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

1 JUN 1984

Dr. Thomas E. Murley, Administrator  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Dr. Murley:

POTENTIAL CONSTRUCTION DEFICIENCY  
SILICON CONTROLLED RECTIFIERS - EDG  
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 regarding Silicon Controlled Rectifiers (SCR's) that may have been incorrectly installed in our Emergency Diesel Generator Exciters. The following interim report is provided in accordance with 10CFR50.55(e).

The problem concerns four (4) generator potential transformer and exciter control panels. The SCR's may have been damaged as a result of excessive mounting pressure. This potential problem is the subject of a Part 21 Report submitted to Region III by Basler Electric, the manufacturer of the exciters.

Our Architect/Engineer and Constructor, Bechtel, is coordinating with Basler Electric to have the affected equipment inspected and repaired if required. Bechtel has issued Nonconformance Report No. 4009 to document and control the hardware. Inspection activities and any necessary repairs are scheduled for completion by August 24, 1984.

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Dr. T. E. Murley

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A final report is expected to be submitted to your office by September 14, 1984.

Very truly yours,

*TJ Martin*  
*RRB*

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Washington, D. C. 20555

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