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

SUBJECT: Amend 14 to 01 application, consisting of Amend 14 to FSAR,
 Affidavit encl.

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NOTES: PNL 1cy FSAR'S & AMDTS ONLY.

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EXTERNAL: ACRS 41	6 6	BNL (AMDTS ONLY)	1 1
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LPDR 03	1 1	NRC PDR 02	1 1
NSIC 05	1 1	NTIS	1 1

NOTES: 1 1

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

OCTOBER 5, 1984
(NMP2L 0169)

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 14 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 14 to the Final Safety Analysis Report. These changes incorporate certain responses into the text of the Final Safety Analysis Report as appropriate. Also included are changes which have resulted from our continuing review of these documents.

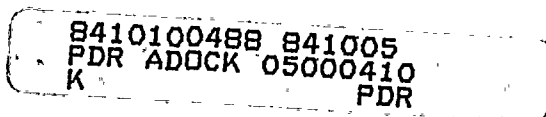
Very truly yours,

A handwritten signature in cursive script, appearing to read 'C. V. Mangan'.

C. V. Mangan
Vice President

Nuclear Engineering & Licensing

JM:ja
Enclosure
xc: Project File (2)



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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 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 24th day of September, 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

CHURCHILL VESTING
Nashville, Tenn. in the State of New York
Continued in O'Connell's Co. No. 418101
Continuation Extract March 20, 19—

NINE MILE POINT NUCLEAR STATION UNIT 2
NIAGARA MOHAWK POWER CORPORATION

FSAR AMENDMENT RECEIPT ACKNOWLEDGEMENT

I acknowledge receipt of:

Amendment 14

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:

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 _____

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

The following instructions are for the insertion of the current amendment into the Nine Mile Point Unit 2 FSAR.

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.

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 2

Remove

1-vii/1-viii

Figure 1.2-17 (Sh 1 of 3 through
3 of 3)

Table 1.8-1 (155 of 169)

Table 1.8-2 (7 of 14)

Table 1.8-2 (9 of 14)

1.10-5/1.10-6

1.10-9/1.10-10

1.10-19/1.10-19a

1.10-25/1.10-26

1.10-29/1.10-30

1.10-33/1.10-34

1.10-35/1.10-36

1.10-47/1.10-48

1.10-61/1.10-62

1.10-64a/1.10-64b

1.10-64c/1.10-64d

Table II.B.3-1 (1 and 2 of 2)

Table II.B.3-2

1.10-83/1.10-84

1.10-91/1.10-92

Insert

1-vii/1-viii

Figure 1.2-17 (Sh 1 of 6 through
6 of 6)

Table 1.8-1 (155 of 169)

Table 1.8-2 (7 of 14)

Table 1.8-2 (7a of 14)

Table 1.8-2 (9 of 14)

1.10-5/1.10-6

1.10-9/1.10-9a

1.10-9b/1.10-10

1.10-19/1.10-19a

1.10-25/1.10-26

1.10-29/1.10-30

1.10-30a/1.10-30b

1.10-33/1.10-33a

1.10-33b/1.10-34

1.10-35/1.10-35a

1.10-35b/1.10-36

1.10-47/1.10-47a

1.10-47b/1.10-48

1.10-61/1.10-62

1.10-64a/1.10-64b

1.10-64c/1.10-64d

Table II.B.3-1 (1 and 2 of 2)

Table II.B.3-2

1.10-83/1.10-84

1.10-84a/1.10-84b

1.10-91/1.10-92

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 3

Remove

2-vii/2-viii

2-xxvii/2-xxviii

2.5-193/2.5-194

2.5-195/2.5-196

2.5-219/2.5-220

Table 2.5-45

Insert

2-vii/2-viii

2-viia/2-viib

2-xxvii/2-xxviii

2-xxviia/2-xxviib

2-xxviic/2-xxviid

2.5-193/2.5-194

2.5-194a/2.5-194b

2.5-194c/2.5-194d

2.5-194e/2.5-194f

2.5-194g/2.5-194h

2.5-194i/2.5-194j

2.5-194k/2.5-194l

2.5-195/2.5-196

2.5-219/2.5-220

Table 2.5-45



INSERTION INSTRUCTIONS

VOLUME 4 (Cont)

