REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8207230238 DOC.DATE: 82/07/19 NOTARIZED: YES DOCKET #
FACIL:50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
AUTH.NAME AUTHOR AFFILIATION
LEMPGES,T.E. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards updated FSAR for Nine Mile Point Unit 1.
SEE FSAR VOLS. I-III
DISTRIBUTION CODE: A053S COPIES RECEIVED:LTR 1 ENCL 13 SIZE: 1+1166
TITLE: Updated FSAR(50.71)

NOTES:

	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL
	POLK,P.	01	1	1				
INTERNAL:	IE	05	1	1	REG FILE	02	1	1
	RGN1	06	2	2				
EXTERNAL:	ACRS	09	1	1	FEMA	10	1	1
	LPDR	04	1	1	NRC PDR	03	1	1
	NSIC		1	1	NTIS		1	1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 11 ENCL 11

Connie

NIAGARA MOHAWK

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

July 19, 1982

Mr. Harold Denton
Director, Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

Dear Mr. Denton:

Attached pursuant to 10CFR50.71(e) is one signed original and 12 copies of the Nine Mile Point Nuclear Station Unit 1 Updated FSAR. In addition, attached is a list of all modifications made pursuant to 10CFR50.59 since the last annual report dated December 31, 1976 was submitted.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Thomas E. Lempges

Thomas E. Lempges
Vice President - Nuclear Generation

MGM/kmb
Attachments

A053
s
1/13

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT UNIT 1

Modifications Implemented Under 10 CFR 50.59 Not Previously Submitted to the Nuclear Regulatory Commission

Year	Modification Number	Title
1977	7702	Emerg. Cond. Annunciators
	7703	Seal Oil H_2 Tank
	7704	TSV SW Test Shunts
	7706	Off-Gas Temp Record Mod.
	7707	Lift Frame for Str. Pit
	7708	Valve Separation on RPS-CAD
	7709	4-Way Valve Off-Gas Dr. Tk.
	7710	AOV on Resin-Regen. Sys.
	7711	Reroute FW Booster Pmp Ln
	7712	FW Sparger and Nozzle
	7715	Xmtr Signals to PR Comp.
	7717	Drywell Ladder
	7720	Turbo Crcking Relief Valve
	7721	Modify Loop Seal Drains
	7722	Add Undervolt Relays
	7723	Piping and Supts - Cleanup
	7724	Modify Contmt Spray Lock
	7725	Add Relay Alarms -Cleanup
	7726	Install Filter/Valve-H_2Mon.
	7727	Misc. Mods to Off-Gas
	7728	Add Length Cntl Room Vent
	7729	Switch MSIV - Outside
	7730	Drywell Leak Rate Mods
	7731	Conden Tie to CRD Pump
	7732	Bearing Metal Thermocouple
	7733	Process Rad Monitor Mod.
	7734	Monitor Instru. Dry-Torus
	7735	Test Valves - IV Leakage
	7736	Additional Breathing Air Compressor
	7737	Low Co FW Sampling Assembly
	7738	Removal of Flow Straighten
	7739	Cleanup Pipe Inside Dyrwell
	7740	Fire Prot. Ln in Cafe.
	7741	Instru. to RFP Mech Seals
	7742	Restrainst on BFWP Lines
	7743	Limiting Power Line
	7744	Add Annunciator
	7745	Cross Tie/Sprinkler Addt.
	7746	Relocate #12 FWP Flow Xtrm.
	7748	Add on IV on Inst.
	7749	Add FCV's & Flow Indicator
	7750	Waste Concentrator
	7751	Rx Recir Pump Ammeter
	7753	Add Valve & Gauge Instr. Air
	7754	Add DBL Solenoid Valve
	7755	Add Transfer Line Resreg.
	7757	Pede Door Mod to Rx Bldg. Extension
	7758	Solid Radwaste Immprovement

Year	Modification Number	Title
1978	7801	Bypass to CRD Disch. Hdr.
	7803	TIP Shear Valve Circuitry
	7806	Regen Pnl Chgs NRC
	7807	RFWP #13 RPS Disengage
	7808	FWP Impeller Charge
	7810	ARM TIP Rm Relocate
	7811	CS Pump Lo Suct Press. SW
	7813	Relocate Fire Sprinkler Carr.
	7814	Remove Flow Comp Scram
	7815	Relocate #13 Clutch Elec.
	7816	Add Mov Across CS Isol Vlv.
	7817	Repl Rx. CU Piping in Drywell
	7818	Replace Rx Drain Piping
	7819	Rel & RLC 1st Stg. Dr. Tk.
	7820	Remove Rod Block in Start
	7822	Relocate Radio Antenna
	7823	Add Galx for Rx Level Cont.
	7825	Parallel Rod Group Lights
	7826	Add MVD Vlvs for Demns.
	7827	MSIV Monitoring
	7828	ICRT & ILRT Instruments
	7829	Sample Tops for RBLV
	7830	Off Gas Vac Pump Alarms
	7832	Gauge CAD Alarm State
	7834	Fire Protection System
	7835	Replace Underdrain Later
	7836	Remove Fire Hose at C.R.

