



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 110 TO LICENSE NO. DPR-49

IOWA ELECTRIC LIGHT AND POWER COMPANY  
CENTRAL IOWA POWER COOPERATIVE  
CORN BELT POWER COOPERATIVE

DUANE ARNOLD ENERGY CENTER

DOCKET NO. 50-331

1.0 Introduction

By letter dated October 5, 1984, the Iowa Electric Light and Power Company (the licensee) proposed changes to the Duane Arnold Energy Center (DAEC) Technical Specifications to incorporate changes resulting from the licensee's commitment to modify the (DAEC) automatic depressurization system (ADS) logic. The present ADS configuration will require manual actuation of the ADS in accidents which do not involve a high containment pressure. The proposed change would require automatic actuation of the ADS without the presence of containment high pressure. A manual switch is provided to permit the operators to override the automatic ADS actuation if the operators determine that ADS actuation is not needed. The proposed request will add the testing requirement for the manual override switch to the Technical Specifications. The operation of the facility in the proposed manner would result in automatic initiation of the blowdown where manual blowdown was permitted by the plant configurations, and would require testing (during surveillance) of the manual override switches to be added to the Technical Specifications.

2.0 Evaluation

By a letter dated June 6, 1984, the NRC staff informed the licensee that its commitments to modify ADS actuation logic satisfied the requirements of TMI Action Item II.K.3.18, and were acceptable. Subsequently, by a letter dated October 5, 1984, the licensee proposed Technical Specification changes which account for the committed modifications for the ADS actuation and manual override. The licensee has indicated that the proposed modifications are planned for the forthcoming refueling outage commencing in February 1985. We have reviewed the licensee's request and find that the inclusion of the automatic actuation of ADS and the surveillance of manual override switch in the Technical Specifications is consistent with the objectives of the Action Item II.K.3.18. We therefore find that the proposed changes are acceptable.

3.0 Environmental Considerations

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20.

The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents 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 this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(2). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

#### 4.0 Conclusion

We have 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, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

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Dated: February 1, 1985