



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

NOV 21 1996

LR-N96387

United States Nuclear Regulatory Commission
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Washington, DC 20555

Gentlemen:

**RETRACTION OF A 50.72 FOUR HOUR REPORT
FACILITY OPERATING LICENSE NPF-57
HOPE CREEK GENERATING STATION
DOCKET NO. 50-354**

On October 18, 1996, Public Service Electric and Gas Company (PSE&G) made a four hour report pursuant to the provisions of 10CFR50.72(b)(2)(iii). The report documented a concern about the capability of the Standby Liquid Control (SLC) System to perform its safety function when the system is operated at elevated temperatures during chemical additions. Specifically, net positive suction head (NPSH) calculations at these elevated temperatures were not available to ensure that the NPSH requirements for these pumps were satisfied.

On November 14, 1996, Engineering had completed NPSH analyses for the SLC pumps and concluded that NPSH requirements could be satisfied at the maximum temperature rating of the SLC storage tank heater (150 degrees F). The SLC pump NPSH requirements could be satisfied for all postulated storage tank temperatures (including elevated temperatures during chemical additions). Since the safety function of SLC could be fulfilled, the associated four hour report was retracted on November 15, 1996.

Should you have any questions concerning this submittal, please contact us.

Sincerely,

Mark Bezilla
General Manager -
Hope Creek Operations

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The power is in your hands.

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C Mr. H. Miller, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. D. Jaffe, Licensing Project Manager - Hope Creek
U. S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop 14E21
Rockville, MD 20852

Mr. R. Summers
USNRC Senior Resident Inspector (X24)

Mr. K. Tosch, Manager IV
Bureau of Nuclear Engineering
33 Arctic Parkway
CN 415
Trenton, NJ 08625

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JPP

BC Senior Vice President - Nuclear Operations (X04)
General Manager - Hope Creek Operations (H07)
Director - QA/NSR (X01)
Director - Nuclear Design Engineering and Projects (N25)
Director - Nuclear System Engineering (X07)
Operations Manager - Hope Creek (H01)
Manager - Nuclear Safety Review (N38)
Manager - Hope Creek System Engineering (H18)
Manager - Hope Creek Engineering Design (N51)
Manager - Nuclear Business & Co-Owner Affairs (N28)
Onsite Safety Review Engineer - Hope Creek (H11)
Station Licensing Engineer - Hope Creek (X09)
General Solicitor, R. E. Selover (Newark, 5G)
Perry Robinson, Esq.
Records Management (N21)
Microfilm Copy
File Nos. 1.2.1, 1.2.2