

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

Region I

Report No. 50-220/81-08

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, Unit 1

Inspection at: Scriba, New York

Inspection conducted: April 22, 1981

Inspectors: J. S. Hudson, Senior Resident Inspector

5/4/81
date signed

H.B. Kister, Chief, Reactor Projects Section
IC DRPI

5/4/81
date signed

date signed

Approved by: E.J. Brunner for

E.J. Brunner, Acting Director, Division of
Resident and Project Inspection

5-6-81
date signed

Meeting Summary:

Meeting on April 22, 1981 (Report No. 50-220/81-08)

Scope: Special, announced management meeting to discuss the results of the NRC board convened to evaluate the Licensee's Performance from February 1, 1980 to January 31, 1981 as part of the NRC's Systematic Assessment of Licensee Performance (SALP) Program. Areas addressed included: Plant Operations; Refueling Operations; Maintenance; Surveillance; Licensed Operator Training; QA/QC; Reporting; Committee Activities; Procurement; Fire Protection; ISI/IST; Design Changes and Modifications; Radiation Protection; Environmental Protection; Emergency Preparedness; Radioactive Waste Management; Transportation; Security and Safeguards; and Management Controls.

Results: A summary of the licensee performance evaluation was presented. Areas of concern were discussed with corporate and site management. No new enforcement actions were identified. A number of areas where improvements are indicated were identified.

DETAILS

1. Licensee Attendees

W.M. Bryant, Manager-Quality Assurance
T.E. Lempges, Vice President-Nuclear Generation
D.R. Palmer, Supervisor-Quality Assurance Operations
T.J. Perkins, General Superintendent-Nuclear Generation
T.W. Roman, Station Superintendent-Unit 1
R.W. Smith, Superintendent-Production-Unit 2

2. NRC Attendees

B.H. Grier, Director, USNRC, Region 1
E.J. Brunner, Acting Director, Division of Resident and Project
Inspection, Region 1
H.B. Kiste, Chief, Reactor Projects Section No. 1C, DRPI
S.D. Hudson, Senior Resident Inspector
R.A. Feil, Reactor Inspector, Reactor Projects Section 1C, DRPI

3. Discussion

A brief summary of the Systematic Assessment of Licensee Performance (SALP) Program was presented to explain the basis and purpose of the evaluation.

The NRC Region I evaluation board meeting was discussed, including the assessment period, performance data and the results of the board's evaluation. (See Appendix 1 and Attachments 1 and 2.)

The licensee's overall performance was considered acceptable. Four areas will receive increased inspection effort by Region I to confirm that corrective actions already initiated are effective. These four areas of concern were identified to corporate and site management.

SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE

April 1, 1981

Niagara Mohawk Power Corporation

Nine Mile Point Unit 1

REGION I

PERFORMANCE EVALUATION

SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE

Nine Mile Point Nuclear Station, Unit 1

REGION I EVALUATION BOARD MEETING

Facility: Nine Mile Point Nuclear Station, Unit 1

Licensee: Niagara Mohawk Power Corporation

Unit Identification:

<u>Docket No.</u>	<u>License No./Date of Issue</u>	<u>Unit No.</u>
50-220	DPR-63 December 26, 1974	1

Reactor Information:

NSS: General Electric

MWT: 1850

Assessment Period: February 1, 1980 to January 31, 1981

Evaluation Board Meeting Date: April 1, 1981

Review Board Members:

- B. H. Grier, Director, Region I
- J. M. Allan, Deputy Director, Region I
- E. J. Brunner, Acting Director, Division of Resident and Project Inspection, RI
- R. J. Bores for G. H. Smith, Director, Division of Emergency Preparedness and Operational Support, RI
- R. T. Carlson, Director, Enforcement and Investigation Staff, Region I
- J. W. Devlin for W. G. Martin, Assistant to the Director, Region I
- P. J. Polk, Licensing Project Manager, Operating Reactors Branch 2, NRR

Other NRC Attendees:

- H. B. Kister, Chief, Reactor Projects Section 1C
- S. D. Hudson, Resident Inspector, Nine Mile Point Unit 1
- P. J. Knapp, Chief, Facility Radiological Protection Section, DETI
- J. R. White, Radiation Specialist, Facility Radiological Protection Section, DETI
- J. T. Wiggins, Reactor Inspector, Reactor Projects Section 1C

Nine Mile Point Unit 1

LICENSEE PERFORMANCE DATA

Assessment Period: February 1, 1980 to January 31, 1981

A. Number and Nature of Noncompliance Items

1. Noncompliance Category

Violation	2
Severity Level I	0
Severity Level II	0
Severity Level III	0
Infraction	21
Deficiency	4
Severity Level IV	0
Severity Level V	1
Severity Level VI	1
Deviation	1

