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Thomas J. Martin  
Vice President  
Engineering and Construction

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

June 1, 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  
GENERAL ELECTRIC "HEA" RELAYS  
HOPE CREEK GENERATING STATION

On May 2, 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 regarding thirteen (13) defective HEA relays supplied by General Electric. The following interim report is provided in accordance with 10CFR50.55(e).

General Electric indicated in a service advice letter, that HEA relays manufactured between September, 1980 and August, 1983 may exhibit trip force values which could cause misoperation. This malfunction is related to a minor design change that was implemented during the above time frame.

Our Architect/Engineer and Constructor, Bechtel, advised us that testing of HEA relays in accordance with GE's instructions identified thirteen (13) relays installed in safety related systems that failed to meet the specified trip force values.

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Dr. T. E. Murley

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Bechtel has issued Nonconformance Report No. 3108 to document and control the hardware. Receipt of replacement relays from General Electric is scheduled for August, 1984.

A report conveying the requisite safety analysis is expected to be completed and submitted to your office by September 21, 1984.

Very truly yours,

*T G Martin* *RCB*

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Division of Reactor Construction Inspection  
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