

DETAILS

1. Persons Contacted

E. W. Barradale, Project Construction Manager - SPD, PSE&G
E. H. Meyer, Project QA Engineer, PSE&G
*R. T. Griffith, Senior Staff Engineer, PSE&G
*D. E. Cooley, Principal Staff Engineer, PSE&G
D. L. McLaughlin, Senior Construction Engineer, PSE&G
P. J. Callahan, Jr., Lead Construction Engineer, PSE&G

*denotes those present at the exit interview.

2. Preoperational Environmental Monitoring Programs

a. Radiological Monitoring

The inspector discussed with the licensee the preoperational environmental radiation monitoring program performed for SNGS-2. This program is described in the SNGS Final Safety Analysis Report (FSAR) and its amendments. Amendment No. 42 to the FSAR established the preoperational environmental monitoring program for SNGS-2 to be essentially the same as that described in the SNGS-1 Environmental Technical Specifications. The inspector determined that the preoperational environmental radiation monitoring program was continuously conducted since 1973 and the licensee stated that all the collected data through 1978 will be used as the preoperational baseline data for SNGS-2.

b. Biological/Ecological Monitoring

The inspector discussed with the licensee the preoperational biological/ecological monitoring program performed for SNGS-2. This program is described in Section 2.11 of the FSAR and the SNGS Appendix B, ETS. The licensee stated that the preoperational biological/ecological monitoring study for SNGS-2 was conducted as required. The inspector verified through licensee's record and reports review that the biological/ecological studies were performed as required.

3. Operational Environmental Monitoring Programs

a. Radiological Monitoring

The inspector examined the licensee's preparedness status with regard to the implementation of the required environmental radiation monitoring program (ETS, Section 3.2). The licensee stated that preparations for implementing the required radiological monitoring

8001310 126

program for SNGS-2 would be minimal since the necessary program elements, including administrative controls and other technical aspects of environmental media sampling, analyses and data evaluation, are currently in effect as part of the operational monitoring program at SNGS-1. The inspector reviewed several of the licensee's program procedures for implementing the operational environmental radiological monitoring programs at SNGS-2. The inspector had no further questions in this area at this time.

b. Biological and Ecological Studies

The inspector examined the licensee's preparedness status with regard to the implementation of the required environmental biological and ecological studies (ETS, Section 3.1.2). Amendment No. 19 to the SNGS ETS eliminates most of the biological and ecological study requirements. The licensee stated that preparations for implementing the required biological and ecological studies for SNGS-2 would be minimal since the necessary program elements, including administrative controls and other technical aspects of sample collection, analyses and data evaluation, are currently in effect as part of the operational monitoring program at SNGS-1. The inspector discussed with the licensee several of the licensee's program procedures for implementing the operational environmental biological/ecological studies at SNGS-2.

The inspector discussed with the licensee contingency plans to be implemented in the event of fish impingement and/or entrainment during plant operation. The licensee stated that such plan is still being developed. The inspector discussed with the licensee fish impingement reporting and action levels in light of the fish impingement experience at SNGS-1. The licensee stated that impingement contingency plans, and reporting and action levels would be contained in the "(316)b Demonstration" to be submitted to the Environmental Protection Agency. The inspector had no further questions in this area.

c. Nonradiological Effluents

The inspector noted that condenser local inlet temperature monitors have not been installed at Unit 2. These temperature monitors will become required upon plant operation. The inspector noted that the installation of the local condenser monitors was in progress. The inspector stated that this item will be considered open pending installation of the condenser local temperature monitors (311/79-28-01).

During the site inspections on October 15 and 16, 1979, the inspector observed that the chemical waste basin had been discharged at sometime since the previous inspection. The licensee stated that the EPA and

the New Jersey Department of Environmental Protection approvals were obtained prior to the waste basin discharge. The licensee also stated that the chemical waste basin is now considered Hope Creek Project property and is being used by Hope Creek site. The inspector verified, through review of the licensee correspondence with EPA and the State of New Jersey, that the discharge was made in compliance with existing regulations.

