



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 18 TO FACILITY OPERATING LICENSE NO. DPR-18

ROCHESTER GAS AND ELECTRIC CORPORATION

R. E. GINNA NUCLEAR POWER PLANT

DOCKET NO. 50-244

INTRODUCTION

By letter dated February 12, 1986, the Rochester Gas and Electric Corporation (RG&E or the licensee) submitted a proposed license amendment for Facility Operating License No. DPR-18 for the R. E. Ginna Nuclear Power Plant (the facility). The Amendment deletes a Technical Specification (TS) operability requirement for smoke detection instrumentation for a fire detection zone that has been removed due to a plant modification.

EVALUATION

As a direct result of post-TMI lessons learned, a new plant process computer system (PPCS) has been installed at Ginna. The PPCS is necessary to support the new Safety Assessment System required by NUREG-0737, "Clarification of TMI Action Plan Requirements." As a result of the PPCS installation, a raised floor in the computer room was removed and wires under this floor were relocated. There was an instrumented fire detection zone under the raised floor that is no longer needed. This fire zone was used to actuate the Halon Fire Suppression System. Modifications made to the room to accommodate the PPCS result in the Halon system being actuated by the ceiling zone. Prior to the modification the ceiling zone was used only to actuate an alarm. It is no longer needed to list the former under floor detectors in the TS.

The modifications were reviewed by our contractor the Idaho National Engineering Laboratory (INEL). INEL evaluated the licensee's submittal against the requirements of 10 CFR 50.48, Fire Protection, including Appendix R of the Rule, and the National Fire Protection Associations National Fire Code, NFPA 12A Standard for "Halon 1301 Fire Extinguishing Systems, 1985." INEL in their report, EGG-NTA-7266, dated May 1986 in Section 4, "Conclusion", stated:

"It's concluded that the modification of the PPCS Computer Room at the Ginna Plant of Rochester Gas and Electric Corporation (RG&E) will not decrease the fire protection of this room in any way. If anything, it will shorten the response time of the Fire Suppression System."

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Based on the above, we conclude that the use of the ceiling zone in place of the former under floor zone is acceptable and that as a result the TS operability requirements for the removed floor zone detectors are no longer needed.

#### ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a requirement with respect to 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)(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

The staff has 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.

#### ACKNOWLEDGEMENT

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