

August 14, 1987

DCR 016

Docket No. 50-289

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

Dear Mr. Hukill:

SUBJECT: ISSUANCE OF AMENDMENT (TAC # 63450)

The Commission has issued the enclosed Amendment No. 131 to Facility Operating License No. DPR-50 for the Three Mile Island Nuclear Station, Unit No. 1, in response to your letter dated November 4, 1986 as corrected by letters dated February 25, 1987 and May 29, 1987.

This amendment revises the organizational reporting structure for the Radiological and Environmental Controls department as detailed in the Administrative Section of the Technical Specifications.

A copy of the related Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

/s/

Gordon E. Edison, Senior Project Manager  
Project Directorate I-4  
Division of Reactor Projects I/II

Enclosures:

- 1. Amendment No. 131 to DPR-50
- 2. Safety Evaluation

cc w/enclosures:  
See next page

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Mr. Henry D. Hukill  
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-2-

Three Mile Island Nuclear Station  
Unit 1

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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. 131  
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 licensee) dated November 4, 1986 (as corrected on February 25, 1987 and May 29, 1987), 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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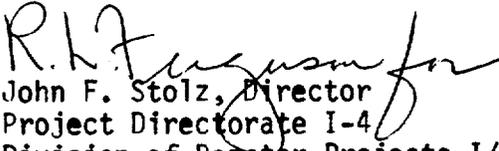
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.c.(2) of Facility Operating License No. DPR-50 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 131, are hereby incorporated in the license. GPU Nuclear Corporation shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
John F. Stolz, Director  
Project Directorate I-4  
Division of Reactor Projects I/II

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: August 14, 1987

ATTACHMENT TO LICENSE AMENDMENT NO. 131

FACILITY OPERATING LICENSE NO. DPR-50

DOCKET NO. 50-289

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

Remove

Page 6-3

Figure 6-1

Figure 6-2

Insert

Page 6-3

Figure 6-1

Figure 6-2

- g. A Site Fire Brigade## of at least 5 members shall be maintained onsite at all times. The Site Fire Brigade shall not include members of the minimum shift crew necessary for safe shutdown of the unit and any personnel required for other essential functions during a fire emergency.
- h. The Shift Technical Advisor shall serve in an advisory capacity to the Shift Supervisor on matters pertaining to the engineering aspects assuring safe operation of the unit.

### 6.3 UNIT STAFF QUALIFICATIONS

- 6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI/ANS 3.1 of 1978 for comparable positions unless otherwise noted in the Technical Specifications. Licensed operators shall meet the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees. Individuals who do not meet ANSI/ANS 3.1 of 1978, Section 4.5, are not considered technicians or maintenance personnel for purposes of determining qualifications but are permitted to perform work for which qualification has been demonstrated.
- 6.3.2 The Radiological Controls Director or Deputy shall meet or exceed the qualifications of Regulatory Guide 1.8 of 1977. Each Radiological Controls Technician/Supervisor shall meet or exceed the qualifications of ANSI-N 18.1-1971, paragraph 4.5.2/4.3.2, or be formally qualified through an NRC approved TMI-1 Radiation Controls training program. All Radiological Controls Technicians will be qualified through training and examination in each area or specific task related to their radiological controls functions prior to their performance of those tasks.
- 6.3.3 The Shift Technical Advisors shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in unit design, response and analysis of transients and accidents.

### 6.4 TRAINING

- 6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Manager, Plant Training - TMI and shall meet or exceed the requirements and recommendations of Regulatory Guide 1.8 of 1977 and Appendix "A" of 10 CFR Part 55 except that Radiological Controls training may be under the direction of the Vice President - Radiological and Environmental Controls. Licensed operators shall meet the supplemental requirement specified in Section A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees.
- 6.4.2 A training program for the Fire Brigade shall be maintained under the direction of the Manager, Plant Training - TMI and shall meet or exceed the requirements of Section 27 of the NFPA Code - 1976.

