

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8610030278 DDC DATE: 86/09/29 NOTARIZED: YES DOCKET #  
 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  
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards marked-up final draft Tech Specs re reactor protection sys electric power monitoring. Changes provided to resolve difference between calculation of electrical protection assembly voltages & as-built configuration.

DISTRIBUTION CODE: B001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4  
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:

	RECIPIENT		COPIES		RECIPIENT		COPIES	
	ID CODE/NAME		LTTR	ENCL	ID CODE/NAME		LTTR	ENCL
	BWR EB		1	1	BWR EICSB		2	2
	BWR FOB		1	1	BWR PD3 LA		1	1
	BWR PD3 PD		1	1	HAUGHEY, M 01		2	2
	BWR PSB		1	1	BWR RSB		1	1
INTERNAL:	ACRS	41	6	6	ADM/LFMB		1	0
	ELD/HDS3		1	0	IE FILE		1	1
	IE/DEPER/EPB	36	1	1	IE/DQAVT/QAB 21		1	1
	NRR BWR ADTS		1	0	NRR PWR-B ADTS		1	0
	<del>NRR RBE, M. D.</del>		1	1	NRR/DHFT/MTB		1	1
	<u>REG FILE</u>	04	1	1	RGN1		3	3
	RM/DDAMI/MIB		1	0				
EXTERNAL:	BNL (AMDTs ONLY)		1	1	DMB/DSS (AMDTs)		1	1
	LPDR	03	1	1	NRC PDR 02		1	1
	NSIC	05	1	1	PNL GRUEL, R		1	1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 36 ENCL 31

Faint text at the top left of the page, possibly a header or title.

Faint text in the upper middle section, appearing to be a list or table of contents.

Section of faint text in the middle left area.

Section of faint text in the middle middle area.

Section of faint text in the lower middle left area.

Section of faint text in the lower middle middle area.

Section of faint text in the lower middle left area.

Section of faint text in the lower middle middle area.

Section of faint text in the lower middle left area.

Section of faint text in the lower middle middle area.

Section of faint text in the lower middle left area.

Section of faint text in the lower middle middle area.

September 29, 1986  
(NMP2L 0892)

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

Niagara Mohawk Power Corporation is continuing the review of the Final Draft Technical Specifications and has identified changes to the Technical Specifications and their justification as provided in the enclosure.

These changes are categorized as necessary for certification of the Technical Specifications.

These changes are provided to resolve a difference between the calculation of the Electrical Protection Assembly voltages and the as-built configuration.

Very truly yours,

*C. V. Mangan*

C. V. Mangan  
Senior Vice President

NLR/pns  
2104G  
Enclosure

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

8610030278 860929  
PDR ADOCK 05000410  
A PDR

Boo 1  
1/1



1234567890

1234567890

1234567890

1234567890

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 29<sup>th</sup> day of September, 1986.

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, 1987

CHRISTINE AUSTIN  
Notary Public in the State of New York  
Qualified in Ontario Co. No. 4181301  
My Commission Expires March 30, 19

## ELECTRICAL POWER SYSTEMS

### ELECTRICAL EQUIPMENT PROTECTIVE DEVICES

#### REACTOR PROTECTION SYSTEM ELECTRIC POWER MONITORING (SCRAM SOLENOIDS)

### LIMITING CONDITIONS FOR OPERATION

3.8.4.5 Two RPS UPS electrical protection assemblies (EPAs) for each inservice RPS MG set or alternate source shall be OPERABLE.

APPLICABILITY: At all times.

ACTION:

- a. With one RPS electrical protection assembly for an inservice RPS MG set or alternate power supply inoperable, restore the inoperable EPA to OPERABLE status within 72 hours or remove the associated RPS MG set or alternate power supply from service.
- b. With both RPS electrical protection assemblies for an inservice RPS MG set or alternate power supply inoperable, restore at least one EPA to OPERABLE status within 30 minutes or remove the associated RPS MG set or alternate power supply from service.

### SURVEILLANCE REQUIREMENTS

4.8.4.5 The above specified RPS electrical protection assemblies shall be determined OPERABLE:

- a. At least once per 6 months by performance of a CHANNEL FUNCTIONAL TEST and;
- b. At least once per 18 months by demonstrating the OPERABILITY of over-voltage, undervoltage and underfrequency protective instrumentation by performance of a CHANNEL CALIBRATION including simulated automatic actuation of the protective relays, tripping logic and output circuit breakers and verifying the following setpoints.

1. Overvoltage Bus A:  $< \overline{128.6}$  volts AC  $\rightarrow 128.8$   
Bus B:  $< \overline{129.7}$  volts AC  $\rightarrow 130.0$
2. Undervoltage Bus A:  $> \overline{115.8}$  volts AC  $\rightarrow 114.5$   
Bus B:  $\geq \overline{114.2}$  volts AC  $\rightarrow 115.1$
3. Underfrequency  $\geq 57$  Hz

1981  
MAY 1981  
MAY 1981



## JUSTIFICATION

The final field installation tested values of the Electrical Protection Assembly setpoints were different from that calculated (i.e. length of cable effected calculated voltage drops). This change is necessary to correct the setpoints to match the final installation field tested values to those described in the Technical Specifications.

