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TERRY,C.D. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
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SUBJECT: Provides response to NRC Bulletin 92-001,Suppl 1, "Failure of Thermo-Lag 330 Fire Barrier Sys to Perform its Specified Fire Endurance Function."

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/301 PLAINFIELD ROAD, SYRACUSE, N.Y. 13212/TELEPHONE (315) 474-1511

September 29, 1992
NMP1L 0700

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Re:	Nine Mile Point Unit 1	Nine Mile Point Unit 2
	Docket No. 50-220	Docket No. 50-410
	DPR-63	NPF-69
	TAC No. M83899	TAC No. M83900

Gentlemen:

SUBJECT: RESPONSE TO NRC BULLETIN NO. 92-01, SUPPLEMENT 1, FAILURE OF THERMO-LAG 330 FIRE BARRIER SYSTEM TO PERFORM ITS SPECIFIED FIRE ENDURANCE FUNCTION

Nuclear Regulatory Commission (NRC) Bulletin 92-01, Supplement 1, requests licensees to take specific actions regarding all Thermo-Lag 330 fire barrier installations used to protect safe shutdown capability. This letter provides Niagara Mohawk Power Corporation's response to the supplement actions for Nine Mile Point Units 1 and 2 (NMP1 and NMP2).

Niagara Mohawk has limited applications involving Thermo-Lag 330 installed at NMP1 and NMP2 within the scope of Bulletin 92-01, Supplement 1. The specific plant applications of Thermo-Lag 330 beyond those described in NMPC's July 24, 1992 response to Bulletin 92-01 (attached) are as follows:

NMP1:
- HVAC duct protection in Turbine Building running from the Control Room to the Auxiliary Control Room.
- Pull Box 19717Y in the Screenhouse.

NMP2:
- 2SWP*MOV50A in the Screenwell Building.
- HVAC ducts running through each Emergency Diesel Day Tank room.
- HVAC duct in Control Building - 279' elevation.
- Cover on Control Building dumbwaiter - 317' elevation.

After identifying the above applications of Thermo-Lag 330, appropriate compensatory measures were taken in accordance with plant procedures. Specifically, on August 28, 1992, roving fire watches were established and verification of the operability of fire detectors on one side of the suspect fire barriers was completed to ensure fire barrier integrity for all components listed above. These compensatory measures are consistent with the technical specifications, UFSARs, and licensing bases.

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We conclude, after evaluating the additional testing reported in Supplement 1, that more test information will be necessary to ascertain whether installation differences at Nine Mile Point assure the subject fire barriers' operability. Accordingly, we have declared the Thermo-Lag fire barriers identified herein and in our response to Bulletin 92-01, dated July 24, 1992, inoperable.

Appropriate actions to restore fire barrier operability are being developed through an industry program being coordinated by NUMARC. This program will include establishment of a test database, development of guidance for applicability of tests, development of generic installation guidance, and consideration and coordination of additional testing as appropriate. We will apply the results of these efforts, when completed, to the Thermo-Lag installations within the scope of Supplement 1 to Bulletin 92-01 and Bulletin 92-01.

Niagara Mohawk will continue the prescribed compensatory measures until corrective actions can be identified and implemented to assure or restore the operability of the affected fire barriers.

Very truly yours,

C. D. Terry
Vice President
Nuclear Engineering

AER/MJG/sek
002590LL

xc: Regional Administrator, Region I
Mr. W. L. Schmidt, Senior Resident Inspector
Mr. R. A. Capra, Director, Project Directorate I-1, NRR
Mr. D. S. Brinkman, Senior Project Manager, NRR
Mr. J. E. Menning, Project Manager, NRR
Mr. L. E. Nicholson, Section Chief, Reactor Projects, Branch No. 1B
Mr. B. Bradley, NUMARC
Records Management

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	]	
	]	
Niagara Mohawk Power Corporation	]	Docket No. 50-220 and 50-410
	]	
(Nine Mile Point Units 1 and 2)	]	

AFFIDAVIT

C. D. Terry, being duly sworn, states that he is Vice President Nuclear Engineering of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information, and belief.

