

September 30, 1987

Docket No. 50-219

Mr. P. B. Fiedler
Vice President and Director
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

Dear Mr. Fiedler:

Subject: ISSUANCE OF AMENDMENT (TAC 65639)

The Commission has issued the enclosed Amendment No. 117 to Provisional Operating License No. DPR-16 for the Oyster Creek Nuclear Generating Station. This amendment is a partial response to your application dated June 19, 1987, as supplemented by your letter dated July 14, 1987. Matters related to your request regarding Core Spray System testable check valves will be the subject of a future letter from the staff when the evaluation is completed.

This amendment describes organizational changes to the Corporate and Oyster Creek Site Organization of GPU Nuclear Corporation in the Administrative Controls Section of the Technical Specifications. The amendment also changes Section 6.10.1.c of the Technical Specifications to be consistent with 10 CFR 50.73 terminology.

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

Sincerely,

/s/

Alexander W. Dromerick, Project Manager
Project Directorate I-4
Division of Reactor Projects I/II

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P

Enclosures:

1. Amendment No. 117 to DPR-16
2. Safety Evaluation

cc w/enclosures:
See next page

*See previous concurrences

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Mr. P. B. Fiedler
Oyster Creek Nuclear Generating Station

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

GPU NUCLEAR CORPORATION

AND

JERSEY CENTRAL POWER & LIGHT COMPANY

DOCKET NO. 50-219

OYSTER CREEK NUCLEAR GENERATING STATION

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 117
License No. DPR-16

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by GPU Nuclear Corporation, et al. (the licensee) dated June 19, 1987, as supplemented July 14, 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.
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 Provisional Operating License No. DPR-16 is hereby amended to read as follows:

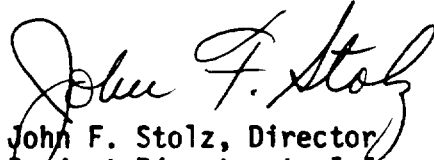
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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B as revised through Amendment No. 117, are hereby incorporated in the license. GPU Nuclear Corporation shall operate the facility in accordance with the Technical Specifications.

3. This amendment is effective on issuance, to be implemented no later than 30 days after 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: September 30, 1987

ATTACHMENT TO LICENSE AMENDMENT NO.117

PROVISIONAL OPERATING LICENSE NO. DPR-16

DOCKET NO. 50-219

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 area of change.

Remove

Page 6-3 (Figure 6.2.1)

Page 6-4

Page 6-5 (Figure 6.2.2)

Page 6-6

Page 6-7

Page 6-12

Page 6-14

Page 6-19

Insert

Page 6-3 (Figure 6.2.1)

Page 6-4

Page 6-5 (Figure 6.2.2)