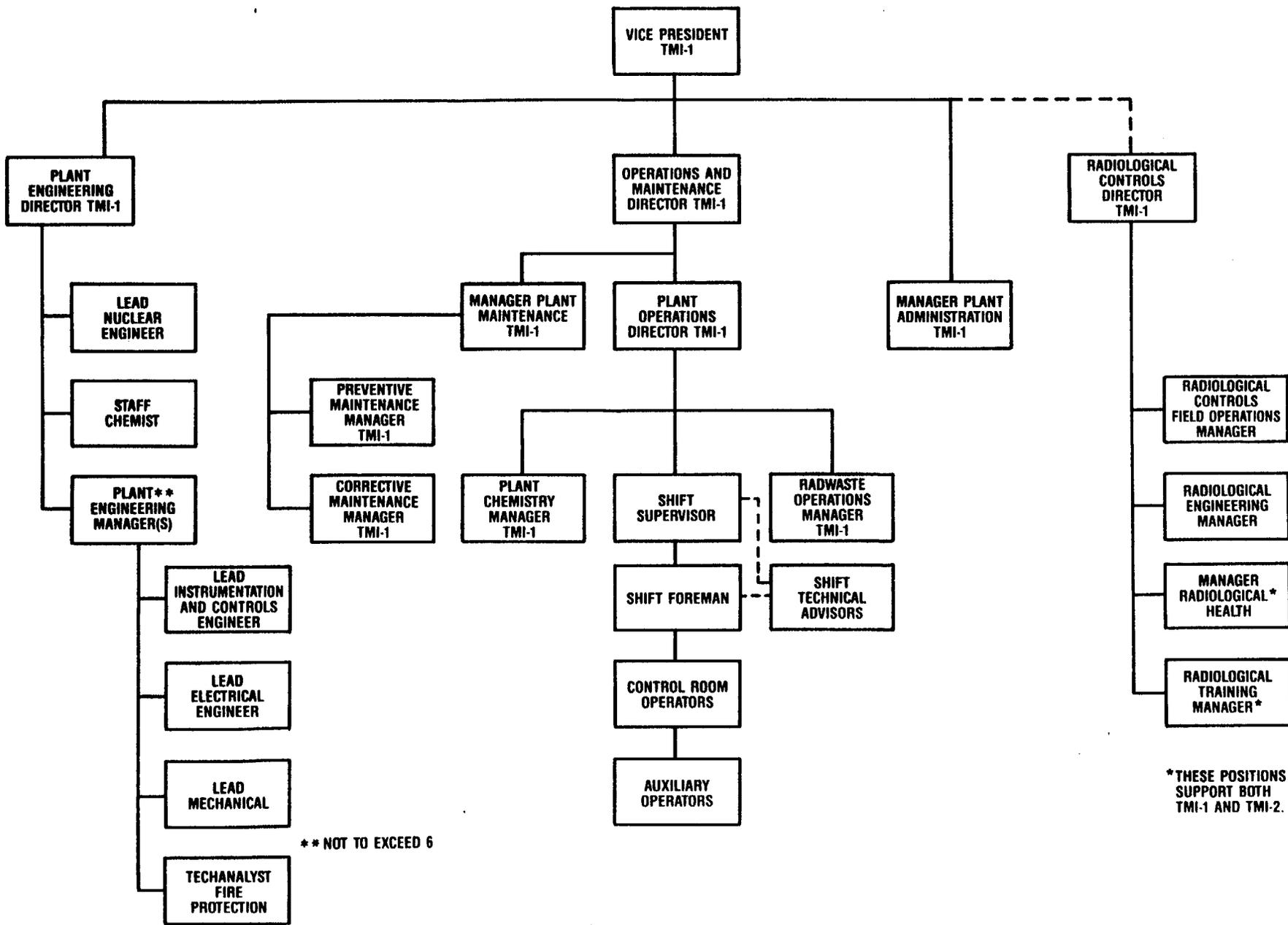
### 6.5 REVIEW AND AUDIT

#### 6.5.1 TECHNICAL REVIEW AND CONTROL

# TMI-1 UNIT STAFF

FIGURE 6-2

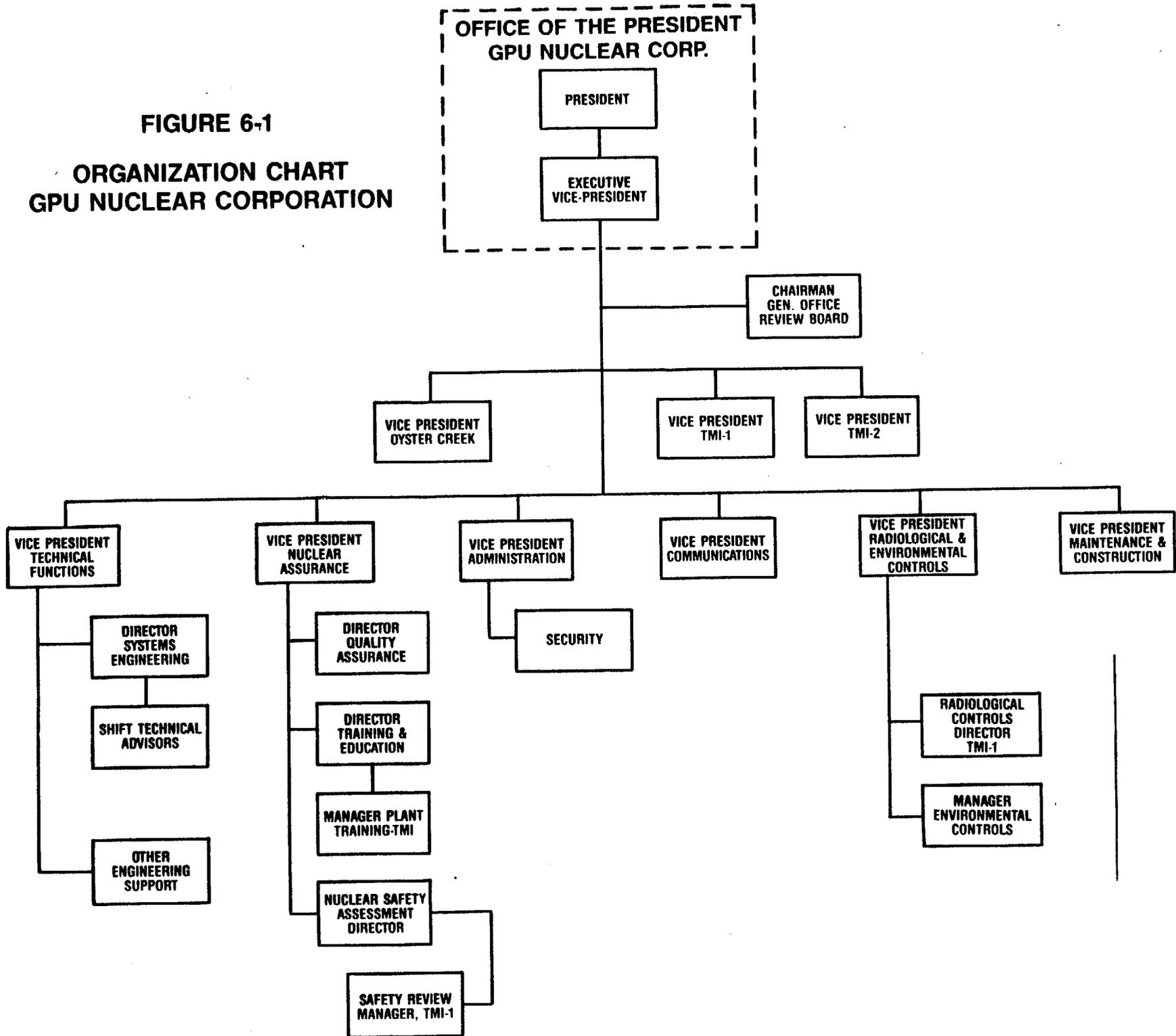
Amendment Nos. 11, 29, 112, 128, 131



\*\* NOT TO EXCEED 6

\*THESE POSITIONS SUPPORT BOTH TMI-1 AND TMI-2.

**FIGURE 6-1**  
**ORGANIZATION CHART**  
**GPU NUCLEAR CORPORATION**





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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 131 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 November 4, 1986, as revised on February 25, 1987, and May 29, 1987, GPU Nuclear Corporation (GPU or the licensee) requested an amendment to the Technical Specifications appended to Facility Operating License No. DRP-50 for the Three Mile Island Nuclear Station Unit No. 1. The proposed change would revise the administrative section of the Technical Specifications by modifying the depiction of the unit staff organizational structure.

EVALUATION

The proposed change makes certain revisions to the Administrative Controls Specifications as follows:

1. Section 6.3, Unit Staff Qualifications, is revised to show a change in title from the "Manager-Radiological Controls" to the "Radiological Controls Director." This change reflects the additional responsibilities of this office. The change makes no request for a reduction in qualification requirements.

This section also references the position of "Deputy" to the newly titled Radiological Controls Director; however, this position is not depicted on Figure 6-2, "TMI-1 Unit Staff", also included in this submittal. This inconsistency was brought to the licensee's attention, who indicated that additional clarification of the Deputy position would be provided in Technical Specifications Change Request (TSCR) 172.

