

Thomas J. Martin

Vice President

Engineering and Construction

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

August 15, 1983

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  
HEAT TREATMENT OF STAINLESS STEEL FLANGES  
HOPE CREEK GENERATING STATION

On June 1, 1983, 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 stainless steel flanges manufactured by Tube-Line Corporation that may not have received the requisite heat treatment. On June 30, 1983, an interim report was submitted to your office. The following information is provided in accordance with the requirements of 10CFR50.55(e).

Sample flanges from the suspect heats have been tested for their physical and chemical properties. The test results indicate that safe operation of the plant would not have been adversely affected, had the problem gone undetected. Therefore, this issue is not considered reportable in accordance with 10CFR50.55(e).

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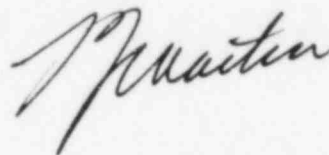
Dr. T. E. Murley

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Copies of the material property test reports are available on site for review by your inspectors.

Very truly yours,

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

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

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