



GPU Nuclear Corporation
Post Office Box 480
Route 441 South
Middletown, Pennsylvania 17057-0191
717 944-7621
TELEX 84-2386
Writer's Direct Dial Number:

December 28, 1983
5211-83-356

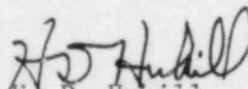
Office of Nuclear Reactor Regulation
Attn: J. F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Post Accident Sampling System (NUREG 0737 Item II.B.3)

This letter transmits additional information or clarification in regard to our responses dated February 9, 1983 and November 23, 1983 concerning emergency power and post accident chloride analysis.

Sincerely,


H. D. Hukill
Director, TMI-1

HDH:MRK:vjf

Enclosure

8401040517 831228
PDR ADOCK 05000289
P FDR

A046
1/1

ENCLOSURE I

Criterion: (1)

The licensee shall have the capability to promptly obtain reactor coolant samples and containment atmosphere samples. The combined time allotted for sampling and analysis should be three hours or less from the time a decision is made to take a sample.

Response:

Our response to this criterion provided in our letter of February 9, 1983 stated that the new gamma spectrometer with multichannel analyzer and vacuum pump was being placed on the emergency power system. This modification is expected to be complete by February, 1984. However, in the interim, this equipment can be placed on emergency power using temporary cables within the 3 hour specify limit in the event of loss of offsite power. Instructions are being prepared to make the required connections if it became necessary to do so prior to completion of the design modification. These instructions will be incorporated into an Emergency Procedure by January 15, 1984*

Criterion: (5)

The Licensee shall provide for a chloride analysis to be completed within 4 days.

Response:

Our response to this criterion provided in our letter of November 22, 1983 stated that chloride analysis would be performed using the ion chromatograph and a procedure would be available in January 1984. In order to reduce exposure to personnel, the procedure will require an auto sampler and controller which is currently located in Reading, PA (about 65 miles from TMI) at our system laboratory. In the event of an accident requiring a chloride analysis, the autosampler would be transported to the site and be available for performing the chloride analysis well within the four days as required. Similar equipment is being purchased specifically for TMI-1 and GPU expects to have it available at the site by April, 1984.*

*Until such time that the hardware modification or equipment items are in place as described, these procedures will remain in effect to assure adequate post accident sampling analysis capability.