4. Environmental Protection During Construction

Upon arrival at the SNGS-2 site, the inspector toured the area and examined the prevailing environmental conditions at the site and the surrounding environment. The inspector observed the environmental conditions at the Delaware River waterfront, soil and vegetation at the site, solid waste disposal and liquid effluent treatment and discharge.

During the site inspection on October 15, 1979, the inspector found waste concrete which had been poured onto the river bank and extended below the high water level of the Delaware River. This waste concrete is located approximately 0.5 miles from the Unit 1 gate along the River and about 0.1 miles from the Atlantic City Substation. The licensee stated that actions will be taken to assure that no additional concrete will be disposed of near or in the Delaware River. The licensee also stated that removal of the waste concrete already in place would cause additional damage to the shoreline and, therefore, the concrete will not be removed but will be covered with soil and graded to restore the area to its natural condition. The inspector stated that this item will be considered unresolved until that area is restored to its natural condition (311/79-28-02).

The inspector toured the boat launching area on the Delaware River and observed that the area surface was still very rough and unfinished. The licensee stated that the boat launch was for emergency purposes only and was never intended for regular use by the public. The inspector observed that the present condition of the launch could be hazardous if used in an emergency situation due to the elevated piles of concrete remaining at the site. The licensee stated the concrete condition at the boat launch could indeed be hazardous and that the concrete surface would be leveled out by removing the piles of concrete. In addition, the licensee stated that a sign would be posted, marking the area as an emergency boat launch to discourage intrusion into the area and to prevent possible use of the area as a waste disposal area. The licensee also stated that the cable already in place across the entrance to the emergency launch area would be maintained to discourage entrance. The inspector stated that this item will be considered unresolved until the licensee's commitments to complete the launch area are fulfilled (311/79-28-03).

Section III.A.6.C, "Recreational Areas" of the SNGS Environmental Report, Operating License Stage, states, in part that:

"Two recreational areas are planned for public usage and will be located off the site access road. One is a boat launching facility which will be built adjacent to the existing Hope Creek Bridge to enable small boats to be launched into Hope Creek. There will also be sufficient parking area for cars and trailers. Located approximately halfway between the boat launching area and the plant site will be the other recreation area, a public picnic area. The area will be on the banks of the Delaware River and should provide a pleasant setting for picnicking."

The inspector observed that neither the described boat launching facility nor the picnic area has been constructed. The licensee stated that such areas would pose additional security problems if constructed because of their proximity to SNGS, although the described locations are not on PSE&G property. The inspector stated that such an alteration of the commitments made by the licensee in the Environmental Report would have to be discussed by the licensee with NRR. The inspector stated that this item will be considered unresolved pending resolution by NRR and the licensee (311/79-28-04).

The inspector discussed with the licensee the status of site completion and restoration of the site environment to as close to natural condition as possible. The licensee stated that all site roads will be paved, open areas will be covered with stone, grading will be done where needed, all spoils and metal and wood scrap piles will be removed, waste chemicals and oil will be removed from the site, and that these projects and any other work required for final completion of the plant site will be completed by December 31, 1979. This also includes removal of temporary building Nos. 450, 710, 194, 233, 105, 120, 16, 73, and 106. In addition, the licensee stated that the following will be accomplished:

- * Planting of shrubs and sod around the Administrative Building.
- * Temporary building Nos. 906, 907, 908, 350, 530, and 741 and the property they are located upon will be turned over to the Hope Creek site.
- * Trailer complex 101, Nos. 1-7, will be removed from the site by November 30, 1979.
- * Trailer complex 96, Nos. 1-17, will be removed from the site by December 15, 1979.
- * Temporary trailers on site have been sold and will be removed from the site "within the next few weeks."

- * All areas to be turned over to the Hope Creek site will be cleaned before transfer.

The inspector noted that site grading and road construction was in progress during the inspection. The inspector stated that these areas will be re-inspected at a future date and are considered unresolved until that time (311/79-28-05).

5. Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain whether they are acceptable items, items of noncompliance, or deviations. Four unresolved items were disclosed during this inspection. They are discussed in Paragraph 4.

6. Exit Interview

On October 18, 1979, at the conclusion of the inspection, the inspector met with licensee representatives denoted in Paragraph 1. The scope and findings of this inspection were discussed.