2. Areas of Noncompliance

	<u>VIO/I/II/III/INF/DEF/IV/V/VI/DEV</u>
Plants Operations	0 / 0 / 0 / 0 / 4 / 0 / 0 / 0 / 0 / 0
Maintenance	0 / 0 / 0 / 0 / 0 / 1 / 0 / 0 / 1 / 0
Committee Activities	0 / 0 / 0 / 0 / 0 / 1 / 0 / 0 / 0 / 0
Fire Protection	0 / 0 / 0 / 0 / 2 / 0 / 0 / 0 / 0 / 0
Radiation Protection	0 / 0 / 0 / 0 / 12 / 0 / 0 / 1 / 0 / 0
Security	0 / 0 / 0 / 0 / 1 / 0 / 0 / 0 / 0 / 0
Management Controls	2 / 0 / 0 / 0 / 2 / 2 / 0 / 0 / 0 / 0
Design Changes and Modifications	0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 1

Nine Mile Point Unit 1

LICENSEE PERFORMANCE DATA

Assessment Period: February 1, 1980 to January 31, 1981

B. Number and Nature of Licensee Event Reports

1. Type of Events

A.	Personnel Error	10
B.	Design Manufacturing, Construction/Installation Error	2
C.	External Cause	2
D.	Defective Procedures	3
E.	Component Failure	10
X.	Other	2

Total 29

2. Causally Linked Events

10 events in 4 groups
(3 groups of 2 events each; one group of 4 events further discussed in
Functional Area No. 4)

3. Licensee Event Reports Reviewed (Report Nos.)

LERs 80-05 through 81-01

C. Escalated Enforcement Actions

Civil Penalties

EA-81-08, \$215,000 assessed: Failure to comply with a TMI Lessons Learned
Short Term Requirement.

Orders

Order for Modification of License concerning environmental qualification of
electrical components dated August 29, 1980, revised September 19, 1980.

Confirmatory Order of October 2, 1980, to confirm licensee commitments to implement requirements of IE Bulletin 80-17.

Order for Modification of License concerning environmental qualification of safety-related electrical equipment dated October 24, 1980.

Order for Modification of License (effective immediately) and Order to Show Cause concerning a material false statement dated November 26, 1980; both subsequently withdrawn on March 20, 1981.

Order for Modification of License concerning BWR Scram Discharge System dated January 9, 1981.

Order for Modification of License and Grant of Extension of Exemption concerning suppression pool hydrodynamic loads dated January 13, 1981.

Immediate Action Letters

80-38 Confirms licensee commitments relative to the improvement of the radiation protection program.

80-40 Confirms licensee commitments relative to the Short Term Recommendations for Item 2.1.8.b of NUREG-0578.

80-53 Confirms licensee commitments relative to certain requirements of IEB 80-17 and the NRC Confirmatory Order dated October 2, 1980.

D. Management Conferences Held During Past Twelve Months

None

E. Licensee Activities

The plant operated at power throughout the assessment period except for several short outages including one in March in which the Safety and Relief valve acoustic monitoring system was installed, one in July due to a failure of the Main Output Transformer and one in December for ATWS Trip Hardware installation.

F. Inspection Activities

During the assessment period, 20 inspections were completed under the Operating Reactors Program. These included 8 inspections by the Resident Inspectors, the Health Physics Appraisal, a special inspection of TMI Action Plan Category A items, a shipment inspection conducted by Region II at the Barnwell, South Carolina site and 9 inspections by the Regional Office Staff. Inspections involved 1,367.5 inspector-hours onsite.

G. Investigation Activities

One investigation was conducted during the assessment period to determine the basis upon which the licensee concluded that the Short Term Recommendation for Item 2.1.8.b of NUREG-0578 was completed in compliance with licensee commitments. The investigation involved 110 inspector-hours onsite.

Nine Mile Point Nuclear Station
Unit 1

INSPECTION PROGRAM CHANGES

Inspection Time and/or Scope Change
From Prescribed Inspection Program

Functional Area	Increase	No Change	Decrease
1. Plant Operations		X	
2. Refueling Operations		X	
3. Maintenance		X	
4. Surveillance		X	
5. Licensed Operator Training		X	
6. QA/QC		X	
7. Reporting		X	
8. Committee Activities		X	
9. Procurement		X	
10. Fire Protection		X	
11. ISI/IST		X	
12. Design Changes and Modifications		X	
13. Radiation Protection	X		
14. Environmental Protection		X	
15. Emergency Preparedness	X		
16. Radioactive Waste Management	X		
17. Transportation		X	
18. Security and Safeguards		X	
19. Management Controls	X		

Bryce H. Gniel
Regional Director

4/1/81
Date