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BARTLETT,J. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Answer to Commission 800102 show cause order re recommendations of NUREG-0578,Item re direct indication of safety & relief valve position will not be complied w/by 800131,Necessary equipment expected 800229,Exhibits encl.

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	19 IA/EDO	1	1	2 NRC PDR	1	1
	20 CORE PERF BR	1	1	21 ENG BR	1	1
	22 REAC SFTY BR	1	1	23 PLANT SYS BR	1	1
	24 EEB	1	1	25 EFLT TRT SYS	1	1
	3 LPDR	1	1	4 NSIC	1	1
	5 D VERRELLI	1	1	6 L. RIANI	1	1
	7 J BEARD	1	1	8 F SKOPEC	1	1
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JAN 29 1980

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MAY

UNITED STATES OF AMERICA

NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
NIAGARA MOHAWK POWER CORPORATION (Nine Mile Point Nuclear Station Unit 1)	)))	Docket No. 50-220

ANSWER TO SHOW CAUSE

Pursuant to Part 2.206 of the Nuclear Regulatory Commission's Rules of Practice Niagara Mohawk Power Corporation (Niagara Mohawk or Licensee) hereby answers the Commission's Show Cause Order issued to Niagara Mohawk on January 2, 1980.

The Task Force which was assigned to the Three-Mile Island Unit 2 accident has issued its report, NUREG-0578, "TMI-2 Task Force and Short-term Recommendations." A list of the Category A Recommendations, their applicability or non-applicability to Niagara Mohawk's Nine Mile Point Unit 1 and the date of compliance with those Recommendations are shown in Exhibit A to this Answer. Exhibit A is hereby incorporated by reference.

Licensee calls to the Commission's attention that only one item of the Task Force's Category A short-term recommendations will not be complied with by January 31, 1980. This item concerns the direct indication of Safety and Relief Valve Position. Niagara Mohawk expects to receive from its vendor the necessary equipment on or about February 29, 1980. The unit will be shut down within thirty days of receipt of equipment and will not resume operation until installation is complete. Information regarding the schedule for procurement and delivery of this equipment is contained in Exhibit B, which is hereby incorporated by reference.

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ADD: 42 Enc.
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This schedule is well within the June 1, 1980 deadline established by the Commission in the Show Cause Order.

Respectfully submitted,

NIAGARA MOHAWK POWER CORPORATION

By: James Bartlett
James Bartlett
Executive Vice President

STATE OF NEW YORK)
)
COUNTY OF ONONDAGA)

SUBSCRIBED AND SWORN TO, before me, this 22nd day of January, 1980.

Cynthia A. Petta
Notary Public, New York
My Commission Expires: 3/30/80

CYNTHIA A. PETTA
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4682225
My Commission Expires March 30, 1980

EXHIBIT A

NINE MILE POINT UNIT 1
IMPLEMENTATION OF "CATEGORY A"
NUREG-0578 REQUIREMENTS

REQUIREMENT	TITLE	IMPLEMENTATION CATEGORY(1)	DATE IMPLEMENTATION COMPLETED
2.1.1	Emergency Power Supply		
	Pressurizer Heaters	A	Not Applicable to Nine Mile Point Unit 1
	Pressurizer Level	A	Not Applicable to Nine Mile Point Unit 1
	PORV and Block Valve	A	Not Applicable to Nine Mile Point Unit 1
2.1.2	Relief and Safety Valve Test		
	Program and Schedule	A	Program and schedule will be submitted by BWR Owners Group by January 31, 1980.
2.1.3.a	Direct Indication of Valve Position	A	To be completed within thirty days of equipment delivery to site.

(1) CATEGORY A: IMPLEMENTATION COMPLETE BY JANUARY 1, 1980

NINE MILE POINT UNIT 1
IMPLEMENTATION OF "CATEGORY A"
NUREG-0578 REQUIREMENTS

REQUIREMENT	TITLE	IMPLEMENTATION CATEGORY(1)	DATE IMPLEMENTATION COMPLETED
2.1.3.b	Instrumentation for Inadequate Core Cooling		
	Procedures	A	To be completed in accordance with the schedule established between the Nuclear Regulatory Commission's Bulletins and Orders Task Force and the BWR Owners Group.
	Design of New Instrumentation	A	December 31, 1979
	Subcooling Meter	A	Not Applicable to Nine Mile Point Unit 1
2.1.4	Containment Isolation	A	December 31, 1979
2.1.5	Dedicated H_2 Control Penetrations		
	Description and Schedule	A	December 31, 1979
2.1.5.c	Recombiner Procedures	A	Not applicable to Nine Mile Point Unit 1

(1) CATEGORY A: IMPLEMENTATION COMPLETE BY JANUARY 1, 1980

NINE MILE POINT UNIT 1
IMPLEMENTATION OF "CATEGORY A"
NUREG-0578 REQUIREMENTS

REQUIREMENT	TITLE	IMPLEMENTATION CATEGORY(1)	DATE IMPLEMENTATION COMPLETED
2.1.6.a	Systems Integrity for High Radioactivity		
	Leak Reduction Program	A	December 31, 1979
	Preventative Maintenance Program	A	December 31, 1979
2.1.6.b	Plant Shielding Review		
	Design Review	A	January 31, 1979
2.1.7.a	Auto Initiation of AFW		
	Control Grade	A	Not applicable to Nine Mile Point Unit 1
2.1.7.b	AFW Flow		
	Control Grade	A	Not applicable to Nine Mile Point Unit 1
2.1.8.a	Post-Accident Sampling		
	Design Review	A	December 31, 1979
	Procedures	A	December 31, 1979
	Description of Plant Modifications	A	December 31, 1979

