

November 2, 1994

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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. 202 TO FACILITY OPERATING LICENSE NO. DPR-49 - DUANE
ARNOLD ENERGY CENTER (TAC NO. M89837)

Dear Mr. Liu:

The Commission has issued the enclosed Amendment No. 202 to Facility Operating License No. DPR-49 for the Duane Arnold Energy Center. This amendment consists of changes to the Technical Specifications in response to your application dated June 30, 1994.

The amendment revises the Technical Specifications to clarify the requirement for the audit conformance to Technical Specifications, delete the requirement for Safety Committee oversight of audits of the Emergency Plan and Security Plan and allow designation of signature authority by the Plant Superintendent-Nuclear for procedure approval.

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 Anthony H. Hsia
Anthony H. Hsia, 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. 202 to
License No. DPR-49
2. Safety Evaluation

cc w/encs: See next page

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DATE	10/12/94		10/17/94		10/13/94		10/14/94		11/1/94	

OFFICE	OGC									
NAME	E Greenman									
DATE	10/12/94									

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 2, 1994

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

A handwritten signature in black ink, reading "Anthony H. Hsia", is positioned above the typed name.

Anthony H. Hsia, Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-331

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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. 202
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 June 30, 1994, 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:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 202, 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



Anthony H. Hsia, Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical
Specifications

Date of issuance: November 2, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 202

FACILITY OPERATING LICENSE NO. DPR-49

DOCKET NO. 50-331

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

Remove
6.5-8
6.8-2

Insert
6.5-8
6.8-2

DAEC-1

8. Procedures required by the plant Security Plan.
9. Operation of radioactive waste systems.
10. Fire Protection Program implementation.
11. A preventive maintenance and periodic visual examination program to reduce leakage from systems outside containment that would or could contain highly radioactive fluids during a serious transient to as low as practical levels. This program shall also include provisions for performance of periodic systems leak tests of each system once per OPERATING CYCLE.
12. Program to ensure the capability to accurately determine the airborne iodine concentration in vital areas under accident conditions, including training of personnel, procedures for monitoring and provisions for maintenance of sampling and analysis equipment.
13. Administrative procedures for shift overtime for Operations personnel to be consistent with the Commission's June 15, 1982 policy statement.
14. OFFSITE DOSE ASSESSMENT MANUAL.
15. PROCESS CONTROL PROGRAM.
16. Quality Control Program for effluents.

6.8.2 Procedures described in 6.8.1 above, and changes thereto, shall be reviewed by the Operations Committee as indicated in Specification 6.5.1.6 and approved by the Plant Superintendent-Nuclear or designee prior to implementation, except as provided in 6.8.3 below.

6.8.3 Temporary minor changes to procedures described in 6.8.1 above which do not change the intent of the original procedure may be made with the concurrence of two members of the plant management staff, at least one of whom shall hold a senior operator license. Such changes shall be documented and promptly reviewed by the Operations Committee and by the Plant Superintendent-Nuclear or designee. Subsequent incorporation, if necessary, as a permanent change, shall be in accord with 6.8.2 above.

6.8.2

DAEC-1

- i. Reports and meeting minutes of the Operations Committee.

6.5.2.8 Audits

Audits of facility activities shall be performed under the cognizance of the Safety Committee. These audits shall encompass:

- a. The conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once per 12 months.
- b. The performance, training and qualifications of the facility staff at least once per 24 months.
- c. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least once per six months.
- d. The performance of activities required by the Quality Assurance Program to meet the criteria of Appendix "B", 10CFR50, at least once per 24 months.
- e. Deleted
- f. Deleted



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 202 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 application dated June 30, 1994, IES Utilities Inc., requested changes to the Duane Arnold Energy Center (DAEC) Technical Specifications (TS). The requested change is to modify Technical Specifications 6.5.2.8 which discusses audits of facility activities that are under the cognizance of the Safety Committee. The proposed change would remove the requirement for Safety Committee involvement in audits for the emergency and security plans from the TS that duplicate the provisions in Parts 50 and 73 of Title 10 of the Code of Federal Regulations (10 CFR). The NRC issued guidance to all holders of operating licenses for nuclear power reactors on the proposed change by Generic Letter (GL) 93-07, "Modification of Technical Specification Administrative Control Requirements for Emergency and Security Plans" dated December 28, 1993.

The requested changes to the DAEC Technical Specifications also clarify the Safety Committee Audit requirements and add a provision for the plant Superintendent-Nuclear designation of signature authority for approval of plant procedures.

2.0 EVALUATION

The licensee proposed modifying TS 6.5.2.8 by removing items e. and f., which reference the emergency and security plans, respectively, and their implementing procedures under the audit responsibilities of the Safety Committee, which are to be performed at least once every 12 months. This proposed TS change eliminates TS provisions that duplicate the requirements in 10 CFR Parts 50 and 73 and is consistent with the NRC guidance set forth in GL 93-07. The staff has concluded that relocation of audit responsibilities of the Safety Committee is acceptable because (1) their inclusion in Technical Specifications is not specifically required by 10 CFR 50.36 or other regulations, (2) the audit responsibilities of the Safety Committee are not required to avert an immediate threat to the public health and safety, and (3) changes that are deemed to involve a decrease in effectiveness of security or emergency plans will require prior NRC approval, in accordance with 10 CFR 50.54.

The licensee also proposed changes in TS 6.8.2 and 6.8.3 to allow the Plant Superintendent-Nuclear to designate signatory authority for procedure approval. The proposed allowance for designation of authority for procedural approval will relieve the Plant Superintendent-Nuclear of the burden of approving all plant procedural changes.

In addition, the licensee proposed changes to paragraph 6.5.2.8.a, b, c, and d, to clarify these requirements and make them consistent with Regulatory Guide 1.33.

The proposed change to capitalize the term OPERATING CYCLE in paragraph 6.8.1.11 is editorial, and is consistent with the BWR/4 Draft Improved Technical Specification, NUREG-1433.

Therefore, the staff finds that these proposed TS changes for DAEC are 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 CONSIDERATION

The amendment relates to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). 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 Commission 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 Contributors: Thomas G. Dunning
Joseph M. Sebrosky

Date: November 2, 1994