

December 1, 1988

Docket Nos. 50-272/311

FACILITY: Salem Generating Station
 LICENSEE: Public Service Electric and Gas Company
 SUBJECT: MEETING TO DISCUSS BIOLOGICAL ASSESSMENT OF SEA TURTLES
 OCCURRENCES AT SALEM GENERATING STATION

On November 22, 1988 a meeting between the NRC staff and PSE&G was held in Rockville, MD to discuss the preparation of a biological assessment of sea turtle occurrences at Salem Generating Station. A copy of the agenda is attached.

The NRC staff concluded that the following items should be considered, in addition to those in the outline (copy attached):

1. Operational aspects of the plants to minimize sea turtle occurrences
2. Trash bar cleaning process
3. PSE&G may want to cover all sea turtle species
4. Cumulative effects of actions/activities

The estimated time for preparation of the biological assessment was stated by PSE&G to be 3 to 4 months. However, before PSE&G can start approval from NRC is required.

The following were in attendance at the meeting:

NRC

J.C. Stone, NRR
 E.L. Chan, OGC
 M.T. Masnik, NRR

PSE&G

J. Balletto
 J. Eggers

James C. Stone

James C. Stone, Project Manager
 Project Directorate I-2
 Division of Reactor Projects I/II
 Office of Nuclear Reactor Regulation

Enclosure:
 As stated

cc: Licensee/Applicant Service List

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[SALEM MTG SUM]

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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A handwritten signature in cursive script that reads "James C. Stone".

James C. Stone, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc: Licensee/Applicant Service List

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AGENDA

REINITIATION OF SECTION 7 CONSULTATION ON SEA TURTLES
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
SALEM GENERATING STATION
MEETING WITH NUCLEAR REGULATORY COMMISSION ON NOVEMBER 22, 1988

- I. INTRODUCTION
 - A. Purpose of meeting
 - B. Historical background
 - C. Overview of Salem Generating Station
- II. SITE SPECIFIC/REGIONAL SEA TURTLE DATA
 - A. Protected species
 - B. Salem Generating Station data
 - C. Regional data
- III. FORMAL SECTION 7 CONSULTATION PROCESS
- IV. OUTLINE
- V. DISCUSSION

TENTATIVE OUTLINE FOR "BIOLOGICAL ASSESSMENT" OF SEA TURTLE
OCCURRENCES AND OPERATIONAL IMPACTS AT
PUBLIC SERVICE ELECTRIC AND GAS COMPANY'S,
SALEM GENERATING STATION

1.0 SUMMARY AND CONCLUSIONS

2.0 INTRODUCTION

- 2.1 Regulatory Framework
- 2.2 Historical Background

3.0 SITE DESCRIPTION

- 3.1 Location
- 3.2 Hydrology
- 3.3 Salinity
- 3.4 Temperature
- 3.5 Bathymetry

4.0 SALEM AND HOPE CREEK GENERATING STATION DESCRIPTIONS

- 4.1 Salem Generating Station
 - 4.1.1 Intake System
 - 4.1.1.1 Circulating Water System
 - 4.1.1.2 Service Water System
 - 4.1.2 Discharge System
- 4.2 Hope Creek Generating Station
 - 4.2.1 Intake System
 - 4.2.1.1 Circulating Water System
 - 4.2.1.2 Service Water System
 - 4.2.2 Discharge System

5.0 SPECIES

- 5.1 General Sea Turtle Information
- 5.2 Loggerhead (Caretta caretta)
 - 5.2.1 Description
 - 5.2.2 Distribution
 - 5.2.3 Foraging and Food Habits
 - 5.2.4 Reproduction
 - 5.2.5 Population Estimates
- 5.3 Kemp's Ridley (Lepidochelys kemp)
 - 5.3.1 Description
 - 5.3.2 Distribution
 - 5.3.3 Diet
 - 5.3.4 Foraging and Food Habits
 - 5.3.5 Population Estimates
- 5.4 Sea Turtles in the Delaware River Estuary

6.0 ONSITE INFORMATION

7.0 ASSESSMENT OF POTENTIAL OPERATIONAL IMPACTS

- 7.1 Entrapment on Trash Racks
- 7.2 Thermal Effects
- 7.3 Other

8.0 CONCLUSIONS

9.0 LITERATURE CITED