



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

May 28, 1985

Docket No. 50-219
LS05-85-05-031

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: SAFETY EVALUATION FOR FINAL RESOLUTION OF ENVIRONMENTAL
QUALIFICATION OF ELECTRIC EQUIPMENT IMPORTANT TO SAFETY

Re: Oyster Creek Nuclear Generating Station

The enclosed Safety Evaluation (SE) addresses (1) the environmental qualification of electric equipment important to safety for compliance with the requirements of 10 CFR 50.49; (2) the licensee's proposed resolutions for the deficiencies identified in the staff's SE dated November 30, 1982, and the July 9, 1982 Franklin Research Center (FRC) Technical Evaluation Report (TER) enclosed with it; and (3) the justifications for continued operation of Oyster Creek until final environmental qualification is completed.

On December 7, 1983 a meeting was held with GPU Nuclear (the licensee) to discuss the licensee's proposed method of resolution for each of the environmental qualification deficiencies identified in the SE dated November 30, 1982. Discussions also included the licensee's general methodology for compliance with 10 CFR 50.49, "Environmental Qualification of Electric Equipment Important to Safety for Nuclear Power Plants," which became effective February 22, 1983, and the justifications for continued operation (JCO) for those equipment items for which environmental qualification was not yet completed. As a result of this meeting an audit of Oyster Creek Environmental Qualification files was performed on February 5 and 6, 1985. The licensee provided submittals, by letters dated December 21, 1984, February 22, and March 15, 1985 addressing the above subjects and documenting the discussions held at the meeting of December 7, 1983.

Based on discussions during the meeting, the audit and a review of the licensee's December 21, 1984 and February 22, and March 15, 1985 submittals, we have concluded that the Oyster Creek Equipment Qualification Program is in compliance with the requirements of 10 CFR 50.49, that the proposed resolution for each of the environmental qualification deficiencies identified for Oyster Creek is acceptable and that continued operation of Oyster Creek until final environmental qualification is completed will not present undue risk to the public health and safety. We approved the licensee's proposed harsh environment following a Main Steam Line Break in the staff's Safety Evaluation dated June 10, 1981.

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Mr. P. B. Fiedler

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By letters dated February 22 and March 15, 1985, the licensee requested an extension to the March 31, 1985, deadline in 10 CFR Part 50.49(g) for final environmental qualification of electrical equipment important to safety. The licensee requested an extension to November 30, 1985, for the final qualification of equipment which were not completed by the March 31, 1985, deadline. This extension was granted in the Commission's letter dated March 30, 1985.

Sincerely,

Original signed by:

John A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
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Mr. P. B. Fiedler
Oyster Creek Nuclear Generating Station

Oyster Creek Nuclear Generating Station

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