

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moho 05000410  
 AUTH. NAME AUTHOR AFFILIATION  
 MANNO, S.F. Niagara Mohawk Power Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 EISENHUT, D.G. Division of Licensing

SUBJECT: Forwards Amend 8 to FSAR.

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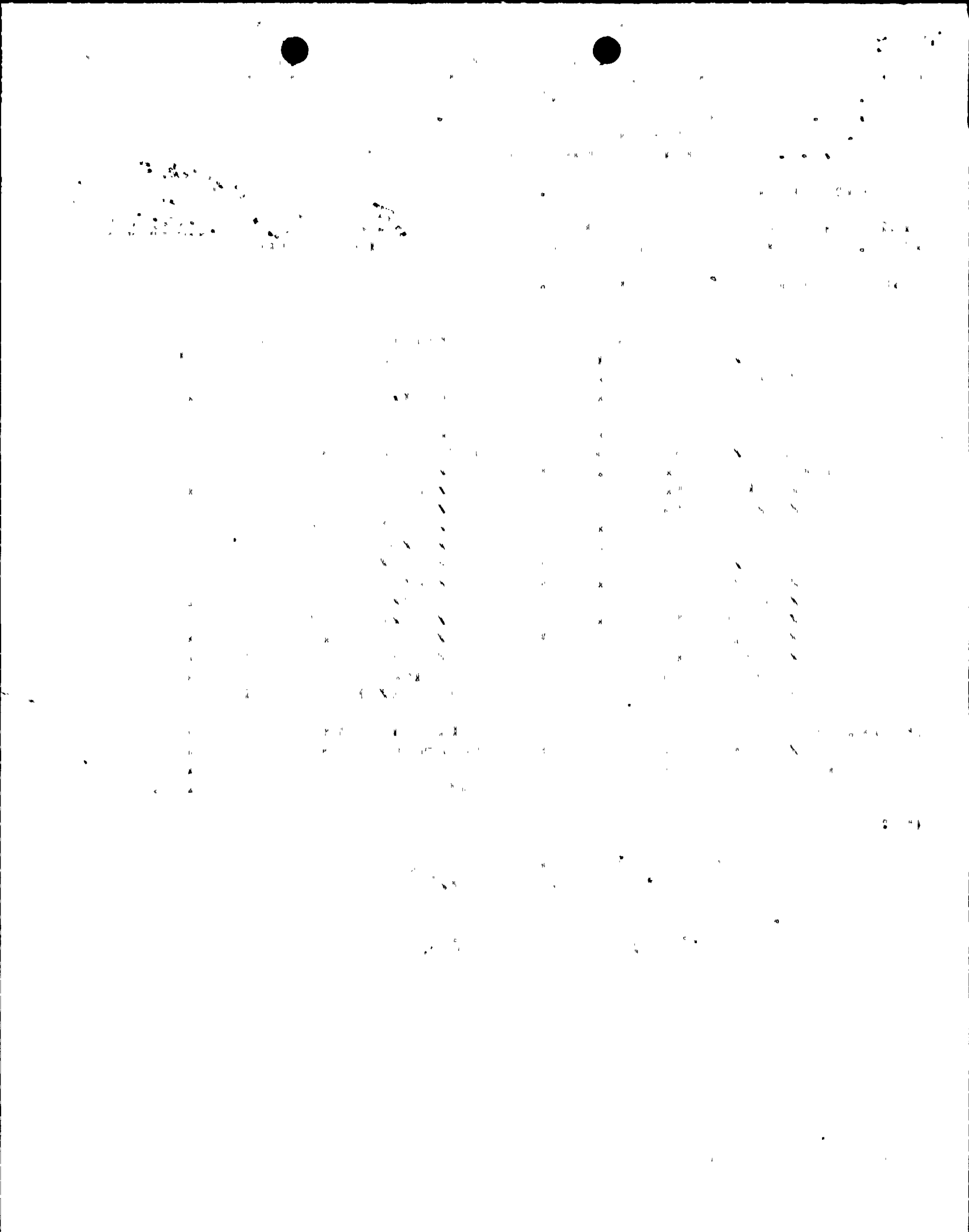
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NOTES:

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January 25, 1984  
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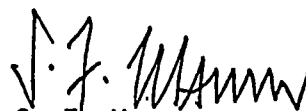
Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Eisenhut:

RE: Amendment 8 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 8 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,



S. F. Manno  
Vice President  
Nuclear Construction

SFM/JM:1f

Enclosure

Boo1  
3/60

8402020359 840125  
PDR ADDCK 05000410  
K PDR



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2

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

2. The second part of the document is a list of names and addresses. The names are: Alice Brown, Charlie White, and David Green. The addresses are: 101 Main St, 202 Elm St, and 303 Oak St.

