



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Hope Creek Generating Station

August 19, 1994

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Dear Sir:

Hope Creek Generating Station  
Docket No. 50-354  
Unit No. 1  
Special Report 94-02

This Special Report is being submitted pursuant to the requirements of Hope Creek Technical Specification 3.3.7.5 - action 81, due to the South Plant Vent Radiation Monitor being inoperable for more than 72 hours.

On 8/12/94, a Radiation Protection department supervisor performing a review of a radiation monitoring system (RMS) mismatch report noticed that the South Plant Vent (SPV) mid and high range noble gas detectors were out of service. The supervisor initiated corrective actions to place the detectors in service and initiated a root cause investigation into the event. The cause of the monitors coming out of service has not been determined and is currently being investigated. The skid had been taken out of service, on 8/3/94, to perform a weekly grab sample and may not have been properly restored. On 8/4/94 a technician, performing a daily review of a RMS data base mismatch report, had noticed the out of service condition but had assumed that an unrelated work order for repairs to a separate detector on the skid was tracking and resolving the mid and high range monitors being out of service. Radiation protection technicians continued to identify and track the out of service detectors each day, against the incorrect work order, until the supervisor detected the problem on 8/12/94. Procedural non-compliance was identified as the root cause of the detectors not being returned to service on 8/4/94. Procedural requirements for initial notification of the out of service condition were not performed as specified. A less than adequate procedure was identified as the root cause of the delay in corrective actions not being implemented until 8/12/94. The procedure did not clearly address actions to be taken for a previously identified data mismatch. It should be noted that the daily checks of the (RMS) mismatch report were imposed and performed administratively and the technical specification surveillance requirements for these detectors were met.

The Energy People

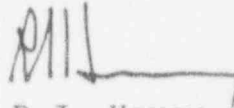
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Corrective actions for this event include counseling for the technicians in regard to procedure compliance. Additionally, the procedure is being revised to review the status report with the nuclear shift supervisor each time a discrepancy is noted to ensure the problem has been identified and corrective actions are being implemented. Additional corrective actions will be implemented as necessary following the completion of the root cause investigation for the skid not being returned to service following sampling.

Sincerely,

A handwritten signature in dark ink, appearing to be 'R.J. Hovey', with a long horizontal line extending to the right.

R.J. Hovey  
General Manager -  
Hope Creek Operations

LLA/

C Distribution