Remove

Insert

Figure 2.5-189
Figure 2.5-190
Figure 2.5-191
Figure 2.5-192 (Sh 1 and 2 of 2)
Figure 2.5-193 (Sh 1 and 2 of 2)
Figure 2.5-194
Figure 2.5-195
Figure 2.5-196
Figure 2.5-197 (Sh 1 of 3 through 3 of 3)
Figure 2.5-198 (Sh 1 of 6 through 6 of 6)
Figure 2.5-199 (Sh 1 of 5 through 5 of 5)
Figure 2.5-200 (Sh 1 and 2 of 2)
Figure 2.5-201 (Sh 1 of 3 through 3 of 3)
Figure 2.5-202
Figure 2.5-203
Figure 2.5-204
Figure 2.5-205
Figure 2.5-206
Figure 2.5-207
Figure 2.5-208 (Sh 1 of 10 through 10 of 10)
Figure 2.5-209
Figure 2.5-210 (Sh 1 of 4 through 4 of 4)
Figure 2.5-211 (Sh 1 and 2 of 2)
Figure 2.5-212 (Sh 1 of 3 through 3 of 3)

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 8

Remove

Table 3.2-1 (13a of 26)

Insert

Table 3.2-1 (12a of 26).
Table 3.2-1 (13a of 26)

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 9

Remove

3.5-15/3.5-16

Insert

3.5-15/3.5-15a

3.5-15b/3.5-16

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 11

Remove

3.9A-9/3.9A-10

3.9A-11/3.9A-12

Table 3.9B-2o

Insert

3.9A-9/3.9A-9a

3.9A-9b/3.9A-10

3.9A-11/3.9A-12

Table 3.9B-2o

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 12

Remove

4.2-1/4.2-2

Insert

4.2-1/4.2-2

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 14

Remove

6.2-85/6.2-86
6.2-87/6.2-88

Insert

6.2-85/6.2-86
6.2-87/6.2-88



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 16

Remove

Table 7.1-3 (5 of 5)

7.7-23/7.7-24

7.7-31/7.7-32

8.2-1/8.2-1a

8.2-5/8.2-6

8.2-6a/8.2-6b

Figure 8.2-1

8.3-57/8.3-57a

8.3-57b/8.3-58

8.3-61/8.3-62

Insert

Table 7.1-3 (5 of 5)

7.7-23/7.7-24

7.7-24a/7.7-24b

7.7-31/7.7-32

8.2-1/8.2-1a

8.2-5/8.2-5a

8.2-5b/8.2-6

8.2-6a/8.2-6b

Figure 8.2-1

8.3-57/8.3-57a

8.3-57b/8.3-58

8.3-61/8.3-62

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 17

Remove

9-xi/9-xii

9.1-9/9.1-10

Insert

9-xi/9-xii

9.1-9/9.1-9a

9.1-9b/9.1-10

9.1-10a/9.1-10b



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Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 21

Remove

9.5-25/9.5-25a
9.5-51/9.5-51a
9.5-51b/9.5-52
9.5-52a/9.5-52b
9.5-57/9.5-57a
9.5-61/9.5-61a
9.5-61b/9.5-62

Insert

9.5-25/9.5-25a
9.5-51/9.5-51a
9.5-51b/9.5-52
9.5-52a/9.5-52b
9.5-57/9.5-57a
9.5-61/9.5-61a
9.5-61b/9.5-62

