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ACCESSION NBR: 7912210377 DOC. DATE: 79/12/17 NOTARIZED: YES DOCKET #  
 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220  
 AUTH. NAME AUTHOR AFFILIATION  
 DISE, D.P. Niagara Mohawk Power Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 IPPOLITO, T.A. Operating Reactors Branch 3

SUBJECT: Forwards interim position on containment vent & purge valves, in response to NRC 791022 ltr. Presently verifying operability for containment vent & purge valves.

DISTRIBUTION CODE: A034S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3  
 TITLE: Containment Purging

NOTES:

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
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	05 BC ORB #3	7	7			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	12 I&E	2	2	14 TA/EDO	1	1
	15 CORE PERF BR	1	1	17 ENGR BR	1	1
	18 REAC SFTY BR	1	1	19 PLANT SYS BR	1	1
	20 EEB	1	1	21 EFLT TRT SYS	1	1
	22 BRINKMAN	1	1	23 D SHUM	1	1
	24 E REEVES	1	1			
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	25 ACRS	16	16			

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REC 3 1973



Donald P. Dise  
Vice President  
Engineering

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

December 17, 1979

Director of Nuclear Reactor Regulation  
Attn: Mr. Thomas A. Ippolito, Chief  
Operating Reactors Branch #3  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Nine Mile Point Unit 1  
Docket 50-220  
DPR-63

Gentlemen:

Your letter of October 22, 1979 requested that we make an interim commitment with respect to the containment vent and purge valves at Nine Mile Point Unit 1. The attachment to this letter addresses our position concerning these valves.

In my letter of November 1, 1979 I indicated that we would pursue a valve qualification program. At the present time, we are involved with our valve manufacturer (Allis Chalmers) to provide operability verification for the containment vent and purge valves at Nine Mile Point Unit 1.

The information contained in the attachment to this letter demonstrates that continued operation of Nine Mile Point Unit 1 does not present an undue safety hazard to the public.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Donald P. Dise  
Vice President - Engineering

MGM:jk  
attachment

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STATE OF NEW YORK . )  
COUNTY OF ONONDAGA ) ss:

DONALD P. DISE, being duly sworn, says:

I am Vice President, Engineering, of Niagara Mohawk Power Corporation. I have read the foregoing letter and the facts contained in the letter and attachment are true to the best of my knowledge, information and belief.

*Donald P. Dise*

\_\_\_\_\_  
Donald P. Dise

Sworn to before me on  
this 17th day of December , 1979

*Phyllis D. Hoytko*  
\_\_\_\_\_  
Notary Public

PHYLLIS D. HOYTKO  
Notary Public for the State of New York  
Qualification Expires 12/31/80



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NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT UNIT 1  
INTERIM POSITION ON  
CONTAINMENT VENT AND PURGE VALVES

- I. Venting and Purging operations at Nine Mile Point will be kept to as low as achievable. The only times these valves are required to be open are for deinerting to perform safety related surveillance or maintenance. This amounts to approximately 90 hours per year.
- II. All containment vent and purge lines at Nine Mile Point Unit 1 have two (2) valves in series. The inboard valve is air operated while the outboard is motor operated. The outboard valves are presently limited to 50 degrees maximum opening. The inboard valves require a more extensive modification to the operators. However, this will be completed by January 31, 1980. Due to the requirement to maintain drywell to torus differential pressure, it is necessary to open these valves for an extremely short duration (less than 1 minute) during operation when we experience significant changes in barometric pressure. This is accomplished by opening the inner air operated valve and ~~just~~ cracking the outer motor operator valve. This will assure valve closure should an isolation signal be received. Allis Chalmers, our valve manufacturer, is presently making a determination for maximum opening based on their recently completed test program and plant unique information. This information will not be available until January 15, 1980. At that time we may modify our interim position on maximum degree of opening.

At Nine Mile Point Unit 1 there are two signals (High Drywell Pressure and Low-low reactor water level) that would initiate valve closure. If either of these signals was blocked, reset, or overridden, the other would initiate valve closure.

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