



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

October 6, 1986

Docket No.: 50-219

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: MODIFICATION OF COMMISSION'S ORDER DATED JUNE 12, 1984 CONFIRMING  
LICENSEE COMMITMENTS ON EMERGENCY RESPONSE CAPABILITY SCHEDULES (TAC 61657)

Re: Oyster Creek Nuclear Generating Station

By letter dated July 26, 1985, and supplemented by letters dated May 22 and July 23, 1986, you requested that we extend the completion date for Item 1.b, safety parameter display system (SPDS) being fully operational and operators trained, contained in the Commission Order dated June 12, 1984. This completion date is the restart from the Cycle 11 Refueling (Cycle 11R) outage which is the current outage the station is in and is scheduled to end on October 12, 1986. The June 12, 1984 Order is related to the completion of requirements contained in Supplement 1 to NUREG-0737, dated December 17, 1982. It allows an extension of time to be granted by the Director, Division of BWR Licensing, for good cause shown. This deferment is discussed in more detail in the staff's letter of October 6, 1986, which was in response to all the deferment requests you made in your letter of July 26, 1985.

In your letters, you requested the deferment of SPDS implementation at Oyster Creek from the restart from the Cycle 11R outage to December 31, 1987. You explained that the development and operation of the SPDS system requires a new plant computer system and that the delivery of the computer, peripherals, and software associated with the new system has been significantly delayed by software development delays at the system vendor. You stated that reasonable means to encourage and track the vendor's activities have been used. Incentives and penalties have been invoked and, until recently, a GPU Nuclear (licensee) employee has been performing on-site project monitoring at the vendor site. At this time, monthly project meetings and milestone witness tests are serving as the project control and tracking mechanism.

You further explained that the new computer system is not expected to be at the site until September 1986. Installation of the system and acceptance testing is not expected to be completed until November 1986. This is, at least, one month after the restart from the current Cycle 11R outage. After acceptance testing, you stated that the analog loops and digital signals from the plant to the computer system must be tested and then tied into the computer. Also,

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because the software from the vendor is generic software and is not specific to Oyster Creek, the licensee must develop the plant-specific software, including the plant-specific displays, for the Oyster Creek SPDS. You stated that the development time to write the plant-specific Oyster Creek SPDS software, allowing for other software difficulty problems delaying the completion, is about 13 months. Therefore, you stated that a completion date for the SPDS to be fully operational and operators trained is December 31, 1987.

A compensation for the delay in getting the SPDS operational is the existing plant computer system, which has a readout in the control room and provides data on critical plant variables to the control room operators. Although it does not have data on all the plant variables which are in the Oyster Creek SPDS, it is a limited SPDS available for the Oyster Creek operators.

Based on your letters of July 26, 1985, and May 22 and July 23, 1986, we conclude that the time extension is reasonable when considering the remaining work involved and that you have shown a good faith effort to meet the agreed upon schedule in the Order for item 1.b. Therefore, in accordance with the terms of the June 12, 1984 Commission Order, we conclude that GPU Nuclear has shown good cause for the requested extension and hereby grant the extension of the completion date for Item 1.b to December 31, 1987.

Sincerely,

Original signed by:

Robert M. Bernero, Director  
Division of BWR Licensing  
Office of Nuclear Reactor Regulation

cc: See next page

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Mr. P. B. Fiedler  
Oyster Creek Nuclear Generating Station

Oyster Creek Nuclear  
Generating Station

cc:

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