Page 6-6

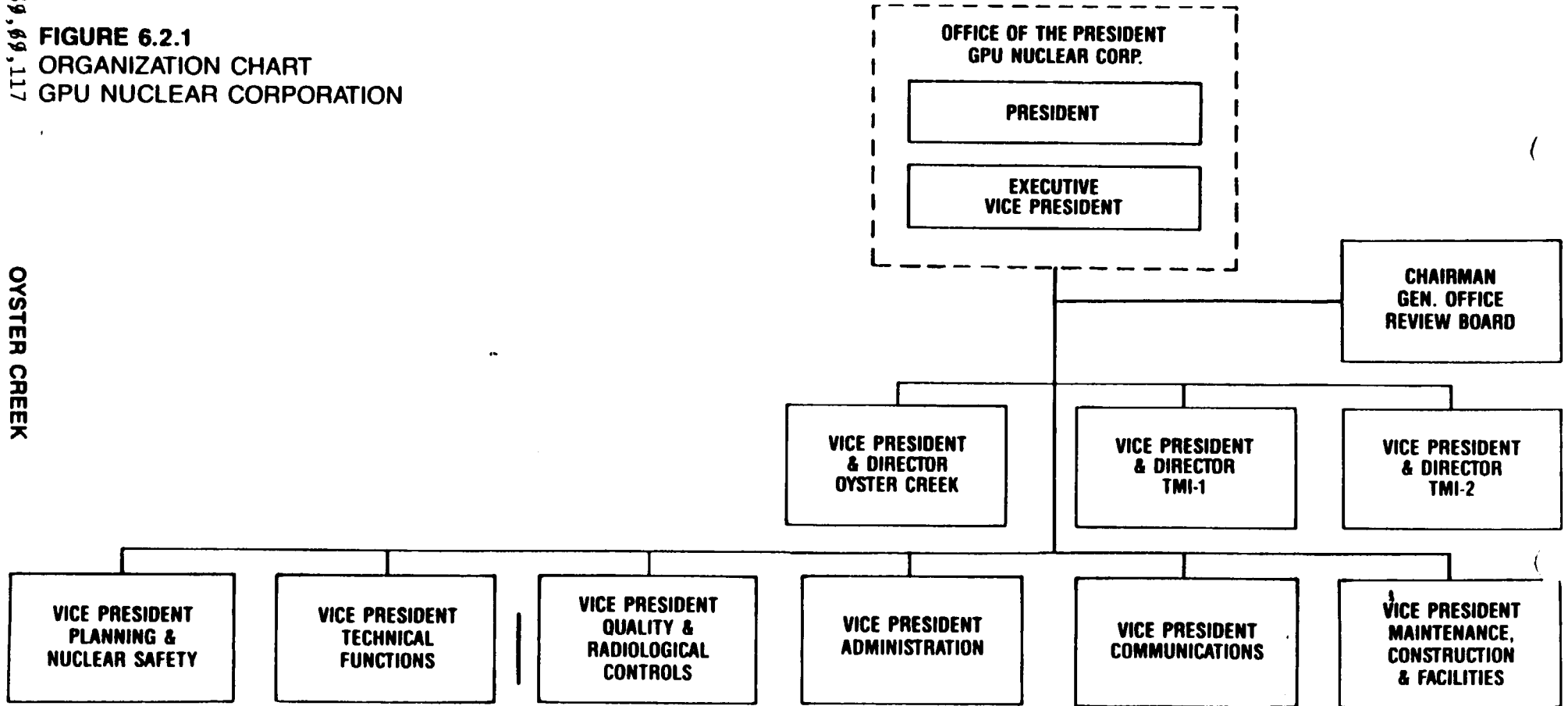
Page 6-7

Page 6-12

Page 6-14

Page 6-19

FIGURE 6.2.1
ORGANIZATION CHART
GPU NUCLEAR CORPORATION

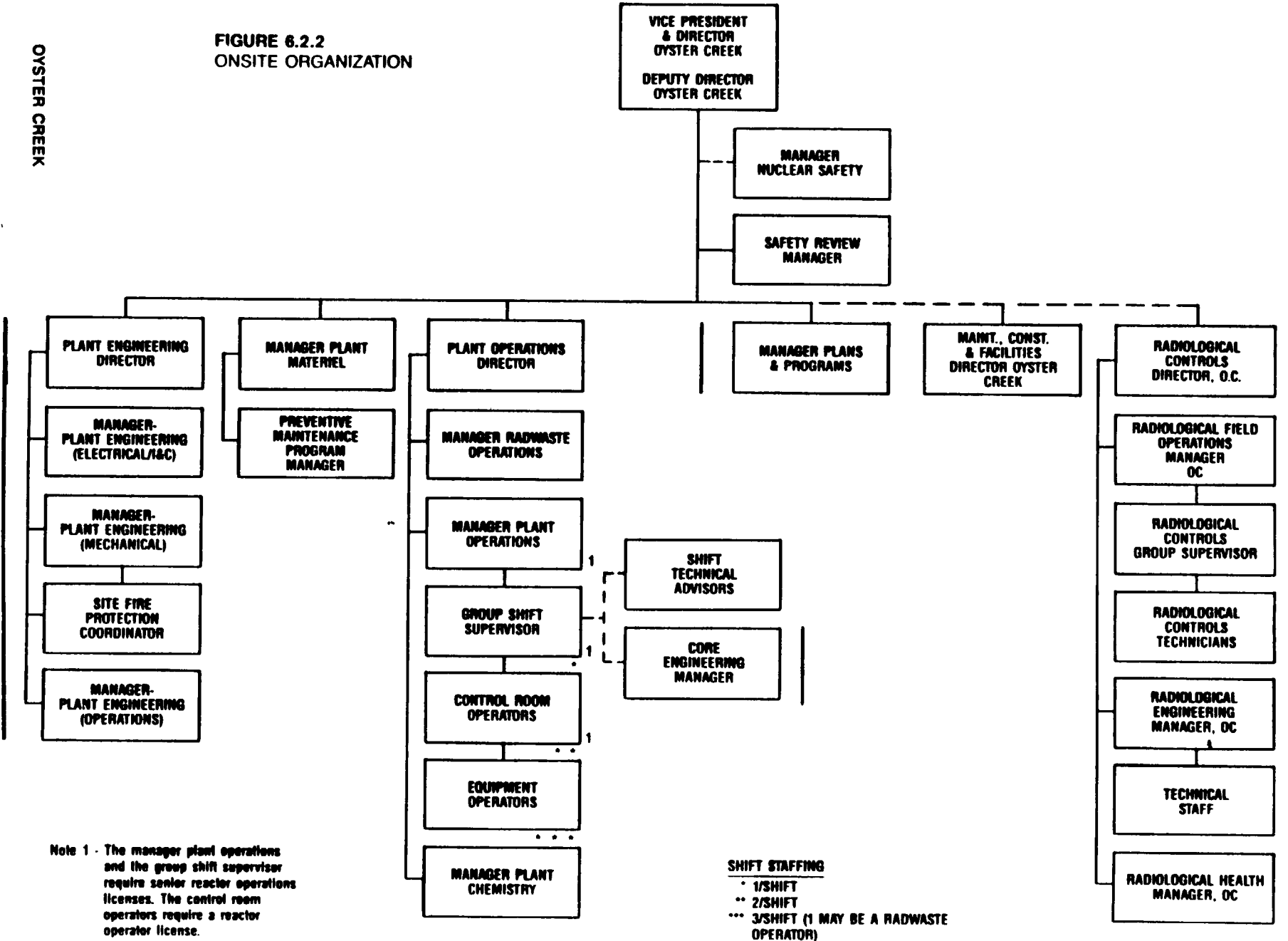


OYSTER CREEK

NOTES TO FIGURE 6.2.1

1. The project engineers, the shift technical advisors, and core engineering manager assigned to the nuclear plant site will report to the Vice President Technical Functions.
2. The quality assurance, emergency planning and radiological and environmental controls functions assigned to the nuclear plant site will report to the Vice President Quality and Radiological Controls.
3. The security, materials management, personnel and general administrative, and training and education functions assigned to the nuclear plant site will report to the Vice President Administration.
4. The Nuclear Safety Assessment, Licensing, and Long Range Planning functions will report to the Vice President Planning & Nuclear Safety.
5. The conduct of all Oyster Creek modifications, construction, and maintenance activities will be the responsibility of the Maintenance, Construction and Facilities Director - Oyster Creek, who will report to the Vice President Maintenance, Construction and Facilities.

FIGURE 6.2.2
ONSITE ORGANIZATION



Note 1 - The manager plant operations and the group shift supervisor require senior reactor operations licenses. The control room operators require a reactor operator license.

SHIFT STAFFING
 • 1/SHIFT
 •• 2/SHIFT
 ••• 3/SHIFT (1 MAY BE A RADWASTE OPERATOR)

6.3 FACILITY STAFF QUALIFICATIONS

6.3.1 The members of the facility staff shall meet or exceed the following qualifications:

Vice President & Director/Deputy Director

Requirements: Ten years total power plant experience of which three years must be nuclear power plant experience. A maximum of four years of academic training may fulfill four of the remaining seven years of required experience. Both must be capable of obtaining or possess a Senior Reactor Operator's License.

