



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

April 22, 1997

Mr. James W. Langenbach
Vice President and Director, TMI
GPU Nuclear Corporation
P.O. Box 480
Middletown, PA 17057

SUBJECT: REVIEW OF TOPICAL REPORT TR-092 ENTITLED "TMI-1 RELOAD DESIGN AND SETPOINT METHODOLOGY" FOR THE THREE MILE ISLAND NUCLEAR POWER STATION, UNIT NO. 1 (TAC NO. M94908)

Dear Mr. Langenbach:

Please disregard, in total, our March 27, 1997, letter regarding the above subject material in which we referred to two incorrect dates. That letter is superseded by this correspondence. We regret any inconvenience this may have caused.

By letter dated February 27, 1996, as supplemented October 28, 1996, GPU Nuclear Corporation submitted Topical Report TR-092 for staff review and approval. Topical Report TR-092 describes the GPU Nuclear reload design methodology applied to nuclear, thermal-hydraulic and safety analyses. It also presents setpoint methodology including safety and acceptance criteria to determine various safety limits, reactor trip setpoints and alarm limits for future TMI-1 fuel cycles.

The staff has completed its review, as described in the enclosed Safety Evaluation, and finds the GPU Nuclear methodology as delineated in the above submittals acceptable with the limitation that:

This approval is based on the current licensing basis of TMI-1; any change to the current licensing basis requires that this methodology be reevaluated for applicability;

This approval is based on the use of the codes (CASMO, RETRAN, and VIPRE) subject to the limitations stated in the staff safety evaluations, and in the manner described in TR-092; any use beyond these descriptions requires reevaluation for applicability.

Future references to the staff acceptance of this Topical Report must cite this letter and limitations stated therein.

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Mr. James W. Langenbach

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This completes our review of this issue, and we are, therefore, closing out
TAC No. M94908.

Sincerely,

Original signed by

Bart C. Buckley, Senior Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-289

Enclosure: As stated

cc w/encl: See next page

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Three Mile Island Nuclear Station, Unit No. 1

cc:

Michael Ross
Director, O&M, TMI
GPU Nuclear Corporation
P.O. Box 480
Middletown, PA 17057

John C. Fornicola
Director, Planning and
Regulatory Affairs
GPU Nuclear Corporation
100 Interpace Parkway
Parsippany, NJ 07054

Jack S. Wetmore
Manager, TMI Regulatory Affairs
GPU Nuclear Corporation
P.O. Box 480
Middletown, PA 17057

Ernest L. Blake, Jr., Esquire
Shaw, Pittman, Potts & Trowhridge
2300 N Street, NW.
Washington, DC 20037

Chairman
Board of County Commissioners
of Dauphin County
Dauphin County Courthouse
Harrisburg, PA 17120

Chairman
Board of Supervisors
of Londonderry Township
R.D. #1, Geyers Church Road
Middletown, PA 17057

Michele G. Evans
Senior Resident Inspector (TMI-1)
U.S. Nuclear Regulatory Commission
P.O. Box 311
Middletown, PA 17057

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Robert B. Borsum
B&W Nuclear Technologies
Suite 525
1700 Rockville Pike
Rockville, MD 20852

William Dornsife, Acting Director
Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
P.O. Box 2063
Harrisburg, PA 17120

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803