3. The third part of the document is a list of names and addresses. The names are: Emily Black, Frank Gray, and George Blue. The addresses are: 404 Main St, 505 Elm St, and 606 Oak St.

4. The fourth part of the document is a list of names and addresses. The names are: Helen Red, Ivan Purple, and Julia Yellow. The addresses are: 707 Main St, 808 Elm St, and 909 Oak St.

5. The fifth part of the document is a list of names and addresses. The names are: Kevin Orange, Linda Pink, and Mark Brown. The addresses are: 1010 Main St, 1111 Elm St, and 1212 Oak St.

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

S. F. Manno, 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.

S. F. Manno

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 25<sup>th</sup> day of January, 1983.  
1984 ca

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

My Commission Expires March 30, 19--  
Quincy in Concordia Co. Mo. 6381681  
Texas Public in the State of New York  
CHRISTINE AUSTIN

NINE MILE POINT NUCLEAR STATION UNIT 2  
NIAGARA MOHAWK POWER CORPORATION

FSAR AMENDMENT RECEIPT ACKNOWLEDGMENT

I acknowledge receipt of:

Amendment 8

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

Table 1.8-1 (Sh 60 of 169)  
---  
Table 1.8-1 (Sh 72 of 169)  
Table 1.8-1 (Sh 118 of 169)  
Table 1.8-2 (Sh 7 of 14)

1.10-73b/1.10-73c

---

1.10-73h/1.10-73i

1.10-73j/1.10-73k

---

---

---

---

Insert

Table 1.8-1 (Sh 60 of 169) ✓

Table 1.8-1 (Sh 60a of 169) ✓

Table 1.8-1 (Sh 72 of 169) ✓

Table 1.8-1 (Sh 118 of 169) ✓

Table 1.8-2 (Sh 7 of 14) ✓

1.10-73b/1.10-73c ✓

1.10-73ca/1.10-73cb ✓

1.10-73h/1.10-73i ✓

1.10-73j/1.10-73ja ✓

1.10-73jb/1.10-73k ✓

Table II.E.4.2-1 (Sh 1 of 3)\* ✓

Table II.E.4.2-1 (Sh 2 of 3)\* ✓

Table II.E.4.2-1 (Sh 3 of 3)\* ✓

---

\*Insert after 1.10-73m



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 3

Remove

2.2-7/2.2-8

Figure 2.4-2  
Figure 2.4-10

Insert

2.2-7/2.2-8

Figure 2.4-2  
Figure 2.4-10



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 8

Remove

3-xiii/3-xiv

Table 3.2-1 (Sh 2 of 26)

Insert

3-xiii/3-xiv

Table 3.2-1 (Sh 2 of 26)





Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 9

Remove

3.5-7/3.5-8

Insert

3.5-7/3.5-8



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 10

Remove

3.8-19b/3.8-20

3.8-25/3.8-26

---

3.8-51/3.8-51a

Insert

3.8-19b/3.8-20 ✓

3.8-25/3.8-25a ✓

3.8-25b/3.8-26 ✓

3.8-51/3.8-51a ✓



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 11

Remove

3.9A-1/3.9A-2  
3.9A-2a/3.9A-2b  
3.9A-23/3.9A-24  
3.9A-24a/3.9A-24b  
Table 3.9A-15 (Sh 1 of 2)  
Table 3.9A-15 (Sh 2 of 2)  
Figure 3.9A-1

Insert

3.9A-1/3.9A-2 ✓  
3.9A-2a/3.9A-2b ✓  
3.9A-23/3.9A-24 ✓  
3.9A-24a/3.9A-24b ✓  
Table 3.9A-15 (Sh 1 of 2)  
Table 3.9A-15 (Sh 2 of 2)  
Figure 3.9A-1



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 13

Remove

5.2-29/5.2-30  
Table 5.2-1 (Sh 6 of 8)  
---

5.4-33/5.4-34  
---  
---

5.4-37/5.4-37a  
5.4-37b/5.4-38

6-xix/6-xixa  
6.1-5/-  
Table 6.1-3 (Sh 1 of 1)

