

50-354

Thomas J. Martin  
Vice President  
Engineering and Construction

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

June 29, 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

Dear Dr. Murley:

POTENTIAL CONSTRUCTION DEFICIENCY  
DIFFERENTIAL PRESSURE SWITCHES  
HOPE CREEK GENERATING STATION

On April 19, 1984, a verbal report was made to Region I, Office of Inspection and Enforcement representative, Mr. J. Linville, advising of a potentially significant construction deficiency concerning differential pressure switches installed on our Emergency Diesel Generators by Colt Industries. An interim report was submitted to your office on May 18, 1984. The following information is provided in accordance with 10CFR50.55(e).

Our Architect/Engineer and Constructor, Bechtel, has coordinated with Colt Industries in evaluating the impact of a failure of the fuel oil differential pressure switches on the safe operation of the plant. It has been determined that the failure of the switch:

- would not prevent engine startup in the standby mode;
- would not cause engine shutdown while operating; and
- would not cause fuel oil to come into contact with surfaces sufficiently hot to ignite and start a fire.

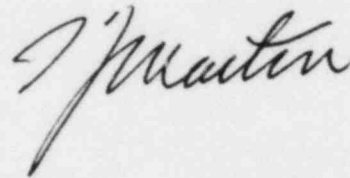
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Based on the above evaluation, we have determined that, had the deficiency gone undetected and uncorrected, it would not have adversely affected safe operation of the plant. We, therefore, withdraw this item as not reportable in accordance with 10CFR50.55(e).

Colt Industries has agreed to provide the materials and procedures necessary to correct this condition on our Diesel Generator sets.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. Manton".

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

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

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