NIAGARA MOHAWK

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

February 8, 1985
(NMP2L 0334)

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 17 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 17 to the Final Safety Analysis Report and 41 copies of Supplement 8 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.

As you are aware, the New York Power Authority (NYPA) was previously known as the Power Authority of the State of New York (PASNY). Since this is a change of name only and has no other effects, we have not revised the references to PASNY in either our Final Safety Analysis Report or Environmental Report. Starting with this amendment and supplement, however, we will incorporate this name change in those portions being revised for other reasons.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

JM:ja
Enclosure
xc: Project File (2)

2 Rids

C001 1/41 Suppl 8 To ER

B001 1/60 Amdt 17 To FSAR

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 8 day of February, 1985.

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

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 NUCLEAR STATION UNIT 2
NIAGARA MOHAWK POWER CORPORATION

FSAR AMENDMENT RECEIPT ACKNOWLEDGEMENT

I acknowledge receipt of:

Amendment 17

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 _____

C2/1217718/53/2RH

I.C.2 SHIFT AND RELIEF TURNOVER PROCEDURES

FSAR Cross Reference

Section 13.5.1

NUREG-0737 Position

The licensees shall review and revise as necessary the plant procedure for shift and relief turnover to assure the following:

1. A checklist shall be provided for the oncoming and offgoing Control Room Operators and the oncoming Shift Supervisor to complete and sign. The following items, as a minimum, shall be included in the checklist:

   a. Assurance that critical plant parameters are within allowable limits (parameters and allowable limits shall be listed on the checklist).

   b. Assurance of the availability and proper alignment of all systems essential to the prevention and mitigation of operational transients and accidents by a check of the control console (what to check and criteria for acceptable status shall be included in the checklist).

   c. Identification of systems and components that are in a degraded mode of operation permitted by the Technical Specifications. For such systems and components, the length of time in the degraded mode shall be compared with the Technical Specifications action statement (this shall be recorded as a separate entry on the checklist).

2. Checklists or logs shall be provided for completion by the offgoing and ongoing auxiliary operators and technicians. Such checklists or logs shall include any equipment under maintenance or test that by itself could degrade a system critical to the prevention and mitigation of operational transients and accidents or initiate an operational transient (what to check and criteria for acceptable status shall be included on the checklist).

3. A system shall be established to evaluate the effectiveness of the shift and relief turnover procedure.

Nine Mile Point Unit 2 Position

The Unit 2 shift relief turnover procedures will include:

1. A checklist for incoming and outgoing control room operators and incoming Shift Supervisor to complete and sign. The following items, as a minimum, shall be included in the checklist:

   a. Assurance that critical plant parameters are within allowable limits. (Parameters and allowable limits shall be listed on the checklist.)

   b. Assurance of the availability and proper alignment of all systems essential to the prevention and mitigation of operational transients and accidents by a check of the control console. (What to check and criteria for acceptable status shall be included in the checklist.)

14 c. Identification of systems and components that are in an off-normal or out-of-service mode of operation permitted by the technical specifications. For such systems and components, the length of time in the off-normal and out-of-service mode shall be compared with the technical specifications action statement, if any. (This shall be recorded as a separate entry on the checklist.)

2. Checklists or logs shall be provided for completion by outgoing and incoming operators. Such checklists or logs shall include any equipment under maintenance or test that by itself could degrade a system critical to the prevention and mitigation of operational transients and accidents or initiate an operational transient. (What to check and criteria for acceptable status shall be included on the checklist.)

3. A system shall be established to evaluate the effectiveness of the shift and relief turnover procedure.

INSERTION INSTRUCTIONS

VOLUME 1

Remove	Insert
T 1.3-3 (2 of 3)	T 1.3-3 (2 of 3)

INSERTION INSTRUCTIONS

VOLUME 2

Remove	Insert
T 1.8-1 (89 and 89a of 169)	T 1.8-1 (89 and 89a of 169)
T 1.8-1 (148 of 169)	T 1.8-1 (148 of 169)
T 1.8-1 (155 of 169)	T 1.8-1 (155 and 155a of 169)
T 1.8-2 (7 of 14)	T 1.8-2 (7 of 14)
1.10-5/6	1.10-5/6
1.10-9/9a	1.10-9/9a
1.10-9b/10	1.10-9b/10
1.10-19/19a	1.10-19/19a
1.10-25/26	1.10-25/26
1.10-33/33a	1.10-33/33a
1.10-73jb/k	1.10-73jb/k

