



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

Hope Creek Operations

August 29, 1991

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 91-03-01 (Supplement)

This supplement to Special Report 91-03-00 is being submitted as per our commitment contained in the original report.

On May 22, 1991 at 2117 hrs, during performance of a monthly Surveillance operability run, the "D" Emergency Diesel Generator failed to start when a manual start signal was initiated from the Main Control Room. Initial troubleshooting could not determine the cause for the start failure and a second attempt was made to complete the surveillance. At 2137 hrs. the test was rerun and the D EDG started successfully as required. The monthly surveillance was completed satisfactorily and the EDG was placed in standby.

The probable cause for a failure of this type is a lack of fuel boost when the engine start signal is received. This condition can be attributed to either mechanical failure or mispositioning of the Min/Max Fuel position switch on the governor. A check of the mechanical components associated with the fuel boost system was conducted by System Engineering working in close liaison with Colt Pielstick field service management. No mechanical failures were noted. Operations Department personnel who performed the test have stated that no repositioning of the Min/Max Fuel Boost position switch was made between test runs.

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The Energy People

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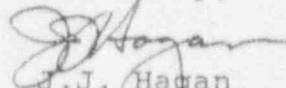
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Since May 22, 1991, the D EDG has been started and run successfully on eleven different occasions with no repeat of the failure. As the conditions which led to the failed start cannot be replicated or precisely identified the cause of the failure is indeterminate.

To further reduce the possibility of a repeat occurrence, Plant Operating Procedures will be modified to verify proper Min/Max Fuel Boost Position Switch prior to each surveillance run.

If you have any further questions please contact Lou Aversa of my staff at (609) 339-3386.

Sincerely,



J.J. Hagan
General Manager -
Hope Creek Operations

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