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March 9, 1988
NRC/TMI 88-008

Docket No. 50-320

Hr. F. R. Standerfer
Vice President/Director, TMI-2
GPU Nuclear Corporation
P. O. Box 480
Middletown, PA 17057

Dear Hr. Standerfer:

Subject: Nuclear Instrumentation (67382)

Reference: Letter from F. R. Standerfer, GPU Nuclear Corporation to NRC dated, February 10, 1988 re "Nuclear Instrumentation"

The referenced letter described a situation in which you might rely on alternate nuclear instrumentation. Our evaluation of the acceptability of the alternate nuclear instrumentation (NI) requires additional information. Please respond to the following items.

1. Provide a more detailed description of the alternate NI system including the sensitivity, range, reliability, and alarm capability.
2. What actions do you plan to take if the alternate NI system is adversely affected by the plasma arc cutting unit?
3. How well will the alternate NI system be coupled with the fuel bearing region of the reactor vessel?

Yours truly,

/s/ John A. Thomas for

William D. Travers
Director
TMI-2 Cleanup Project Directorate

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