

May 22, 1984

*DLR 016*

Docket No. 50-289

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Mr. Henry D. Hukill, Vice President  
 and Director - TMI-1  
 GPU Nuclear Corporation  
 P. O. Box 480  
 Middletown, Pennsylvania 17057

Dear Mr. Hukill:

SUBJECT: LICENSE AMENDMENT NO.94 TO FACILITY OPERATING LICENSE NO. DPR-50

The Commission has issued the enclosed Amendment No.94 to Facility Operating License No. DPR-50 for the Three Mile Island Nuclear Station, Unit No. 1 (TMI-1. This amendment consists of changes to the Technical Specifications (TSs) in response to your application (Change Request No. 124) dated March 9, 1983.

This amendment revises Table 3.16.1 by adding four new snubbers that were installed in the plant as a result of either restart piping modifications or system upgrading in response to NRC IE Bulletin 79-14. Also, three snubbers that are no longer required have been removed from the Table. We have also corrected typographical errors and adjusted the graphics for clarity.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's next Monthly Federal Register Notice.

Sincerely,  
 /S/

John F. Stolz, Chief  
 Operating Reactors Branch No. 4  
 Division of Licensing

Enclosures:

1. Amendment No. 94 to DPR-50
2. Safety Evaluation

cc w/enclosures:  
 See next page

ORB#4:DL  
 RIngram  
 05/12/84

ORB#4:DL  
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 05/14/84

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AD:DP:DL  
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NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

METROPOLITAN EDISON COMPANY

JERSEY CENTRAL POWER AND LIGHT COMPANY

PENNSYLVANIA ELECTRIC COMPANY

GPU NUCLEAR CORPORATION

DOCKET NO. 50-289

THREE MILE ISLAND NUCLEAR STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 94  
License No. DPR-50

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by GPU Nuclear Corporation, et al (the licensees) dated March 9, 1983, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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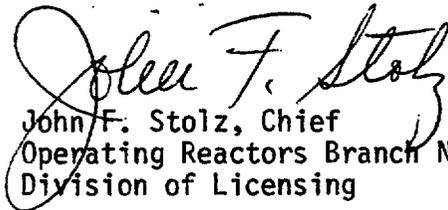
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.c.(2) of Facility Operating License No. DPR-50 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 94, are hereby incorporated in the license. GPU Nuclear Corporation shall operate the facility in accordance with the Technical Specifications.

3. This license amendment becomes effective within 30 days after its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
John F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: May 22, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 94

FACILITY OPERATING LICENSE NO. DPR-50

DOCKET NO. 50-289

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

Remove

3-65  
3-66  
3-69

Insert

3-65  
3-66  
3-69

TABLE 3.16.1

## SAFETY RELATED SHOCK SUPPRESSORS ( SNUBBERS )

Snubber MK No.	Location	Elevation	Snubber in High Radiation Area During Shutdown*	Snubber Especially Difficult To Remove	Snubbers Inaccessible During Normal Operation	Snubbers Accessible During Normal Operation
RC-4	R.B. Inside Sec. Shield N.E. Quad.	355	No	Yes	Yes	No
RC-5	Rx. Bldg. Inside Sec. Shield N.E. Quad. Top of PZR Near RC-V3	355	No	No	Yes	No
RC-15	Rx. Bldg. Inside Sec. Shield N.E. Quad. Top of PZR Near RC-V3	355	No	No	Yes	No
RC-16	Rx. Bldg. Inside Sec. Shield N.E. Quad. Top of PZR Near RC-V3	355	No	No	Yes	No
RC-17	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V1	355	No	No	Yes	No
RC-18	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V1	355	No	No	Yes	No
RC-19	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V1	355	No	No	Yes	No
RC-23	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V1	355	No	No	Yes	No
RC-9	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V31	346	No	No	Yes	No
RC-7	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V31	353	No	No	Yes	No
RC-8	Rx. Bldg. Inside Sec. Shield N.E. Quad. Near RC-V31	353	No	No	Yes	No
RC-6	Rx. Bldg. Inside Sec. Shield N.E. Quad.	353	No	No	Yes	No
RC-10	Rx. Bldg. Inside Sec. Shield N.E. Quad.	346	No	No	Yes	No
RC-11	Rx. Bldg. Inside Sec. Shield N.E. Quad.	328	No	No	Yes	No
RC-12	Rx. Bldg. Inside Sec. Shield N.E. Quad.	328	No	No	Yes	No

Amendment No. 30, 94

3-65

TABLE 3.16.1  
SAFETY RELATED SHOCK SUPPRESSORS (SNUBBERS)

