

SAFETY EVALUATION REPORT
PRAIRIE ISLAND NUCLEAR GENERATING PLANT - UNITS 1 & 2
LICENSEE RESPONSE TO I&E BULLETIN 80-06,
ENGINEERED SAFETY FEATURES (ESF) RESET CONTROLS

INTRODUCTION

Instances have been reported at operating nuclear power plants where it had been found that following the reset of an ESF actuated signal, certain equipment (e.g., ventilation dampers, motors, and valves) would return to its normal mode which could compromise the protective actions of the affected systems. As a result, on March 13, 1980 the NRC issued I&E Bulletin 80-06 requesting certain actions to be taken by licensees for all PWR and BWR facilities with operating licenses.

EVALUATION

The enclosed report (EGG 1183-4183) was prepared for us by E G & G, Inc., San Ramon, California as part of our technical assistance contractor program. It provides their technical evaluation of the licensee's response to I&E Bulletin 80-06 in accordance with NRC-provided guidance.

For all safety systems, E G & G concluded that safety-related equipment remains in its emergency mode upon reset of the safety signals. Further, the licensee committed to test these systems at the next refueling outage, scheduled for Unit 1 in August/September 1980 and for Unit 2 in February/March 1981, to demonstrate compliance. Therefore, E G & G found the plant to satisfy the requirements of I&E Bulletin 80-06.

CONCLUSION

Based on the information and documents provided by the licensee, and on our review of the contractor's report, we conclude that the licensee has satisfied the concerns of I&E Bulletin 80-06, subject to the successful completion of confirmatory testing. Therefore, we find the Prairie Island ESF reset controls in compliance with NRC criteria.