

Public Service
Electric and Gas
Company

Thomas J. Martin
Vice President
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November 2, 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:

SIGNIFICANT CONSTRUCTION DEFICIENCY
BIF BUTTERFLY VALVES
HOPE CREEK GENERATING STATION

On August 31, 1984, a verbal report was made to Region I, Office of Inspection and Enforcement representative, Mr. E. Kelly, advising of a potentially significant construction deficiency concerning butterfly valves supplied by BIF Industries. On September 28, 1984, an interim report was sent to your office. The following interim report is provided in accordance with 10CFR50.55(e).

Our Architect Engineer and Constructor, Bechtel, has reviewed Purchase Order P-305(Q) and identified a total of sixty-nine (69) valves having aluminum bronze discs. Bechtel is utilizing a simple nitric acid test to verify disc pin material. To date, twenty-two (22) valves have been checked. Four (4) thirty-six inch valves have been identified as having disc pins made of incorrect material and eighteen (18) valves of various sizes have pins of the proper composition. Bechtel has replaced the disc pins on the two (2) thirty-six inch valves installed in Unit No. 1 and anticipates completing all such testing by February 15, 1985.

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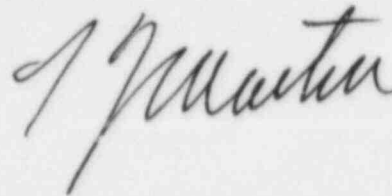
Dr. T. E. Murley

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We anticipate providing you with our final report by March 1, 1985, to include our safety analysis and details concerning our corrective action.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. Murley", is written in dark ink.

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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