

Jersey Central Power & Light Company

MADISON AVENUE AT PUNCH BOWL ROAD • MORRISTOWN, N. J. 07960 • 539-6111

July 11, 1972

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Giambusso:

Subject: Docket No. 50-219
Oyster Creek Station
Outside Radwaste Tank Activity

The purpose of this letter is to report an incident that occurred at Oyster Creek in which the outside radwaste tank activity exceeded the total activity limit of 10 curies as set forth in Technical Specification 3.6.C.

Routine analysis of the radwaste outside tank activity, as required by Paragraph 4.6.D of the Technical Specifications, was made during the 8-4 shift on June 28, 1972. As confirmed by final analysis, which was completed at 9:30 p.m., a total of 12.78 curies were present at the time of sampling. 10.48 curies were contributed by the contents of floor drain sample tank A.

The source of this high activity water was traced to the overflow of waste neutralizer tanks A and B during regeneration of 1-7 condensate demineralizer. Tank space in the waste neutralizer tanks had been minimal when completion of 1-7 condensate demineralizer resin regeneration became necessary due to high differential pressure developing across the condensate demineralizers. In attempting to continue the regeneration, both waste neutralizing tanks overflowed to 1-9 floor drain sump in radwaste. The concentration of activity in this water was quite high as a result of it being regenerate water from the 1-7 condensate demineralizer. Floor drain sump 1-9 pumps directly to the floor drain collector tank from where the water was processed through the floor drain filter and into floor drain sample tank A.

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Floor drain sample tank A was routinely cycled into the waste neutralizer tanks as space became available during the 8-4 shift on June 28, 1972. Back calculations indicate that the activity in the outside tanks was less than 10 curies by 3:00 p.m. and in fact, was 1.54 curies by 3:30 p.m. When calculations of the outside tank activity were completed late in the evening, the water remaining in floor drain sample tank A was transferred to the waste neutralizer tanks inside the radwaste facility.

In order to prevent a recurrence of this event, the condensate demineralizer regeneration procedure is being modified to require a positive verification that adequate radwaste tank capacity exists prior to starting a regeneration.

We are enclosing twenty-five copies of this report.

Very truly yours,



Ivan R. Finfrock, Jr.
Manager, Nuclear Generating Stations

IRF/pk

Enclosures

cc: Mr. J. P. O'Reilly, Director
Regulatory Operations, Region I