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MANGAN,C.V. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Licensing

Rec'd 9/15/84

SUBJECT: Forwards Suppl 7 to environ rept & Amend 13 to FSAR.

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TITLE: Licensing Submittal: Environmental Rept Amdt & Related Correspondence

NOTES:PNL 1cy FSAR'S & AMDTS ONLY. suppl 7 to ER 05000410

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NIAGARA MOHAWK

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

August 16, 1984
(NMP2L 0129)

TI 8/22/84

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

Dear Mr. Eisenhut:

Re: Amendment 13 to Application to Operating License
Nine Mile Point Unit 2
Docket No. 50-410

In accordance with 10CFR50.30(c)(1), 10CFR51.24 and your March 29, 1983 letter, enclosed are three originals and 60 copies of Amendment 13 to the Final Safety Analysis Report and 41 copies of Supplement 7 to the Environmental Report. These changes incorporate certain responses into the text of the Final Safety Analysis Report or Environmental Report, as appropriate. Also included are changes which have resulted from our continuing review of these documents.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

JM:ja
Enclosure

Two Rids

Cool
9/41 Suppl
7 to ER

B001
3/40 Amdt 13 FSAR &
Append. 9B - Append R Review

8408230332 840816
PDR ADOCK 05000410
C PDR

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 16th day of August, 1984.

Janis M Macro
Notary Public in and for
Onondaga County, New York

My Commission expires:

JANIS M. MACRO
Notary Public in the State of New York
Qualified in Onondaga County No. 4784555
My Commission Expires March 30, 1985

INSERTION INSTRUCTIONS

VOLUME 1

Remove	Insert
Figure 2.5-2	Figure 2.5-2

INSERTION INSTRUCTIONS

VOLUME 2

Remove	Insert
2.7-3/2.7-4	2.7-3/2.7-4
3.4-9/3.4-10	3.4-9/3.4-10
5.3-45/5.3-46	5.3-45/5.3-46
5.4-9/5.4-10	5.4-9/5.4-9a
---	5.4-9b/5.4-10

INSERTION INSTRUCTIONS

VOLUME 3

Remove	Insert
7-i/7-ii	7-i/7-ii
7.1-3/7.1-4	7.1-3/7.1-4
---	7.1-4a/7.1-4b
7.1-5/7.1-6	7.1-5/7.1-6
7.1-7/7.1-8	7.1-7/7.1-8
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Table 7.1-3 (Sh 1 of 2)	Table 7.1-3 (Sh 1 of 2)
Table 7.1-3 (Sh 2 of 2)	Table 7.1-3 (Sh 2 of 2)
Appendix 7B Title Page	Appendix 7B Title Page
7B-i/-	7B-i/7B-ii
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Table 7B-2 (Sh 1 of 2)	Table 7B-2 (Sh 1 of 2)
Table 7B-2 (Sh 2 of 2)	Table 7B-2 (Sh 2 of 2)
Table 7B-3 (Sh 1 of 3)	Table 7B-3 (Sh 1 of 4)
Table 7B-3 (Sh 2 of 3)	Table 7B-3 (Sh 2 of 4)
Table 7B-3 (Sh 3 of 3)	Table 7B-3 (Sh 3 of 4)
---	Table 7B-3 (Sh 4 of 4)
Table 7B-4 (Sh 1 of 7)	Table 7B-4 (Sh 1 of 9)
Table 7B-4 (Sh 2 of 7)	Table 7B-4 (Sh 2 of 9)
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Table 7B-4 (Sh 4 of 7)	Table 7B-4 (Sh 4 of 9)
Table 7B-4 (Sh 5 of 7)	Table 7B-4 (Sh 5 of 9)
Table 7B-4 (Sh 6 of 7)	Table 7B-4 (Sh 6 of 9)
Table 7B-4 (Sh 7 of 7)	Table 7B-4 (Sh 7 of 9)
---	Table 7B-4 (Sh 8 of 9)
---	Table 7B-4 (Sh 9 of 9)
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---	Table 7B-10 (Sh 1 of 2)
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---	Table 7B-11 (Sh 1 of 4)
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---	Table 7B-11 (Sh 4 of 4)
---	Table 7B-12 (Sh 1 of 9)
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---	Table 7B-12 (Sh 8 of 9)
---	Table 7B-12 (Sh 9 of 9)
Figure 7C-2	Figure 7C-2

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES VOLUME

Remove	Insert
EQR-i/EQR-ii	EQR-i/EQR-ii
Q&R E240.4-1/-	Q&R E240.4-1/-
Table 451.16-7	Table 451.16-7

NINE MILE POINT NUCLEAR STATION UNIT 2
NIAGARA MOHAWK POWER CORPORATION

ER-OLS AMENDMENT RECEIPT ACKNOWLEDGMENT

I acknowledge receipt of:

Supplement 7

My copy has been updated, and superseded pages have been removed and destroyed.

Set Reassignment and/or Set Holder Change of Address
(if necessary)

Please reassign this manual to, and/or change my address as follows:

_____

_____

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_____

Please furnish all requested information and return to:

A. L. Monahan
Stone & Webster Engineering Corporation
3 Executive Campus
P.O. Box 5200
Cherry Hill, NJ 08034

Name of set holder _____ Set No. _____

Company _____

Signature _____ Date _____

C2/1217719/3/2RH

INSERTION INSTRUCTIONS

The following instructions are for the insertion of the current Supplement into the Unit 2 ER-OLS. Remove pages, tables, and/or figures listed in the REMOVE column and replace them with the pages, tables, and/or figures listed in the INSERT column. Dashes (---) in either column indicate no action required.

Vertical bars have been placed in the margins of inserted pages and tables to indicate revision locations.

QUESTION E240.4 (7.1)

Calculate the radiological consequences of a liquid pathway release from a postulated core melt accident. The analysis should assume, unless otherwise justified, that there has been a penetration of the reactor basement by the molten core mass, and that a substantial portion of radioactively contaminated suppression pool water was released to the ground. Doses should be compared to those calculated in the Liquid Pathway Generic Study (NUREG-0440, 1978). Provide a summary of your analysis procedures and the values of parameters used (such as permeabilities, gradients, populations affected, water use). It is suggested that meetings with the staff of the Hydrologic Engineering Section be arranged so that we may share with you the body of information necessary to perform this analysis.

RESPONSE

As agreed during a meeting held with the NRC's Hydraulic Engineering Section on November 17, 1983, a response to this question will be submitted in the second quarter of 1984. 5

TABLE 451.16-7

COMPARISON OF ANNUAL ONSITE 61-M (200-FT) WIND DIRECTION FREQUENCY DUSTRIBUTIONS

Directional Sector	Jan 1974 through Dec 1976 and Nov 1978 through Oct 1980 (%)	Jan 1974 through Dec 1974 (%)
NNE	4.0	4.1
NE	3.9	4.8
ENE	2.0	1.9
E	2.5	2.7
ESE	4.5	4.7
SE	9.3	10.0
SSE	8.0	8.1
S	9.8	11.6
SSW	5.4	5.1
SW	6.0	4.7
WSW	10.5	9.1
W	11.0	9.5
WNW	7.8	8.3
NW	6.2	6.1
NNW	3.8	3.9
N	4.3	4.9
Calm	0.3	0.4