

August 18, 1986

Docket No. 50-244

Mr. Roger W. Kober, Vice President  
Electric and Steam Production  
Rochester Gas & Electric Corporation  
89 East Avenue  
Rochester, New York 14649

Dear Mr. Kober:

The Commission has issued the enclosed Amendment No. 18 to Facility Operating License No. DPR-18 for the R. E. Ginna Nuclear Power Plant. This amendment is in response to your application dated February 12, 1986.

The amendment deletes a Technical Specification operability requirement for smoke detection instrumentation for a fire detection zone that is being removed due to a plant modification. This action closes out our TAC No. 60800.

A copy of our related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's next regular biweekly Federal Register notice.

Sincerely,

*MS*

Morton B. Fairtile, Project Manager  
Project Directorate #1  
Division of PWR Licensing-A

Enclosures:

1. Amendment No. 18 to License No. DPR-18
2. Safety Evaluation

cc w/enclosures:  
See next page

\*SEE PREVIOUS CONCURRENCE

Office: LA/PAD#1:DPLA  
Surname: PShuttleworth  
Date: *08/18/86*

PM/PAD#1:DPLA  
\*MFairtile/  
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OELD *W. Shields*  
07/12/86

*PTD for*  
PD/PAD#1  
GLear  
08/18/86

*S. West*  
*08/18/86*

Mr. Roger W. Kober  
Rochester Gas and Electric Corporation

R. E. Ginna Nuclear Power Plant

cc:

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

ROCHESTER GAS AND ELECTRIC CORPORATION

DOCKET NO. 50-244

R. E. GINNA NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 18  
License No. DPR-18

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Rochester Gas and Electric Corporation (the licensee) dated February 12, 1986 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility Operating License No. DPR-18 is hereby amended to read as follows:

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P PDR

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No.18 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

*Morton B. Fairtile*

Morton B. Fairtile, Project Manager  
Project Directorate #1  
Division of PWR Licensing-A

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: August 18, 1986

ATTACHMENT TO LICENSE AMENDMENT NO.18

FACILITY OPERATING LICENSE NO. DPR-18

DOCKET NO. 50-244

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by the captioned amendment number and contain marginal lines indicating the area of change.

REMOVE

3.14-7

INSERT

3.14-7

Table 3.14-1  
FIRE DETECTION INSTRUMENTS

<u>Instrument Location</u>	<u>Minimum Instruments Operable***</u>	
	<u>Heat</u>	<u>Smoke</u>
1. Containment		
"A" Post-Accident Charcoal Bank (Z09, Z10)	3*	N/A
"B" Post-Accident Charcoal Bank (Z11, Z12)	3*	N/A
"A" Aux. Filter Charcoal Bank (Z06)	1*	N/A
"B" Aux. Filter Charcoal Bank (Z07)	1*	N/A
Cable Trays Basement Elev. (Z08)	1**	N/A
Cable Trays Intermed. Elev. (Z15)	2**	N/A
Cable Trays Operating Floor (Z16)	1**	N/A
"A" RCP Intermediate Floor (Z13)	1**	N/A
"B" RCP Intermediate Floor (Z14)	1**	N/A
Area Detection Operating Floor (Z16)	N/A	7
2. Control Room		
Area and Cabinet (Z19)	1	17
Control Room/Turb. Bldg. Wall (S29)	4	N/A
3. Relay Room (Z18, S08)	3	16
4. Computer Room		
Ceiling (S07)	N/A	3
5. Battery Rooms (A&B) (Pyrotronics Zone 8)	N/A	3
6. Control Building		
Air Handling Room (S06)	N/A	3
7. Diesel Generator		
"A" Generator Room (S12)	2	N/A
"A" Generator Vault (Z20)	N/A	1
"B" Generator Room (S13)	2	N/A
"B" Generator Vault (Z21)	N/A	1
8. Intermediate Building		
Motor Driven Aux. Fd. Pump Area (Z22)	N/A	9
Turb. Driven Aux. Fd. Pump & Res. (S14)	1	N/A
Cable Trays Basement North (S15)	N/A	14
"A" Purge Filter Elev. 315'-4" (Z23)	N/A	1
"B" Purge Filter Elev. 315'-4" (Z24)	N/A	1
9. Screen House		
Area Detection Serv. Water Pump and Bus Area (Z26)	N/A	11
Cable Trays Basement (S17)	N/A	4



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

Principal Contributor: M. Fairtile

Date: August 18, 1986

Distribution Copies:

Docket File 50-244

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PAD#1 r/f

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ACRS (10)

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LFMB (w/cy of TAC 60800 w/Amd No. & date issued)