



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

Hope Creek Operations

April 24, 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 91-02

This Special Report is submitted pursuant to the requirements of Hope Creek Technical Specification 3.3.7.2 due to an inoperable seismic monitoring channel that has existed for more than 30 days.

On 3/21/91, during the performance of a semi-annual functional test of station seismic instrumentation, it was determined that the longitudinal trace of Triaxial Time-History acceloragraph VR-7863 (channel 3) was not functioning properly. Subsequent investigation determined that the cause of this malfunction is a failed sensor associated with the channel. A workorder was initiated to troubleshoot and repair the sensor, however, due to the location of the subject instrumentation (drywell), repairs can not be completed until the next scheduled or forced outage.

The parts necessary to repair the channel have been pre-staged, necessary workorders have been written, and the affected channel will be repaired at the first outage of sufficient duration to permit a drywell entry and subsequent repair.

Should you have any further questions, please contact Mr. Rick Cowles of my staff, at (609)339-3431.

Sincerely,

J.J. Hagan
General Manager -
Hope Creek Operations

RC/dwf

C Distribution

9104300110 910424
PDR ADDCK 05000354
S PDR

The Energy People

280078