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VASSALLO,D.B. Operating Reactors Branch 2

SUBJECT: Submits alternative solutions to alleviate potential spurious operation of valves listed in 821203 suppl to 821001 App R submittal.Requirements for valves 40-30,40-31 & 38-02 not required.

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May 26, 1983

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:

Your November 3, 1982 letter requested additional information regarding our October 1, 1982 Appendix R submittal. Our December 3, 1982 letter provided a response to your request. In our response to Question 7, we provided a list of valves that could be adversely affected by spurious operation and the proposed solution to alleviate the potential adverse effect. After re-examining the list of valves and solutions, we have determined alternative solutions for three of the valves provided in our response.

For core spray high point vent valves 40-30 and 40-31 (our December 3, 1982 submittal contained a typographical error; it listed these two valves as 40-31 and 40-32), we originally proposed to remove the power to these normally closed valves. This would prevent spurious operation of the valves. However, each of the lines where these valves are located has a normally locked closed manual valve (valves 40-26 and 40-27). With these manual valves locked closed, no adverse affects would result should either valve 40-30 or 40-31 spuriously open. Therefore, the requirement for removing power is not necessary.

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For shutdown cooling isolation valve 38-02, we originally proposed to remove the power to this normally closed valve. This would prevent spurious opening of the valve. Spurious opening of the valve at reactor operating pressures and temperatures was not desirable because it was thought that the heat exchangers, pumps and piping after the external isolation valve could not withstand reactor operating temperatures. However, further analysis now indicates that the integrity of these components would be assured under reactor operating temperatures and pressures. Therefore, the requirement for removing power to valve 38-02 is not needed.

Very truly yours,

CVMangan

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

CVM/MTG:djm