



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

May 30, 1985

Docket No. 50-219  
LS05-85-05-044

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: CHANGES TO THE APPENDIX B TECHNICAL SPECIFICATIONS

Re: Oyster Creek Nuclear Generating Station

The Commission has issued the enclosed Amendment No. 83 to Provisional Operating License No. DPR-16 for the Oyster Creek Nuclear Generating Station (OCNGS). This amendment is in response to your application dated May 1 and 25, 1984.

This amendment authorizes changes to Table 3-1 of the Appendix B Technical Specifications (TS) relating to the location of three marine woodborer exposure panels. It does not authorize changes you proposed for Section 3.1.4, Water Quality Study, of the TS. Your application for changes to Section 3.1.4 was incomplete in that it did not address the following changes which were also in your proposed rewording of Section 3.1.4: (1) changing water temperature to temperature, (2) changing the frequency of calibration of pH measuring instruments from daily before each use to daily and (3) deleting the requirement that the water quality measurements are done monthly. Even though we know these changes were not intended to be proposed by the licensee, the application before us has these changes in the proposed Section 3.1.4. Your proposed changes to reduce the frequency of calibration from daily before each use to quarterly for the salinity, water temperature and dissolved oxygen measuring instrumentation do not appear to be objectionable but will be acted upon in conjunction with your submittal of an acceptable Section 3.1.4 to the TS.

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Mr. P. B. Fiedler

- 2 -

May 30, 1985

A Notice of Consideration of Issuance of Amendment to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on February 27, 1985 (50 FR 7987). No public comments or requests for hearing were received.

A copy of our related Safety Evaluation is also enclosed. A notice of issuance pertaining to this action will appear in the Commission's monthly notice publication in the Federal Register. A separate notice of Denial of Amendment is being forwarded to the Federal Register for publication.

Sincerely,

*Walt A. Paulson*  
for John A. Zwolinski, Chief  
Operating Reactors Branch #5  
Division of Licensing

Enclosures:

1. Amendment No. 83 to  
License No. DPR-16
2. Safety Evaluation
3. Notice of Denial

cc w/enclosures:  
See next page

Mr. P. B. Fiedler

- 2 -

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Sincerely,

**Original signed by:**

John A. Zwolinski, Chief  
Operating Reactors Branch #5  
Division of Licensing

Enclosures:

1. Amendment No. 83 to License No. DPR-16
2. Safety Evaluation
3. Notice of Denial

cc w/enclosures:  
See next page

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

Docket No. 50-219

Mr. P. B. Fiedler  
Vice President and Director  
Oyster Creek Nuclear Generating Station  
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do not appear to be objectionable but will be acted upon in conjunction

~~Marine borers and foulers have been studied for many years at OCNGS, in relation to thermal effluents and habitat conditions in Oyster Creek, Forked River, and Barnegat Bay. These studies are continuing. The duration of these studies, the mitigative measures imposed by the licensee, and the findings of minimal impacts suggest that the licensee should consider review of the entire woodborer TS for removal of the program requirements from the TS.~~

X

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

Oyster Creek Nuclear Generating Station

cc  
G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N.W.  
Washington, D.C. 20036

Resident Inspector  
c/o U.S. NRC  
Post Office Box 445  
Forked River, New Jersey 08731

J.B. Liberman, Esquire  
Bishop, Liberman, Cook, et al.  
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New Jersey Department of Energy  
101 Commerce Street  
Newark, New Jersey 07102

Regional Administrator  
Nuclear Regulatory Commission  
Region I Office  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Eugene Fisher, Assistant Director  
Division of Environmental Quality  
Department of Environmental  
Protection  
380 Scotch Road  
Trenton, New Jersey 08628

BWR Licensing Manager  
GPU Nuclear  
100 Interpace Parkway  
Parsippany, New Jersey 07054

Deputy Attorney General  
State of New Jersey  
Department of Law and Public Safety  
36 West State Street - CN 112  
Trenton, New Jersey 08625

Mayor  
Lacey Township  
818 West Lacey Road  
Forked River, New Jersey 08731

U.S. Environmental Protection Agency  
Region II Office  
ATTN: Regional Radiation Representative  
26 Federal Plaza  
New York, New York 10007

D. G. Holland  
Licensing Manager  
Oyster Creek Nuclear Generating Station  
Post Office Box 388  
Forked River, New Jersey 08731



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

GPU NUCLEAR CORPORATION  
AND  
JERSEY CENTRAL POWER & LIGHT COMPANY  
OYSTER CREEK NUCLEAR GENERATING STATION  
AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 83  
License No. DPP-16

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by GPU Nuclear Corporation and Jersey Central Power and Light Company (the licensees) dated May 1 and 25, 1984 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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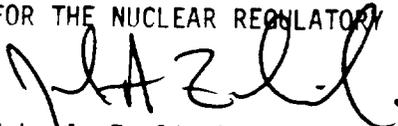
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C(?) of Provisional Operating License No. DPR-16 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 83, 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 the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



John A. Zwolinski, Chief  
Operating Reactors Branch #5  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: May 30, 1985.

