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AUTH.NAME AUTHOR AFFILIATION
MANGAN,C.V. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Responds to 841207 request for info re Question 240.17 on probable max wind storm effects on main stack.Info to be included in FSAR Amend 17.

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NIAGARA MOHAWK

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

December 20, 1984
(NMP2L 0302)

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Schwencer:

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

Attached is the information for Nine Mile Point Unit 2 requested by your staff during a meeting on December 7, 1984. This material provides a revised response to Nuclear Regulatory Commission question 240.17 regarding the Probable Maximum Wind Storm effects on the main stack and will be included in Final Safety Analysis Report Amendment 17.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

DS:ja
Attachment
xc: R. A. Gramm, NRC Resident Inspector
Project File (2)

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	
Niagara Mohawk Power Corporation	)	Docket No. 50-410
	)	
(Nine Mile Point Unit 2)	)	

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is 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 20th day of December, 1984.

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, 1985

CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4787627
My Commission Expires March 30, 19__

QUESTION F240.17 (2.3.5, SRP 2.4.5)

It is our understanding that the main stack in the northeast corner of the site is designed to withstand wind induced water waves which will be unaffected by the revetment ditch system. Provide details of the analysis including wave heights, periods, bathymetry and the resulting wave force distribution against the stack.

RESPONSE

The safety function of the main stack is to provide an elevated release point for the standby gas treatment system in the event of a LOCA. Therefore, the main stack need not be designed to withstand the effects of the probable maximum wind storm (PMWS) or resulting flood. However, we have evaluated the effects of the probable maximum wind storm and resulting flood and determined that the stack is designed to withstand these effects.