

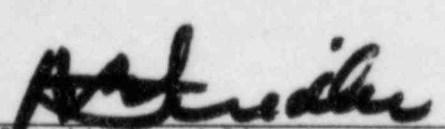
GPU NUCLEAR CORPORATION
OYSTER CREEK NUCLEAR GENERATING STATION

PROVISIONAL OPERATING
LICENSE NO. DPR-16

Technical Specification
Change Request No. 112
Docket No. 50-219

Applicant submits, by this Technical Specification Change Request No. 112 to the Oyster Creek Nuclear Generating Station Technical Specifications, a change to Specifications 3.5, 3.5 Bases, and 4.5 Bases.

BY:


Vice President and Director
Oyster Creek

Sworn and subscribed to before me this 19th day of July 1984

Diana A. Mallett

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

8407260168 840719
PDR ADDCK 05000219
P PDR

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF
GPU NUCLEAR CORPORATION

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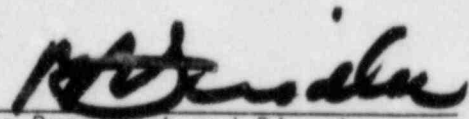
DOCKET NUMBER 50-219

CERTIFICATION OF SERVICE

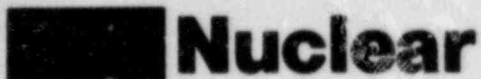
This is to certify that a copy of Technical Specification Change Request No. 112 for the Oyster Creek Nuclear Generating Station Technical Specification, filed with the U.S. Nuclear Regulatory Commission on July 19, 1984 has this 19th day of July, 1984 been served on the Mayor of Lacey Township, Ocean County, New Jersey by deposit in the United States mail addressed as follows:

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

BY:


Vice President and Director
Oyster Creek

DATED: July 19, 1984



GPU Nuclear

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

July 19, 1984

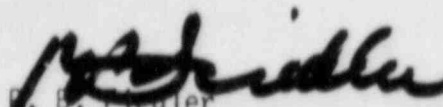
Mayor of Lacey Township
818 W. Lacey Road
Forked River, N.J. 08731

Dear Mayor:

Enclosed herewith is one copy of Technical Specification Change Request No. 112 for the Oyster Creek Nuclear Generating Station Technical Specifications.

These documents were filed with the U.S. Nuclear Regulatory Commission on

Very truly yours,


R. B. Healer
Vice President and Director
Oyster Creek

1r/0258e

Enclosure

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

Applicant hereby requests the commission to change Appendix A of the above captioned license as follows:

1. Sections to be changed:

- a. Section 3.5
- b. Section 3.5 Bases
- c. Section 4.5 Bases

2. Extent of changes:

- a. Section 3.5 Containment
Specification 3.5.A.6 for primary containment atmosphere is being revised to reflect an oxygen concentration of less than 5% within 24 hours and less than 4% within 48 hours after the reactor mode switch is placed in the run mode.
- b. Section 3.5 Bases
The bases are being revised to reflect the 48 hour overall inerting time interval and the origin of the 4% O₂ limit. The appropriate reference has been added.
- c. Section 4.5 Bases

These bases are being revised to correct a typographical error.

3. Change requested:

The requested change is on the attached revised Technical Specification pages 3.5-3, 3.5-5, 3.5-6, 3.5-7 and 4.5-10.

4. Discussion:

Specification 3.5.A.6 cites the requirements for the oxygen concentration limits for the primary containment atmosphere. The purpose of this Technical Specification change request is to reduce the limit for oxygen concentration in the primary containment atmosphere from less than 5% O₂ to less than 4% O₂ and to increase the overall inerting time interval from 24 hours to 48 hours.

This change request results from an analysis performed by General Electric on the Generation and Mitigation of Combustible Gas Mixtures in Inerted BWR Mark I Containments. This analysis, General Electric NEDO 22155 June 1982, was prepared for the BWR Owner's Group in response to 10CFR50.44, the final Interim Requirements Related to Hydrogen Control which was published in the Federal Register on December 2, 1981.

OYSTER CREEK NUCLEAR GENERATING STATION
PROVISIONAL OPERATING LICENSE NO. DPR-16
DOCKET NO. 50-219
TECHNICAL SPECIFICATION CHANGE REQUEST NO. 112

Pursuant to 10CFR50.91, an analysis concerning significant hazards considerations is provided below:

1. Section to be changed:

3.5, 3.5 Bases and 4.5 Bases

2. Extent of change:

a. Section 3.5 Containmentment

Specification 3.5.A.6 for primary containment atmosphere is being revised to reflect an oxygen concentration of less than 5% within 24 hours and less than 4% within 48 hours after the reactor mode switch is placed in the run mode.

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The bases are being revised to reflect the 48 hour overall inerting time interval and the origin of the 4% O₂ limit. The appropriate reference has been added.

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These bases are being revised to correct a typographical error.

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5. Determination:

We have determined that this proposed amendment involves a change that constitutes an additional limitation, restriction, or control not presently included in the technical specifications. Specifically, this requested change will revise the oxygen concentration in the primary containment atmosphere from the present limit of less than 5% O₂ to a more stringent limit of less than 4% O₂.

Based on the above, operation of the Oyster Creek Nuclear Generating Station in accordance with Technical Specification Change Request No. 112 would not:

1. Involve a significant increase in the probability or consequence of an accident previously evaluated; or
2. Create the possibility of a new or different kind of accident from any accident previously evaluated; or
3. Involve a significant reduction in a margin of safety.