



GPU Nuclear Corporation  
Post Office Box 388  
Route 9 South  
Forked River, New Jersey 08731-0388  
609 971-4000  
Writer's Direct Dial Number:

April 11, 1990

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

Gentlemen:

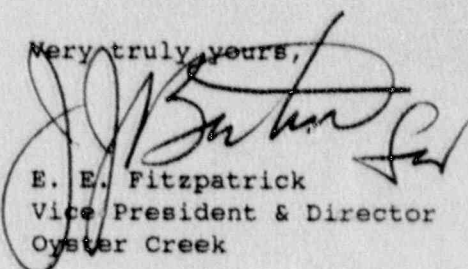
Subject: Oyster Creek Nuclear Generating Station (OCNGS)  
Docket No. 50-219  
Technical Specification Change Request (TSCR) No. 177, Rev 1

In accordance with 10CFR50.90 and 10CFR50.91 GPU Nuclear Corporation, operator of the Oyster Creek Nuclear Generating Station, Provisional Operating License No. DPR-16, requests a change to Appendix A of the license.

The initial purpose of TSCR No. 177 was to change the surveillance requirements of the Station Batteries. TSCR 185 requested an extension of the allowable interval for numerous surveillances from 18 to 24 months (including station batteries). Revision 1 to TSCR 177 expands the Battery Testing Revision and requests that the surveillance interval for battery service tests be revised to 24 months.

This change request has been reviewed in accordance with Section 6.5 of the Oyster Creek Technical Specifications. Pursuant to 10CFR50.91(b)(1), a copy of this change request has been sent to the State of New Jersey Department of Environmental Protection.

Very truly yours,

  
E. E. Fitzpatrick  
Vice President & Director  
Oyster Creek

EEF/JR/jc/(TSCR177-R1)  
Attachment  
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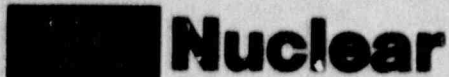
Add: WRR 201-APM Tam <sup>4th Encl</sup> 11

A001

cc: Mr. William T. Russell, Administrator  
Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA. 19406

NRC Resident Inspector  
Oyster Creek Nuclear Generating Station  
Forked River, N.J. 08731

Mr. Alex Dromerick  
U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D.C. 20555



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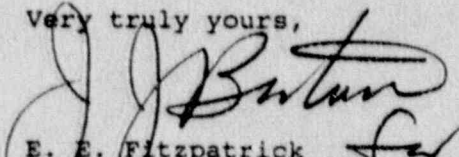
The Honorable Debra Madensky  
Mayor of Lacey Township  
818 West Lacey Road  
Forked River, NJ 08731

Dear Mayor Madensky:

Enclosed herewith is one copy of the Technical Specification Change Request No. 177, Rev. 1 for the Oyster Creek Nuclear Generating Station Operating Licensing.

This document was filed with the United States Nuclear Regulatory Commission on April 11, 1990.

Very truly yours,



E. E. Fitzpatrick  
Vice President &  
Director, Oyster Creek

EEF/JJR/jc  
Enclosure



 **Nuclear**

**GPU Nuclear Corporation**  
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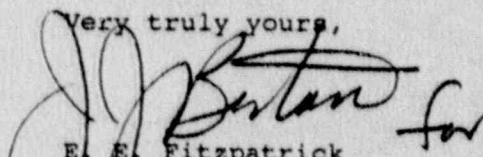
Mr. Kent Tosch, Chief  
Bureau of Radiation Protection  
Department of Environmental Protection  
401 East State Street  
Trenton, NJ 08628

Dear Mr. Tosch:

Subject: Oyster Creek Nuclear Generating Station  
Provisional Operating License No. DPR-16  
Technical Specification Change Request No. 177, Rev. 1

Pursuant to 10CFR50.91(b)(1), please find enclosed a copy of the subject document which was filed with the United States Nuclear Regulatory Commission on April 11, 1990.

Very truly yours,

  
E. E. Fitzpatrick  
Vice President &  
Director, Oyster Creek

EEF/JJR/jc  
Enclosure

GPU NUCLEAR CORPORATION  
OYSTER CREEK NUCLEAR GENERATING STATION

PROVISIONAL OPERATING  
LICENSE NO. DPR-16

Technical Specification  
Change Request No. 177, Rev. 1  
Docket No. 50-219

Applicant submits, by this Technical Specification Change Request No. 177,  
Rev. 1 to the Oyster Creek Nuclear Generating Station Technical Specifications,  
a change to page 4.7-2.

By: 

E. E. Fitzpatrick  
Vice President &  
Director, Oyster Creek

Sworn and subscribed to before me this 11<sup>th</sup> day of April 1990.