INSERTION INSTRUCTIONS

VOLUME 3

Remove	Insert
2.3-7/8	2.3-7/8
2.3-8a/8b	2.3-8a/8b
2.3-61/62	2.3-61/62
2.5-194a/194b	2.5-194a/194b
T 2.5-46B	T 2.5-46B
T 2.5-46C	T 2.5-46C
T 2.5-48C	T 2.5-48C
T 2.5-49	T 2.5-49

INSERTION INSTRUCTIONS

VOLUME 8

Remove	Insert
3-xv/xvi	3-xv/xvi

INSERTION INSTRUCTIONS

VOLUME 10

Remove	Insert
3.8-73/73a	3.8-73/73a

INSERTION INSTRUCTIONS

VOLUME 11

Remove	Insert
3.9A-2a/2b	3.9A-2a/2b
T 3.9B-2o	T 3.9B-2o

INSERTION INSTRUCTIONS

VOLUME 12

Remove	Insert
4.4-9b/9c	4.4-9b/9c
4.4-9d/10	4.4-9d/10

INSERTION INSTRUCTIONS

VOLUME 13

Remove	Insert
T 5.2-1 (6b of 8)	T 5.2-1 (6b of 8)
---	T 5.2-1 (8a of 8)
6-xiii/xiv	6-xiii/xiv
---	6-xiva/xivb

INSERTION INSTRUCTIONS

VOLUME 14

Remove	Insert
6.2-23/24	6.2-23/24
6.2-24a/24b	6.2-24a/24b
---	6.2-24c/24d
6.2-59/60	6.2-59/60
6.2-60a/60b	6.2-60a/60b
6.2-65/66	6.2-65/65a
---	6.2-65b/66
6.2-85/86	6.2-85/85a
---	6.2-85b/86
---	6.2-86a/86b
6.2-87/88	6.2-87/87a
---	6.2-87b/88
T 6.2-3 (2 of 2)	T 6.2-3 (2 of 2)
T 6.2-52	T 6.2-52
T 6.2-56 (1 through 8 of 24b)	T 6.2-56 (1 through 8 of 24b)
T 6.2-56 (10 through 16 of 24b)	T 6.2-56 (10 through 16 of 24b)
T 6.2-56 (18 through 24b)	T 6.2-56 (18, 19, 19a, 20, 21, 22, 23, 24, 24a, and 24b of 24)
T 6.2-60	T 6.2-60
---	F 6.2-28B
---	F 6.2-28C
F 6.2-70 (4 of 43)	F 6.2-70 (4 of 43)
F 6.2-70 (5 of 43)	F 6.2-70 (5 of 43)
F 6.2-70 (8 of 43)	F 6.2-70 (8 of 43)
F 6.2-70 (12 of 43)	F 6.2-70 (12 of 43)
F 6.2-70 (15 of 43)	F 6.2-70 (15 of 43)
F 6.2-70 (36 of 43)	F 6.2-70 (36 of 43)

INSERTION INSTRUCTIONS

VOLUME 16

Remove	Insert
8.2-24c/24d	8.2-24c/24d

INSERTION INSTRUCTIONS

VOLUME 17

Remove	Insert
9-ix/x	9-ix/x

INSERTION INSTRUCTIONS

VOLUME 21

Remove	Insert
9.5-21/22	9.5-21/22
9.5-22a/22b	9.5-22a/22b
---	9.5-22c/22d
---	9.5-22e/22f
9.5-23/23a	9.5-23/23a
9.5-23b/24	9.5-23b/24
9.5-25/25a	9.5-25/25a
9.5-25b/26	9.5-25b/26
9.5-39/40	9.5-39/40
9.5-40a/40b	9.5-40a/40b
9.5-41b/42	9.5-41b/42
9/5-42a/42b	9.5-42a/42b

