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October 17, 1984
NRC/TMI-84-074

Docket No. 50-320

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

Dear Mr. Standerfer:

Subject: Fuel Pool "A" Refurbishment Safety Evaluation Report

- References: (a) Letter from B. K. Kanga to B. J. Snyder, 4410-84-L-0125,
dated August 6, 1984
(b) Letter from F. R. Standerfer to B. J. Snyder,
4410-84-L-0135, dated October 4, 1984

The referenced letters forwarded revisions to the safety evaluation for refurbishment of the "A" Fuel Storage Pool. The original SER forwarded by your letters 4410-83-L-0156 and 4410-83-L-0189 dated July 29, 1983, and August 30, 1983, respectively, stated that the tanks and associated piping to be removed from the fuel pool would be decontaminated to allow offsite shipment as Type "A" radioactive waste. Reference (a) proposed revisions that would allow decontamination of the lower tanks (two 25,000 gallon stainless steel tanks designated WDL-T-1A and WDL-T-1B) to be terminated when necessary to support the defueling schedule, with subsequent onsite storage in accordance with existing radioactive waste storage procedures. Reference (b) provided the clarification that further mechanical or chemical decontamination techniques that might be used inside the fuel handling building were outside the scope of the SER and further evaluation would be performed and identified to the NRC on a case by case basis. However, if further decontamination is performed outside the Fuel Handling Building in a facility designed specifically for decontamination activities, any commercially acceptable decontamination method would be considered for use.

We have reviewed your proposed revisions to the SER and have determined that storage of the tanks as radioactive material with contamination levels in excess of type 'A' waste does not create conditions outside the bounds of the original SER nor would it have environmental impacts beyond the scope of

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conditions previously considered in the PEIS. Decontamination in commercially available facilities outside the Fuel Handling Building is acceptable provided the procedures and appropriate technical evaluations are submitted to the staff pursuant to Technical Specification 6.8.2. We therefore approve your proposed revisions to the Fuel Pool "A" Refurbishment Safety Evaluation.

Additionally, the provisions of the original SER remain in effect regarding further evaluation of any future chemical or mechanical decontamination of the tanks within the fuel pool and require submittal of detailed procedures per Technical Specifications.

Sincerely,

-D-

William D. Travers
Deputy Program Director
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