Insert

5.2-29/5.2-30 ✓  
Table 5.2-1 (Sh 6 of 8) ✓  
Table 5.2-1 (Sh 6a of 8) ✓

5.4-33/5.4-34 ✓  
5.4-34a/5.4-34b ✓  
5.4-34c/5.4-34d ✓  
5.4-37/5.4-37a ✓  
5.4-37b/5.4-38

6-xix/6-xixa  
6.1-5/-  
Table 6.1-3 (Sh 1 of 1)





Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 14

Remove

6.2-51/6.2-51a  
6.2-51b/6.2-52  
6.2-53/6.2-54  
---  
6.2-71b/6.2-72  
6.2-73/6.2-74  
6.2-75b/6.2-76  
6.2-76a/6.2-76b  
6.2-77/6.2-78  
6.2-79/6.2-80  
6.2-81/6.2-82  
Table 6.2-56 (15 of 24)  
Table 6.2-56 (16 of 24)  
Table 6.2-56 (23 of 24)  
Table 6.2-56 (24 of 24)  
Table 6.2-57 (Sh 1 of 1)  
Table 6.2-59 (Sh 1 of 2)  
Table 6.2-59 (Sh 2 of 2)  
---  
---  
---  
Table 6.2-62 (Sh 1 of 1)  
Figure 6.2-70 (Sh 39 of 41)  
Figure 6.2-72H  
Figure 6.2-72I  
Figure 6.2-72J

Insert

6.2-51/6.2-52  
---  
6.2-53/6.2-53a  
6.2-53b/6.2-54  
6.2-71b/6.2-72  
6.2-73/6.2-74  
6.2-75b/6.2-76  
6.2-76a/6.2-76b  
6.2-77/6.2-78  
6.2-79/6.2-80  
6.2-81/6.2-82  
Table 6.2-56 (15 of 24)  
Table 6.2-56 (16 of 24)  
Table 6.2-56 (23 of 24)  
Table 6.2-56 (24 of 24)  
Table 6.2-57 (Sh 1 of 1)  
Table 6.2-59 (Sh 1 of 2)  
Table 6.2-59 (Sh 2 of 2)  
Table 6.2-59A (Sh 1 of 2)  
Table 6.2-59A (Sh 2 of 2)  
Table 6.2-59B (Sh 1 of 1)  
Table 6.2-62 (Sh 1 of 1)  
Figure 6.2-70 (Sh 39 of 41)  
Figure 6.2-72H  
Figure 6.2-72I  
Figure 6.2-72J



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 15

Remove

Table 7.3-1 (Sh 1 of 1)

Insert

Table 7.3-1 (Sh 1 of 1)



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 16

Remove

8.3-18c/8.3-18d  
8.3-51/8.3-52

Insert

8.3-18c/8.3-18d  
8.3-51/8.3-52



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 17

Remove

9-xxi/-

9.1-9/9.1-10

Insert

9-xxi/-

9.1-9/9.1-10





Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 21

Remove

9.5-39/9.5-40

9.5-43b/9.5-44

---

Table 9.5-1 (Sh 1 of 8)

Table 9.5-1 (Sh 2 of 8)

Table 9.5-1 (Sh 3 of 8)

Table 9.5-1 (Sh 4 of 8)

Table 9.5-1 (Sh 5 of 8)

Table 9.5-1 (Sh 6 of 8)

Table 9.5-1 (Sh 7 of 8)

Table 9.5-1 (Sh 8 of 8)

---

Insert

9.5-39/9.5-40

9.5-43b/9.5-44

9.5-44a/9.5-44b

Table 9.5-1 (Sh 1 of 9)

Table 9.5-1 (Sh 2 of 9)

Table 9.5-1 (Sh 3 of 9)

Table 9.5-1 (Sh 4 of 9)

Table 9.5-1 (Sh 5 of 9)

Table 9.5-1 (Sh 6 of 9)

Table 9.5-1 (Sh 7 of 9)

Table 9.5-1 (Sh 8 of 9)

Table 9.5-1 (Sh 9 of 9)



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 22

Remove

Figure 9.5-44

---

Figure 9.5-45

Insert

Figure 9.5-44 (Sh 1 of 2)

Figure 9.5-44 (Sh 2 of 2)

Figure 9.5-45



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 24

Remove

11-v/11-vi

Insert

11-v/11-vi



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 25

Remove

11.4-1b/11.4-2

---

11.4-3b/11.4-4

11.4-5/11.4-6

Table 11.4-1 (Sh 1 of 1)

Table 11.4-2 (Sh 1 of 1)

Table 11.4-3 (Sh 1 of 5)

