



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

February 28, 1985
(NMP2L 0353)

Mr. R. W. Starostecki, Director
U. S. Nuclear Regulatory Commission
Region I
Division of Project and Resident Programs
631 Park Avenue
King of Prussia, PA 19406

Re: Nine Mile Point - Unit 2
Docket No. 50-410

Dear Mr. Starostecki:

Enclosed is a final report in accordance with 10CFR50.55(e) for the problem concerning feedwater valves furnished by Velan Valve Corporation. This problem was reported to W. Lazarus of your staff on June 13, 1984. An interim report was submitted via our letter dated July 6, 1984.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering and Licensing

CVM/GG:cla
(0781H)

xc: Director of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

R. A. Gramm, NRC Resident Inspector

Project File (2)

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NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT UNIT 2
DOCKET NO. 50-410

Final Report for a Problem Concerning
Velan Valves - Feedwater System
(55(e)-84-22)

Description of the Problem

During a review of the documentation for two valves, Mark Nos. 2FWS*MOV21A and B, it was observed that the certified material test reports provided by the valve manufacturer did not document the test coupon heat treatment duration and temperature as required by ASME Section III, NB-2211. Further inquiry revealed that the heat treatment of the test coupons was in fact not performed. The material used in the manufacture of the valve bodies is documented as SA-105.

One test coupon was removed from each valve body and was tested after the required heat treatment. The test coupon from valve 2FWS*MOV21B provided satisfactory results, but the results from the other coupon showed lower elongation than is acceptable for SA-105. However, a review of material properties and test results for coupon from valve 2FWS*MOV21A indicates that these conform to SA-181, Class 70, and this material is suitable for the valve. Therefore, the certified material test report for this valve has been revised to change the material from SA-105 to SA-181, Class 70.

Analysis of Safety Implications

From the above, it is evident that had this condition remained uncorrected, it could not have adversely affected the safety of operations of the plant.