

September 11, 2000

Dr. Robert C. Mecredy  
Vice President, Ginna Nuclear Operations  
Rochester Gas and Electric Corporation  
89 East Avenue  
Rochester, New York 14649

SUBJECT: R. E. GINNA - NOTIFICATION OF CONDUCT OF A TRIENNIAL FIRE  
PROTECTION BASELINE INSPECTION

Dear Dr. Mecredy:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region I staff will conduct a triennial fire protection baseline inspection at your R. E. Ginna facility in November 2000. The inspection team will be led by Mr. Larry Scholl from the NRC Region I Office. The team will be composed of personnel from NRC Region I. The inspection will be conducted in accordance with IP 71111.05, the NRC's baseline fire protection inspection procedure.

The schedule for the inspection is as follows:

- Information gathering visit - October 24-26, 2000
- Week of onsite inspection - November 13-17, 2000

The team leader will conduct an information gathering visit in order to obtain information and documentation needed to support the inspection; and to become familiar with the R. E. Ginna fire protection program, fire protection features, and post-fire safe shutdown capabilities and plant layout. Additionally, some team members may participate in the information gathering visit. A list of the types of documents the team may be interested in reviewing, and possibly obtaining, are listed in Enclosure 1. The team leader will contact you with specific requests for documents.

During the information gathering visit, the team will also discuss the following inspection support administrative details: office space size and location; specific documents requested to be made available to the team in their office spaces; arrangements for reactor site access (including radiation protection training, security, safety and fitness for duty requirements); and the availability of knowledgeable plant engineering and licensing organization personnel to serve as points of contact during the inspection.

We request that during the onsite inspection week you ensure that copies of analyses, evaluations or documentation regarding the implementation and maintenance of the R. E. Ginna facility fire protection program, including post-fire safe shutdown capability, be readily accessible to the team for their review. Of specific interest are those documents which

establish that your fire protection program satisfies NRC regulatory requirements and conforms to applicable NRC and industry fire protection guidance. Also, personnel should be available at the site during the inspection who are knowledgeable regarding those plant systems required to achieve and maintain safe shutdown conditions from inside and outside the control room (including the electrical aspects of the relevant post-fire safe shutdown analyses), reactor plant fire protection systems and features, and the R. E. Ginna fire protection program and its implementation.

The baseline inspection requirement related to analysis of multiple shorts, open circuits and faults (multiple hot shorts, shorts to ground, multiple high impedance faults and three phase faults) is currently being reviewed by the Office of Nuclear Reactor Regulation (NRR). The results of this NRR review may alter these inspection items. The team leader, Larry Scholl, will contact your staff with information regarding any modifications to our inspection procedure, as they become available.

Your cooperation and support during this inspection will be appreciated. If you have questions concerning this inspection, or the inspection team's information or logistical needs, please contact Larry Scholl, the team leader, in the Region I Office at 610-337-5144.

Sincerely,

***/RA by Nancy E. Walker Acting for/***

William H. Ruland, Chief  
Electrical Engineering Branch  
Division of Reactor Safety

Docket No. 05000244

Enclosures:

1. List of Reactor Fire Protection Program Supporting Documents

cc w/encl:

P. Wilkens, Senior Vice President, Generation  
P. Eddy, Electric Division, Department of Public Service, State of New York  
C. Donaldson, Esq., State of New York, Department of Law  
N. Reynolds, Esq.  
F. William Valentino, President, New York State Energy Research  
and Development Authority  
J. Spath, Program Director, New York State Energy Research  
and Development Authority  
T. Judson, Central NY Citizens Awareness Network

Dr. Robert C. Mecredy

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## ENCLOSURE 1

### Reactor Fire Protection Program Supporting Documentation

[Note: This is a broad list of the documents the NRC inspection team may be interested in reviewing, and possibly obtaining, during the information gathering site visit.]

1. The current version of the Fire Protection Program and Fire Hazards Analysis.
2. Current versions of the fire protection program implementing procedures (e.g., administrative controls, surveillance testing, fire brigade).
3. Fire brigade training program and pre-fire plans.
4. Post-fire safe shutdown systems and separation analysis.
5. Post-fire alternative shutdown analysis.
6. Piping and instrumentation (flow) diagrams showing the components used to achieve and maintain hot standby and cold shutdown for fires outside the control room and those components used for those areas requiring alternative shutdown capability.
7. Plant layout and equipment drawings which identify the physical plant locations of hot standby and cold shutdown equipment.
8. Plant layout drawings which identify plant fire area delineation, areas protected by automatic fire suppression and detection, and the locations of fire protection equipment.
9. Plant layout drawings which identify the general location of the post-fire emergency lighting units.
10. Associated circuit analysis performed to assure the shutdown functions and alternative shutdown capability are not prevented by hot shorts, shorts to ground, or open circuits (e.g., analysis of associated circuits for spurious equipment operations, common enclosure, common bus).
11. Plant operating procedures which would be used and describe shutdown from inside the control room with a postulated fire occurring in any plant area outside the control room, procedures which would be used to implement alternative shutdown capability in the event of a fire in either the control or cable spreading room.
12. Maintenance and surveillance testing procedures for alternative shutdown capability and fire barriers, detectors, pumps and suppression systems.
13. Maintenance procedures which routinely verify fuse breaker coordination in accordance with the post-fire safe shutdown coordination analysis.
14. A sample of significant fire protection and post-fire safe shutdown related design change packages (including the associated 10 CFR 50.59 evaluations) and Generic Letter 86-10 evaluations.

15. The reactor plant's IPEEE, results of any post-IPEEE reviews, and listings of actions taken/plant modifications conducted in response to IPEEE information.
16. Temporary modification procedures.
17. Organization charts of site personnel down to the level of fire protection staff.
18. If applicable, layout/arrangement drawings of potential reactor coolant/recirculation pump lube oil system leakage points and associated lube oil collection systems.
19. A listing of the SERs and actual copies of the 50.59 reviews which form the licensing basis for the reactor plant's post-fire safe shutdown configuration.
20. Procedures/instructions that control the configuration of the reactor plant's fire protection program, features, and post-fire safe shutdown methodology and system design.
21. A list of applicable codes and standards related to the design of plant fire protection features and evaluations of code deviations.
22. Procedures/instructions that govern the implementation of plant modifications, maintenance, and special operations, and their impact on fire protection.
23. The three most recent fire protection QA audits and/or fire protection self-assessments.
24. Recent QA surveillances of fire protection activities.
25. A listing of open and closed fire protection condition reports (problem reports/NCRs/EARs/problem identification and resolution reports).
26. Listing of plant fire protection licensing basis documents.
27. A listing of the NFPA code versions committed to (NFPA codes of record).
28. A listing of plant deviations from code commitment.
29. Actual copies of Generic Letter 86-10 evaluations.