

Thomas J. Martin

Vice President

Engineering and Construction

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

February 28, 1983

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Mr. Ronald C. Haynes, Administrator  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

POTENTIAL CONSTRUCTION DEFICIENCY  
WELD DEFECTS IN CLASS IE CABINETS  
HOPE CREEK GENERATING STATION

On January 25, 1983, a verbal report was made to Region I, Office of Inspection and Enforcement representative Mr. L. Tripp, advising of a potentially significant construction deficiency concerning defective spot welds in four class IE termination cabinet assemblies delivered to the Hope Creek jobsite. The following interim report is provided in accordance with the requirements of 10CFR50.55(e).

Description of Deficiency

Bailey Controls Company, the fabricator of the Hope Creek Control Room complex, notified Bechtel Power Corporation, our architect/engineer and constructor, of possible defective spot welds in four class IE cabinet enclosures supplied to Bailey by Systems Control Company.

Corrective Action

The four class IE termination cabinet assemblies were shipped to Bailey Controls Company for rework and subsequently returned to the Hope Creek jobsite on February 8, 1983. Bechtel verified the satisfactory performance of this rework on January 29-30, 1983. Bailey Controls is also reworking eight additional class IE cabinets with similar weld defects that are presently in fabrication.

IE27

Analysis of Safety Implications

The safety analysis of the subject condition will be included in our final report scheduled to be submitted to your office by April 30, 1983.

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