



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 2 TO FACILITY OPERATING LICENSE NO. NPF-62

ILLINOIS POWER COMPANY, ET AL

CLINTON POWER STATION, UNIT 1

DOCKET NO. 50-461

1.0 INTRODUCTION

By letter dated October 30, 1987 the Illinois Power Company (IP), et al (the licensees) requested an amendment to Facility Operating License No. NPF-62 for the Clinton Power Station, Unit 1. The proposed amendment would allow for a plant modification to add test connections upstream of certain excess flow check valves in order to facilitate the testing of these valves as required by Technical Specification 4.6.4.4. The new test connections to be added would contain isolation valves which must be added to the Test Connections, Vents and Drains section of Table 3.6.4-1. In order to ensure compliance with the Technical Specifications, and yet provide some flexibility in the schedule for completing the modification, IP has proposed that footnotes be added to pages 3/4 6-29 and 3/4 6-61 to allow the proposed Technical Specification changes to become effective once the modification is complete. At that time, the OPERABILITY requirements and provisions of the Technical Specifications would be in effect for the subject valves.

2.0 EVALUATION

Technical Specification 4.6.4.4 requires that each instrument line excess flow check valve shown in Table 3.6.4-1 shall be demonstrated OPERABLE at least once per 18 months by verifying that the valve actuates within

8803290332 880321
PDR ADOCK 05000461
P PDR

the differential pressure range provided. The licensees have proposed a plant modification to add test connections upstream of certain excess flow check valves (1CM002B, 1SM008, 1SM011, 1E22-F332, and 1E51-F377B) in order to facilitate the required testing of these valves. These tests are required to verify the capability of the excess flow check valves to check the flow at a particular differential pressure assumed for accident conditions.

These added test connections are double-valved, capped, and meet the applicable design/safety requirements to ensure containment integrity. The addition of these test connections does not affect the functional characteristics of the excess flow check valves and therefore does not affect operation of the associated systems. Since these new test connections contain isolation valves, these valves must be added to the Test Connections, Vents and Drains section of Table 3.6.4-1 in the Technical Specifications. Adding the valves to Table 3.6.4-1 also makes all of the applicable Technical Specification requirements associated with containment integrity applicable to the new valves. Thus, the proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated.

It has been determined that the proposed change does not create the possibility of a new or different kind of accident from those previously evaluated. It has also been determined that the proposed change does not involve a significant reduction in a margin of safety since it does not involve a change to any trip setpoints, analytical valves, or design limits required or assumed in any safety analysis.

3.0 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. We have determined that the amendment involves no significant increase in the amounts, and no significant changes 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)(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.

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.

Principal Contributor: Janice A. Stevens, NRR/PDIII-2

Dated: March 21, 1988