INSERTION INSTRUCTIONS

VOLUME 23

Remove	Insert
9A-iii/iv	9A-iii/iv
9A.3-57/57a	9A.3-57/57a

INSERTION INSTRUCTIONS

VOLUME 26

Remove	Insert
12.4-1/1a	12.4-1/1a
T 13.1-3 (2 of 7)	T 13.1-3 (2 of 7)
13A-14a/14b	13A-14a/14b
---	13A-14c/14d
---	13A-14e/14f
---	13A-14g/14h
---	13A-14i/14j
---	13A-14k/14l
---	13A-14m/14n
---	13A-14o/14p
---	13A-14q/14r
---	13A-14s/14t
---	13A-14u/14v
---	13A-68c/68d
---	13A-72a/72b
---	13A-72c/72d
---	13A-72e/72f
---	13A-72g/72h
---	13A-72i/72j
---	13A-72k/72l
---	13A-72m/72n
---	13A-72o/72p
13A-129/130	13A-129/129a
---	13A-129b/129c
---	13A-129d/129e
---	13A-129f/129g
---	13A-129h/129i
---	13A-129j/129k
---	13A-129l/130
T 14.2-43 (1 of 2/2 of 2)	T 14.2-43 (1 of 2/2 of 2)
T 14.2-43A (1 of 2/2 of 2)	T 14.2-43A (1 of 3/2 of 3)
---	T 14.2-43A (3 of 3/-)
T 14.2-57 (1 of 2/2 of 2)	T 14.2-57 (1 of 2/2 of 2)
T 14.2-72 (1 of 2/2 of 2)	T 14.2-72 (1 of 2/2 of 2)
T 14.2-77 (1 of 2/2 of 2)	T 14.2-77 (1 of 2/2 of 2)
T 14.2-87 (1 of 2/2 of 2)	T 14.2-87 (1 of 2/2 of 2)
T 14.2-101 (1 of 2/2 of 2)	T 14.2-101 (1 of 2/2 of 2)
T 14.2-110 (1 of 2/2 of 2)	T 14.2-110 (1 of 2/2 of 2)
T 14.2-111 (1 of 2/2 of 2)	T 14.2-111 (1 of 2/2 of 2)

INSERTION INSTRUCTIONS

VOLUME 27

Remove	Insert
T 14.2-124 (1 of 2/2 of 2)	T 14.2-124 (1 of 2/2 of 2)
T 14.2-125 (1 of 3/2 of 3)	T 14.2-125 (1 of 3/2 of 3)
T 14.2-130 (1 of 2/2 of 2)	T 14.2-130 (1 of 2/2 of 2)
T 14.2-225 (1 of 3/2 of 3)	T 14.2-225 (1 of 3/2 of 3)
T 14.2-225 (3 of 3/-)	T 14.2-225 (3 of 3/-)

INSERTION INSTRUCTIONS

APPENDIX 6A (DAR)

Remove	Insert
6A-ix/x	6A-ix/ixa
---	6A-ixb/x
F 6A.1-1	F 6A.1-1
T 6A.4-1	T 6A.4-1 (1 of 2)
---	T 6A.4-1 (2 of 2)
T 6A.4-10 (1 of 2)	T 6A.4-10 (1 of 3)
T 6A.4-10 (2 of 2)	T 6A.4-10 (2 of 3)
---	T 6A.4-10 (3 of 3)
T 6A.4-14 (1 of 2)	T 6A.4-14
T 6A.4-14 (2 of 2)	---
T 6A.4-15 (1 of 2)	T 6A.4-15 (1 of 2)
T 6A.4-15 (2 of 2)	T 6A.4-15 (2 of 2)
T 6A.4-16	T 6A.4-16
F 6A.4-13	F 6A.4-13
F 6A.4-39	F 6A.4-39

INSERTION INSTRUCTIONS

APPENDIX 9B (SSA)

Remove	Insert
T 9B.8-2 (29c of 38)	T 9B.8-2 (29c of 38)

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 1

Remove	Insert
FQR-i through FQR-xix	FQR-i through FQR-xx
Q&R F210.62-3/- T 210.62-1 (1 of 2)	Q&R F210.62-3/- T 210.62-1 (1 of 2)
Q&R F240.10-1/2 ---	Q&R F240.10-1/2 T 240.10-1 (1 and 2 of 2)
Q&R F240.17-1/-	Q&R F240.17-1/-
Q&R F251.5-1/- ---	Q&R F251.5-1/2 Q&R F251.5-3/-

