendment #198
Amendment #9

- (3) IES Utilities Inc., pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;

Revisions to OL
Amendment #198
Amendment #195
Amendment #176
Amendment #9

- (4) IES Utilities Inc., pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated radioactive apparatus components;

Revisions to OL
Amendment #198
Amendment #176
Amendment # 9

- (5) IES Utilities Inc., pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not to separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

Revision to OL
Amendment #9

- C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

Revision to OL
Amendment #198

- (1) Maximum Power Level

IES Utilities Inc. is authorized to operate the Duane Arnold Energy Center at steady state reactor core power levels not in excess of 1658 megawatts (thermal).

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Revision to OL
Amendment #212

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 212, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

Revisions to OL
Amendment #198
Amendment #190
Amendment #63
Amendment #43

(3) Fire Protection

IES Utilities Inc. shall implement and maintain in effect all provisions of the approved fire protection program as described in the Final Safety Analysis Report for the Duane Arnold Energy Center and as approved in the SER dated June 1, 1978 and Supplement dated February 10, 1981, subject to the following provision:

Revision to OL
Amendment #190

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

Added to OL
Amendment #47
Revision to OL
Amendment #_____

(4) The licensee is authorized to operate the Duane Arnold Energy Center following installation of modified safe-ends on the eight primary recirculation system inlet lines which are described in licensee letter dated July 31, 1978 as supplemented by letter dated December 8, 1978.

Added to OL
Amendment #50
Revisions to OL
Amendment #152
Amendment #112
Amendment #74
Amendment #65

(5) Physical Protection

The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Duane Arnold Energy Center Security Plan," with revisions submitted through December 17, 1987; "Duane Arnold Energy Center Guard Training and Qualification Plan," with revisions submitted through October 18, 1985; and "Duane Arnold Energy Center Safeguards Contingency Plan," with revisions

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submitted through December 5, 1986.
Changes made in accordance
with 10 CFR 73.55 shall be implemented in
accordance with the schedule set forth
therein.

Revision to OL
Amendment #164

D. This license is effective as of the date of
issuance and shall expire at midnight on February 21,
2014.

FOR THE ATOMIC ENERGY COMMISSION

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

Added to OL
Amendment #177

Attachments:
Appendix A - Technical Specifications

Date of Issuance: February 22, 1974