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AUTH. NAME AUTHOR AFFILIATION
MANGAN, C. V. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION
Record Services Branch (Document Control Desk)

SUBJECT: Discusses integrity of sys outside containment, per License Condition 2.C(12). Summary of water testing results & corrective maint encl, per Tech Spec 6.8.4. Leak test results for RCIC included.

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NIAGARA MOHAWK

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

January 12, 1987
(NMP2L 0969)

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

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

Gentlemen:

This letter is in response to license condition described in paragraph 2.C(12), of our Facility Operating License No. NPF-54, concerning the integrity of systems outside the containment.

In our letter of December 2, 1985, we outlined a program for reducing the leakage of selected systems outside the containment to as low as practical limits. The program proposed a combination of testing using a helium tracer and visual inspection. It was found that for air or gas filled systems, the helium tracer provided the most accurate results. However, for the liquid filled systems, the leak detection by the visual method was more accurate.

In accordance with Technical Specification 6.8.4 and the above license commitment, the attached provides a summary of test results and any corrective maintenance required to date. The leak test results for the Reactor Core Isolation Cooling System (RCIC) were to be submitted at a later date. However, this testing is complete and the results are also included in this summary.

Very truly yours,

C. V. Mangan
Senior Vice President

TS/pns
2336G
Attachments

xc: Mr. R. Vollmer, Regional Administrator, Region I
Ms. E. G. Adensam, Project Director
Mr. W. A. Cook, Resident Inspector
Project File (2)

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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 Senior 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 12th day of January, 1987.

Beth A. Menikheim
Notary Public in and for
Onondaga County, New York

My Commission expires:

BETH A. MENIKHEIM
Notary Public in the State of New York
Qualified in Onondaga County No. 4804074
My Commission Expires August 31, 1988

ATTACHMENT

WATER TESTING

SYSTEM	PROCEDURE	DATE COMPLETED	COMPONENT	LEAKAGE
Residual Heat Removal (RHS) 'A'	N2-OSP-RHS-Q004	9/30/86	2RHS*MOV2A	Wet
			2RHS*HCV119	1 Drop/Min.
			2RHS*V265	1 Drop/Min.
			2RHS*MOV8A	1 Drop/Min.
			2RHS*MOV12A	1 Drop/Min.
			2RHS*LV17A	1 Drop/Min.
			TOTAL 5 Drops/Min.	
			NO CORRECTIVE ACTION REQUIRED	
RHS 'B'	N2-OSP-RHS-Q005	10/3/86	2RHS*FE14B	3 Drops/Min.
			2RHS*V348	1 Drop/5 Min.
			TOTAL 3.2 Drops/Min.	
			NO CORRECTIVE ACTION REQUIRED	
RHS 'C'	N2-OSP-RHS-Q006	9/26/86	TOTAL 0	
			NO CORRECTIVE ACTION REQUIRED	
RHS (Shutdown Cooling)	N2-OSP-LIQ-R001	8/13/86	TOTAL 0	
			NO CORRECTIVE ACTION REQUIRED	
RHS (STM Condensing Cond. Return)	N2-OSP-LIQ-R002	8/5/86	TOTAL 0	
			NO CORRECTIVE ACTION REQUIRED	
Low Pressure Core Spray (CSL)	N2-OSP-CSL-Q002	9/26/86	TOTAL 0	
			NO CORRECTIVE ACTION REQUIRED	
High Pressure Core Spray (CSH)	N2-OSP-CSH-Q002	9/19/86	2CSH*MOV111	1 Drop/Min.
			TOTAL 1 Drop/Min.	
			NO CORRECTIVE ACTION REQUIRED	

SYSTEM	PROCEDURE	DATE COMPLETED	COMPONENT	LEAKAGE
Post Accident Sampling (SSP)	N2-OSP-LIQ-R003	9/12/86	TOTAL 0	
				NO CORRECTIVE ACTION REQUIRED
Reactor Sampling System (SSR)	N2-OSP-LIQ-R004	7/18/86	TOTAL 0	
				NO CORRECTIVE ACTION REQUIRED

HELIUM TESTING

SYSTEM	PROCEDURE	DATE COMPLETED	COMPONENT	LEAKAGE
RHS (STM Condensing)	N2-OSP-GAS-R001	10/28/86	2RHS*V198	offscale
			2RHS*MOV9A	30 (medium deflection onscale)
			2RHS*SV62A	20 (low deflection onscale)
			2RHS*SOV71B	20 (low deflection onscale)
			2RHS*MOV26A	30 (medium deflection onscale)
			2RHS*RV56A	40 (high deflection onscale)
			2RHS*V392	offscale
			2RHS*V97	offscale
			2RHS*MOV22A	30 (medium deflection onscale)
			2RHS*MOV80A	25 (low/medium deflection onscale)
				REPLACED PACKING ON 2RHS*V198, V392, V97 AND RETESTED W/ZERO LEAKAGE
Standby Gas (GTS) and Containment Purge (CPS)	N2-OSP-GAS-R001	8/30/86	TOTAL 0	
				NO CORRECTIVE ACTION REQUIRED
Reactor Core Isolation Cooling (ICS)	N2-OSP-GAS-R001	12/12/86	2ICS*MOV150	upscale
				REPLACING FLEX HOSES IN SEAL LINE TO GOVERNING VALVE AND TRIP THROTTLE VALVE - WORK IN PROGRESS

SYSTEM	PROCEDURE	DATE COMPLETED	COMPONENT	LEAKAGE
Hydrogen Recombiner (HCS)	N2-OSP-GAS-R001	12/26/86	2HCS*V51 2HCS*V50	upscale upscale
			REPLACING PACKING ON 2HCS*V50 AND V51 - WORK IN PROGRESS	
Primary Containment Monitoring (CMS)	N2-OSP-GAS-R001	12/8/86	TOTAL 0	
				NO CORRECTIVE ACTION REQUIRED

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