Plant Operations Director

Requirements: Eight years total power plant experience of which three years must be nuclear power plant experience. A maximum of two years of academic or related technical training may fulfill two years of the remaining five years of required experience. The Plant Operations Director must be capable of obtaining or possess a Senior Reactor Operator's License.

Plant Engineering Director

Requirements: Eight years of responsible positions related to power generation, of which three years shall be nuclear power plant experience. A maximum of four of the remaining five years of experience may be fulfilled by satisfactory completion of academic or related technical training.

Manager-Plans and Programs

Requirements: Eight years total power plant experience of which four years must have been in nuclear power plant experience. The Manager should possess a four year college degree or equivalent in Business Administration or an Engineering discipline.

Manager-Plant Operations

Requirements: Eight years total power plant experience of which three years must be nuclear power plant experience. A maximum of two years of academic or related technical training may fulfill two of the remaining five years of required experience. The Manager Plant Operations must possess a Senior Reactor Operator's License.

Manager-Plant Chemistry

Requirements: Five years experience in chemistry of which a minimum of one year shall be in radiochemistry at an operating nuclear power plant. A maximum of four years of this five year experience may be fulfilled by related technical or academic training.

Safety Review Manager

Requirements: Eight years total power plant experience of which three years must be nuclear power plant experience. A maximum of two years of academic or related technical training may fulfill two of the remaining five years of required experience.

Manager-Plant Materiel

Requirements: Seven years of total power plant experience of which one year must be nuclear power plant experience. Two years of academic or related technical training may fulfill two of the remaining six years of required experience.

Area Supervisor-Instrument and Computer Maintenance

Requirements: Five years of experience in instrumentation and control, of which a minimum of one year shall be in nuclear instrumentation and control at an operating nuclear power plant. A maximum of four years of this five year experience may be fulfilled by related technical or academic training.

Managers-Plant Engineering

The engineers in charge of technical support shall have a Bachelor's Degree in Engineering or the Physical Sciences and have three years of professional level experience in nuclear services, nuclear plant operation, or nuclear engineering, and the necessary overall nuclear background to determine when to call consultants and contractors for dealing with complex problems beyond the scope of owner-organization expertise.

Core Engineering Manager

At the time of initial core loading or appointment to the position, whichever is later, the responsible person shall have a Bachelor's Degree in Engineering or the Physical Sciences and four years experience or a graduate degree and three years experience. Two of these years shall be nuclear power plant experience. The experience shall be in such areas as reactor physics, core measurements, core heat transfer, and core physics testing programs. Successful completion of a reactor engineering training program (such as the 12 week concentrated programs offered by NSS Vendors) may be equivalent to one year's nuclear power plant experience.

Radiological Controls Director

Requirements: Bachelor's degree or the equivalent in a science or engineering subject, including some formal training in radiation protection. Five years of professional experience in applied radiation protection. (Master's degree equivalent to one year experience and Doctor's degree equivalent to two years experience where coursework related to radiation protection is involved.) Three years of this professional experience should be in applied radiation protection work in a nuclear facility dealing with radiological problems similar to those encountered in nuclear power stations.

Maintenance, Construction, and Facilities Director-OC

Requirements: Seven years of total power plant experience of which one year must be nuclear power plant experience. Two years of academic or related technical training may fulfill two of the remaining six years of required experience.

