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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C. V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards addl info in support of B60923 FSAR changes re fire protection measures for RCIC pump room & reactor bldg 600-volt switchgear room, per B61003 request.

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	BWR PD3 PD		1	1		HAUGHEY, M 01		2	2
	BWR PSB		1	1		BWR RSB		1	1
INTERNAL:	ACRS	41	6	6		ADM/LFMB		1	0
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	NRR BWR N. L		1	1		NRR/DHFT/MTB		1	1
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NMP2L 0904
October 10, 1986

Ms. Elinor G. Adensam, Director
BWR Project Directorate No. 3
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, DC 20555

Dear Ms. Adensam:

Re: Nine Mile Point Unit 2
Docket No. 50-410

On October 3, 1986, the Nuclear Regulatory Commission staff requested additional justification for Final Safety Analysis Report changes which were transmitted in my letter dated September 23, 1986 (NMP2L 0884). These changes relate to fire protection measures for the Reactor Core Isolation Cooling Pump Room and the Reactor Building 600-volt Switchgear Room. The attached information responds to this request.

Very truly yours,

C. V. Mangano
C. V. Mangano
Senior Vice President

TS/pns
2120G
Attachment

xc: W. A. Cook, NRC Resident Inspector
Project File (2)

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Boo!
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
Niagara Mohawk Power Corporation)
(Nine Mile Point Unit 2))

Docket No. 50-410

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is Senior Vice President 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. V. Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 10th day of October, 1986.

Christine Austin
Notary Public in and for
Onondaga County, New York

My Commission expires:

CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4787687
~~My Commission Expires March 30, 1987~~

Commission Expires March 30, 19
Notary Public in the State of New York
Christine Austin
Qualified in Onondaga Co. No. 418187

REACTOR BUILDING EL. 289 - 600V SWITCHGEAR ROOM

Switchgear Room Fire Loading: 56 minutes
Fire Protection: Automatic, total flooding CO₂
Safe Shutdown Equipment: None

Reactor - General Area (S) Fire Loading: 30 minutes
Fire Protection: Automatic, sprinkler system in
"20 ft. zone"
Automatic water spray on cable
trays in general area
Safe Shutdown Equipment: None within close
proximity (10 ft.)
of 600V Switchgear
Room

REACTOR BUILDING EL. 175 - RCIC PUMP ROOM

RCIC Pump Room Fire Loading: 2 minutes
Fire Protection: Automatic sprinkler system
Safe Shutdown Equipment: RCIC pumps & associated
equipment

Reactor - General Area (N) Fire Loading: 1 minute* (el. 175)
Fire Protection: Automatic sprinkler system in
the "20 ft. zone"
Safe Shutdown Equipment: RCIC instrumentation
& HVAC equipment
(el. 175 and 196)

Reactor - General Area (S) Fire Loading: 1 minute ** (el. 175)
Fire Protection: Automatic sprinkler system in
the "20 ft. zone"
Safe Shutdown Equipment: HPCS valves &
instrumentation,
containment monitoring
instrumentation, service
water valves (el. 175
and 196)

*Fire loading on General Area-N, el. 196 (communicates with el. 175 via grating) is 51 minutes. Fire protection on el. 196 is cable tray water spray.

**Fire loading on General Area-S, el. 196 (communicates with el. 175 via grating) is 45 minutes. Fire protection on el. 196 is cable tray water spray

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