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 23

Remove

9A.3-31/9A.3-32

9A.3-49b/9A.3-50

Insert

9A.3-31/9A.3-31a
9A.3-31b/9A.3-32
9A.3-49b/9A.3-50
9A.3-50a/9A.3-50b

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 24

Remove

10.4-9/10.4-10
10.4-28a/10.4-28b

Insert

10.4-9/10.4-10
10.4-28a/10.4-28b

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 26

Remove

13-v/13-vi
13-vii/13-viii

Table 13.1-3 (2 of 7)
Table 13.1-3 (2a of 7)
Table 13.1-3 (2b of 7)
Table 13.1-3 (3 of 7)
Table 13.1-4 (2 of 4)

Figure 13.1-7

13.2-55/13.2-56

Table 14.2-43 (1 and 2 of 2)
Table 14.2-49 (1 and 2 of 2)
Table 14.2-51 (1 and 2 of 2)
Table 14.2-57 (1 and 2 of 2)
Table 14.2-70 (1 and 2 of 2)
Table 14.2-72 (1 and 2 of 2)
Table 14.2-123 (1 and 2 of 2)
Table 14.2-125 (1 through 3 of 3)

Insert

13-v/13-vi
13-vii/13-viii

Table 13.1-3 (2 of 7)
Table 13.1-3 (2a of 7)
Table 13.1-3 (2b of 7)
Table 13.1-3 (3 of 7)
Table 13.1-4 (2 of 4)
Table 13.1-4 (2a of 4)
Figure 13.1-7

13.2-55/13.2-56
Table 13.2-3

Table 14.2-43 (1 and 2 of 2)
Table 14.2-49 (1 and 2 of 2)
Table 14.2-51 (1 and 2 of 2)
Table 14.2-57 (1 and 2 of 2)
Table 14.2-70 (1 and 2 of 2)
Table 14.2-72 (1 and 2 of 2)
Table 14.2-123 (1 and 2 of 2)
Table 14.2-125 (1 through 3 of 3)

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

APPENDIX 9B

Remove

9B.8-1/-
Table 9B.8-2 (27 of 38)
Table 9B.8-2 (29 of 38)
Table 9B.8-2 (29a of 38)
Table 9B.8-2 (29b of 38)
Table 9B.8-2 (29c of 38)
Table 9B.8-2 (29d of 38)
Table 9B.8-2 (29e of 38)
Table 9B.8-2 (29f of 38)

Insert

9B.8-1/-
Table 9B.8-2 (27 of 38)
Table 9B.8-2 (29 of 38)
Table 9B.8-2 (29a of 38)
Table 9B.8-2 (29b of 38)
Table 9B.8-2 (29c of 38)
Table 9B.8-2 (29d of 38)
Table 9B.8-2 (29e of 38)
Table 9B.8-2 (29f of 38)

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 1

Remove

FQR-i through FQR-xix

Q&R F100.6-1

Q&R F240.10-1/2

Q&R F240.11-1

Q&R F241.18-1

Insert

FQR-i through FQR-xix

Q&R F100.6-1

Q&R F240.10-1/2

Q&R F240.11-1

Q&R F241.18-1



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 2

Remove

Insert

FQR-i through FQR-xix

FQR-i through FQR-xix

Q&R F271.10-1/2

Q&R F271.10-1/2

Q&R F271.10-3/-

Q&R F271.10-3/4

Q&R F410.45-1

Q&R F410.45-1

Q&R F410.46-1

Q&R F410.46-1

Q&R F410.47-1

Q&R F410.47-1

Q&R F421.3-1/2

Q&R F421.3-3/4

Figure 421.3-1

Q&R F421.4-1/2

Q&R F421.4-3/4

Q&R F421.10-1

Q&R F421.10-1/2

Q&R F421.10-3

Q&R F421.12-1

Q&R F421.13-1/2

Q&R F421.13-3/4

Q&R F421.13-5/6

Q&R F421.13-7/8

Q&R F421.13-9/-

Figure 421.13-1

Figure 421.13-2

Figure 421.13-3

Q&R F421.15-1

Table 421.15-1 (1 and 2 of 2)