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 2

Remove	Insert
FQR-i through FQR-xix	FQR-i through FQR-xx
Q&R F271.1-1/-	Q&R F271.1-1/-
Q&R F271.2-1/-	Q&R F271.2-1/-
Q&R F271.10-1/2	Q&R F271.10-1/2
---	Q&R F420.01-1/-
Q&R F421.15-1/-	Q&R F421.15-1/-
T 421.15-1 (1 of 2)	T 421.15-1 (1 of 2)
Q&R F421.27-3/4	Q&R F421.27-3/4
Q&R F421.27-9/10	Q&R F421.27-9/10
T 421.36-1 (1 of 18)	T 421.36-1 (1 of 18)
T 421.36-1 (18 of 18)	T 421.36-1 (18 of 18)
---	T 421.36-1 (18a of 18)
---	T 421.36-1 (18b of 18)
Q&R F421.37-1/2	Q&R F421.37-1/2
T 421.47-1 (1, 2, 5, 12, 13, and 17 of 17)	T 421.47-1 (1, 2, 5, 12, 13, and 17 of 17)
Q&R F430.10-1/-	Q&R F430.10-1/-
T 430.16-1 (1 and 2 of 2)	T 430.16-1 (1 and 2 of 2)
Q&R F430.23-3/4	Q&R F430.23-3/4
Q&R F430.55-1/-	Q&R F430.55-1/-
Q&R F430.74-1/-	Q&R F430.74-1/2
Q&R F430.80-1/2	Q&R F430.80-1/2
Q&R F430.86-1/-	Q&R F430.86-1/-

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 3

Remove	Insert
---	F 620.01-37
---	F 620.01-38
---	F 620.01-39
---	F 620.01-40
---	F 620.01-41
---	F 620.01-42
---	Q&R F620.02-1/-
---	Exhibit 620.02-1 (1 and 2 of 2)
---	Q&R F620.03-1/2
---	Exhibit 620.03-1 (1 through 8 of 8)
---	Q&R F620.04-1/-
---	Q&R F620.05-1/-
---	Q&R F640.01-1/-
---	Exhibit 640.01-1 (1 through 4 of 4)
---	Exhibit 640.01-2
---	Exhibit 640.01-3
---	Exhibit 640.01-4
Q&R F640.08-1/2	Q&R F640.08-1/2
Q&R F640.10-1/-	Q&R F640.10-1/2
Q&R F640.13-1/-	Q&R F640.13-1/-
Q&R F640.34-3/4	Q&R F640.34-3/4
Attach 640.34-1 (1 of 3)	Attach 640.34-1 (1 of 3)
Attach 640.34-1 (2 of 3)	Attach 640.34-1 (2 of 3)
---	Attach 640.34-1 (2a of 3)
---	Attach 640.34-1 (2b of 3)
GI-1/2	GI-1/2
GI-3/4	GI-3/4
GI-5/6	GI-5/6
GI-9/10	GI-9/10
GI-19/20	GI-19/20
T GI-1	T GI-1
---	Tab - Heavy Loads
---	Title page
---	i/ii
---	iii/-
---	1-1/-
---	2-1/-
---	3-1/2
---	3-3/4
---	3-5/6
---	3-7/8

INSERTION INSTRUCTIONS

QUESTIONS AND RESPONSES

VOLUME 3

Remove	Insert
---	3-9/10
---	3-11/12
---	Table 3-1
---	Table 3-2 (1 of 4)
---	Table 3-2 (2 of 4)
---	Table 3-2 (3 of 4)
---	Table 3-2 (4 of 4)
---	Table 3-3 (1 through 3 of 3)
---	Table 3-4
---	Table 3-5
---	4-1/-
---	Table 4-1 (1 through 10 of 10)
---	5-1/-
---	F 5-1
---	F 5-2
---	F 5-3
---	F 5-4 (1 and 2 of 2)
---	6-1/-
---	7-1/-
---	8-1/2
---	8-3/4
---	8-5/-
---	9-1/-
---	10-1/2
---	10-3/4

INSERTION INSTRUCTIONS

LIST OF EFFECTIVE PAGES

Remove	Insert
EP 1-1 through EP 1-7	EP 1-1 through EP 1-7
EP 2-1 through EP 2-19	EP 2-1 through EP 2-19
EP 3-1 through EP 3-13	EP 3-1 through EP 3-13
EP 4-1 through EP 4-2	EP 4-1 through EP 4-2
EP 5-1 through EP 5-3	EP 5-1 through EP 5-3
EP 6-1 through EP 6-6	EP 6-1 through EP 6-6
EP 8-1 through EP 8-3	EP 8-1 through EP 8-3
EP 9-1 through EP 9-9	EP 9-1 through EP 9-9
EP 12-1 through EP 12-3	EP 12-1 through EP 12-3
EP 13-1 through EP 13-3	EP 13-1 through EP 13-4
EP 14-1 through EP 14-5	EP 14-1 through EP 14-5
EQD-1	EQD-1
---	EQD-2
DAR-1 through DAR-4	DAR-1 through DAR-4
SSA-1 through SSA-2	SSA-1 through SSA-2
Q&R-1 through Q&R-11	Q&R-1 through Q&R-13