

May 9, 1994

Mr. T. Gary Broughton, Vice President  
and Director - TMI-1  
GPU Nuclear Corporation  
Post Office Box 480  
Middletown, Pennsylvania 17057

Dear Mr. Broughton:

SUBJECT: THREE MILE ISLAND, UNIT 1 - GENERIC LETTER 90-06,  
PORV/PORV BLOCK VALVE RELIABILITY (TAC NO. M77387)

GPU Nuclear responded to Generic Letter (GL) 90-06 in a letter dated December 24, 1990. The purpose of GL 90-06 was to provide technical resolution of two generic issues (GI-70 and GI-94). Generic Issue 94 did not apply to TMI-1. With regard to Generic Issue 70, "Power-Operated Relief Valve and Block Valve Reliability," the NRC staff reviewed the GPU Nuclear response and provided comments and a request for additional information by letter dated October 29, 1992, regarding the incorporation of model Technical Specifications (TS) and testing of the Power-Operated Relief Valve (PORV). GPU Nuclear responded to the request for additional information on January 29, 1993.

GPU Nuclear has taken exception to the staff positions regarding (1) the need for a TS requirement requiring a plant shutdown in the event of an inoperable PORV or PORV block valve, and (2) PORV stroke testing to confirm operability. Because the application of model TS is a generic issue that affects all Babcock & Wilcox (B&W) operating plants, the B&W Owners Group (BWO) Technical Specification Committee undertook an initiative to respond as an owners group. The BWO effort to address the model TS issue resulted in a letter from the BWO to the NRC (OG-1128), dated January 18, 1993. GPU Nuclear stated that the PORV stroke testing is performed during each refueling outage at the Wyle Laboratory facility.

The staff has now completed its review of your responses and is forwarding the enclosed Safety Evaluation to document our acceptance of the GPU Nuclear responses.

Sincerely,

Original signed by:

Ronald W. Hernan, Sr. Project Manager  
Project Directorate 1-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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Enclosure: Safety Evaluation

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| NAME | SNorris  | RHernan:cn | JStolz  | TCollins |     |
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Project Directorate 1-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure: Safety Evaluation

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| OFC  | LA:PDI-4 | PM:PDI-4   | D:PDI-4 | BC:SRXB  |     |
| NAME | SNorris  | RHernan:cn | JStolz  | TCollins |     |
| DATE | 4/21/94  | 4/21/94    | 4/21/94 | 5/06/94  | 1/1 |



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555-0001

May 9, 1994

Docket No. 50-289

Mr. J. Gary Broughton, Vice President  
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GPU Nuclear Corporation  
Post Office Box 480  
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Sincerely,

A handwritten signature in cursive script that reads "Ronald W. Hernan".

Ronald W. Hernan, Sr. Project Manager  
Project Directorate 1-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure: Safety Evaluation

cc w/enclosure: See next page

Mr. T. Gary Broughton  
GPU Nuclear Corporation

Three Mile Island Nuclear Station,  
Unit No. 1

cc:

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