

SAFETY EVALUATION  
AMENDMENT NO. 3 TO NPF-18  
LA SALLE COUNTY STATION, UNIT 2  
DOCKET NO. 50-374

Introduction

By letter dated May 24, 1984, Commonwealth Edison Company (licensee) proposed an amendment that would change the La Salle County Station, Unit 2 Technical Specifications to include a previously approved reactor trip setting on low control rod drive pump discharge water header pressure and delete an associated surveillance requirement. The proposed Technical Specification change is in accordance with the setpoints and conditions as discussed in Section 7.2.3.2 of Supplement No. 7 to the Safety Evaluation Report.

Evaluation

In response to a concern that the control rod drive accumulators do not maintain adequate pressure for a period of time compatible with operator action when the reactor is at less than operating pressure, the licensee proposed installation of an automatic reactor trip that would scram the control rods in the event of low control rod drive pump discharge pressure. This scram would be operational by the mode switch. This modification to the La Salle design was evaluated and approved by the NRC staff in Section 4.6.2 of Supplement No. 2 and Section 7.2.3.2 of Supplement No. 7 to the Safety Evaluation Report, and accordingly, a license condition was included in the license for its completion.

We have reviewed the Technical Specification limiting condition for operations and surveillance requirements for the proposed reactor trip instrumentation (Tables 3.3.1-1 and 4.3.1.1-1) and conclude that they are acceptable. The reactor trip on low control rod drive pump discharge water header pressure has been designed and is being installed in La Salle, Unit 2. The licensee also requested the deletion of surveillance requirement 4.1.3.5.b.2, which verifies that each accumulator maintains its pressure above the alarm setpoint for at least 10 minutes. This surveillance requirement will no longer be needed to insure that the reactor can be scrammed when the new trip is installed. Therefore, based upon our evaluations, we have determined that the Technical Specification changes, for addition of the reactor trip on low control rod drive pump discharge pressure and deletion of the surveillance requirement on accumulator pressure, are acceptable. Accordingly, we find that the licensee has complied with the condition set forth in license condition 2.C.(7) and that license condition 2.C.(7) be deleted.

Environmental Consideration

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 Sec 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 this amendment.

#### 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.

Dated: July 24, 1984