Q&R F421.18-1

Q&R F421.18-1/2

Q&R F421.20-1/2

Q&R F421.20-3

Q&R F421.23-1/2

Q&R F421.23-3

Q&R F421.25-1

Q&R F421.25-1

Q&R F421.27-1/2

Q&R F421.27-3/4

Q&R F421.27-5/6

Q&R F421.27-7/8

Q&R F421.27-9/10

Q&R F421.27-11/12

Q&R F421.27-13/14

Q&R F421.28-1

Q&R F421.28-1

Q&R F421.34-1/2

Q&R F421.34-2a/2b

Q&R F421.36-1

Table 421.36-1 (1 of 18 through
18 of 18)

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 2 (Cont)

Remove

Q&R F430.2-1
Q&R F430.3-1
Figure 430.7-1
Q&R F430.23-1/2
Q&R F430.23.3/4

Q&R F430.24-1
Q&R F430.58-1
Q&R F430.87-1
Q&R F430.97-1
Q&R F430.99-1
Q&R F430.100-1
Q&R F430.102-1/2
Q&R F430.105-1

Insert

Q&R F421.37-1/2
Q&R F421.42-1/2
Q&R F421.42-3
Q&R F421.43-1/2
Q&R F421.43-3/4
Q&R F421.43-5
Q&R F421.44-1/2
Q&R F421.47-1
Table 421.47-1 (1 of 17 through
(17 of 17)

Q&R F430.2-1/2
Q&R F430.3-1
Figure 430.7-1
Q&R F430.23-1/2
Q&R F430.23-3/4
Q&R F430.23-5
Q&R F430.24-1/2
Q&R F430.58-1
Q&R F430.87-1
Q&R F430.97-1
Q&R F430.99-1
Q&R F430.100-1
Q&R F430.102-1/2
Q&R F430.105-1

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 3

Remove

FQR-i through FQR-xix

Q&R F440.16-1/-

Q&R F460.18-1

Q&R F460.19-1

Q&R F640.1-1

Q&R F640.2-1

Q&R F640.06-1

Q&R F640.08-1/2

Q&R F640.13-1

Q&R F640.16-1

Q&R F640.17-1

Q&R F640.19-1

Q&R F640.20-1

Q&R F640.21-1

Q&R F640.31-1

Q&R F640.34-3/4

Q&R F640.34-5/6

Q&R F640.35-1

Insert

FQR-i through FQR-xix

Q&R F440.16-1/2

Q&R F460.18-1

Q&R F460.19-1

Q&R F640.1-1

Q&R F640.2-1

Q&R F640.06-1

Q&R F640.08-1/2

Q&R F640.13-1

Q&R F640.16-1

Q&R F640.17-1

Q&R F640.19-1

Q&R F640.20-1

Q&R F640.21-1

Q&R F640.31-1

Q&R F640.34-3/4

Q&R F640.34-5/6

Q&R F640.35-1

Tab GEOLOGY ITEMS
GI-1/2 through GI-21/22
Table GI-1

Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

LIST OF EFFECTIVE PAGES

Remove

EP 1-1 through EP 1-7
EP 2-1 through EP 2-18
EP 3-1 through EP 3-13
EP 4-1 through EP 4-2
EP 6-1 through EP 6-6
EP 7-1 through EP 7-3
EP 8-1 through EP 8-3
EP 9-1 through EP 9-9
EP 10-1 through EP 10-2
EP 13-1 through EP 13-3
EP 14-1 through EP 14-5
EP SSA-1 through SSA-2
EP Q&R-1 through Q&R-10

Insert

EP 1-1 through EP 1-7
EP 2-1 through EP 2-19
EP 3-1 through EP 3-13
EP 4-1 through EP 4-2
EP 6-1 through EP 6-6
EP 7-1 through EP 7-3
EP 8-1 through EP 8-3
EP 9-1 through EP 9-9
EP 10-1 through EP 10-2
EP 13-1 through EP 13-3
EP 14-1 through EP 14-5
EP SSA-1 through EP SSA-2
EP Q&R-1 through Q&R-11

