

GPU NUCLEAR CORPORATION

OYSTER CREEK NUCLEAR GENERATING STATION

Provisional Operating  
License No. DPR-16  
Docket No. 50-219

Request for Amendment

GPU Nuclear requests amendment of Provisional Operating License No. DPR-16 to accommodate our proposed increased storage capacity of the spent fuel pool. Accordingly, Technical Specification Change Request No. 111 to the Oyster Creek Nuclear Generating Station Technical Specifications and Amendment No. 79 to the Oyster Creek Nuclear Generating Station Facility Description and Safety Analysis Report are hereby submitted.

Technical Specification Change Request No. 111 changes Section 5.3 of Appendix A of the license while Amendment No. 79 to the Facility Description and Safety Analysis Report describes the planned spent fuel pool modification and presents the safety evaluation for the modification.

By *P. B. Fiedler*  
P. B. Fiedler  
Vice President and  
Director-Oyster Creek

Sworn and subscribed to before me this 20<sup>th</sup> day of September, 1983.

*Diana A. Maldet*  
DIANA A. MALDET  
A Notary Public of New Jersey  
My Commission Expires June 5, 1986

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

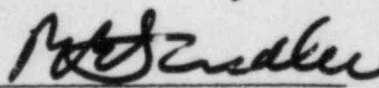
IN THE MATTER OF )  
GPU NUCLEAR )

DOCKET NO. 50-219

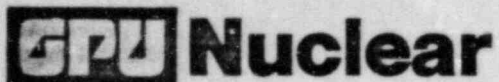
CERTIFICATE OF SERVICE

This is to certify that a copy of the request to amend Provisional Operating License No. DPR-16, Appendix A of the License and the Oyster Creek Nuclear Generating Station Facility Description and Safety Analysis Report, which accommodates our proposed increased storage capacity of the spent fuel pool, dated September 2 , 1983, and filed with the United States Nuclear Regulatory Commission on September 6 , 1983, has this 6 th day of September 1983, been served on the Mayor of Lacey Township, Ocean County, New Jersey, by deposit in the United States mail, addressed as follows:

Mayor of Lacey Township  
818 West Lacey Road  
Forked River, N.J. 08731

By   
P. B. Fiedler  
Vice President and  
Director-Oyster Creek

Dated: September 6, 1983



GPU Nuclear Corporation  
100 Interpace Parkway  
Parsippany, New Jersey 07054  
201 263-6500  
TELEX 136-482  
Writer's Direct Dial Number:

September 6, 1983

Mayor of Lacey Township  
818 West Lacey Road  
Forked River, N.J. 08731

Dear Mayor

Enclosed is a copy of the request to amend Provisional Operating License No. DPR-16, Technical Specification Change Request No. 111 of Appendix A of the License and Amendment No. 79 to the Facility Description and Safety Analysis Report for the Oyster Creek Nuclear Generating Station.

These changes which accommodate our proposed increase in the storage capacity of the spent fuel pool, were filed with the United States Nuclear Regulatory Commission on September 6, 1983.

Very truly yours,

A handwritten signature in black ink, appearing to read "P. B. Fiedler".

P. B. Fiedler  
Vice President and  
Director-Oyster Creek

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OYSTER CREEK NUCLEAR GENERATING STATION  
PROVISIONAL OPERATING LICENSE NO. DPR-16  
(DOCKET NO. 50-219)

Applicant hereby requests the Commission to change Provisional Operating License No. DPR-16 and Appendix A, the Technical Specifications, of this License as follows:

1. Sections to be Changed

Paragraph 2.B.(2) of the License. Section 5.3 of the Technical Specifications.

2. Extent of Changes

To modify the provisions for receipt, possession and use of special nuclear material as reactor fuel, and to specify the appropriate storage requirements of reactor fuel.

3. Changes Requested

Replace paragraph 2.B(2) of the current Provisional Operating License DPR-16 with the attached paragraph 2.B(2). Change Appendix A of the License as indicated in the attached Technical Specification pages 5.3-1 and 5.3-2.

4. Discussion

The Oyster Creek spent fuel pool is currently licensed for the storage of 1800 spent fuel assemblies. In order to meet storage needs beyond 1985, it is our intent to increase the licensed storage capacity of the spent fuel pool to 2600 assemblies. The increased capacity would meet anticipated storage requirements through 1992.

The current storage capacity of the spent fuel pool is based on Amendment No. 78 of the Facility Description and Safety Analysis Report (FDSAR). Our review of Amendment No. 78 indicates that the proposed increase in storage capacity will impact pool reactivity considerations, pool structural adequacy and the heat load in the pool. Amendment No. 79, dated \_\_\_\_\_, of the FDSAR describes the proposed spent fuel pool modifications and represents the safety evaluation to support the modifications. Technical Specification Change Request No. 111 ensures that spent fuel is stored in conformance with Amendment No. 79 of the FDSAR.

The proposed modification to paragraph 2.B(2) of the current Provisional Operating License changes the FDSAR reference to Amendment No. 79 of the FDSAR, thereby allowing the storage of 2600 fuel assemblies in the spent fuel pool.

We have determined that the proposed modification to the spent fuel pool storage racks is acceptable because (1) the structural design is adequate, (2) the new storage racks will preclude criticality for the currently approved Oyster Creek fuel assemblies, (3) the spent fuel pool can be adequately cooled, (4) the modification will be completed without damage to stored fuel assemblies sufficient to cause criticality and (5) the quality of the human environment will not be significantly affected. We have, therefore, determined that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the propose 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.

PROPOSED LICENSE CHANGE

- 2.B(2) Pursuant to the Act and 10CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Facility Description and Safety Analysis Report, as supplemented and amended as of