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FACIL:50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
AUTH.NAME AUTHOR AFFILIATION
MANGAN,C.V. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Forwards addl info re addition of motor operated isolation valves of feedwater sys to Table 6.2-56.Info will be incorporated in next FSAR amend.W/oversize Table 6.2-56. Aperture card available in PDR.

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NIAGARA MOHAWK

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

November 2, 1984
(NMP2L 0225)

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Schwencer:

Re: Nine Mile Point Unit 2
Docket No. 50-410

Attached is information requested by J. Lane on the addition of motor operated isolation valves of the feedwater system to Table 6.2-56.

The attached information will be included in the next Final Safety Analysis Report Amendment.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

DS:ja
Attachment
xc: R. Gramm, NRC Resident Inspector
Project File (2)

B001
1/1

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.

CV Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 2nd day of November 1984.

Christine Austin
Notary Public in and for
Onondaga County, New York

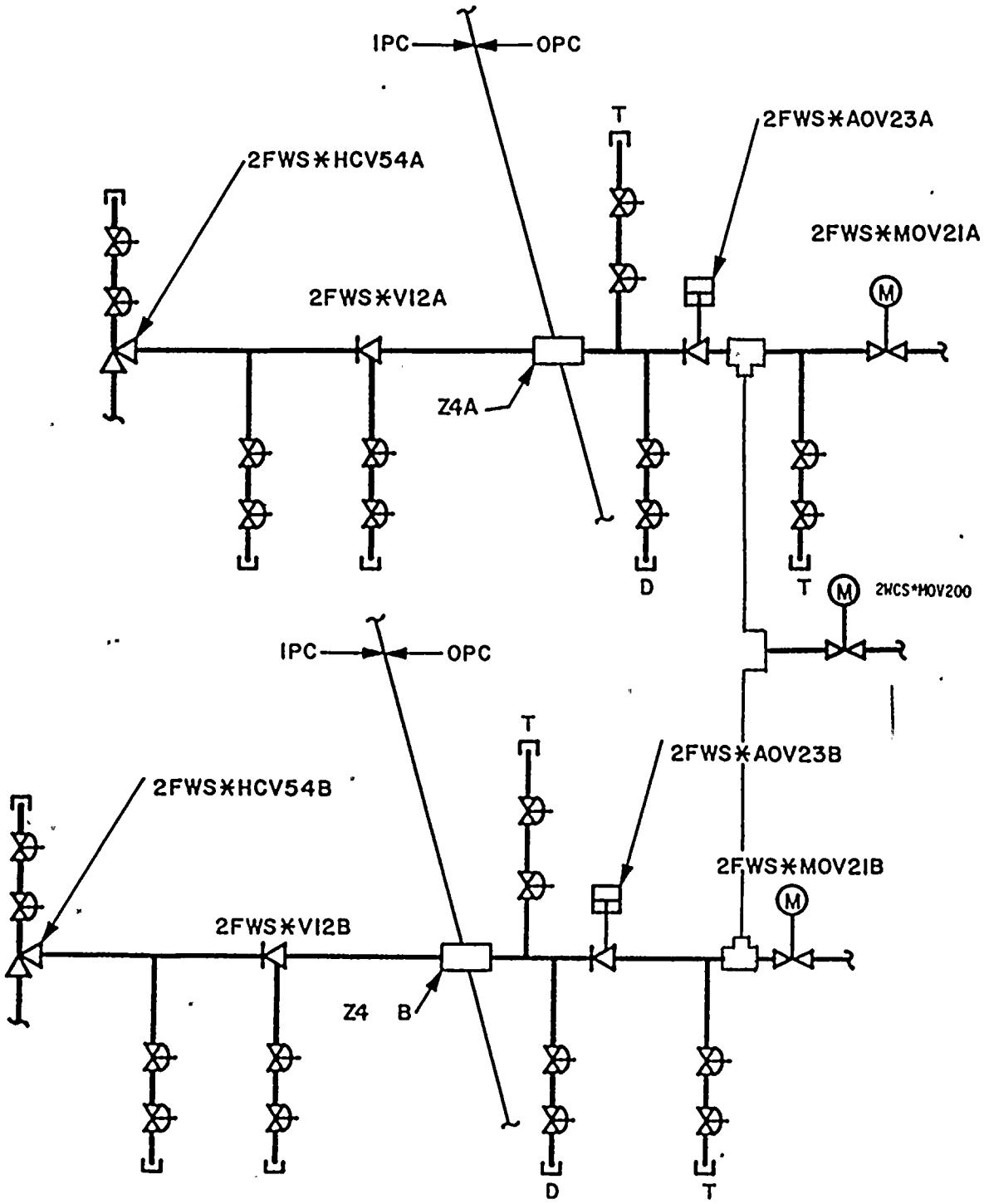
My Commission expires:

CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co No. 4787687
My Commission Expires March 30, 1985

CHRISTINE AUSTIN
Notary Public in the State of New York
[illegible]
[illegible] Commission Expires March 30, 19[illegible]

(32) In addition to a swing check valve inside containment and a positive acting check valve outside containment similar to an Atwood-Morrill boiler feed check valve as described in Catalog 63, Section I, a third valve with high leak-tight integrity will be provided in each line outside containment. The spring loaded piston operator of the positive acting check valve will be held open by air pressure during normal operation. Fail-open solenoid vlaves will be used to release air pressure to permit the check valve piston operator to close. The positive acting check valve and the high leak-tight integrity isolation valve will be remote manually operated from the control room using signals which indicate loss of feedwater flow.

The classification of the feedwater lines from the reactor vessel to and including the third isolation valve will be Code group A; beyond the third valve will be Code group D.



Z-4A, B FEEDWATER TO REACTOR PRESSURE VESSEL

FIGURE 6.2-70

ISOLATION VALVE ARRANGEMENT
FOR PENETRATION Z-4A, B
SHEET 3 OF 42

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT-UNIT 2
FINAL SAFETY ANALYSIS REPORT

Penetration No.	System Designation	GDC or Reg. Guide	ESF System	Fluid	Size (in)	FSAR Arrangement Figure(1)	Location of valve Inside/Outside Primary Containment	Length of Pipe - Containment to Outermost Isolation Valve	Type Test (1)	Potential Bypass Leakage Path(2)	Valve Number SWBC	Valve Number GE	Valve Type	Valve Operator	Actuator Mode Primary	Actuator Mode Secondary	Position Normal (3)	Position Shutdown	Position Post-Accident	Position Power Failure	Isolation Signal (4)	Closure Time (5,6)	Power Source (7)	Notes
Z-4A	Feedwater line A to RPV			WATER	24	6.2-70 SH. 3	OUTSIDE	16'-4"	C	NO(30)	2FWS*MOV21A		GATE	MOV	ELEC.	MANUAL	OPEN	CLOSED	CLOSED	FAI	RM	NA	DIV. I	9, 30, 32
				WATER	8	6.2-70 SH. 3	OUTSIDE	57'-8"	C	NO	2WCS*MOV200		GLOBE	MOV	ELEC.	MANUAL	OPEN	OPEN	CLOSED	FAI	RM	NA	DIV. I	9, 30
Z-4B	Feedwater line B to RPV			WATER	8	6.2-70 SH. 3	OUTSIDE	65'-8"	C	NO	2WCS*MOV200		GLOBE	MOV	ELEC.	MANUAL	OPEN	OPEN	CLOSED	FAI	MANUAL	NA	DIV. I	9, 30
				WATER	24	6.2-70 SH. 3	OUTSIDE	16'-4"	C	NO(30)	2FWS*MOV21B		GATE	MOV	ELEC	MANUAL	OPEN	CLOSED	CLOSED	FAI	MANUAL	NA	DIV. I	9, 30, 32

SH. 2a

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