(1) CATEGORY A: IMPLEMENTATION COMPLETE BY JANUARY 1, 1980

NINE MILE POINT UNIT 1
IMPLEMENTATION OF "CATEGORY A"
NUREG-0578 REQUIREMENTS

REQUIREMENT	TITLE	IMPLEMENTATION CATEGORY(1)	DATE IMPLEMENTATION COMPLETED
2.1.8.b	High Range Radiation Monitors		
	Effluents - Procedures	A	December 31, 1979
2.1.8.c	Improved Iodine Instrumentation	A	December 31, 1979
No Number	Containment Pressure Monitor Containment Water Level Monitor Containment Hydrogen Monitor RSC Venting		
	Design Description Submitted	A	December 31, 1979
2.2.1.a	Shift Supervisor Responsibilities	A	December 7, 1979
2.2.1.b	Shift Technical Advisor		
	Advisor on Duty	A	January 7, 1980
2.2.1.c	Shift Turnover Procedure	A	December 31, 1979
2.2.2.a	Control Room Access	A	December 31, 1979

(1) CATEGORY A: IMPLEMENTATION COMPLETE BY JANUARY 1, 1980

NINE MILE POINT UNIT 1
IMPLEMENTATION OF "CATEGORY A"
NUREG-0578 REQUIREMENTS

REQUIREMENT	TITLE	IMPLEMENTATION CATEGORY(1)	DATE IMPLEMENTATION COMPLETED
2.2.2.b	On Site Technical Support Center		
	Establish Center	A	December 31, 1979
2.2.2.c	On Site Operation Support Center	A	December 31, 1979

(1) CATEGORY A: IMPLEMENTATION COMPLETE BY JANUARY 1, 1980

LESSONS LEARNED

EQUIPMENT AVAILABILITY

Lessons Learned Topic Number: (2.1.3.a)

Title: Relief and Safety Valve Position for PWR's and BWR's

Plant: Nine Mile Point Unit #1

Equipment Description: Valve Monitoring System (Primary Vendor)

Manufacturer: Babcock and Wilcox

- Address: P.O. Box 1260/1920 Atherholt Road/Lynchburg, VA
- Telephone #: 804-384-1511

Equipment Order Date: 9/27/79*

Purchase Order Number or Other Identification: PO #86163

Estimated Delivery Date: All equipment will be delivered in January, except for hardline cable (supplied by Sub-Vendor Endevco). See Page 2.
Basis for Delivery Date: Cable delivery is based on material availability NMPC has paid expediting charges to receive on these dates.

Proposed Installation Date: See Page 2

Basis for Proposed Date: See Page 2

Time to Install this Equipment: See Page 2

Shutdown Required (?): See Page 2

Expected Duration of Shutdown See Page 2

Date Down: See Page 2

Restart Date: See Page 2

Other Planned Activities During Shutdown: See Page 2

*NOTE: These dates of the Purchase Orders reflect the original dates. However, changes of scope required later changes to these orders.

LESSONS LEARNED

EQUIPMENT AVAILABILITY

Lessons Learned Topic Number: (2.1.3.a)

Title: Relief and Safety Valve Position For PWRs and BWRs

Plant: Nine Mile Point Unit #1

Equipment Description: Hermetically sealed Hardline Coaxial Cable

Manufacturer: Endevco (Ordered through Babcock and Wilcox)

- Address: Dynamic Inst. Div./Rancho Viejo Road/San Juan Capistrano, Cal.
- Telephone #: (714) 493-8181

Equipment Order Date: 9/27/79

Purchase Order Number or Other Identification: P.O. #86163

Estimated Delivery Date: Endevco is shipping the cable directly to our connector manufacturer who will install connectors, compatible without penetrations on the cable.

Basis for Delivery Date: Cable will be shipped as follows: 24-10' lengths on January 7th, the remaining 30 and 160 ft. lengths will be shipped weekly. This will conclude on Feb. 20. See next page for our delivery.

Proposed Installation Date: See Shutdown dates.

Basis for Proposed Date: Installation to follow immediately after delivery.

Time to Install this Equipment: 10-20 days

Shutdown Required (?): Yes

Expected Duration of Shutdown

Date Down: Within 30 days after equipment delivered

Restart Date: 10-20 days after shutdown

Other Planned Activities During Shutdown: Finish up 79-14 and minor modifications

LESSONS LEARNED

EQUIPMENT AVAILABILITY

Lessons Learned Topic Number: (2.1.3.a)

Title: Relief and Safety Valve Position for PWR's and BWR's

Plant: Nine Mile Point Unit #1

Equipment Description: Penetration Assembly and Connectors (Electrical)

Manufacturer: D. G. O'Brien Company

- Address: 1 Chase Park/Seabrook, New Hampshire 03874
- Telephone #: 603-474-5571

Equipment Order Date: September 25, 1979

Purchase Order Number or Other Identification: P.O. #602743

Estimated Delivery Date: The penetration will be delivered on 2/21/80

Basis for Delivery Date: The connectors, which O'Brien is installing on the Endevco Cable, will be delivered ONE week after the cable is received. Therefore, the last piece of equipment will be received at Nine Mile on February 27, 1980.

Proposed Installation Date: See Page 2

Basis for Proposed Date: See Page 2

Time to Install this Equipment: See Page 2

Shutdown Required (?): See Page 2

Expected Duration of Shutdown See Page 2

Date Down: See Page 2

Restart Date: See Page 2

Other Planned Activities During Shutdown: See Page 2