



**GPU Nuclear Corporation**  
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Middletown, Pennsylvania 17057  
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TELEX 84-2386  
Writer's Direct Dial Number:

January 21, 1983

5211-82-275

Office of Nuclear Reactor Regulation  
Attn: John F. Stolz, Chief  
Operating Reactors Branch No. 4  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

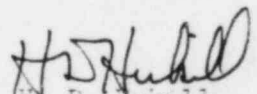
Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)  
Operating License No. DPR-50  
Docket No. 50-289  
Technical Specification Change Request No. 120

Enclosed are three signed originals and forty conformed copies of Technical Specification Change Request No. 120 requesting amendment to Appendix A of Operating License No. DPR-50.

Also enclosed is one signed copy of Certificate of Service for proposed Technical Specification Change Request No. 120 to the chief executives of the township and county in which the facility is located.

Sincerely,

  
H. D. Hukill  
Director, TMI-1

EDH:CJS:vif

Enclosures: 1) Technical Specification Change Request No. 120  
2) Certificate of Service for Technical Specification Change Request No. 120  
3) Check No. 034965

cc: J. Van Vliet

*A001  
w/check:  
\$4000.00*

8302010556 830121  
PDR ADOCK 05000289  
P PDR

METROPOLITAN EDISON COMPANY  
JERSEY CENTRAL POWER & LIGHT COMPANY  
AND  
PENNSYLVANIA ELECTRIC COMPANY  
THREE MILE ISLAND NUCLEAR STATION, UNIT 1

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Operating License No. DPR-50  
Docket No. 50-289  
Technical Specification Change Request No. 120

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This Technical Specification Change Request is submitted in support of Licensee's request to change Appendix A to Operating License No. DPR-50 for Three Mile Island Nuclear Station, Unit 1. As a part of this request, proposed replacement pages for Appendix A are also included.

GPU NUCLEAR CORPORATION

By *H. J. Hill*  
Director, TMI-1

Sworn and subscribed  
to before me this 21st  
day of January, 1982.

*Darla Jean Berry*  
Notary Public

DARLA JEAN BERRY, NOTARY PUBLIC  
PLETOWN BORO, DAUPHIN COUNTY  
MISSION EXPIRES JUNE 17, 1985  
Pennsylvania Association of Notaries

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF

DOCKET NO. 50-289  
LICENSE NO. DPR-50

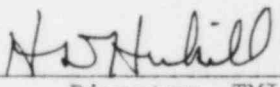
GPU NUCLEAR CORPORATION

This is to certify that a copy of Technical Specification Change Request No. 120 to Appendix A of the Operating License for Three Mile Island Nuclear Station Unit 1, has, on the date given below, been filed with the U. S. Nuclear Regulatory Commission and been served on the chief executives of Londonderry Township, Dauphin County, Pennsylvania and Dauphin County, Pennsylvania by deposit in the United States mail, addressed as follows:

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

Mr. John E. Minnich, Chairman  
Board of County Commissioners  
of Dauphin County  
Dauphin County Courthouse  
Harrisburg, PA 17120

GPU NUCLEAR CORPORATION

By   
Director, TMI-1

Dated: January 21, 1983

#### TECHNICAL SPECIFICATION CHANGE REQUEST (TSCR) NO. 120

The Licensee herein requests that the attached changed pages replace the existing pages (3-37, 3-37a) of Appendix A of TMI-1 Technical Specifications.

#### REASON FOR CHANGE REQUEST NO. 120

TS 3.5.3.1 footnotes (2) and (3) and Basis have been changed to raise the HPI and LPI allowable bypass setpoints for decreasing RCS pressure. The increased bypass setpoints allow more operator time to bypass HPI and LPI during normal plant cooldown. This additional margin will compensate for instrument loop accuracies, bistable deadband settings and instrument drift, to preclude inadvertant actuation.

#### SAFE'Y ANALYSIS JUSTIFYING CHANGE

The increased allowable HPI and LPI bypass setpoints preserve the necessary margin to bypass prior to alarm and actuation, which had been decreased due to the higher actuation setpoints required by Amendment No. 78. Precluding inadvertant Engineered Safeguards Actuation System actuation prevents unwarranted cycling of the system components and does not adversely affect nuclear safety. The actuation setpoints assumed in the safety analysis for Amendment No. 78 are not affected.

#### IMPLEMENTATION

The proposed changes reflect existing plant conditions and Licensee, therefore, requests that this License Amendment become effective immediately upon issuance.

#### LICENSE FEE (10 CFR Part 170.22)

The enclosed Technical Specification Change Request is submitted as a Class III Amendment with a subsequent fee to the Licensee of \$4,000.00 enclosed.

#### IMPLEMENTATION TIME PERIOD

It is requested that this Technical Specification Change Request be approved expeditiously in order that it may be implemented before initial criticality for Cycle 5.