



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 110 TO FACILITY OPERATING LICENSE NO. DPR-29  
AND AMENDMENT NO. 106 TO FACILITY OPERATING LICENSE NO. DPR-30  
COMMONWEALTH EDISON COMPANY  
AND  
IOWA-ILLINOIS GAS AND ELECTRIC COMPANY  
QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2  
DOCKET NOS. 50-254 AND 50-265

1.0 INTRODUCTION

In a letter dated December 22, 1987, Commonwealth Edison Company (the licensee), submitted an application for license amendments to change the Technical Specifications (TS) for the Quad-Cities Nuclear Power Station (QCNS). These amendment requests proposed revising TS 3.2.D.3 to change the refueling floor radiation monitors trip set point from 100 mR/hr to  $< 100$  mR/hr, and TS 6.2.C.1 to upgrade the highest level of authorization (to the Assistant Superintendent level) for approving all procedures identified in TS 6.2.A and 6.2.B.

During the course of our review, the staff referred to Title 10 of the Code of Federal Regulations - Chapter I, and the Technical Specifications for QCNS, Units 1 and 2.

2.0 EVALUATION

Proposed amendments to TS 3.2.D.3 would change the trip setpoint for the refueling floor radiation monitors from 100 mR/hr to  $< 100$  mR/hr. This change is consistent with the general philosophy of prescribing TS setpoints in terms of a limiting value rather than an absolute value. The use of a limiting value permits a setpoint margin to be established for accommodating instrument drift and calibration uncertainties. This provides assurance that the limiting value will not be exceeded. The staff has reviewed this change and concurs there is no adverse impact on safety. Therefore, this proposed change is acceptable. Proposed amendments to TS 6.2.C.1 raise the highest level of authorization for procedures, and changes to all procedures, identified in TS 6.2.A. and 6.2.B to the Assistant Superintendent level. Current TS requirements for review and approval varied the level of authorization dependent upon procedure type. This proposed change would provide a consistent level of authorization for approving procedures, and their changes, for all procedures identified by TS 6.2.A and 6.2.B. The staff determined this change is administrative in nature, has no adverse impact on safety, and, therefore, is acceptable.

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### 3.0 ENVIRONMENTAL CONSIDERATION

The amendment to TS 3.2.D.3 involves a change to the requirements for use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined this 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 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 meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). The amendment to TS 6.2.C.1 concerns administrative procedures and, therefore, is eligible for categorical exclusion under 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement nor environmental assessment need be prepared in connection with the issuance of these amendments.

### 4.0 CONCLUSION

The staff concluded, based upon 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 these amendments will not be inimical to the common defense and security nor to the health and safety of the public.

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Dated: June 30, 1988