ATTACHMENT TO LICENSE AMENDMENT NO. 83  
PROVISIONAL OPERATING LICENSE NO. DPR-16  
DOCKET NO. 50-219

Revise Appendix B Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by the captioned amendment number and contain vertical lines indicating the area of change.

REMOVE

3-5  
3-6

INSERT

3-5  
3-6

TABLE 3-1  
EXPOSURE PANEL ARRAYS  
BARNEGAT BAY, NEW JERSEY

<u>Site No.</u>	<u>Site*</u>	<u>Structure to be Used for Suspension of Rack**</u>	<u>Approximate Latitude and Longitude</u>
1	Barnegat Coast Guard Station Barnegat Inlet	Finger Pier	Lat. 39° 45.8'N Lo. 74° 06.5'W
2	Ashton Marina 1450 Bay Ave. Manahawkin, N.J.	Bulkhead	Lat. 39° 40'N Lo. 74° 13'W
3.	Iggie's Marina East Bay Ave. Barnegat, N.J.	Bulkhead	Lat. 39° 45'N Lo. 74° 12.5'W
4	Liberty Harbor Marina Washington Ave. Waretown, N.J.	Bulkhead	Lat. 39° 47'N Lo. 74° 11'W
5	Mouth of Oyster Creek Lagoon (Compass Road)	Pier	Lat. 39° 48.5'N Lo. 74° 10.3'W
6	Oyster Creek #1 Lagoon (inshore end) Private Residence	Pier	Lat. 39° 48.5'N Lo. 74° 10.9'W
7	Barnegat Marine Service Center Dock Avenue Sands Pt. Harbor Waretown, N.J.	End of Dock	Lat. 39° 48.5'N No. 74° 11.1'W
8	1500 ft East of the Oyster Creek R.R. Bridge Discharge Canal	Bulkhead	Lat. 39° 48.7'N Lo. 74° 12'W

Amendment No. ~~6~~ 6, 83

TABLE 3-1 - Continued.

<u>Site No.</u>	<u>Site*</u>	<u>Structure to be Used for Suspension of Rack**</u>	<u>Approximate Latitude and Longitude</u>
9	Forked River South Branch Intake Canal	Metal Pier	Lat. 39° 49.2'N Lo. 74° 12.2'W
10	Teds Marina- Bay Avenue Forked River	Pier	Lat. 39° 50.1'N Lo. 74° 11.6'W
11	Forked River (near mouth) 1413 River View Dr. Private Residence	Bulkhead	Lat. 39° 49.7'N Lo. 74° 10'W
12	Stouts Creek 1273 Capstan Dr. Private Residence	Pier	Lat. 39° 50.5'N Lo. 74° 08.8'W
13	Rocknak's Yacht Basin Seaview Avenue Lanoka Harbor, N.J.	— End of Pier	Lat. 39° 52'N Lo. 74° 09'W
14	Dicks Landing Island Drive Bayville, N.J. (Holly Park)	Pier	Lat. 39° 54'N Lo. 74° 08.1'W
15	Winter Yacht Basin Inc., Rt. 528 at Mantoloking Bridge W. Mantoloking, N.J.	Pier	Lat. 40° 02.5'N Lo. 74° 03.5'W
16	Bayside Boats State Hwy 35 and Bay Blvd. Seaside Park, NJ	Pier	Lat. 39° 55.9'N Lo. 74° 04.9'W



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 83 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 letters dated May 1 and 25, 1984, GPU Nuclear Corporation (GPUN) (the licensee) requested an amendment to Provisional Operating License No. DPR-16 for the Oyster Creek Nuclear Generating Station (OCNGS). This amendment would authorize changes to the Appendix B Technical Specifications (TS) to reflect the change in the location for three marine woodborer exposure panels and for revisions to the procedure for calibration of environmental monitoring instrumentation. These changes would be to Section 3.0, Special Monitoring and Study Activities, Woodborer Monitoring Program, of Appendix B of the Oyster Creek TS.

A Notice of Consideration of Issuance of Amendment to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on February 27, 1985, (50 FR 7987). No public comments or requests for hearing were received.

2.0 DISCUSSION AND EVALUATION

2.1 Woodborer Exposure Panels

The licensee proposes to relocate the woodborer exposure panels at three sampling sites due to vandalism. The three sites are: Site No. 8 in Oyster Creek; Site No. 9 in Forked River; and Site No. 16 in Barnegat Bay. This proposal would amend Table 3.1, Exposure Panel Arrays, Barnegat Bay, New Jersey, of the Appendix B TS by changing the site location of panels 8, 9 and 16 in this table. A review of documents related to the licensee's woodborer study program revealed that these exposure panel relocations already have been made as follows:

In November 1983, the panels at Site numbers 8 and 9 were relocated to the positions described in Attachment 1 to the May 1, 1984 TS change request.

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In December 1981, the original location of Site 16 was changed and relabeled as "16A." That location was modified in June 1982 and labeled as "16B." Site No. 16B is that which is described in Attachment 1 to the May 1, 1984 TS change request.

These changes, therefore, are changes in the wording of the Appendix B of the TS since the exposure panels have been relocated to the sites described in the request.

