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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe    05000220  
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 RECIP. NAME    RECIPIENT AFFILIATION  
 ZWOLINSKI, J. A.    PWR Project Directorate 1

SUBJECT: Forwards Figure 1, inadvertently excluded form 851018  
 submittal re shutdown cooling sys instrumentation, per  
 Section 6.1 of Generic Ltr 82-33 (Suppl 1 to NUREG 0737).  
 Response to Item B.2 re neutron flux monitoring revised.

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December 6, 1985

Director of Nuclear Reactor Regulation  
Attention: Mr. John A. Zwolinski, Project Director  
BWR Project Directorate Number 1  
Division of BWR Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

Our October 18, 1985 letter provided additional information comparing Nine Mile Point Unit 1 instrumentation to the requirements of Section 6.1 of Generic Letter 82-33 (Supplement 1 to NUREG 0737). In our response to item B.10 (contained in the attachment to our letter), we referenced Figure 1 in discussing the shutdown cooling system instrumentation. The referenced Figure 1 was inadvertently excluded from our letter. Attached is Figure 1 for your inclusion into our October 18, 1985 submittal.

Additionally, this letter supplements and clarifies our October 18, 1985 response to item B.2 regarding neutron flux monitoring. Your contractor stated, in part, that "The licensee should follow industry development of this equipment, evaluate newly developed equipment, and install Category 1 instrumentation when it becomes available." Niagara Mohawk has and will continue to evaluate newly developed neutron flux monitoring instrumentation.

Currently, testing is being performed in conjunction with General Electric on two newly developed wide range neutron monitoring detectors installed at Nine Mile Point Unit 1 during the 1984 refueling outage. These are used for testing only. They have not replaced existing neutron monitoring equipment. These tests will determine the adequacy of newly developed equipment. Niagara Mohawk plans to continue with this testing program and research other alternatives to continue providing effective and practical neutron flux monitoring.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

*C. V. Mangan*

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Senior Vice President

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*A003*  
*11*

THE UNITED STATES OF AMERICA  
DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR  
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SUBJECT: [illegible]

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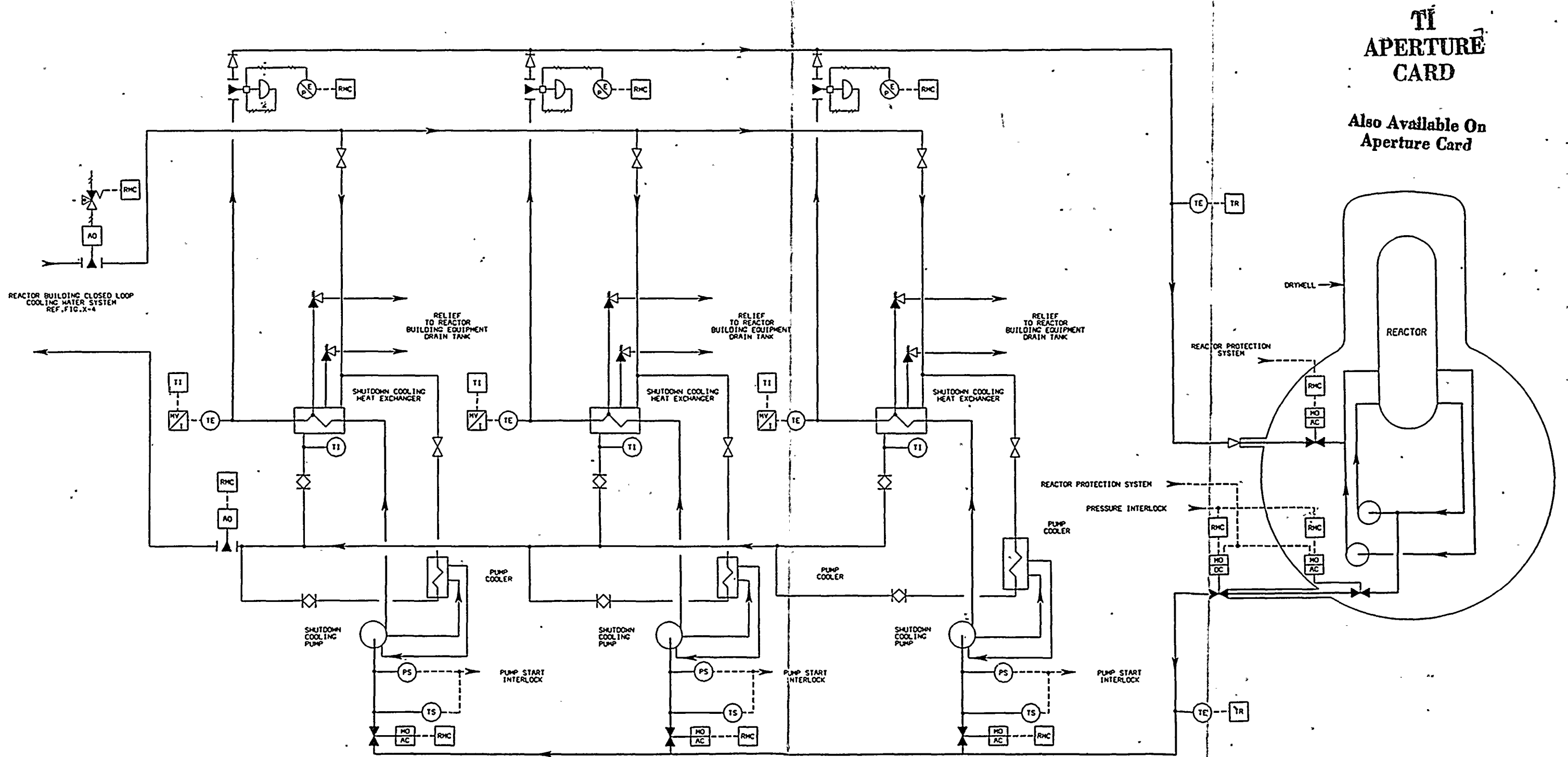
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# REACTOR SHUTDOWN COOLING SYSTEM



TI  
APERTURE  
CARD

Also Available On  
Aperture Card

FIGURE 1

8512130118-01