

JUL 24 1992

Docket No. 50-289

Mr. T. Gary Broughton
Vice President and Director, TMI-1
GPU Nuclear Corporation
Three Mile Island Nuclear Station
P. O. Box 480
Middletown, Pennsylvania 17057-0191

Dear Mr. Broughton:

SUBJECT: MOTOR-OPERATED VALVE INSPECTION AT THREE MILE ISLAND
NUCLEAR STATION, UNIT 1 (NRC INSPECTION REPORT NO. 50-
289/92-80)

This letter refers to the NRC team inspection conducted on June 8-12, 1992, at the Three Mile Island Nuclear Station, Unit 1, to evaluate the adequacy of your actions to assure the reliability of motor-operated valves (MOV's). Specifically, our inspectors reviewed the programs that you have developed in response to NRC Generic Letter 89-10, "Safety-Related Motor-Operated Valve Testing and Surveillance." The generic letter and its supplements provided recommendations to the licensees for the development of adequate programs to ensure operability of safety-related MOV's during design-basis conditions.

Our inspectors observed that the implementation of your MOV program is progressing effectively toward its scheduled completion by July 1, 1994, and in accordance with the recommendations of Generic Letter 89-10, in many aspects. However, several other areas, as summarized in Table 1, remain yet to meet the generic letter recommendations. The team also found your progress in performing differential pressure testing to be noteworthy. However, you acknowledged the need to improve your evaluation of MOV test results by performing a more rigorous and timely review to appropriately assess the impact of this data on MOV performance. A good level of management attention was visible in the implementation of the MOV program. This level of management support will assure timely and effective completion of the MOV program.

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Mr. T. Gary Broughton

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The results of this inspection were discussed during the exit meeting on June 12, 1992. At the exit meeting, your staff acknowledged the inspection findings and agreed to review the areas requiring clarifications or improvements for resolution as summarized in Table 1. On June 23, 1992, your staff provided the status of your planned actions to replace the operator for MS-V2A. If your understanding of the actions to enhance the MOV program as summarized in Table 1 is different, please notify me in writing as soon as possible.

It appears that one of your activities was not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. Specifically, this Notice of Violation is to resolve a crack observed by the team in the motor-operator housing of valve MS-V2A. Your response to this notice should follow the instructions provided in the Appendix. Also, as part of this response, please provide your plans to ensure a more thorough and timely review of the MOV test data. Additionally, you are requested to respond to the unresolved items discussed in sections 2.4 and 2.5, relative to design-basis testing of RC-V2 and the capability of DH-V3, respectively, in your response to the Notice of Violation.

Your cooperation with us in this matter is appreciated.

Sincerely,

Original Signed By:
Marvin W. Hodges

Marvin W. Hodges, Director
Division of Reactor Safety

Enclosures: 1. Appendix A, Notice of Violation
2. Inspection Report No. 50-289/92-80

cc w/encl:

R. E. Rogan, Licensing and Nuclear Safety Director

M. J. Ross, Operations and Maintenance Director, TMI-1

J. A. Knubel, Licensing and Regulatory Affairs Director

TMI-1 Licensing Department

E. L. Blake, Jr., Esquire

TMI-Alert (TMIA)

K. Abraham, PAO (24) SALP, AIT & Special Reports and (2) All Inspection Reports

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

NRC Resident Inspector

Commonwealth of Pennsylvania

Mr. T. Gary Broughton

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bcc w/encl:

Region I Docket Room (with concurrences)

E. Sullivan, NRR

T. Scarbrough, NRR

DRS/EB SALP Coordinator

R. Blough, DRP

J. Rogge, DRP

L. Rossbach, SRI, Beaver Valley

D. Vito, SRI, Oyster Creek

R. Lobel, OEDO

R. Hernan, PD 1-4, NRR


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