The Oyster Creek TS require the licensee to report changes in procedures to NRC only if a change would result in significant environmental impact, or if it involves a previously unreviewed environmental matter. The changes in exposure panels already made and the request for TS wording changes do not appear to involve either of these two criteria and the TS (i.e., footnote "\*" to Table 3-1) allows the licensee to change the location of the exposure panels to protect the panels against vandalism. Therefore, these changes are permissible under the TS and acceptable to the staff.

The staff examined the results of several studies of the woodborer problem and compared the observed impacts against those projected in the 1974 Final Environmental Statement (FES). The staff concluded that while localized effects have occurred (and have been mitigated to a large degree), wide-spread woodborer impact has not occurred as a result of Oyster Creek operation. The changes in exposure panel locations do not appear to have jeopardized the study program objectives and, therefore, are acceptable.

## 2.2 Water Quality Study

The licensee also proposes to change the requirement in Section 3.1.4 for instrument calibration from each day the instrument is used during the monthly sampling program to quarterly for water salinity, water temperature and dissolved oxygen. GPUN has justified the proposed change on the grounds that the use to which the data are put does not demand the degree of accuracy which the existing frequent calibration would ensure. The licensee would check the performance of all measuring devices prior to use. The staff concurs that the cost of daily calibration is not justified by the program objective and the change can be made without reducing the value of the data. The added description in the TS of the method of each calibration is acceptable to the staff.

The proposed change to reduce the frequency of instrument calibration will not be authorized at this time. This is because the application for this change also included other proposed changes to Section 3.1.4 which were not addressed in the May 1 and 25, 1984, submittals from the licensee. These submittals did not address and did not provide a basis for the following changes which were in the proposed rewording of Section 3.1.4: (1) changing water temperature to temperature, (2) changing the frequency of calibration of pH measurement instruments from daily before each use to daily and (3) deleting the requirement that the water quality measurements are made monthly.

In a phone conference, the licensee stated that these changes were not intended to be prepared in its application of May 1 and 25, 1984. However, the staff will not authorize a change to Section 3.1.4 of the TS until the licensee has proposed acceptable wording for the section.

### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment relates to changes to a license for a reactor pursuant to Part 50 which changes an inspection or a surveillance requirement. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). 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

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.

### 5.0 ACKNOWLEDGEMENT

This evaluation was prepared by C. Hickey, Jr. and J. Donohew, Jr.

Dated: May 30, 1985.

UNITED STATES NUCLEAR REGULATORY COMMISSIONGPU NUCLEAR CORPORATIONDOCKET NO. 50-219DENIAL OF AMENDMENT TO PROVISIONAL OPERATING LICENSE  
AND OPPORTUNITY FOR HEARING

The U. S. Nuclear Regulatory Commission (the Commission) has denied in part a request by the licensee for an amendment to Provisional Operating License No. DPR-16, issued to the GPU Nuclear Corporation (the licensee) for operation of the Oyster Creek Nuclear Generating Station (OCNGS) in Ocean County, New Jersey. Notice of consideration of issuance of this amendment was published in the Federal Register on February 27, 1985, (50 FR 7987).

The amendment, as proposed in the justification for the change by the licensee, would change the OCNGS Appendix B Technical Specifications, Section 3.1.4, Water Quality Study, to reduce the frequency of calibrating the instruments for measuring water salinity, water temperature and dissolved oxygen. The licensee's application for changes to Section 3.1.4 was incomplete in that it did not address the following changes which are also in the licensee's proposed rewording of Section 3.1.4: (1) changing water temperature to temperature, (2) changing the frequency of calibrating pH measuring instruments from daily before each use to daily, and (3) deleting the existing requirement that the water quality measurements are made monthly.

All other provisions of the amendment request have been approved by Amendment No. 83.

Notice of issuance of Amendment No. 83 will be published in the Commission's next regular biweekly Federal Register Notice.

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- 2 -

The licensee was notified of the Commission's denial of the proposed technical specification changes by letter dated May 30, 1985.

By July 5, 1985, the licensee may demand a hearing with respect to the denial described above and any person whose interest may be affected by this proceeding may file a written petition for leave to intervene.

A request for a hearing or petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., by the above date.

A copy of any petitions should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to G. F. Trowbridge, Esquire, Shaw, Pittman, Potts, and Trowbridge, 1800 M Street, N.W., Washington, D.C. 20036, attorney for the licensee.

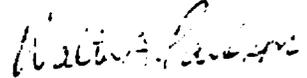
For further details with respect to this action, see (1) the application for amendment dated May 1 and 25, 1984, and (2) the Commission's Safety Evaluation issued with Amendment No. 83 to DPR-16 dated May 30, 1985, which are available for public inspection at the Commission's Public

- 3 -

Document Room, 1717 H Street, N.W., Washington, D.C., and at the Ocean County Library, 101 Washington Street, Toms River, New Jersey. A copy of item (2) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 30th day of May 1985.

FOR THE NUCLEAR REGULATORY COMMISSION



Walter A. Paulson, Acting Chief  
Operating Reactors Branch No. 5  
Division of Licensing