Year	Modification Number	Title
1979	7901	Off-Gas Chiller Rel Race
	7902	Torus Quenchers
	7903	Gland Leak Off BV
	7904	Four Mech Snubbers
	7905	MSIV Boxer Rad Process
	7906	TIP Machine Control
	7907	Remove Turbine Into Cover
	7908	Reroute Contmt. Spray Line
	7909	Replace N. Instr. Cover
	7910	Remove FDW Interlock
	7911	Add Gen. Cooling Flo-SW
	7912	ATWS
	7913	PCV Air Supply Solenoids
	7916	Fuel Pool Valve Exch.
	7918	Door Diesel & Power Brds.
	7919	Prot. Area RD - Fire
	7920	Lighting TB 250
	7921	Fire Stops
	7923	Roof C.R. Bullet Resist.
	7924	APRM Slope Hardware
	7925	Data 100 Cable Run

Year	Modification Number	Title
1980	8002	Cont. Rm. Ceiling
	8003	Emerg. & Exit
	8004	Sep. Diesel Drain Sys.
	8005	MOV 128 PB 176
	8006	Hose Stations
	8007	Vent & Purge Valve Mech Stops
	8008	Separate D.G. Lo Lvl Fuel Alarms
	8009	E-field & Area Lighting
	8010	Battery Room Vent
	8011	Reroute Cable PB 101-PB 103
	8012	Cntmt HI Rad Mntrs. TMI-6
	8015	City Water & Sewer For Trailer
	8016	Liqua Blaster Cable Run
	8023	C.R. Emerg. Vent. Charcoal Heaters
	8031	Core Spray Vent & Fill
	8032	5th HP FW Heater
	8033	Process Computer Upgrade
	8034	Rod Position Indication Sys. Chg.
	8035	Rx Refuel Cavity Closure Hatches
	8036	Snubber Replant-Rx RP Mech.
	8037	Cntmt. Accid. Matrs TMI-3
	8038	Inst. for Inadequate Core Cooling TMI-4
	8041	Emer. Cond. Vent to Torus TMI-13
	8042	Rx Head Vent Emer. Pwr Suppl. TMI-14
	8043	Torus Saddles
	8044	#13 IA Compressor
	8049	Flex CLC Conn. #13 FWP
	8050	Torus Rm. Vent Penetrations

Year	Modification Number	Title
1980 (continued)		
	8052	Chg. Inlet & Disch. Tunnel Spl. Pumps
	8053	CO_2 Repair Valves
	8054	Sprinkler Systems
	8055	Smoke Purge & Fire Dampers
	8056	Gaitronic - TB 250
	8057	Control Room Vent
	8058	Fire Detection
	8059	Aux. C.R. Halon Sys.
	8061	Diesel Fire Pump Low Air Start
	8063	Rx RPMG Set Coupling Level Sensors
	8064	Separate Fuel Oil Ins. for Diesels
	8065	Separate Vent Supply to Lab
	8066	Addit. Vent Scram Disch. Headers
	8067	Resin Sample Probes
	8068	Service/Instr. Air Intertie
	8070	Change APRM - LPRM Selection
	8071	Plant Shielding - TMI-8
	8076	Inc. Capacity of SDV
	8077	SDV Ultrasonic Monitoring
	8079	Repl. Rx Drain Valves
	8080	S.W. Tie for New Rad Waste
	8082	Replace Station Batteries
	8085	Refuel Cavity Drain System
	8086	Rpl. TB SW Drag Bypass Vlv.
	8087	Install New ERV Drch. Bellows
	8088	CRD Air Press. Xster & Recdr.
	8089	Install Bus Addition 130 X

Year	Modification Number	Title
1981	8101	Masonary Walls - IEB 80-11
	8105	New Drywell/Torus Vac. Chk. discs.
	8106	ECIV Shield
	8107	EC Vent Bellows and Dam
	8110	Jib Crane in Baler Room WB
	8113	Mis. Torus Mods.
	8115	Install Temp. Comp. Air Pene. R-81
	8116	Install Temp. Conn. Pene. R-83
	8117	Modify R-21 RB EDT Sump Disch.
	8118	LSA Box Compactor
	8119	#8 Line Carrier
	8120	#9 Line Tuner
	8121	Perm Pwr. Supply to RXB 237 from 15 PB
	8122	Repl Rx Studs
	8123	Install Washers on S.V. Studs
	8126	Sample Point MVD Sys. Filter
	8130	Halon for ECIV Room
	8133	Rx. Wtr. Lvl. RVI Scale
	8137	Modify Rx Bldg. Pene. R-82
	8143	#12 Laundry Drain Tnk Conversion

UNITED STATES OF AMERICA

NUCLEAR REGULATORY COMMISSION

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

CERTIFICATION

I, Thomas E. Lempges, Vice President, Nuclear Generation, a duly authorized officer of Niagara Mohawk Power Corporation, licensee in the captioned proceeding, certify pursuant to 10 C.F.R. 50.71(e) that the information presented in Nine Mile Point Station, Unit 1, Final Safety Analysis Report (Updated) (i) presents changes made since the submission of the original Final Safety Analysis Report for Unit 1 on June 1967 necessary to reflect information and analyses submitted to the Nuclear Regulatory Commission ("NRC") or prepared pursuant to Commission requirement and (ii) an identification of changes made under the provisions of 10 C.F.R. 50.59 but not previously submitted to the Commission.

Thomas E. Lempges
Vice President-Nuclear Generation
Niagara Mohawk Power Corporation

Subscribed and sworn to before me on this

19th day of July, 1982

Cynthia A. Petta
Notary Public

CYNTHIA A. PETTA
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4682225
My Commission Expires March 30, 1984