

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

October 16, 1990

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Gentlemen:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Technical Specification Change Request No. 181
Revision 1

Pursuant to 10CFR50.90, GPU Nuclear Corporation, operator of the Oyster Creek Nuclear Generating Station (OCNGS), Provisional Operating License No. DPR-16, requests a change to Appendix A of that license.

The attached Technical Specification Change Request proposes to eliminate seven (7) main steam safety valves with the two highest set points. This request replaces the original license amendment request dated December 18, 1989 in its entirety. The original design for Oyster Creek Reactor Vessel was ASME Section I 1962 edition which was interpreted to require that the safety valve capacity be such that all potentially generated steam by the boiler (reactor vessel) be discharged without credit for fuel stoppage. The ASME Section I deals specifically with power boilers and not nuclear reactors. Recent codes and standards (ASME Section I and III) recognize operating controls or safety controls for the protected system upon which the required relief capacity is predicted. In addition, NUREG 0800, "Standard Review Plan" Section 5.2.2.II.A allows credit for reactor scram for safety valve sizing. Thus, the scram feature with no credit taken for recirculation pump trip can be utilized in sizing relief capacity.

Based on the above, GPUN proposes that the high flux scram be used for determining the safety valve capacity, with the result being a reduction in the number of safety valves. This reduction will significantly reduce radiation exposure, probability of failures, leakage and maintenance costs.

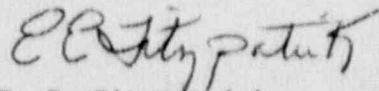
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We request the NRC staff to place an appropriate priority for a timely review of these proposed Technical Specification changes, such that the modification can be scheduled and completed during the 13R outage.

This change request has been reviewed in accordance with Section 6.5 of the OCNCS Technical Specifications, and using the standards in 10 CFR 50.92 we have concluded that these proposed changes do not constitute a significant hazards consideration.

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 and Director
Oyster Creek

EEF/BMP/crb
(TSCR181)

Attachment

cc: 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, Jr.
U.S. Nuclear Regulatory Commission
Washington, DC 20555

 **Nuclear**

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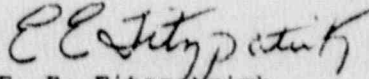
Mr. Kent Tosch, Director
Bureau of Nuclear Engineering
Department of Environmental Protection
CN415
Trenton, New Jersey 08625

Dear Mr. Tosch:

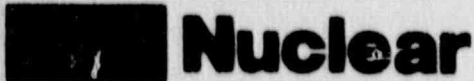
Subject: Oyster Creek Nuclear Generating Station
Provisional Operating License No. DPR-16
Technical Specification Change Request No. 181
Revision 1

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 October 16, 1990.

Very truly yours,


E. E. Fitzpatrick
Vice President and Director
Oyster Creek

EEF/BMP/crb
Attachment



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

October 16, 1990

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

Dear Mayor Madensky:

Enclosed herewith is one copy of Technical Specification Change Request
No. 181, Revision 1 for the Oyster Creek Nuclear Generation Station
Operating License.

This document was filed with the United States Nuclear Regulatory
Commission on October 16, 1990.

Very truly yours,

A handwritten signature in cursive script, reading "E. E. Fitzpatrick".

E. E. Fitzpatrick
Vice President and Director
Oyster Creek

EEF/BMP/crb
Attachment