

Thomas J. Martin  
Vice President  
Engineering and Construction

Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 201/430-8316

September 28, 1984

Dr. Thomas E. Murley, Administrator  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

50-354

Dear Dr. Murley:

SIGNIFICANT CONSTRUCTION DEFICIENCY  
DEFECTS IN LUBE OIL PUMP DISCHARGE NOZZLES  
HOPE CREEK GENERATING STATION

On April 25, 1984, a verbal report was made to Region I, Office of Inspection and Enforcement representative, Mr. E. C. McCabe, advising of a potentially significant construction deficiency regarding cracked bosses on our Diesel Generator lube oil pump discharge nozzles. On May 25, July 18 and August 7, 1984, interim reports were submitted to your office. The following information, in conjunction with our July 18th report, constitutes our final report in accordance with 10CFR50.55(e).

On August 6, 1984, a Colt Industries representative examined the condition of our Diesel Generator lube oil pump discharge nozzles and recommended that the face of the bosses be machined down 0.060 inch to determine the extent of the surface indications. This was done under the supervision of a representative from Colt Industries and resulted in the removal of all surface indications as confirmed by nondestructive examination (dye-penetrant).

Closure of Nonconformance Report No. 3926 is pending receipt and installation of the modified adapters from Colt Industries. This activity is scheduled for completion by October 26, 1984.

Very truly yours,

TJ Martin RRB

8411060099 840928  
PDR ADOCK 05000354  
S PDR

1/0  
1E 27

C Office of Inspection and Enforcement  
Division of Reactor Construction Inspection  
Washington, D. C. 20555

NRC Resident Inspector  
P. O. Box 241  
Hancocks Bridge, NJ 08038

Records Center  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, GA 30339