



Carolina Power & Light Company

June 1, 1979

FILE: NG-3513 (B)

SERIAL: GD-79-1392

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, GA 30303

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 & 2
LICENSE NOS. DPR-71 AND DPR-62
DOCKET NOS. 50-325 AND 50-324

14-DAY RADIOLOGICAL ENVIRONMENTAL EVENT REPORT - SUPPLEMENT

Dear Mr. O'Reilly:

Due to an inadvertent typographical error, a portion of our previous submittal of this event report, May 16, 1979, was omitted. The following is a resubmittal of this report in its entirety.

A shipment of radioactive waste left the Brunswick site by sole use vehicle on May 3, 1979, with radiation levels up to 20 mr/hr at two meters (6 feet). This condition violates 49 CFR 173.393 (j) (3), which states that the six-foot reading will not exceed 10 mr/hr. This report is submitted in accordance with Environmental Technical Specification 5.4.2b.

Event Description:

A shipment of 15 spent resin drums was loaded into a Chem-Nuclear cask (#15-160) behind the Radwaste Building on the afternoon of May 3, 1979. The loading was completed at approximately 2000 hours. A survey was made on the outer surface of the cask prior to movement. Radiation levels on contact with the cask were less than 200mr/hr. The truck carrying the cask was then moved outside the plant restricted areas boundary to await a final radiation survey and completion of shipment loading.

Normally, the shipment documentation (resin batch number, drum activity, dose rate measurements, etc.) is initiated at the Radwaste loading dock. The documentation is returned to the Health Physics office for review by a second Health Physics technician following the loading; the truck is then placarded and moved outside the restricted areas boundary for a final radiation survey. A technician is dispatched from the Health Physics office to perform this survey. Upon completion of the survey, the documentation is reviewed and completed, usually in the Health Physics office, immediately prior to the shipment leaving the plant site.

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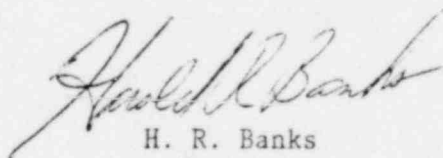
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In this incident, loading and survey proceeded normally until the time of the initial documentation review. The documentation was reviewed and signed in the Health Physics office, then carried out with the Health Physics technician to perform the final survey. The technician recorded his measurements on the shipping document and released the paperwork to the truck driver. The final review was not conducted. The truck left the site at approximately 2100 hours on May 3, 1979, and traveled during the night hours. It arrived at the Barnwell facility on the morning of May 4, 1979. At 0800 hours, the Health Physics foreman realized that a regulatory violation may have occurred. A Chem-Nuclear representative at Barnwell was contacted to verify the validity of the survey results. At 1150 hours, the violation was confirmed by Chem-Nuclear. The South Carolina resident inspector for the Barnwell site was informed of the violation by Chem-Nuclear.

Corrective Actions:

1. This incident will be reviewed with the Health Physics technicians involved and with the other RC&T technicians.
2. The Health Physics radwaste shipment procedures will be revised with special highlighting of regulatory limits.
3. An RC&T Foreman review will be required prior to future shipment releases.

Yours very truly,



H. R. Banks
Manager
Nuclear Generation

DCS:jmb*

cc: Mr. Harold R. Denton

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