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REGION I

Mr. Samuel Collins, Regional Administrator
United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

**COMPLETION OF CONFIRMATORY ACTION LETTER COMMITMENTS
HOPE CREEK GENERATING STATION
FACILITY OPERATING LICENSE NO. NPF-57
DOCKET NO. 50-354**

- References:
- 1) PSEG letter LR-N05-0017 from C. Bakken to S. Collins, dated January 9, 2005
 - 2) NRC Confirmatory Action Letter (CAL) (1-05-001), dated January 11, 2005
 - 3) PSEG letter LR-N06-0053 from G. Barnes to S. Collins, dated March 20, 2006

Dear Mr. Collins:

The purpose of this letter is to confirm completion of the actions specified in Confirmatory Action Letter (CAL) 1-05-001.

As a result of the identification of elevated vibration levels on the Hope Creek Generating Station "B" reactor recirculation pump, the Nuclear Regulatory Commission (NRC) issued PSEG Nuclear CAL 1-05-001 on January 11, 2005. The CAL documented the commitments made by PSEG regarding the pump vibration monitoring program and operating procedures for the period of operation prior to pump shaft replacement. The CAL also documented the committed actions scheduled for the next refueling outage (RFO13), which includes pump shaft replacement, pump rotating assembly inspection, and pump pressure boundary component inspections.

The "B" reactor recirculation pump rotating assembly replacement was completed on April 17, 2006. The pump rotating assembly was replaced with a fourth generation assembly, which is not susceptible to the shaft thermal cracking

phenomenon. The Post Maintenance Testing (PMT) of the new assembly will be completed per the RF013 outage schedule.

The "B" reactor recirculation pump rotating assembly was visually inspected by the vendor (Flowserve) as the assembly was removed from the pump casing. Flowserve personnel inspected the rotating assembly for the following conditions: general conditions of visual portions of the exterior of the pump assembly, general conditions of the visual portions of the impeller, any noticeable dents or scratches, any shining metal indicating possible interaction with the pump wearing ring, and any abnormalities outside of previous reactor recirculation pump experience. The inspection showed no indications of possible interaction between the impeller and casing wear rings. There were no abnormalities noted on the rotating assembly or casing components.

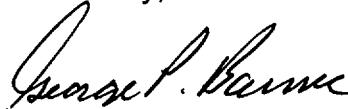
The "B" reactor recirculation pump pressure boundary components were visually inspected during pump replacement. The pressure boundary components were inspected in accordance with ASME Section XI Acceptance Criteria IWB-3519. All components inspected met the acceptance criteria for ASME Section XI and no deficiencies were noted.

The rotating assembly has been placed in its shielded storage container and will remain onsite until shipment for final disposal is completed. Based on the shipping window currently provided by the shipper, the rotating assembly is expected to be shipped offsite on April 19, 2006.

As required by Section 182 of the Atomic Energy Act, 42 U.S.C. 2232, PSEG is hereby informing the NRC in writing that all of the actions addressed in the CAL have been completed. In order to support start-up activities following RFO13, PSEG is respectfully requesting the NRC provide a timely confirmation that the CAL actions have been satisfied pursuant to Section 4.7.7 of the NRC Enforcement Manual.

Should you have any further questions please contact James Barstow at 856-339-1384.

Sincerely,



George P. Barnes
Site Vice President – Hope Creek

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