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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

October 20, 1982

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

Dear Mr. Haynes:

POTENTIAL CONSTRUCTION DEFICIENCY
GROUT INTRUSION INTO DRYWELL AIRGAP
HOPE CREEK GENERATING STATION

On September 20, 1982, a verbal report was made to Region I, Office of Inspection and Enforcement representative, Mr. W. Lazarus, advising of a potential significant construction deficiency concerning grout seepage into the airgap between the drywell and the shield wall. The following interim report is provided in accordance with the requirements of 10CFR50.55(e).

Subsequent to grout placement 1-CXF-004 around the lower portion of the Reactor #1 drywell, grout and laitance were observed in two locations in the torus area at elevation 54' and at the annulus of three instrumentation penetrations.

Bechtel Power Corporation has taken action to determine the cause of the grout spillage and any detrimental effect that it may have had on the drywell airgap. This action includes:

- Use of Fiberoptics to identify and map intrusions and laitance;
- Removal of grout intrusions at the instrumentation penetrations by hydrolaser; and
- Research into other methods of removing grout, should this be necessary.

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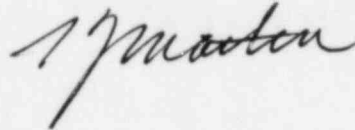
Mr. R. C. Haynes

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The situation is presently under evaluation for corrective action, as required. A final report, to include an analysis of the safety implications and a schedule for completion of corrective actions, is expected to be submitted to your office by December 31, 1982.

Very truly yours,

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

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