

APPENDIX A

NOTICE OF VIOLATION

Public Service Electric and Gas Company
Hope Creek Generating Station

Docket No. 50-354
License No. CPPR-120

As a result of the inspection conducted on August 12 - September 23, 1985, and in accordance with NRC Enforcement Policy (10 CFR 2, Appendix C), the following violation was identified:

10 CFR 50 Appendix B, Criterion III, states in part that measures shall be established to assure that the design bases are correctly translated into specifications and drawings, and that design control measures provide for verifying or checking the adequacy of design.

Bechtel Power Corporation Nuclear Quality Assurance Manual Section II, Number 6, Rev. 4, Design Verification, further states that design output documents for items on the Project Q-List shall be controlled to verify technical adequacy and conformance with the design criteria.

Contrary to the above as of July 7, 1985, design of Class 1E 480 VAC Unit Substation (USS) Main Control Room annunciator and computer alarm points was not accurately translated into drawings and "as built" installation. Design logic diagram E-3134-0(Q) Revision 7 indicates that on loss of 125 VDC control power to each of the Class 1E 480 VAC USS a common main control room annunciator and specific computer alarm points will be actuated. Electrical Schematic Diagram E-0097-0(Q) Sheet 2, Revision 5, and the as built configuration, show power for the annunciator and computer points supplied by the same 125 VDC source being lost. On loss of 125 VDC control power, power to corresponding annunciator and computer points is also lost so that no alarm is generated.

This is a Severity Level IV Violation.

Pursuant to the provisions of 10 CFR 2.201, Public Service Electric and Gas Company is hereby required to submit to this office within 30 days of the date of the letter which transmitted this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending this response time.

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PDR ADOCK 05000354
Q PDR

Lee Scott Dewey, Esquire
Office of the Executive Legal Director
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Atomic Safety and Licensing Board
Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Atomic Safety and Licensing
Appeal Board Panel
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Richard Fryling, Jr., Esquire
Assistant General Solicitor
Public Service Electric & Gas Co.
80 Park Plaza T5E
Newark, New Jersey 07101

Docketing and Service Section
Office of the Secretary
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. David R. Schink
Administrative Judge
Department of Oceanography
Texas A&M University
College Station, Texas 77840

Marshall E. Miller, Chairman
Administrative Judge
Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Peter A. Morris
Administrative Judge
Atomic Safety and Licensing Board
Panel
Washington, D.C. 20555

Alan S. Rosenthal, Esquire, Chairman
Atomic Safety and Licensing Appeal Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Thomas S. Moore, Esquire
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Reginald L. Gotchy
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Troy B. Conner, Jr., Esquire
Conner and Wetterhahn
1747 Pennsylvania Avenue, N.W.
Suite 1050
Washington, D.C. 20006

Office of the Director
DNREC - Division of Environmental
Control
P. O. Box 1401
89 Kings Highway
Dover, Delaware 19903

Attorney General
Tatnall Building
Dover, Delaware 19901

Office of Legal Counsel
Department of Natural Resources
and Environmental Control
89 Kings Highway
P. O. Box 1401
Dover, Delaware 19903

Richard F. Engle, Deputy Attorney
General
Division of Law
Environmental Protection Section
Richard J. Hughes Justice Complex
CN-112
Trenton, New Jersey 08625

Mr. Ken Koschek
Planning Group
Department of Environmental
Protection
State of New Jersey
CN-402
Trenton, New Jersey 08625

Susan Remis, Esquire
Staff Attorney, Department of the
the Public Advocate
Division of Public Interest Advocacy
CN-850, Justice Complex
Trenton, New Jersey 08625