

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-244/82-17

Docket No. 50-244

License No DPR-18 Priority -- Category C

Licensee: Rochester Gas and Electric
89 East Avenue
Rochester, New York 14649

Facility Name: R. E. Ginna Nuclear Power Plant, Unit 1

Inspection at: Ontario, New York

Inspection conducted: September 14-16, 1982

Inspector: A. E. Finkel
A. E. Finkel, Reactor Engineering
Inspector

10/14/82
date

Approved by: L. H. Bettenhausen
L. H. Bettenhausen, Acting Chief
Plant Systems Section, DET&P

10/14/82
date

Inspection Summary:

Inspection on September 14-16, 1982 (Report No. 50-244/82-17)

Areas Inspection: Routine, unannounced inspection of the plant Fire Protection/Prevention Program, including: implementation of administrative procedures, observation of ignition source and combustible material control, review and observation of plant modifications and observation of critical plant fire areas. The inspection involved 30 hours on site by one NRC region based inspector.

Results: No violations were identified.

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DETAILS

1. Persons Contacted

Rochester Gas and Electric

- *J. Bodine, Quality Control Engineer
- *C. Peck, Nuclear Assurance
- *S. Spector, Assistant Superintendent
- *J. Straight, Fire Protection and Safety Engineer

*Denotes those present at exit meeting.

Other licensee personnel were also interviewed during this inspection period.

2. Facility Tour

During a facility tour the inspector examined fire protection systems and equipment which included the fire protection water system, yard fire protection equipment including yard indicator valves, hydrants and contents of hose houses. The inspector toured all accessible vital and non-vital plant areas and examined fire detection and alarm systems, automatic and manual fixed suppression systems, interior hose stations, fire barrier penetration seals, fire doors and fire dampers.

No violations were identified.

3. Fire Protection/Prevention Program

a. Administrative Controls

The inspector reviewed the licensee Fire Protection and Safety Program Plan which describes the fire protection and prevention program for this site. This plan also describes the following responsibilities and functions.

- (1) Fire Fighting Organization
- (2) Fire Prevention
- (3) Fire Fighting Equipment
- (4) Fire Fighting Procedures
- (5) Revisions to Manual
- (6) Procedures
- (7) Fire Brigade Training

The administrative procedures to support the Fire Protection and Safety Program Plan are referenced in the reference documentation section of the plan.

b. Surveillance Procedures

The inspector verified that the Technical Specification requirements of paragraph 3.14 Fire Suppression System are being complied with. The Fire Protection and Safety Engineer verifies that the Technical Specification surveillance requirements of paragraph 4.15 Fire Suppression System Test are complied with. During this inspection period the licensee was performing the three year pressure testing of fire hoses as required in Technical Specification paragraph 4.15.5(d).

On a random basis the inspector selected the following tasks from the Technical Specification and verified that the licensee had performed the task assignment.

- (1) Operational Test of Fire Pumps
- (2) Brigade Training Schedule Dates
- (3) Halon System Pressure and Weight verification
- (4) Fire Hose Hydro Tests, and
- (5) Inspection of Fire Barrier Penetration Seals.

No violations were identified.

4. Housekeeping

Housekeeping throughout the site was found to be in compliance with the licensee administrative and housekeeping procedures. During the site tour the inspector observed that the equipment and facility was clean.

No violations were identified.

5. Control of Combustibles and Welding and Cutting Operations

The requirements for the control of combustibles, ignition sources, welding and cutting are defined in the Fire Protection and Safety Program Plan Procedure. The training of the fire watch personnel is given by the Fire Protection and Safety Engineer and his staff. The fire protection system that protects the auxiliary building, bus 16, cable tray concentration (zone S-03), is being modified and the fire watch is on a 7 days, three shift basis. The inspector verified that a fire watch was placed in the zone S-03 area and that the personnel were trained in the area requirements.

No violations were identified.

6. Fire Brigade Training and Drills

The inspector reviewed the fire brigade training and drill records for the first half of 1982 confirming that the licensee was complying with the Fire Protection and Safety Program Plan requirements for brigade

training. The Fire Protection and Safety Engineer verifies that the scheduled training for the fire brigade is being performed as required by plan.

No violations were identified.

7. Fire Brigade Equipment

The inspector reviewed the licensee procedure for Emergency Fire Equipment Locker Inventory and Inspection No. SC-3.15.5 Revision No. 12 dated March 24, 1982. This procedure requires that a monthly inventory of the emergency fire equipment lockers be made but the procedure does not require that the equipment be checked for operational use. The licensee plans to review the equipment lockers to determine what type of verification will be necessary to assure that the equipment that needs to be operationally tested will be verified.

This item is unresolved pending NRC review of the licensee's actions (50-244/82-17-01)

8. Fire Protection Modifications

Due to the inadvertant activation of the fire suppression system on November 14, 1981, a supervised preaction system with closed spray heads is being installed in selected areas of the plant. The area selected for this installation are:

- (1) Intermediate building basement cable tray concentration area (Zone S-15),
- (2) Auxiliary building bus 16 cable tray concentration area (Zone S-03),
- (3) Auxiliary building intermediate level east cable tray concentration area (Zone S-04) and
- (4) Auxiliary building basement cable tray area (Zone S-01)

The inspector reviewed the installation drawings and the quality control inspection plan (QCIP-12) for the first phase of the preaction fire modifications. The modification documentation was part of mod 1833 which includes piping and hanger installation details. The Fire Protection and Safety Engineer was in the process of reviewing this modification package for compliance with program requirements.

This item is unresolved pending NRC review of the licensee's actions (50-244/82-17-02)

9. Fire Program Audit

A licensee audit of the Ginna Fire Program conducted between December 2, 1981 thru January 7, 1982 and documented in report 81-32:SB dated January 18, 1982. Audit findings were documented on the Audit Finding Corrective Action Report (AFCAR) form with corrective action and management verification forms attached. Twenty-two audit findings were identified with twelve being closed as of this inspection period. The 10 remaining audit findings have requested time extensions. The Fire Protection and Safety Engineer is tracking these items with the quality control organization.

This item is unresolved pending NRC review of the licensee's actions. (50-244/82-17-03)

10. Control of Combustibles, Welding and Cutting Operations

The requirements for the control of combustibles, ignition sources, welding and cutting operations are defined in the Fire Protection and Safety Plan. The Fire Protection and Safety Engineer (FPSE) prepares the lesson plans and instructs the plant fire watch personnel.

The inspector verified that the fire watch personnel were being trained by the FPSE and were supporting both modification and assigned fire watch areas.

No violations were identified.

11. Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain if they are acceptable, violations or deviations. Unresolved items are discussed in Paragraphs 7, 8 and 9.

12. Exit Meeting

The inspector met with licensee representatives (See Paragraph 1) at the end of the inspection on September 16, 1982. The inspector summarized the purpose and scope of the inspection and identified the inspection findings. During the inspection the licensee informed the inspector that a re-organization which effects the Fire Protection and Safety Engineer is presently planned. The inspector stated that the effects, if any on the fire program would be reviewed when the proposed organization has been submitted to the NRC.