6.5.3 AUDITS

6.5.3.1 Audits of facility activities shall be performed under the cognizance of the Vice President Quality and Radiological Controls. These audits shall encompass:

- a. The conformance of facility operations to provisions contained within the Technical Specifications and applicable license conditions at least once per 12 months.
- b. The performance, training and qualifications of the facility staff at least once per 12 months.
- c. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least once per six months.
- d. The Facility Emergency Plan and implementing procedures at least once per 12 months.
- e. The Facility Security Plan and implementing procedures at least once per 12 months.
- f. The Fire Protection Program and implementing procedures at least once per 24 months.
- g. The performance of activities required by the Operational Quality Assurance Plan to meet the criteria of Appendix 'B', 10CFR50, at least once per 24 months.
- h. The radiological environmental monitoring program and the results thereof at least once per 12 months.
- i. The OFFSITE DOSE CALCULATION MANUAL and implementing procedures at least once per 24 months.
- j. The PROCESS CONTROL PROGRAM and implementing procedures for radioactive wastes at least once per 24 months.
- k. Any other area of facility operation considered appropriate by the IOSRG or the Office of the President-GPUNC.

6.5.3.2 Audits of the following shall be performed under the cognizance of the Vice President - Technical Functions:

- a. An independent fire protection and loss prevention program inspection and audit shall be performed annually utilizing either qualified offsite licensee personnel or an outside fire protection firm.
- b. An inspection and audit of the fire protection and loss prevention program, by an outside qualified fire consultant at intervals no greater than 3 years.

QUALIFICATIONS

6.5.4.5 IOSRG engineers shall have either (1) a Bachelor's Degree in Engineering or appropriate Physical Science and three years of professional level experience in the nuclear power field which may include technical supporting functions or (2) eight years of appropriate experience in nuclear power plant operations and/or technology. Credit toward experience will be given for advance degrees on a one-to-one basis up to a maximum of two years.

RECORDS

6.5.4.6 Reports of evaluations and assessments encompassed in Section 6.5.4.3 shall be prepared, approved, and transmitted to the Nuclear Safety Assessment Director, Oyster Creek and Planning & Nuclear Safety division Vice President, and the management positions responsible for the areas reviewed.

6.6 REPORTABLE EVENT ACTION

6.6.1 The following actions shall be taken for REPORTABLE EVENTS:

- a. The Commission shall be notified and a report submitted pursuant to the requirements of Section 50.73 to 10 CFR Part 50; and
- b. Each REPORTABLE EVENT shall be reported to the cognizant manager and the cognizant division Vice President and the Vice President & Director Oyster Creek. The functionally cognizant division staff shall prepare a Licensee Event Report (LER) in accordance with the guidance outlined in 10 CFR 50.73(b). Copies of all such reports shall be submitted to the functionally cognizant division Vice President and the Vice President Director & Oyster Creek.

6.7 SAFETY LIMIT VIOLATION

6.7.1 The following actions shall be taken in the event a Safety Limit is violated:

- a. If any Safety Limit is exceeded, the reactor shall be shut down immediately until the Commission authorizes the resumption of operation.
- b. The Safety Limit violation shall be reported to the Commission and the Vice President and Director Oyster Creek.
- c. A Safety Limit Violation Report shall be prepared. The report shall be submitted to the Vice President and Director Oyster Creek. This report shall describe (1) applicable circumstances preceding the violation, (2) effects of the violation upon facility components systems or structures, (3) corrective action taken to prevent recurrence.
- d. The Safety Limit Violation Report shall be submitted to the Commission within 10 days of the violation.

6.10 RECORD RETENTION

6.10.1 The following records shall be retained for at least five years:

- a. Records and logs of facility operation covering time interval at each power level.
- b. Records and logs of principle maintenance activities, inspections, repair and replacement of principal items of equipment related to nuclear safety.
- c. All Licensee Event Reports.
- d. Records of surveillance activities, inspections and calibrations required by these technical specifications.
- e. Records of reactor tests and experiments.
- f. Records of changes made to operating procedures.
- g. Records of radioactive shipments
- h. Records of sealed source leak tests and results.
- i. Records of annual physical inventory of all source material of record.

