

JUN 11 1984

DMB 016

Docket Nos. 50-277/278

Mr. Edward G. Bauer, Jr.
Vice President and General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Dear Mr. Bauer:

SUBJECT: PLANT SPECIFIC ANALYSIS TO DETERMINE GAS AND WATER
CLEARING THRUST LOADS ASSOCIATED WITH SECOND SRV
ACTUATIONS IN RELIEF VALVE DISCHARGE LINES

Re: Peach Bottom Atomic Station, Unit Nos. 2 and 3

One of the issues to be resolved related to the Mark I Containment Long Term Program (LTP) was whether following the initial safety relief valve (SRV) actuation, sufficient time for the water leg to stabilize exists prior to a second actuation. To satisfy the acceptance criteria in NUREG-0661 "Mark I Containment Long Term Program" related to water clearing thrust loads in the relief valve discharge lines, associated with second SRV actuations, some licensees have made system logic changes to reduce these loads. The logic changes used include various combinations of lower SRV opening and closing setpoints and lower reactor vessel water level prior to main steam isolation valve (MSIV) closure.

We have recently become aware that at least one licensee has determined that these logic changes to reduce thrust loads, that it had previously intended to make, were no longer needed. A revised analysis performed by General Electric utilizing a methodology not approved in NUREG-0661 provided the basis for the licensee's decision. Since the methodology utilized appears to deviate from the methodology found acceptable by the staff, this letter is being sent to all BWR licensees that have Mark I containments that have not made setpoint logic changes to reduce water clearing thrust loads associated with second SRV actuations.

Within 45 days of receipt of this letter it is requested that you notify us if any analyses were performed utilizing methodology not previously approved in NUREG-0661 in determining if setpoint logic changes were needed to reduce water clearing thrust loads associated with second SRV actuations. In addition identify if any credit for operator action is required to prevent or reduce the thrust loads associated with second actuations of SRVs and if so, the kind of action and how long after event initiation the action is required.

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PDR ADOCK 05000277
P PDR

Mr. Edward G. Bauer, Jr.

- 2 -

This request for information was approved by the Office of Management and Budget under clearance number 3150-0091 which expires October 31, 1985.

Sincerely,

"ORIGINAL SIGNED BY:"

George W. Rivenbark, Acting Chief
Operating Reactors Branch #4
Division of Licensing

cc: See next page

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Philadelphia Electric Company

cc w/enclosure(s):

Eugene J. Bradley
Philadelphia Electric Company
Assistant General Counsel
2301 Market Street
Philadelphia, Pennsylvania 19101

Troy B. Conner, Jr.
1747 Pennsylvania Avenue, N.W.
Washington, D. C. 20006

Thomas A. Deming, Esq.
Assistant Attorney General
Department of Natural Resources
Annapolis, Maryland 21401

Philadelphia Electric Company
ATTN: Mr. R. Fleishmann
Peach Bottom Atomic
Power Station
Delta, Pennsylvania 17314

Albert R. Steel, Chairman
Board of Supervisors
Peach Bottom Township
R. D. #1
Delta, Pennsylvania 17314

Allen R. Blough
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Peach Bottom Atomic Power Station
P. O. Box 399
Delta, Pennsylvania 17314

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

Regional Radiation Representative
EPA Region III
Curtis Building (Sixth Floor)
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

M. J. Cooney, Superintendent
Generation Division - Nuclear
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Mr. R. A. Heiss, Coordinator
Pennsylvania State Clearinghouse
Governor's Office of State Planning
and Development
P. O. Box 1323
Harrisburg, Pennsylvania 17120

Thomas M. Gerusky, Director
Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
P. O. Box 2063
Harrisburg, Pennsylvania 17120