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

August 16, 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  
G. H. BETTIS HVAC DAMPER ACTUATORS  
HOPE CREEK GENERATING STATION

On May 3, 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 concerning four (4) actuators manufactured by G. H. Bettis and installed on HVAC dampers supplied by American Warming and Ventilating, Inc. On June 1, 1984, an interim report was sent to your office. The following information is provided in accordance with 10CFR50.55(e).

Our Architect/Engineer and Constructor, Bechtel, has evaluated the reported condition to determine its potential effect on safe operation of the plant. It was determined that the affected dampers are to be installed in the Reactor Building Filtration, Recirculation and Ventilating System (FRVS) and the Containment Prepurge Clean-up System (CPCS). In operation, the dampers are normally closed and would fail closed. Since the dampers are used only for FRVS testing or drywell purge, they are only operated manually under administrative control. All of the dampers are provided with position switches and pilot lights to indicate the full open or closed position. The plant operator would be alerted to a problem with abnormal damper operating time or failure to achieve full open or closed position by observing the damper position pilot lights.

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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).

Very truly yours,

A handwritten signature in cursive script, appearing to read 'T. E. Murley', is written in black ink.

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

NRC Resident Inspector - Hope Creek  
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Hancocks Bridge, NJ 08038

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