

May 31, 1995

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Mr. Lee Liu
 Chairman of the Board and
 Chief Executive Officer
 IES Utilities Inc.
 Post Office Box 351
 Cedar Rapids, IA 52406

SUBJECT: AMENDMENT NO. 211 TO FACILITY OPERATING LICENSE NO. DPR-49 - DUANE
 ARNOLD ENERGY CENTER (TAC NO. M91921)

Dear Mr. Liu:

The Commission has issued the enclosed Amendment No. 211 to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center (DAEC). This amendment consists of changes to the Technical Specifications (TS) in response to your application dated March 10, 1995.

The amendment deletes TS Sections 3.7/4.7.H.3 to eliminate redundant Limiting Conditions for Operation and Surveillance Requirements for the containment hydrogen and oxygen analyzers.

A copy of the related Safety Evaluation is also enclosed. Notice of issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

ORIGINAL SIGNED BY:

Glenn B. Kelly, Project Manager
 Project Directorate III-3
 Division of Reactor Projects III/IV
 Office of Nuclear Reactor Regulation

Docket No. 50-331

- Enclosures: 1. Amendment No.211 to License No. DPR-49
 2. Safety Evaluation

cc w/encls: See next page

DOCUMENT NAME: G:\DUANEARN\DUA91921.AMD

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 31, 1995

Mr. Lee Liu
Chairman of the Board and
Chief Executive Officer
IES Utilities Inc.
Post Office Box 351
Cedar Rapids, IA 52406

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Sincerely,

A handwritten signature in cursive script that reads "Glenn B. Kelly".

Glenn B. Kelly, Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-331

Enclosures: 1. Amendment No. 211 to
License No. DPR-49
2. Safety Evaluation

cc w/encls: See next page

Mr. Lee Liu
IES Utilities Inc.

Duane Arnold Energy Center

cc:

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

IES UTILITIES INC.

CENTRAL IOWA POWER COOPERATIVE

CORN BELT POWER COOPERATIVE

DOCKET NO. 50-331

DUANE ARNOLD ENERGY CENTER

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 211
License No. DPR-49

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by IES Utilities Inc., et al., dated March 10, 1995, 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:

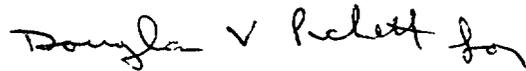
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(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 211, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of the date of issuance and shall be implemented within 60 days of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Gail H. Marcus, Project Director
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical
Specifications

Date of issuance: May 31, 1995

ATTACHMENT TO LICENSE AMENDMENT NO. 211

FACILITY OPERATING LICENSE NO. DPR-49

DOCKET NO. 50-331

Replace the following page of the Appendix A Technical Specifications with the enclosed page. The revised areas are indicated by vertical lines.

Remove

3.7-15

Insert

3.7-15

LIMITING CONDITIONS FOR OPERATION

- H. Containment Atmosphere Dilution
1. Whenever the reactor is in power operation and the primary containment is required to be inerted per TS Section 3.7.I.1, the Post-LOCA Containment Atmosphere Dilution System must be OPERABLE and capable of supplying nitrogen to the containment for atmosphere dilution if required by post-LOCA conditions. If this specification cannot be met, the system must be restored to an operable condition within 7 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
 2. Whenever the reactor is in power operation, the Post-LOCA Containment Atmosphere Dilution System shall contain a minimum of 50,000 scf of N₂ as determined by pressure and temperature measurements. If this specification cannot be met, the minimum volume will be restored within 7 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

SURVEILLANCE REQUIREMENTS

- H. Containment Atmosphere Dilution
1. The Post-LOCA Containment Atmosphere Dilution System shall be functionally tested annually.
 2. The volume in the N₂ storage bank shall be recorded weekly.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 211 TO FACILITY OPERATING LICENSE NO. DPR-49

IES UTILITIES INC.

CENTRAL IOWA POWER COOPERATIVE

CORN BELT POWER COOPERATIVE

DUANE ARNOLD ENERGY CENTER

DOCKET NO. 50-331

1.0 INTRODUCTION

By letter dated March 10, 1995, IES Utilities Inc. submitted a request for revision of the Technical Specifications (TS) for the Duane Arnold Energy Center (DAEC). The proposed changes remove redundant requirements for containment hydrogen and oxygen analyzers. Surveillance Requirements cited in TS Section 4.7.H.3 are redundant to the requirements of Table 4.2-H in the DAEC TS. Table 4.2-H requires a semiannual test of the containment hydrogen and oxygen analyzers. This duplicates and exceeds the requirement for an annual functional test required in TS Section 4.7.H.3. TS Section 3.7.H.3 refers directly to Table 3.2-H for Limiting Conditions for Operation. Therefore, deleting TS Sections 3.7/4.7.H.3 will eliminate redundant requirements without reducing the frequency of equipment testing or changing the applicable Limiting Conditions for Operation. These changes are consistent with the BWR/4 Draft Improved Technical Specifications, NUREG-1433.

2.0 EVALUATION

The proposed change in the DAEC TS removes redundant Limiting Conditions for Operation and Surveillance Requirements for the containment hydrogen and oxygen analyzers. This change does not reduce the frequency or modify the type of testing of equipment. Based on this information, the staff finds the proposed changes to the DAEC TS acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Iowa State official was notified of the proposed issuance of the amendment. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATIONS

This amendment changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 or changes a surveillance requirement. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluent that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding (60 FR 20518). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

5.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: Glenn B. Kelly

Date: May 31, 1995