C. D. Terry
Vice President
Nuclear Engineering

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Wayne, this 29th day of September, 1992.

Rebecca F Purdum
Notary Public in and for
Wayne County, New York

My Commission Expires:
Aug. 28, 1993

REBECCA F. PURDUM
Notary Public, State of New York
No. 4955405
Qualified in Wayne County
Commission Expires August 28, 1993

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REBECCA R. PURDUM
Notary Public, State of New York
No. 4956452
Qualified in Wayne County
Commission Expires August 23, 19__

NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/301 PLAINFIELD ROAD, SYRACUSE, N.Y. 13212/TELEPHONE (315) 474-1511

July 24, 1992
NMP1L 0685

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Re:	Nine Mile Point Unit 1	Nine Mile Point Unit 2
	Docket No. 50-220	Docket No. 50-410
	DPR-63	NPF-69
	TAC No. M83899	TAC No. M83900

Gentlemen:

SUBJECT: RESPONSE TO NRC BULLETIN NO. 92-01, FAILURE OF THERMO-LAG 330 FIRE BARRIER SYSTEMS

Nuclear Regulatory Commission (NRC) Bulletin 92-01 requests licensees to take specific actions regarding Thermo-Lag 330 fire barrier installed to protect small diameter conduit and cable trays that provide safe shutdown capability. This letter provides Niagara Mohawk Power Corporation's response to the bulletin actions for Nine Mile Point Units 1 and 2 (NMP1 and NMP2).

Niagara Mohawk has limited applications involving Thermo-Lag 330 installed at NMP1 and NMP2 within the scope of Bulletin 92-01. There is no Thermo-Lag 330 installed on any cable trays at Nine Mile Point Units 1 and 2. The specific plant applications involve conduit only and are as follows:

NMP1:
- Conduits 171-71A, 171-71, 171-151, 171-64A and 171-66 located in the missile barrier enclosure within Diesel Generator 103 Room. All five of these conduits are 1.5".
- Conduit 12B-26A located in the Screenhouse on Elevation 256' at column and row R-13. This conduit is 1.0".

NMP2:
- Conduits 2CC200GM and 2CK201GL located in the Screenwell Building (service water pump room). The conduit sizes are 1.0" and 1.5", respectively.

After identifying the above applications of Thermo-Lag 330, appropriate compensatory measures were taken in accordance with plant procedures. Specifically, on July 1, 1992, roving fire watches were established and verification of the operability of fire detectors on one side of the suspect fire barriers was completed to ensure fire barrier integrity for all conduits listed above. These compensatory measures are consistent with the technical specifications and licensing basis.

Appropriate actions to restore fire barrier operability are being developed through an industry program being coordinated by NUMARC. This program will include establishment of a test database, development of guidance for applicability of tests, development of generic installation guidance, and consideration and coordination of additional testing as appropriate. We will apply the results of these efforts, when completed, to the Thermo-Lag installations within the scope of Bulletin 92-01. Niagara Mohawk will continue the above compensatory measures until definitive corrective actions are taken to restore operability to the affected fire barriers.

Very truly yours,

C. D. Terry
Vice President
Nuclear Engineering

AER/sek

xc: Regional Administrator, Region I
Mr. W. L. Schmidt, Senior Resident Inspector
Mr. R. A. Capra, Director, NRR
Mr. D. S. Brinkman, Senior Project Manager, NRR
Mr. J. E. Menning, Project Manager, NRR
Mr. B. Bradley, NUMARC
Mr. L. E. Nicholson, Section Chief, Reactor Projects, Branch No. 1B
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AFFIDAVIT

C. D. Terry, being duly sworn, states that he is Vice President Nuclear Engineering of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information, and belief.

C. D. Terry
Vice President
Nuclear Engineering

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 24th day of July, 1992.

Notary Public in and for
Onondaga County, New York

JO ANN BOUTHILLIER
Notary Public in the State of New York
Qualified in Onondaga County No. 4713804
My Commission Expires March 30, 19 Aug 31, 1994

My Commission Expires:
Aug 31, 1994

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