---

---

---

12-iii/12-iv

12-v/12-vi

12.2-13/12.2-14

12.2-15/-

Table 12.2-15 (Sh 1 of 1)

12.3-11/12.3-12

---

12.3-31/12.3-32

Insert

11.4-1b/11.4-2

11.4-2a/11.4-2b

11.4-3b/11.4-4

11.4-5/11.4-6

Table 11.4-1 (Sh 1 of 1)

Table 11.4-2 (Sh 1 of 1)

Table 11.4-3 (Sh 1 of 5)

Table 11.4-5 (Sh 1 of 1)

Table 11.4-6 (Sh 1 of 1)

Table 11.4-7 (Sh 1 of 1)

12-iii/12-iv

12-v/12-vi

12.2-13/12.2-14

12.2-15/-

Table 12.2-15 (Sh 1 of 1)

12.3-11/12.3-11a

12.3-11b/12.3-12

12.3-31/12.3-32





Nine Mile Point Unit 2 FSAR.

INSERTION INSTRUCTIONS

VOLUME 26

Remove

14-iii/14-iv through  
14-xi/14-xii

14.2-1/14.2-2  
14.2-9/14.2-10  
14.2-19/14.2-20  
14.2-21/14.2-22  
Table 14.2-1 through  
Table 14.2-100

Insert

14-iii/14-iv through  
14-xi/14-xii

14.2-1/14.2-2  
14.2-9/14.2-10  
14.2-19/14.2-20  
14.2-21/14.2-22  
Table 14.2-1 through  
Table 14.2-120



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

VOLUME 27

Remove

Table 14.2-101 through  
Table 14.2-147

Insert

Table 14.2-121 through  
Table 14.2-403



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

The following instructions are for the insertion of the current Questions and Responses.

Remove pages listed in the REMOVE column and replace them with pages listed in the INSERT column. Dashes (---) in either column indicate no action required.



Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 1

Remove

FQR-i/FQR-ii  
FQR-iii/FQR-iv  
FQR-v/FQR-vi  
FQR-vii/FQR-viii  
FQR-ix/FQR-x  
FQR-xi/FQR-xii  
FQR-xiii/FQR-xiv  
FQR-xv/FQR-xvi

Q&R F281.2-1

Insert

FQR-i/FQR-ii  
FQR-iii/FQR-iv  
FQR-v/FQR-vi  
FQR-vii/FQR-viii  
FQR-ix/FQR-x  
FQR-xi/FQR-xii  
FQR-xiii/FQR-xiv  
FQR-xv/FQR-xvi

Q&R F281.2-1





Nine Mile Point Unit 2 FSAR

INSERTION INSTRUCTIONS  
QUESTIONS AND RESPONSES

VOLUME 2

Remove

Q&R F430.2-1  
Q&R F430.3-1  
Q&R F430.5-1  
---  
---  
---  
Q&R F430.18-1  
Q&R F430.30-1  
Q&R F430.68-1  
Q&R F430.82-1  
Q&R F430.103-1  
Q&R F430.105-1

Q&R F440.9-1

Q&R F460.4-1

Q&R F471.1-1  
Q&R F471.9-1

Q&R F480.19-1  
Q&R F480.39-1

Q&R F640.07-1  
Q&R F640.08-1/Q&R F640.08-2  
Q&R F640.10-1  
Q&R F640.11-1/Q&R F640.11-2  
Q&R F640.15-1  
Q&R F640.16-1  
Q&R F640.17-1  
Q&R F640.18-1  
Q&R F640.19-1  
Q&R F640.20-1  
Q&R F640.21-1

Insert

Q&R F430.2-1  
Q&R F430.3-1  
Q&R F430.5-1/Q&R F430.5-2  
Figure 430.5-1  
Q&R F430.7-1  
Figure 430.7-1  
Q&R F430.18-1  
Q&R F430.30-1  
Q&R F430.68-1  
Q&R F430.82-1  
Q&R F430.103-1  
Q&R F430.105-1

Q&R F440.9-1

Q&R F460.4-1

Q&R F471.1-1  
Q&R F471.9-1/Q&R F471.9-2

Q&R F480.19-1  
Q&R F480.39-1

Q&R F640.07-1  
Q&R F640.08-1/Q&R F640.08-2  
Q&R F640.10-1  
Q&R F640.11-1/Q&R F640.11-2  
Q&R F640.15-1  
Q&R F640.16-1  
Q&R F640.17-1  
Q&R F640.18-1  
Q&R F640.19-1  
Q&R F640.20-1  
Q&R F640.21-1

