NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION / 300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202 / TELEPHONE (315) 474-1511

October 8, 1980

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

Re: Nine Mile Point Unit 1
Docket No. 50-220

Attached is a report which provides dates, length and causes of outages from June 1975 to June 1980 for those safety related systems which may be utilized to mitigate the consequences of a loss of coolant accident. The only testing outages included in this response are for emergency condenser surveillance, since the remaining safety systems are not put into an inoperable status for testing during normal operation. This information is provided in accordance with your letter of May 7, 1980 to satisfy the requirement of Item II.K.3.17 of NUREG 0660.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Donald P. Dise
Vice President Engineering

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ECC SYSTEM OUTAGE REPORT

UTILITY Niagara Mohawk Power Corporation

PLANT Nine Mile Point

UNIT #1

DATE OF COMMERCIAL OPERATION December, 1969

REPORT COVERS PERIOD June, 1975 THROUGH June, 1980

NUMBER OF DAYS OF COLD SHUTDOWN DURING REPORT PERIOD 429.7

FORMS B COMPLETED FOR FOLLOWING SYSTEMS:

- [ ] HPCI
- [X] FWCI
- [X] ISOLATION CONDENSER (two subsystems)
- [ ] RCIC
- [X] CORE SPRAY (two subsystems)
- [ ] LPCI (one pump)
- [X] ADS (six valves)
- [ ] RHR/CONTAINMENT COOLING (one subsystem)
- [ ] RHR SERVICE WATER (one subsystem)
- [X] ONSITE EMERGENCY POWER (two subsystems)
- [X] OTHER (specify) Control Rod Drive Injection
- [X] Containment Spray (two subsystems)
- [X] Containment Spray Raw Water (two subsystems)
- [ ] _____

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM FWCI PAGE 1 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 15 days for one of two redundant components

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE

No outage during reporting period

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Emergency Condenser PAGE 2 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 7 days for one of two subsystems

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE
	#11 Emergency Condenser System	
10/3/75	1	Bad set of contacts on control switch. AC motor operated steam side isolation valve did not respond to open signal during test. Changed control leads to different set of contacts on switch.
10/7/75	2	Steamline vent valves had worn packing resulting in steam leaks. Valves were repacked.
11/2/75	4	Worn valve seating on air operated isolation valve 39-05. Leaking condensate. Lapped seating surfaces.
11/23/75	4	Steamside AC motor operated isolation valve 39-09 had a bent stem. Replaced the stem.
July 77-June 79	699 days	Separation of disc from valve stem on manual valve 39-01 in return line. Technical Specification change allowed operation during this period with one emergency condenser subsystem inoperable since analysis confirmed system was not needed for mitigation of transients and accidents.
	#12 Emergency Condenser System	
6/24/76	0.5	AC motor operated valve steam supply isolation valve had a blown packing. Valves were repacked.

Note: When one emergency condenser system is inoperable, technical specifications require the motor-operated isolation valve in the operable system to be demonstrated operable immediately and daily thereafter. (This surveillance testing was only required weekly during Cycle 5 July 77-June 79). This surveillance testing makes the operable system inoperable during the length of time it takes to cycle the isolation valve (2-3 minutes).

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Core Spray PAGE 3 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 7 days for one of two subsystems
15 days for a redundant component in a subsystem

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE
		#11 Core Spray System
		No outage during reporting period
		#12 Core Spray System
6/30/77	12	Isolation valve no. 40-01 inoperable due to misalignment of contacts on closing contactor

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Electromatic Relief Valve PAGE 4 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 0 days

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE
		Electromatic Relief Valve #111, 112, 113, 122 and 123
		No outages during reporting period
		Electromatic Relief Valve #121
10/8/75	4	Valve seat leakage Overhauled valve

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Diesel Gen. PAGE 5 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 7 days for one of two diesel generators

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE
		Diesel Generator #102
11/11/75	2	Corrosion in cooling water heat exchanger. Replaced heat exchanger.
12/28/79	1.8	The primary neutral on the control power transformer was installed to ground causing a third harmonic circulating current. This caused overheating of the excitation power transformer. The control power transformers were replaced.
		Diesel Generator #103
10/4/79	.5	Fuel oil pump on the end of the scavenging oil pump had a leaking pipe thread on the inlet side of the pump. Replaced pipe nozzle.
10/5/75	.5	Routine Inspection
12/20/79	2	The primary neutral on the control power transformer was installed to ground causing a third harmonic circulating current. This caused overheating of the excitation power transformer. The control power transformers were replaced.

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Control Rod Drive Injection PAGE 6 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 7 days for one of two redundant components

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE

Control Rod Drive Injection

No outage during reporting period.

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Containment Spray PAGE 7 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 7 days for one of two subsystems
15 days for a redundant component in a subsystem

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE

#11 and #12 Containment Spray System

No outage during reporting period

DATE 9/15/80 BY PEF

ECC SYSTEM OUTAGE REPORT

PLANT Nine Mile Point UNIT 1 SYSTEM Raw Water Cooling PAGE 8 OF 8

ALLOWABLE OUTAGE TIME FOR SYSTEM 7 days for one of two subsystems
15 days for a redundant component in a subsystem

OUTAGE DATE	DURATION OF OUTAGE (DAYS)	CAUSE

#11 and #12 Raw Water Cooling System

No outage during reporting period

DATE 9/15/80 BY PEF