

November 5, 1982

Mr. R. W. Starostecki, Director
U.S. Nuclear Regulatory Commission
Region 1
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 an interim 30 day report in accordance with 10CFR50.55(e) for the potentially reportable deficiency concerning an error in the GHOSH computer program. This condition was reported via telecon with Mr. H. Kister of your staff on October 8, 1982, as a potentially reportable deficiency.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

C. V. Mangan
C. V. Mangan, Vice President
Nuclear Engineering & Licensing

/djm
Enclosure
xc: Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
Mr. R. D. Schulz, Resident Inspector

NIAGARA MOHAWK POWER CORPORATION
Nine Mile Point Unit 2
Docket No. 50-410

Interim Report for a Potentially
Reportable Deficiency Under
10CFR50.55(e) Regarding GHOSH
Program

Description of the Deficiency

An error was found in the GHOSH computer program that was originally purchased through the U.S. Government listing service (National Technical Information Service). The error discovered was in the calculation of stiffness for triangular solid finite elements. This program has been used for the hydrodynamic analysis of the primary and secondary containments. The error was found in the original purchased program and is not a result of any modification to the program.

The error in the program has since been corrected. The impact of the problem on the work performed earlier is still being evaluated. A final report will be submitted by February 15, 1983.