



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 34 TO PROVISIONAL OPERATING LICENSE NO. DPR-18  
ROCHESTER GAS AND ELECTRIC CORPORATION  
R. E. GINNA NUCLEAR POWER PLANT  
DOCKET NO. 50-244

INTRODUCTION

By application dated January 24, 1977 (transmitted by letter dated February 1, 1977), as superseded by submittals dated July 28, 1978 (transmitted by letter dated August 10, 1978), and May 8, 1979, Rochester Gas and Electric Corporation (the licensee) requested an amendment to the Technical Specifications of Appendix A to Provisional Operating License No. DPR-18 for R. E. Ginna Nuclear Power Plant. The proposed amendment would approve changes to Sections 3.3, 3.11, 4.5 and 4.11 and the addition of 3.3.5 to Section 3.3 of the Technical Specifications. The proposed Technical Specifications would add limiting conditions for operation (Section 3.3) and change the surveillance requirements (Section 4.5) for the engineered safety feature (ESF) ventilation filter systems, and add limiting conditions for fuel handling operations (Section 3.11) along with surveillance requirements (Section 4.11) for the spent fuel pool ventilation charcoal filter system.

We have reviewed and evaluated these proposed changes and additions. The results of our evaluation is based on the model Technical Specification for engineered safety feature ventilation filter systems for operating nuclear reactors and with Positions C.5 (in-place testing criteria) and C.6 (laboratory testing criteria for activated charcoal) of Regulatory Guide 1.52 (Revision 2), "Design, Testing and Maintenance Criteria for Atmospheric Cleanup System Air Filtration and Adsorption Units of Light-Water-Cooled Nuclear Power Plants".

EVALUATION

The licensee proposed to revise Subsection 3.3.2, "Containment Cooling and Iodine Removal", to the existing Technical Specifications. This specification applies to the operability of the fan cooler units and the associated post accident charcoal filter units. The proposed specification and its bases are consistent with the model Technical Specifications and based for ESF air filter systems. We conclude that the proposed specification and bases are acceptable.

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The licensee proposed to add Subsection 3.3.5, "Control Room Emergency Air Treatment System", to the existing Technical Specifications. This specification applies criteria to the operability of the Control Room Emergency Air Treatment System. The proposed specification and its bases are consistent with the model Technical Specifications and bases for ESF air filter systems. We conclude that the proposed specification and the bases are acceptable.

The licensee removed the air flow and charcoal adsorber test specifications from Section 3.11 and revised Section 4.11 titled, "Spent Fuel Pit Charcoal Adsorber Testing", to include the modified specifications from Section 3.11. The proposed Technical Specification is consistent with the model Technical Specifications for ESF ventilation filter systems and Positions C.5 and C.6 of Regulatory Guide 1.52, except that the specifications for testing air heaters were deleted. Heaters for humidity control on the filter systems are not installed at R. E. Ginna Nuclear Power Plant since design parameters do not require them at this facility. The laboratory testing condition for the installed charcoal filter is established to be representative of the accident conditions. Our evaluation of this filter system was based on the assumption that the relative humidity would not be controlled. We agree with the licensee that there is no need for air heaters in this filter system. Accordingly, we conclude that the deletion of the Technical Specifications for testing air heaters is acceptable. However, we require that the circuit in the spent fuel pit be operated 15 minutes every month. With the inclusion of this specification in Section 4.11, we conclude that the proposed Technical Specification for the system is acceptable.

The licensee proposed to revise Subsection 4.5.2.3, "Air Filtration System", to the existing Technical Specifications. This specification applies to the testing of the containment fan cooler units and associated post accident charcoal filter units and to the Control Room Emergency Air Treatment System. The proposed Technical Specifications are consistent with the model Technical Specifications for ESF ventilation filter systems and Positions C.5 and C.6 of Regulatory Guide 1.52, except that the specifications for testing air heaters were deleted. Heaters for humidity control on the filter systems are not installed at R. E. Ginna Nuclear Power Plant since design parameters do not require them at this facility. The laboratory testing conditions for the installed charcoal filter conditions are established to be representative of the accident conditions. Our evaluation of these filter systems is based upon the assumption that the relative humidity would not be controlled. We agree with the licensee that there is no need for air heaters in these filter systems. Accordingly, we conclude that inclusion of Technical Specifications



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for testing air heaters is not required and that the proposed Technical Specifications for the containment fan cooler units and associated post accident charcoal filter units and Control Room Emergency Air Treatment System is acceptable.

#### ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

#### CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner and (3) 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.

Date: July 14, 1980



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