GPU Nuclear

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

September 10, 1992
C321-92-2252

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

Gentlemen

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Special Report No. 92-05

Enclosed is Special Report No. 92-05 which is submitted in accordance with technical specification 3.12.C.3.

If there are any questions, please call Mr. Michael Heller, Licensing Engineer, at (609) 971-4680.

Sincerely,

J.D. Barton
Vice President and Director
Oyster Creek

Enclosure
cc: NRC Region 1 Administrator
NRC Resident Inspector
Oyster Creek NRC Project Manager

IE22 1/1

Oyster Creek Nuclear Generating Station
Special Report 92-05

Report Date: September 10, 1992

Occurrence Date: July 27, 1992

Identification of Occurrence:

Condenser bay sprinkler system #2 was out of service for more than 14 days which requires a special report per technical specification 3.12.C.3.

Description of Occurrence:

On July 27, 1992, condenser bay sprinkler system #2 was removed from service after the spurious actuation of a sprinkler head located between the "A" and "B" condensers. The repair of the sprinkler head was delayed due to its remote location and the radiation levels in the area. To erect scaffolding to be able to work on the failed detector was deemed inconsistent with the ALARA principle. Therefore, a special tool was designed and fabricated by the Maintenance Department to enable maintenance technicians to replace the failed detector remotely. The 165° F rated solder type head was replaced with a 212° F rated solder type head on August 13, 1992. When returning the system to service, a second sprinkler head activated in another area. This second head was also replaced with a 212° F rated solder type head and the sprinkler system was returned to service on August 14, 1992. An hourly fire watch was in place while the system was out of service in accordance with the technical specifications, and the system was capable of being valved back into service in the event of a fire in the area.

Due to the environment that exists in the condenser bay, which gradually weakens the solder type sprinkler heads causing inadvertent actuation, 200° F rated quartz glass bulb type sprinkler heads are being considered for future head replacements.