

## **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:

(717) 948-8461

4410-87-L-0024 Document ID 0160P

February 20, 1987

US Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555

Dear Sirs:

Three Mile Island Nuclear Station, Unit 2 (TMI-2) Operating License No. DPR-73 Docket No. 50-320 Deep-Bed Filter as Canister Dewatering Filter

This is to inform you of GPU Nuclear's plan to test the effectiveness of a deep-bed filter as the filter in the Defueling Canister Dewatering System (DS-F-1). Previously, filter canisters have been used in this mode.

The use of a filter canister as DS-F-l has not been efficient. While filtration has been acceptable, throughput has been extremely low. As a result, the use of an alternate filter is necessitated. GPU Nuclear is proposing to use a modified knockout canister with diatomaceous earth (DE) and sand as the filter media for this purpose. The knockout canisters to be used will be those modified as "deep-bed" filters previously addressed in GPU Nuclear letter 4410-86-L-0173 dated September 26, 1986. The use of DE has previously been evaluated in GPU Nuclear letters 4410-86-L-0104 dated June 30, 1986, and 4410-86-L-0203 dated December 1, 1986.

> 8702260369 870220 PDR ADDCK 05000320 PDR

A001 A047

GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation

The System Description for the Dewatering System will be updated if the "deep-bed" filters prove effective as dewatering system filters.

Sincerely,

F. R. Standerfer

Director, TMI-2

FRS/RDW/eml

cc: Regional Administrator - Region 1, Dr. T. E. Murley Director - TMI-2 Cleanup Project Directorate, Dr. W. D. Travers