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

February 28, 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:

NRC INSPECTION REPORT 50-354/83-18
NO. 1 UNIT
HOPE CREEK GENERATING STATION

Your letter dated January 30, 1984, transmitted the above referenced Inspection Report which contained a Notice of Violation citing one item of noncompliance. The following response is provided in accordance with the Notice of Violation.

As described in the referenced Inspection Report, hanger 1-FC-007-H10(Q) had been fabricated utilizing a fillet weld where design requirements call for a partial penetration weld.

Corrective Steps Taken and Results Achieved

Bechtel Power Corporation, our Architect/Engineer and Constructor, has issued Nonconformance Report No. 2729 to document and control the discrepancy identified on pipe hanger 1-FC-007-H10(Q). In accordance with the disposition on the Nonconformance Report (NCR), this hanger has been reworked to obtain the required depth of weld penetration at the skewed T-joint.

An investigation was performed to determine the cause of this discrepancy. We have determined that the components for hanger 1-FC-007-H10(Q) had been fabricated at the Off-Site Fab Shop prior to December 2, 1982, but had not been reinspected in response

to NRC Inspection Report No. 82-15. The components for this and 498 other hangers had not been reinspected because they were in storage or in transit at the time.

A review of the design drawings for the 498 hangers, and subsequent inspection as applicable, identified seven additional welds with inadequate depth of weld penetration. These seven include the three hangers previously identified to your Resident Inspector. The review also identified seven hangers fabricated at the Off-Site Fab Shop prior to December 2, 1982, which cannot be located either in storage or as installed.

Bechtel has issued NCR No. 3140 to document and control the seven discrepant hangers and the seven missing hangers. In accordance with the disposition to NCR No. 3140, the seven nonconforming hangers will be reworked to obtain the required depth of weld penetration at the skewed T-joints. The disposition also requires that the replacement components for the missing seven hangers be fabricated and identified with new release numbers to preclude inadvertent installation of the original seven. The applicable Quality Control Inspection Records include special instructions to verify that the release numbers differ from those assigned to the missing hangers.

Corrective Steps Taken To Preclude Recurrence

The corrective action previously taken in response to NRC Inspection No. 82-15 remains in effect. In accordance with Quality Control Instruction W-1.00, Special Instruction No. 8, the inspection activity codes have been changed from a surveillance activity to an inspection activity for fit-up of partial penetration hanger welds. This action has been in effect since December 2, 1982.

On November 18, 1983, Quality Control Engineers were reinstructed on the proper inspection methods to measure depth of weld preparation for groove welds and to assure that inspection is performed on all partial and full penetration welds associated with pipe hangers.

Date of Full Compliance

The date of full compliance will be March 12, 1984.

Very truly yours,

J. J. Martin

cc: Office of Inspection and Enforcement
Division of Reactor Construction Inspection
Washington, D. C. 20555

NRC Resident Inspector - Hope Creek
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