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AUTH.NAME AUTHOR AFFILIATION
MANGAN,C.V. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
VASSALLO,D.B. Operating Reactors Branch 2

SUBJECT: Responds to 841016 request for clarification of lines which could communicate primary containment atmosphere to outside atmosphere during normal operations.Listed valves will be modified for isolation on high radiation signal.

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

December 6, 1984

Director of Nuclear Reactor Regulation
Attention: Mr. Domenic B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

Dear Mr. Vassallo:

Our December 1, 1983 letter indicated that our intention was to provide an isolation signal on high containment radiation for isolation valves that are normally used to vent and purge primary containment. That letter indicated that the 24 inch lines penetrating the drywell and the 20 inch lines penetrating the torus would be modified to isolate on a containment high radiation signal.

Your October 16, 1984 letter, requested clarification of which lines could communicate the primary containment atmosphere to the outside atmosphere during normal operations. This letter provides that clarification.

Nine Mile Point Unit 1's Operating Procedure No. N1-OP-9 indicates which valves could communicate containment atmosphere to the outside atmosphere during normal operations. They will be modified so they can automatically isolate on a containment high radiation signal. The following valves fall into this category:

IV 201-07	Torus air vent and purge IV #12
IV 201-08	Torus air vent and purge IV #11
IV 201-09	Drywell air vent and purge IV #12
IV 201-10	Drywell air vent and purge IV #11
IV 201-16	Torus nitrogen vent and purge IV #11
IV 201-17	Torus nitrogen vent and purge IV #12
IV 201-31	Drywell nitrogen vent and purge IV #12
IV 201-32	Drywell nitrogen vent and purge IV #11

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The control circuits of these valves are tentatively scheduled for modification during the 1986 refueling outage. The modification will provide these valves with a containment high radiation isolation signal.

Other lines that penetrate primary containment have been analyzed to assess the need for providing containment high radiation isolation. We have concluded that these lines do not need to be modified. These lines do not need to be modified because they fall into at least one of the categories below:

1. Alternate lines for venting and purging (requiring special valving),
2. Post accident venting lines,
3. Sampling lines for oxygen and nitrogen concentration analysis, or
4. Nitrogen make-up lines.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

C. V. Mangan
Vice President
Nuclear Engineering and Licensing

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