July 23, 1987

NRC/TM1 87-057

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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: Heavy Load Handling Inside Containment

- References: (1) GPUN letter 4410-86-L-0084, F. Standerfer to W. Trayers. Safety Evaluation Report for Heavy Load Handling Inside Containment - Revision 3. dated June 2. 1986
 - (2) SPUN letter 4410-85-L-0172. F. Standerfer to B. Snyder. Safety Evaluation Report for Heavy Load Handling Inside Containment - Revision 2, dated September 11, 1985
 - (3) NRC letter NRC/TMI 85-090, W. Travers to F. Standerfer, Heavy Load Handling Inside Containment, Revision 2, dated November 15, 1985

By reference (1), you submitted a proposed revision to the Safety Evaluation Report (SER) for heavy load handling inside containment. The proposed revisions involved modifications to the equations used to calculate allowable load weight and lift height relationships for loads handled above the Fuel Canister Storage Racks in the Fuel Transfer Canal (FTC) and in the "A" spent fuel pool, and replacement of the weight versus height equation with a weight/height matrix table for loads handled over the shallow end of the FTC.

Your previous load handling SER, submitted by reference (2), was reviewed and NRC staff approval was issued by reference (3). In our approval, we determined that you had appropriately considered the applicable requirements of NUREG 0612 and NRC Generic Letter 81-07, had acceptably evaluated the consequences of potential load handling accidents, and that your program for Heavy Load Handling Inside Containment could be implemented without significant risk to the health and safety of the public.

We have completed our review of Heavy Load Handling Inside Containment, Revision 3 and have determined that the proposed revisions include additional conservatisms but do not alter the basic considerations of the previous SER. We have concluded that accident analysis considerations are within the scope and bounds of the pravious evaluation.

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we therefore approve your Safety Evaluation Report for Heavy Load Handling Inside Containment, Revision 3.

Sincerely,

original signed by: John A. Thomas

William D. Travers, Director TMI-2 Cleanup Project Directorate

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