

**Detroit
Edison**

Donald A. Wells
Manager Quality Assurance
(313) 237-9657

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

DMB

April 19, 1984
EF2-68253

Mr. James G. Keppler
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

Reference: Fermi 2
NRC Docket No. 50-341

Subject: Interim Report of 10CFR50.55(e) Item #120
Concerning N.P.S. INC. Change of Part Sizes of
Pipe Support Components, Utilizing the Same
Part Number

On March 19, 1984, Detroit Edison's Mr. L. P. Bregni, Engineer-Licensing telephoned Mr. R. C. Knop of the NRC Region III to report that N.P.S. INC. had changed some part sizes of pipe support components in their catalog while retaining the same part identification number. Sufficient information is not available at this time for a definitive report to be submitted; therefore, this interim report concerning the pipe support components has been prepared to provide the current status of this deficiency.

Description of Deficiency

Detroit Edison has discovered that NPS Industries (NPSI) has supplied different sizes of pipe support components with the same part number to the Fermi 2 site. This resulted when NPSI changed the dimensions of parts but retained the same part number. Some of these component parts have been installed in the plant. Because of the change in physical dimensions, actual parts received and installed may have lower load capacities than the design requires.

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Mr. James G. Keppler
April 19, 1984
EF2-68253
Page 2

Analysis of Safety Implications

Pipe supports with the subject parts may have lower load capacities than the design requires. If these supports are used in safety-related applications (i.e., safety-related systems and Seismic Category II over I applications), this condition may result in support failure prior to the support reaching its design limits. This situation could cause damage to safety-related systems.

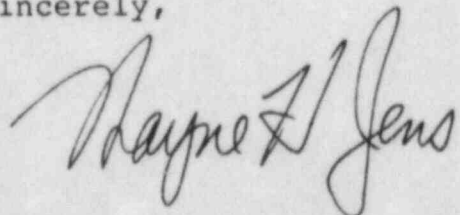
Corrective Action

The following actions are currently being pursued relevant to this deficiency:

1. Identify all NPSI pipe support components with significant engineering changes.
2. Identify pipe supports that have used these components by reviewing available support documentation.
3. Review the design calculations and request a field investigation for those pipe supports not conforming to the design.

Stone and Webster Michigan, Inc. (SWMI) has performed a preliminary evaluation of the deficiency and prepared a report which will be used in the final analysis. Based on the results of this analysis, final corrective actions will be determined to resolve this deficiency. In addition, we are evaluating this case to determine if the existing procurement process requires modification. A definitive report on this item will be submitted on May 14, 1984. If you have any questions concerning this matter, please contact Mr. Lewis P. Bregni (313-586-5083).

Sincerely,



cc: Mr. P. M. Byron
Mr. R. C. DeYoung
Mr. R. C. Knop