6.10.2 The following records shall be retained for the duration of the Facility Operating License:

- a. Record and drawing changes reflecting facility design modifications made to systems and equipment described in the Final Safety Analysis Report.
- b. Records of new and irradiated fuel inventory, fuel transfers and assembly burnup histories.
- c. Records of facility radiation and contamination surveys.
- d. Records of radiation exposure for all individuals entering radiation control areas.
- e. Records of gaseous and liquid radioactive material released to the environs.
- f. Records of transient or operational cycles for those facility components designed for a limited number of transients or cycles.
- g. Records of training and qualification for current members of the plant staff.
- h. Records of inservice inspections performed pursuant to these technical specifications.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO.117 TO PROVISIONAL OPERATING LICENSE NO. DPR-16

GPU NUCLEAR CORPORATION
AND
JERSEY CENTRAL POWER & LIGHT COMPANY
OYSTER CREEK NUCLEAR GENERATING STATION
DOCKET NO. 50-219

1.0 INTRODUCTION

By letter dated June 19, 1987, GPU Nuclear Corporation (GPUN or licensee) requested an amendment to the Provisional Operating License No. DPR-16 for the Oyster Creek Nuclear Generating Station (Oyster Creek). The proposed amendment would change the administrative controls section of the Technical Specifications to reflect organizational changes to the corporate and Oyster Creek site organizations of GPU Nuclear Corporation. The proposed Amendment would also change Section 6.10.1.c of the Technical Specifications to be consistent with 10 CFR 50.73 terminology.

2.0 EVALUATION

1. GPU Nuclear Corporation

GPU Nuclear has revised the corporate structure by deleting the organizational divisions under the Vice President Nuclear Assurance and Vice President Radiological and Environmental Controls and creating organizational divisions under a Vice President Quality and Radiological Controls and Vice President Planning and Nuclear Safety.

The current responsibilities of the Vice President Radiological and Environmental Controls, and Vice President Nuclear Assurance have been transferred to the new position of Vice President Quality and Radiological Controls. The current responsibilities of Nuclear Safety Assessment have been transferred to the new position of Vice President Planning and Nuclear Safety; and the current responsibilities of the Director Training and Education have been transferred to the Vice President Administration. These changes are shown in revised Figure 6.2-1.

We have reviewed the requested changes and found them acceptable as they have not deleted any functional units that support the operation of Oyster Creek and the organization meets the acceptable criteria of Section 13.1.1 of NUREG-0800, the Standard Review Plan.

2. Onsite Organization

A. The following organization titles of the onsite organization have been changed.

- 1) Manager Plant Administration to Manager-Plans and Programs
- 2) Maintenance and Construction Director Oyster Creek to Maintenance, Construction, and Facilities Director-Oyster Creek
- 3) Operational Maintenance, PM and Surveillance Manager to Preventative Maintenance Program Manager
- 4) Radiological Support Manager, OC to Radiological Health Manager-OC
- 5) Manager Maintenance Engineering to Manager-Plant Engineering (Electrical/I&C)
- 6) Manager Support Engineering to Manager-Plant Engineering (Mechanical)
- 7) Manager Operations Engineering to Manager-Plant Engineering (Operations)
- 8) Core Manager to Core Engineering Manager

B. The position of Core Engineering Manager now reports to the Vice President Technical Functions rather than the former position of Manager Operations Engineering.

These changes are shown on revised Figure 6.2.2. We find these title changes acceptable as they are administrative changes only. The Core Engineering Manager change is a reassignment of function within the unit organization and is also administrative change.

3. Editorial Changes

The licensee has requested editorial changes to pages 6-4, 6-6, 6-7, 6-12, and 6-14 to reflect the revised organization and title changes.

We find these changes acceptable as they are editorial changes to reflect the revised organization.

4. Record Retention

The licensee has requested that Section 6.10.1.c (page 6-19), which reads "Reportable Occurrence Reports" be changed to "All Licensee Event Reports."

We find this change acceptable as it is consistent with 10 CFR 50.73 terminology.

3.0 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, the 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.

4.0 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.

Dated: September 30, 1987

Principal Contributor:
F. Allenspach