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AUTH.NAME AUTHOR AFFILIATION
KEISER,H.W. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
BUTLER,W.R. Project Directorate I-2

SUBJECT: Forwards suppl response to Bulletin 90-02 re "Loss of Thermal Margin Caused By Channel Box Bow." Per 910307 ltr.

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Harold W. Keiser
Senior Vice President-Nuclear
215/774-4194

APR 08 1991

Director of Nuclear Regulatory Regulation
Attention: Dr. W. R. Butler, Project Director
Project Directorate I-2
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
SUPPLEMENTAL RESPONSE TO BULLETIN 90-02 — Docket Nos. 50-387
PLA-3553 FILE R41-2 — and 50-388

Reference:
1. PLA-3373, H. W. Keiser to W. R. Butler, "NRC Bulletin No. 90-02", dated April 19, 1990.
2. "Safety Evaluation by the Office of Nuclear Reactor Regulation Supporting Amendment No. 102 to Facility Operating License No. NPF-14", dated November 2, 1990.
3. PLA-3533, H. W. Keiser to W. R. Butler, "Revised Proposed Amendment 87 to License No. NPF-22: Unit 2 Cycle 5 Reload", dated March 7, 1991.

Dear Dr. Butler:

The purpose of this letter is to supplement Reference 1 in response to a request from Mr. J. J. Raleigh of your staff.

PP&L has taken into account the effects of channel box bow in both of the reload applications that have been submitted to you since the issuance of NRC Bulletin 90-02, "Loss of Thermal Margin Caused By Channel Box Bow".

Reference 2 provided NRC approval of our approach in support of Unit 1 Cycle 6 operation. Reference 3 proposes the same approach in support of Unit 2 Cycle 5 operation. PP&L will continue to address channel box bow in future reload applications.

Very truly yours,

H. W. Keiser

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cc: NRC Document Control Desk (original)
NRC Region I
Mr. J. J. Raleigh, NRC Project Manager - OWFN
Mr. G. S. Barber, NRC Sr. Resident Inspector - SSES

March 28, 1991

Docket Nos. 50-387
and 50-388

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: NRC BULLETIN 88-08: THERMAL STRESSES IN PIPING CONNECTED TO REACTOR COOLANT SYSTEMS, SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 (MPA X8-08 TAC NOS. 69696 AND 69697)

Bulletin 88-08, "Thermal Stresses in Piping Connected to Reactor Coolant Systems" dated June 22, 1988 requested all licensees and applicants to (1) review their reactor coolant system (RCS) to identify any connected, unisolable piping that could be subjected to temperature distributions which would result in unacceptable thermal stresses and (2) take action, where such piping is identified, to ensure that the piping will not be subjected to unacceptable thermal stresses.

Your letter of September 28, 1988 stated that the appropriate system piping reviews had been conducted for Susquehanna, Units 1 and 2 and provided analysis of system piping connected to the primary coolant piping. Your analysis determined that Susquehanna, Units 1 and 2 do not contain unisolable sections of RCS piping that can be subjected to stresses of the type defined in Bulletin 88-08.

Your letter fulfills the Actions Requested and Reporting Requirements of Bulletin 88-08. For purposes of our Safety Issues Management System (SIMS), implementation is considered complete as of September 28, 1988, the date of your letter. This issue is closed for Susquehanna, Units 1 and 2.

Sincerely,

/S/

James J. Raleigh, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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NUCLEAR REGULATORY COMMISSION
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March 28, 1991

Docket Nos. 50-387
and 50-388

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

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Sincerely,

James J. Raleigh

James J. Raleigh, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

cc:

Jay Silberg, Esq.
Shaw, Pittman, Potts & Trowbridge
2300 N Street N.W.
Washington, D.C. 20037

Bryan A. Snapp, Esq.
Assistant Corporate Counsel
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. J. M. Kenny
Licensing Group Supervisor
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. Scott Barber
Senior Resident Inspector
U. S. Nuclear Regulatory Commission
P.O. Box 35
Berwick, Pennsylvania 18603-0035

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

Mr. Jesse C. Tilton, III
Allegheny Elec. Cooperative, Inc.
212 Locust Street
P.O. Box 1266
Harrisburg, Pennsylvania 17108-1266

Mr. S. B. Ungerer
Joint Generation
Projects Department
Atlantic Electric
P.O. Box 1500
1199 Black Horse Pike
Pleasantville, New Jersey 08232

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Mr. Harold G. Stanley
Superintendent of Plant
Susquehanna Steam Electric Station
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. Herbert D. Woodeshick
Special Office of the President
Pennsylvania Power and Light Company
1009 Fowles Avenue
Berwick, Pennsylvania 18603

Mr. Robert G. Byram
Vice President-Nuclear Operations
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101