  
NOTARY PUBLIC OF NEW JERSEY

JUDITH M. CROWE  
Notary Public of New Jersey  
My Commission Expires 11/25/95

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF )  
 )  
GPU NUCLEAR CORPORATION )

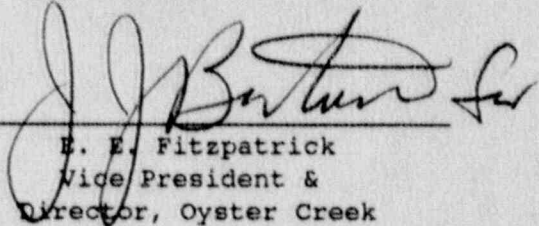
DOCKET NO. 50-219

CERTIFICATE OF SERVICE

This is to certify that a copy of Technical Specification Change Request No. 177, Rev. 1 for the Oyster Creek Nuclear Generating Station Technical Specifications, filed with the United States Nuclear Regulatory Commission on April 11, 1990, has this day of April 11, 1990, been served on the Mayor of Lacey Township, Ocean County, New Jersey by deposit in the United States mail, addressed as follows:

The Honorable Debra Madensky  
Mayor of Lacey Township  
818 West Lacey Road  
Forked River, NJ 08731

By: \_\_\_\_\_

  
E. E. Fitzpatrick  
Vice President &  
Director, Oyster Creek



OYSTER CREEK NUCLEAR GENERATING STATION  
PROVISIONAL OPERATING LICENSE NO. DPR-16  
DOCKET NO. 50-219  
TECHNICAL SPECIFICATION CHANGE REQUEST NO. 177

Applicant hereby requests the Commission to change Appendix A to the above captioned license as indicated below. Pursuant to 10CFR50.91, an analysis concerning the determination of no significant hazards considerations is also presented:

1. Section to be Changed

4.7.B.3

4.7 Auxiliary Electrical Power

2. Extent of Change

Revise the surveillance interval of the existing battery performance test.

3. Changes Requested

Revise the requested TSCR 177 to change the Battery Service Test and Annunciator intervals from 18 to 24 months.

4. Discussion

Technical Specification Section 4.7, Subsections A.5 and B.3, currently specify that diesel generator starting batteries and station batteries shall be tested at least once per 18 months during shutdown, respectively. This surveillance test verifies the battery capacity during a battery capacity discharge test, and verifies operability of the battery low voltage annunciators. The safety function of the DC power system is to provide a continuous source of 125V DC power to Class 1E Buses B and C, and to provide 125V DC power for starting the emergency diesel generators and for certain relays. The safety function of the period surveillance test is to assure acceptable availability of the 125V DC power system. Evaluation of test results for the 125V DC power system has indicated no significant failure of the low voltage annunciators. All batteries are subject to weekly surveillances to verify electrolyte level, pilot cell voltage, overall battery voltage, and pilot cell specific gravity in accordance with Technical Specification Section 4.7.B.1. All batteries are subjected to quarterly surveillances to verify electrolyte level, the voltage of each connected cell, and the specific gravity of each cell. These surveillances monitor battery conditions and capabilities, and will indicate cell deterioration tendencies long before such tendencies cause improper cell performance. The battery manufacturer has supported the load test cycle from 18 to 24 months. Extending the load test cycle from 18 to 24 months will reduce the number of discharges the batteries are subjected to thereby prolonging the life of the batteries. The proposed extension of the surveillance test from 18 to 24 months will have no effect on the 125V DC power system availability for the reasons stated above. Therefore, the proposed change has no effect on the safety function of the 125V DC power system.

## 5. Determination

GPU Nuclear has determined that operation of the Oyster Creek Nuclear Generating Station in accordance with the proposed technical specifications does not involve a significant hazard. The changes do not:

1. Involve a significant increase in the probability or the consequence of an accident previously evaluated. The proposed surveillance interval does not involve any changes to the plant configuration, availability of safety systems or the manner in which they respond to initiating events, and, as such, will not increase the probability of an accident previously evaluated. The surveillance requirements will not alter the battery's response to an accident and, therefore will not increase the consequences of an accident previously evaluated.
2. Create the possibility of a new or different kind of accident from any previously evaluated. Revising the battery refueling outage surveillance interval does not involve any change to the plant configuration, nor does it change the availability of the batteries or the manner in which they respond to initiating events. As such, the possibility of a new or different kind of accident from any previously evaluated is not created.
3. Involve a significant reduction in a margin of safety. The weekly, monthly and 24 months outage battery surveillance requirements verify the availability and capability of these components and, therefore, do not represent a reduction in the margin of safety.