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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moho      05000410  
 AUTH. NAME      AUTHOR AFFILIATION  
 MANGAN, C. V.      Niagara Mohawk Power Corp.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 ADENSAM, E. G.      BWR Project Directorate 3

SUBJECT: Forwards FSAR pages changed to resolve NRC responses to SER comments provided in util 860716 ltr. Page 9.4-28 resolves Comment 70 & Page Q&R F421. 22-1 resolves Comment 75. FSAR changes in 860829 ltr resolve Comment 84.

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INTERNAL:	ACRS      41	6	6	ADM/LFMB	1	0
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	IE/DEPER/EPB      36	1	1	IE/DGAVT/GAB      21	1	1
	NRR BWR ADTS	1	0	NRR PWR-B ADTS	1	0
	NRR ROE, M. L.	1	1	NRR/DHFT/MTB	1	1
	<u>REG. FILE</u> 04	1	1	RGN1	3	3
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	LPDR      03	1	1	NRC PDR      02	1	1
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September 5, 1986  
NMP2L 0869

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  
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Enclosed with this letter are Final Safety Analysis Report pages changed to resolve your responses to several of the SER comments we provided in our letter of July 16, 1986. Specifically, page 9.4-28 resolves comment 70 and page Q&R F421.22-1 resolves comment 75. In addition, we believe the Final Safety Analysis Report changes provided in our letter of August 29, 1986 (NMP2L-0860), regarding penetration protection, provides the information necessary to resolve comment 84.

Very truly yours,

*C. V. Mangan*

C. V. Mangan  
Senior Vice President

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

8609070275 860905  
PDR ADOCK 05000410  
A PDR

Boo!  
/1



*[The text in this section is extremely faint and illegible. It appears to be a list or a series of entries, possibly containing names and dates, but the characters are too light to transcribe accurately.]*

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
Niagara Mohawk Power Corporation )  
(Nine Mile Point Unit 2) )

Docket No. 50-410

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. Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 5 day of September, 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  
My Commission Expires March 30, 1987...



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Ducted air flows are balanced to satisfy design requirements in accordance with procedures of the Associated Air Balance Council (AABC). The system is designed to permit periodic inspection and maintenance of active components.

#### 9.4.2.5 Instrumentation Requirements

##### 9.4.2.5.1 Drywell Cooling

###### Description

Instruments and controls are provided for manual control of the drywell unit coolers. The controls and monitors described below are located in the main control room. The control logic is shown on Figure 9.4-9.

###### Operation

The drywell unit coolers are controlled manually. Interlocks prevent starting, or trip automatically, the unit coolers when any of the associated reactor building closed loop cooling water containment isolation valves are closed. The isolation valves' closed interlock can be overridden by a LOCA keylock switch.

###### Monitoring

Recorders are provided for drywell unit coolers suction and discharge air temperatures.

Alarms are provided for:

1. Drywell unit cooling groups system trouble.
2. Drywell unit coolers vibration high.
3. Drywell unit cooling groups LOCA override.

##### 9.4.2.5.2 Primary Containment Purge

###### Description

Safety-related instruments and controls are provided for automatic and manual control of primary containment ventilation and pressurization. The controls and monitors described below are located in the main control room. The control logic is shown on Figure 9.4-9.



11-11-11



## QUESTION F421.22 (7.2, 7.3)

Section 7.5.1.1.1 of the FSAR discusses the transmitter trip unit main control room indication. The FSAR states that each monitored variable for the reactor protection system (7.4) (including the reactor trip, engineered safety features actuation and supporting features, and the RCIC) is sensed by an analog transmitter that continually transmits a signal proportioned to the variable to a trip unit located in the main control room. Confirm that the trip units used at Nine Mile Point Unit 2 are those described in the General Electric Topical Report NEDO-21617, "Analog Transmitter/Trip Unit System for Engineered Safeguard Sensor Trip Input", or provide the details of the design of the trip units used. Define the designation "master trip unit" used in Section 7.5.1.1.1 of the FSAR.

## RESPONSE

The trip units used at Unit 2 are those described in the General Electric Topical Report NEDO-21617, "Analog Transmitter/Trip Unit System for Engineered Safeguard Sensor Trip Input."

The master trip unit receives its signal directly from its transmitters and displays that transmitted signal. The slave trip unit does not receive a direct signal. The signal received by the slave trip unit goes through the master trip unit. The slave trip unit does not have a display to show this transmitted signal.

