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MANGAN, C. V. Niagara Mohawk Power Corp.
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SUBJECT: Forwards Rev 5 to updated FSAR. Sections IV & XV revised to incorporate significant parameters & analyses associated w/ current fuel cycle. New reload analysis, noting changes re next reload, will be submitted in Dec, 1987 or Jan 1988.

Revised 7-15-87 JHA

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/301 PLAINFIELD ROAD, SYRACUSE, N.Y. 13212/TELEPHONE (315) 474-1511

June 29, 1987
(NMP1L 0164)

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Re: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Gentlemen:

Niagara Mohawk Power Corporation hereby submits one (1) signed original and ten (10) copies of Revision 5 to the Nine Mile Point Nuclear Station Unit 1 Final Safety Analysis Report (Updated). This revision supplies information on a replacement page basis, as indicated on Table 1. A vertical bar indicates textual changes. Figure changes are indicated by revision number and year.

In addition, Table 2 (attached) lists modifications made in accordance with 10CFR50.59 since the last submittal of the Final Safety Analysis Report (Updated) on June 23, 1986. Modifications completed prior to January 1, 1987, were reviewed and, if applicable, incorporated into the Final Safety Analysis Report (Updated).

Sections IV and XV were revised to incorporate significant parameters and analyses associated with the current fuel cycle; however, Niagara Mohawk intends to submit a new reload analysis in December 1987 or early January 1988. The new reload will necessitate extensive changes to these sections of the Final Safety Analysis Report.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

CVMangan
C. V. Mangan
Senior Vice President

DPC/pns
3328G
Attachments
cc: Mr. Jay Dunkelberger
Division of Policy Analysis and Planning
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, NY 12223

A001
1/10

UNITED STATES

NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
Niagara Mohawk Power Corporation	)	Docket No. 50-220
(Nine Mile Point Unit 1)	)	

AFFIDAVIT:

C. V. Mangan, being duly sworn, deposes and says:

I am Senior Vice President of Niagara Mohawk Power Corporation, duly authorized to act on the Corporation's behalf; as such, I have read the documents attached hereto and find that the statements made therein are true to the best of my knowledge, information and belief.

C. V. Mangan
Senior Vice President
Niagara Mohawk Power Corporation

Subscribed, acknowledged and sworn to before me on this 29 day of June, 1987.

MARY FRATESCHI
Notary Public in the State of New York
Qualified in Onondaga County No. 4797550
My Commission Expires June 30, 1989

Mary Frateschi
Notary Public

3328G

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT UNIT 1

Table 2

Modifications Implemented Under 10CFR50.59 Not Previously Submitted to the Nuclear Regulatory Commission*

MOD NUMBER	MODIFICATION DESCRIPTION
76-022	Reactor and Turbine building Crane Hoisting Controls Improve Operating Reliability (150/25 ton), Non-Safety Related
82-050	Replace Cleanup Isolation Valves with Appendix J Test Connections Safety-Related. Not Described in FSAR.
82-090	Control Room Ventilation Positive Pressure (Painted Control Room Peripheral Walls)
82-090-3	Control Room Emergency Vent System Upgrade Safety-Related
82-093	Gamma Traversing In-Core Probe Installation (Replace Neutron Tips with Gamma Tips)
83-047	Relocate Control Room Meteorological Computer Terminals Not Safety-Related, Too Detailed for FSAR
83-058-3	Safety Parameter Display System Implementation of SPDS 1) Additional Process Variables, 2) Hardware Additions and 3) Software Developments
83-074	Improve Transformer Protection Power Board 101 Upgrade
83-075	Power Cable to Process Computer Panel Board 167 to Increase Current Capacity, Non-Safety Related, Not Described in FSAR
83-084	Change Cooling Source of Instrument Air Compressor to Turbine Building Closed Loop Cooling.
84-014	Miscellaneous Process Computer Hardware (CRT's for SPDS & Remote TIP Panel), Non-Safety Related
84-021	Emergency Condenser Steam Line Plug (Request for Procurement Only)
84-052	Turbine Building Closed Loop Cooling Pump Mechanical Seals Non-Safety Related. Not Described in FSAR.

* While some modifications may have been performed earlier, inclusion indicates closeout of the entire modification package.

Table 2 (Continued)

MOD NUMBER	MODIFICATION DESCRIPTION
84-055-1	Emergency Condenser Steam Line Test Taps Not Described in FSAR
84-064	Turbine Valve Test Control Circuit Replace Pushbutton Switches. Non-Safety Related. Connector Details not Described in FSAR.
85-005	Remove Thermal Overload from Reactor Drain Valve 37-09R Then Lock It Closed to Prevent Spurious Opening and Loss of Reactor Coolant Inventory (Reactor Drains Not Discussed in FSAR).
85-025	Replaced Emergency Condenser Steam Line Drain Seismic Restraints Support.
85-026	Automatic Depressurization System Inhibit Switch Modify Confirmatory Logic
85-030	Doppler Acoustic Sodar; Prepare Location By
85-039	Anticipated Transient Without Scram Level Transmitter Test Taps Relocation
85-046	Reactor Protection System Component Supply Voltage-New Cable Routing Specific Cable Routes Not Normally Described in FSAR
85-052	Replace Containment Spray Heat Exchangers/Straps Safety-Related
85-055	Miscellaneous Roof Repairs (Replacement/Maintenance) Replaced Roofing Materials
85-066	Control Blade Pin & Roller Changeout/Replacement Material Upgrade
85-094	Replace, With Larger Gauge, the DC Power Cable Between Emergency Condenser Motor-Operated Isolation Valve and Battery Valve Board
85-098	Containment Isolation on High Radiation (Drywell Vent & Purge)
85-102	Replace SRM/IRM Dry Tubes Mounting with New GE Design Safety-Related, Details Not Described in FSAR
85-108	Reroute Core Spray Pump Control Cables Specific Routing Not Described in FSAR
85-109	ECIV 39-07 Cable Replacement Increased Gauge, Too Detailed for FSAR

Table 2 (Continued)

MOD NUMBER	MODIFICATION DESCRIPTION
85-111	Reactor Vessel Coupon Holder Installation of Coupons 'A' and 'C' Completed During Non-Safety Related/Details Not Described in FSAR
86-016	Repair & Replace Turbine Bypass Valve Linkage Anchor FSAR Description Not Affected, Non-Safety Related
86-019	Add Lugs to Pipe Support 03-H4 Non-Safety Related, Too Detailed for FSAR

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT UNIT 1 FINAL SAFETY ANALYSIS REPORT (UPDATED)

REVISION 5 (1987)

Table 1

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-11	-11
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NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT UNIT 1 FINAL SAFETY ANALYSIS REPORT (UPDATED)

REVISION 5 (1987)

Table 1

Remove and Destroy	Replacement Page
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