Snubber MS No.	Location	Eleva- tion	Snubber In High Radiation Area During Shutdown*	Snubber Especially Difficult To Remove	Snubbers Inaccessible During Normal Operation	Snubbers Accessible During Normal Operation
RC-13	Rx. Bldg. Inside Sec. Shield N.E. Quad.	321	No	No	Yes	No
RC-14	Rx. Bldg. Inside Sec. Shield N.E. Quad.	321	No	No	Yes	No
MUE-38	Rx. Bldg. Inside Sec. Shield N.E. Quad.	318	No	No	Yes	No
MUE-39	Rx. Bldg. Inside Sec. Shield N.E. Quad.	318	No	No	Yes	No
PR-23	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1A Disch. Line	340	No	No	Yes	No
PR-24	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1A Disch. Line	340	No	No	Yes	No
PR-25	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1B Disch. Line	340	No	No	Yes	No
PR-26	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1B Disch. Line	340	No	No	Yes	No
PR-34	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1A Disch. Line	345	No	No	Yes	No
PR-36	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1A Disch. Line	345	No	No	Yes	No
PR-35	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1B Disch. Line	345	No	No	Yes	No
PR-37	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1B Disch. Line	345	No	No	Yes	No
PR-47	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-2 Disch. Line	355	No	No	Yes	No
PR-48	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-2 Disch. Line	355	No	No	Yes	No
PR-52	Rx. Bldg. Inside Sec. Shield N.E. Quad. RC-RV-1 Disch. Line	345	No	No	Yes	No

TABLE 3.16.1  
SAFETY RELATED SHOCK SUPPRESSORS (SNUBBERS)

Snubber MK No.	Location	Elevation	Snubber In High Radiation Area During Shutdown*	Snubber Especially Difficult To Remove	Snubbers Inaccessible During Normal Operation	Snubbers Accessible During Normal Operation
DII-34	Rx. Bldg. Inside Sec. Shield S.W. Quad. at DII-VI	305	No	No	Yes	No
FW-114	Rx. Bldg. Inside Sec. Shield S. W. Quad.	325	No	No	Yes	No
FW-115	Rx. Bldg. Inside Sec. Shield S. W. Quad.	325	No	No	Yes	No
EF-113	Rx. Bldg. Inside Sec. Shield S.W. Quad.	320	No	Yes	Yes	No
DII-4	Rx. Bldg. Inside Sec. Shield S.W. Quad.	302	No	Yes	Yes	No
DII-5	Rx. Bldg. Inside Sec. Shield S.W. Quad.	302	No	Yes	Yes	No
CF-6	Rx. Bldg. Inside Sec. Shield S.W. Quad.	316	No	No	Yes	No
DII-32	Rx. Bldg. Outside Sec. Shield N. E. Quad.	340	No	No	No	Yes
MS-202	Rx. Bldg. Outside Sec. Shield N.E. Quad.	337	No	Yes **	No	No
MS-203	Rx. Bldg. Outside Sec. Shield N.E. Quad.	337	No	Yes **	No	No
MS-206	Rx. Bldg. Outside Sec. Shield N.E. Quad.	337	No	Yes **	No	No
MS-207	Rx. Bldg. Outside Sec. Shield N.E. Quad.	337	No	Yes **	No	No
RC-154	Rx. Bldg. Outside Sec. Shield N.E. Quad.	301	No	Yes	No	No
RC-160A&B	Rx. Bldg. Outside Sec. Shield N.E. Quad.	336	No	Yes	No	No

Amendment No. 87, 94

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 94 TO FACILITY OPERATING LICENSE NO. DPR-50

METROPOLITAN EDISON COMPANY  
JERSEY CENTRAL POWER AND LIGHT COMPANY  
PENNSYLVANIA ELECTRIC COMPANY  
GPU NUCLEAR CORPORATION

THREE MILE ISLAND NUCLEAR STATION, UNIT NO. 1

DOCKET NO. 50-289

INTRODUCTION

By letter dated March 9, 1983, GPU Nuclear Corporation (the licensee) transmitted Technical Specification Change Request No. 124 requesting amendment to Appendix A of Facility Operating License No. DPR-50. This change would revise the Technical Specifications by: (1) adding four new snubbers to Technical Specification Table 3.16.1, and (2) deleting three snubbers from the same table.

EVALUATION

Snubbers are energy absorbing devices of the pipe support system that limits pipe movement during normal operation and during accident conditions. The Three Mile Island Nuclear Station, Unit No. 1, Technical Specifications require that all safety-related snubbers, which by definition serve as pipe supports for safety-related systems, must be operable during reactor operation. Furthermore, the Technical Specifications list all snubbers that must meet the operability requirements. The licensee has requested several changes to this list. Specifically, four new snubbers were installed in the plant as a result of either restart piping modifications or system upgrade due to piping reanalyses performed in response to NRC IE Bulletin 79-14. Since these snubbers are considered to support safety-related piping, they are being added to Table 3.16.1 of the Technical Specifications. Additionally, three snubbers are being deleted from Table 3.16.1. These snubbers served to support the pressurizer loop seal fill piping which was removed when a plant modification relocated the pressurizer code safety valves to the top of the pressurizer without the loop seal configuration. Since the changes made by the proposed revision will increase the probability that all installed safety-related snubbers will be operable, we find this proposed change acceptable.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

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CONCLUSION

We have concluded, based on the considerations discussed above, that:  
(1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: May 22, 1984

Principal Contributor:  
Walter H. Baunack, Region I, DPRP