Review of TSCR 172, submitted June 18, 1987, resolves the inconsistency by deleting reference to the Deputy position in Section 6.3.

2. Figure 6-1, depicting the organization for GPU Nuclear Corporation, has been modified to reflect the change in title described in paragraph 1 above. The figure has also been simplified, with the deletion of the Director of Radiological Controls for TMI Unit 2 and the Deputy Manager for Radiological Controls, TMI Unit 1.

Additional changes to the offsite corporate organization have been made subsequent to the submission of this TSCR and are detailed in TSCR 172.

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3. Figure 6-2, depicting the TMI Unit 1, has been revised to include the Radiological Health and Radiological Training sections. Previously, these sections were included in the Unit 2 organization. These sections are fully staffed and will impose no additional manpower burdens on the Unit 1 staff. The additional technical oversight responsibilities placed on the Radiological Controls Director by this addition are well within the capabilities of an individual qualified in accordance with Section 6.3.2.

The staff has evaluated the proposed changes to the Technical Specifications and concludes for the reasons stated above that these changes are administrative in nature and do not alter the functional duties of the TMI Unit 1 staff. Therefore, these changes are acceptable.

#### ENVIRONMENTAL CONSIDERATION

This amendment involves changes which are administrative in nature in that they revise organizational responsibilities and titles in the administrative section of the Technical Specifications. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

#### CONCLUSION

The staff has 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.

DATED: August 14, 1987

#### PRINCIPAL CONTRIBUTOR

Anthony Weadock