

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

Region I

Report No. 50-220/78-19

Docket No. 50-220

License No. DPR-63 Priority -- Category C

Licensee: Niagara Mohawk Power Corporation  
300 Erie Boulevard West  
Syracuse, New York 13202

Facility Name: Nine Mile Point 1

Inspection at: Scriba, New York

Inspection conducted: November 13 and 14, 1978

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

11-22-78  
date signed

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date signed

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date signed

Approved by: S. D. Ebnetter  
S. D. Ebnetter, Chief, Engineering Support  
Section No. 2, RC&ES Branch

11/27/78  
date signed

Inspection Summary:

Inspection on November 13 and 14, 1978 (Report No. 50-220/78-19)  
Areas Inspected: Routine, unannounced inspection by a regional based inspector. The inspection consisted of review of the plant fire program. The inspection involved 13 inspector-hours onsite by one NRC regional based inspector.  
Results: No items of noncompliance were identified.

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## DETAILS

### 1. Persons Contacted

#### Niagara Mohawk Power Corporation

- \* T. Lempges, Generation Superintendent, Nuclear Generation
- \* T. Perkins, Superintendent, NMP No. 1
- \* R. Raymond, Fire Protection Coordinator
- D. Palmer, Quality Control Operation Supervisor
- R. Junrus, Modification Coordinator
- J. Aldrich, Training Supervisor

\* denotes those present at the exit interview.

### 2. Work Control Procedures

The inspector verified, by review, that there are work control procedures which define requirements for approval and control of modification and maintenance activities. They are listed below:

- APN-9, Procedure for Station Modifications;
- APN-13, Control of Station Corrective Repair and Maintenance;
- APN-3, Site Operations Review Committee Procedures (SORC);
- APN-10E, Fire Brigade Training;
- APN-11, Housekeeping and Cleanliness Control;
- APN-20, Station Fire Protection Program; and,
- APN-22, Site Welding Program.

Work Request (WR) Form 313-186R 10-76 requires review and signature of the fire coordinator when the WR is classified as safety related work. The licensee has issued a procedure entitled, "Fire Prevention Procedures for Contractors and Subcontractors" which forms a part of the issued contract when performing safety related work by other than licensee personnel. This procedure lists 13 fire safety rules which must be complied with when working on safety related systems at the Nine Mile Point Nuclear Station Unit 1.

No items of noncompliance were identified.



### 3. Quality Assurance Surveillance

- a. The inspector reviewed the licensee's Quality Assurance Manual and Quality Control Manual, verifying that periodic audits are required of work request (WR) for modification and maintenance.

The Quality Control Manual contains Procedures QCP-1.0, titled, "Review of Site Design Control Activities" and QCP-8.0, titled, "Inspection of Quality Related Activities", which requires the inspection and verification of activities that include repair, rework, maintenance and modifications and installations.

- b. The inspector examined the following audits, verifying that quality control surveillance is performed periodically during the maintenance and modification activities for conformance with established controls.

Audits examined include:

- QC Audit SR-78-021, dated April 17-May 5, 1978.
- QC Audit SR-78-020, dated April 21, 1978.

- c. A review of plant design changes from January 1978 through November 1978 and discussions with the licensee indicated there were no design changes or modifications involving cable penetration seals.

No items of noncompliance were identified.

### 4. Design Change Controls

- a. The inspector verified that an Administrative Procedure (AP) had been established to control plant modifications and repairs.

AP-20 as a minimum provides that the following requirements be performed:

- A safety analysis be performed after engineering design is completed.
- A review of the activity by the Station Operations Review Committee (SORC).



- Materials used are certified and inspected and the installation is performed properly with appropriate documentation.
  - A review by the Quality Assurance Group.
- b. The inspector examined the design changes/modifications from January 1978 through November 15, 1978, verifying that the licensee is complying with the requirements of AP-20.

No items of noncompliance were identified.

5. Emergency Procedures

- a. The inspector reviewed the licensee's procedure entitled, "Site Emergency Plan and Procedures", Revision 7 dated October 30, 1976. This document (unnumbered) does have a section on fighting fires. The following sections were reviewed by the inspector:
- FPP-1, Radiation Emergency, Revision 0, June 8, 1978.
  - FPP-2, Fire Fighting, Revision 1, September 25, 1978.
  - FPP-11, Review and Revision of Site Emergency Plan, Revision 1, August 31, 1978.
  - FPP-13, Emergency Center Operations, Revision 1, September 22, 1978.
  - FPP-18, Emergency Drill Procedures, Revision 0, May 29, 1978.
  - FPP-10, Fire Protection System Operator Routine, Revision 2, April 26, 1978.
- b. The inspector reviewed the Special Procedure (SP)-11, entitled "Control Room Evacuation Fire" verifying that an alternate method for accomplishing an orderly plant shutdown and cool-down are provided in cases of loss of normal and preferred alternative coolant supply systems.

No items of noncompliance were identified.





## 6. Facility Inspection

- a. The inspector reviewed the most recent fire inspection report available, prepared by the licensee's insurer, the Nuclear Energy Liability/Property Insurance Association (NEL-PIA) for Property File No. 1-133 dated January 5, 1978 and American Nuclear Insurers Report File No. 1-133 dated July 6, 1978.

There were no new recommendations. Recommendations carried over from the previous reports include:

- Item 75-1 - Closing off control room from auxiliary control room by enclosing stairway opening with 3 hour rated fire barrier, and sealing of cable penetrations into control room. This item is under study by the licensee, compliance is expected.

No items of noncompliance were identified.

- b. On November 14, 1978, the inspector toured the facility with a licensee representative to observe housekeeping activities and verification of maintenance activity pertaining to the inspection and operability of fire fighting equipment.

The inspector examined the control room, cable spreading room, the auxiliary control room, switchgear room, diesel generator rooms, battery rooms, lube oil storage area, foam room, turbine area, and the diesel and electric fire pump/motor areas.

The inspector examined the fire alarming system, emergency lighting, portable/fixed fire extinguishers and records of licensee inspection and maintenance of fire fighting equipment.

Records inspected included:

- Weekly operator checks for Fire Protection System for September, October and November, 1978.
- Monthly operator checks of Fire Protection System for October and November, 1978.
- Supervisors Weekly Plant Tour Procedure No. N1-FP-1 for the months of October and November, 1978.



- c. The inspector examined records of fire drills and training of personnel verifying compliance with established procedures.

Documents examined include:

- APN-10-E, Fire Brigade Training Procedure.
- Fire Brigade Drill Records for the year 1978.
- Training Records for plant fire training and local fire station orientation records dated February 9, 1978.

No items of noncompliance were identified.

7. Exit Interview

The inspector met with the licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection. The inspector summarized the purpose and scope of the findings. The licensee acknowledged the inspector's findings.

