



Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

October 6, 1982

Mr. R. C. Haynes  
Regional Administrator  
USNRC  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

LICENSE NO. DPR-70  
DOCKET NO. 50-272  
REPORTABLE OCCURRENCE 82-050/04L

This letter is to correct errors in previously submitted Licensee Event Report 82-050/04L. The corrected report is attached.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "H. J. Midura".

H. J. Midura  
General Manager -  
Salem Operations

RF:ks

CC: Distribution

8210290310 821006  
PDR ADDCK 05000272  
S PDR

Report Number: 82-050/04L  
Report Date: 08-06-82  
Occurrence Date: 07-10-82  
Facility: Salem Generating Station, Unit 1 & 2  
Public Service Electric & Gas Company  
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

On July 10, 1982, an Atlantic loggerhead turtle (Caretta caretta) impinged on the Circulating Water System (CWS) intake trash bars. The loggerhead turtle is federally listed as a threatened species.

This report was initiated by Incident Report 82-197.

CONDITIONS PRIOR TO OCCURRENCE:

Unit 1 - Mode 1 - Rx Power 100% - Unit Load 1100 MWe.  
Unit 2 - Mode 1 - Rx Power 82% - Unit Load 890 MWe.

Nine to twelve circulating water pumps were in operation during this period.

DESCRIPTION OF OCCURRENCE:

On July 10, 1982, Ichthyological Associates, Inc. (IA) personnel were informed by plant operators that several hours before a "large turtle" had been removed from the trash bars and dumped into the trash basket. The turtle was dead when collected from the trash bars. The IA field crew searched through the trash, but were not able to locate the turtle.

At approximately 0830 July 13, 1982, a Senior IA Biologist was informed by another plant operator that a "large sea turtle" had been collected over the weekend. The biologist searched a large dumpster and successfully located the turtle. The specimen was identified as an Atlantic loggerhead turtle and was in an advanced state of decomposition; the cause of death could not be determined. The carapace length was 290mm and width was 280mm. Plastron length was 285mm and the width was 180mm. The specimen weighed 3.6kg. Mr. R. Schoelkopf, of the Marine Mammal Stranding Center, was notified, and he indicated that he was not interested in the specimen due to its poor condition. He advised disposal of the specimen. It was subsequently marked and returned to the river.

DESCRIPTION OF OCCURRENCE: (continued)

During July 13-15, 1982, the following agencies were notified of the event: National Marine Fisheries Service (D. Beach), Delaware River Basin Commission (R. Albert and K. Heying), New Jersey Department of Environmental Protection (R. Califano), U.S. Nuclear Regulatory Commission (M. Masnick), Delaware Department of Natural Resources (R. Miller), and U.S. Environmental Protection Agency (E. Santoro).

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The Salem CWS circulates a total of 2.2 million gallons of river water per minute. Large amounts of debris are drawn into the plant annually. Any dead or badly damaged turtle near the CWS intake could also be easily pulled onto the trash bars. Healthy turtles, however, should be able to actively avoid the approach velocities to the CWS intake.

Past experience has indicated that sea turtles are a summer migrant common to Delaware Bay. Between 1979 and 1981, at least 20 sea turtles, of which 13 were Atlantic loggerhead turtles, were reported collected in Delaware Bay. Of the loggerheads collected, 61.5% were dead prior to collection.

ANALYSIS OF OCCURRENCE:

As noted, the turtle was likely dead or weakened before impingement on the trash bars, and the specimen was returned to the river. No significant disturbance of the ecosystem occurred, and the event does not involve any adverse impact on the environment.

Salem Unit 1 Environmental Technical Specifications, Section 5.6.2.1 "Nonroutine Environmental Operating Reports" requires that "a report be submitted in the event that...an unusual or important event occurs that...has high public or potential public interest concerning environmental impact from plant operation." The Company feels that, based on past experience, this event requires reporting under this specification.

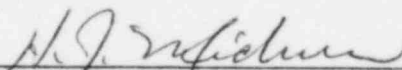
CORRECTIVE ACTION:

In view of the nature of the event, no corrective action was necessary.

FAILURE DATA:

Not Applicable

Prepared By     R. Frahm    

  
\_\_\_\_\_  
General Manager -  
Salem Operations

SORC Meeting No.     82-74