

Date: June 2, 1994

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PN1-9435

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:
Shoreham Nuclear Power Station
Wading River, (Long Island) New York

Licensee Emergency Classification:
 Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

Docket No.: 50-322
License No.: NPF-82 (Possession Only)
Event No.: N/A
Event Location Code: POW

SUBJECT: SHOREHAM ACTIVITIES WITH POTENTIAL MEDIA INTEREST

The licensee is planning to make the last of 33 shipments of slightly irradiated reactor fuel on the morning of June 3, 1994, to PECO Energy Company's Limerick Nuclear Generating Station. With this shipment all reactor fuel will be removed from the station. The licensee plans to hold a press conference that morning and will invite various news organizations to witness the final shipment. The licensee's Chairmen, Richard Kessel, will address the news organizations. As with previous shipments, Region I staff will monitor the shipment activities. The shipment will be inspected by Region I staff on the evening of June 2, 1994.

The next step in the decommissioning process is to start recirculation of the fuel storage pool water in preparation for its release in "batches". A detailed inspection of the licensee's plans, procedures, and program for release of the water was conducted by NRC Region I on May 24-26, 1994. NRC Region I staff collected samples of the water for detailed analysis by the Department of Energy's Radiological Environmental Sciences Laboratory (RESL), Idaho Falls, Idaho. No significant radioactivity was identified. Region I staff also independently projected off-site dose calculations using the analysis data and determined that minimal exposure would result from the release (well within Technical Specification Limits). Region I will be on-site on June 5 to monitor initial release. After the required recirculation (54 hours), the first "batch" of water (about 288,000 gallons) will be discharged, starting at about 11:00 p.m. on Sunday June 5, 1994, and ending on June 10, 1994.

After release of the initial batch, the licensee will remove, decontaminate and dispose of the fuel racks. These will be sent directly to Scientific Ecology Group, Inc. (SEG), Oak Ridge, TN for smelting. The racks will be bagged and put in Sea Vans for shipment. After removal of the racks, the upper pool walls will be decontaminated, as well as some remaining fuel pool cooling/clean-up piping.

Subsequent to removal of the racks and partial pool decontamination, the second batch release (27,000 gallons) from the pool will be made about June 24, 1994. This water will also be sampled and independently analyzed by Region I.

The third small batch release will occur after the pool floor is decontaminated. It will occur about June 27-29, 1994. As with other batch releases, this batch also will be sampled and analyzed by Region I.

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PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNI-9435

The licensee's plan is to have all radioactive waste removed and disposed of by June 30, 1994, when the Barnwell low level waste, South Carolina disposal site is scheduled to close. However, it appears that a small quantity of waste will remain after that date. The licensee is reviewing its options for removal of the remaining radioactive waste from the Shoreham site.

This information is current as of 9:00 a.m. on June 2, 1994. The States of New York, Delaware, New Jersey and the Commonwealth of Pennsylvania have been notified.

Region I Public Affairs is prepared to respond to media inquiries.

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(Reactor Licensees)

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