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AUTH. NAME AUTHOR AFFILIATION
MANGAN, C. V. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION
ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards response to request for addl info re RHR HX outlet temp indication qualification. Control room valve position indication provided for each bypaSS valve associated w/RHR HX bypass line.

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NIAGARA MOHAWK

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

October 22, 1986
(NMP2L 0921)

Ms. Elinor G. Adensam, Director
BWR Project Directorate No. 3
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, DC 20555

Dear Ms. Adensam:

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

In our letter dated October 10, 1986 (NMP2L 0902), Niagara Mohawk responded to Nuclear Regulatory Commission comments to our letters of September 19, 1986 (NMP2L 0882) and September 23, 1986 (NMP2L 0884). Subsequently, additional information was requested relating to the Residual Heat Removal Heat Exchanger outlet temperature indication qualification.

The attachment to this letter provides the requested information.

Very truly yours,

C. V. Mangan
Senior Vice President

TS/pns
2157G

xc: W. A. Cook, NRC Resident Inspector
Project File (2)

B001
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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 22 day of October, 1986.

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
Commission Expires March 30, 1987

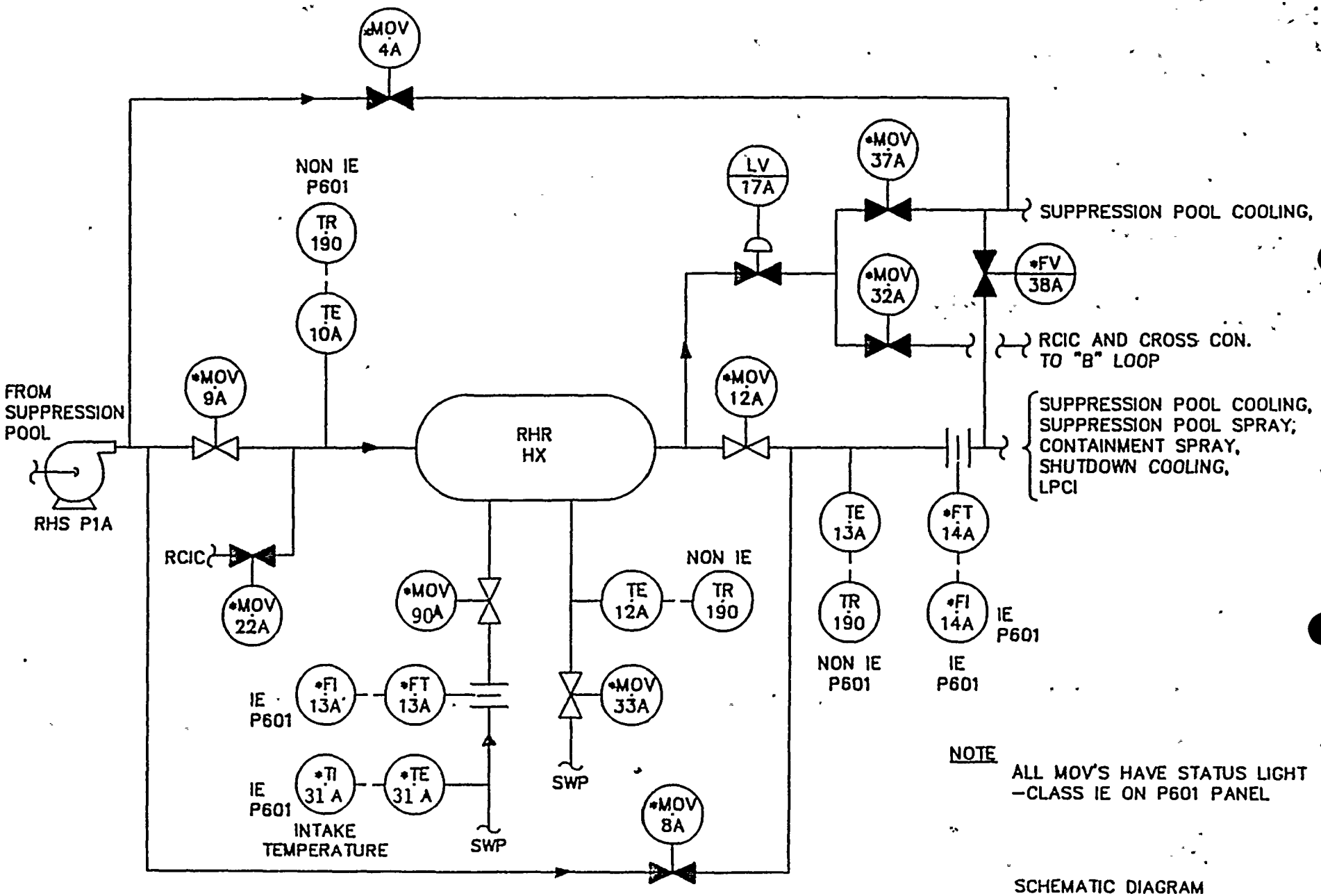
ATTACHMENT

As shown on the enclosed sketch:

(1) Flow indicators (FI-14A&B) downstream of the RHR heat exchangers provide flow indication in the control room for each respective RHR heat exchanger. Note that only the "A" loop of the RHR system is shown. The "B" loop is essentially the same.

(2) Flow indicators (FI-13A&B) associated with the service water system provide service water flow indication in the control room for each respective RHR heat exchanger. Note that only the "A" loop of the RHR system/service water system interface is shown. The "B" loop is essentially the same.

(3) Control room valve position indication is provided for each bypass valve associated with each respective RHR heat exchanger bypass line (i.e. either line that bypasses the RHR heat exchanger as shown on attached figure). Each flow and bypass valve position indication circuit in its entirety is classified as Class 1E and, thus, complies with the required criteria (Category 2) of Regulatory Guide 1.97, Rev. 2, as related to alternate indication for RHR heat exchanger performance.



NOTE

ALL MOV'S HAVE STATUS LIGHT —CLASS IE ON P601 PANEL

SCHEMATIC DIAGRAM OF RHR HEAT EXCHANGER AND INSTRUMENTATION