



Pennsylvania Power & Light Company

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Harold W. Keiser
Vice President-Nuclear Operations
215/770-7502

JUL 16 1985

Dr. Thomas E. Murley
Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION
FINAL RESPONSE TO IE BULLETIN 83-03
ER 100450/100508 FILE 842-3
PLA-2504

Docket Nos. 50-387
and 50-388

Dear Dr. Murley:

PP&L initially responded to IE Bulletin 83-03 on June 9, 1983 (PLA-1697). This letter serves to provide the final report of inspections conducted pursuant to the bulletin and to provide the status of other commitments made in our original response.

Inservice Inspection Program

Revision 2 to the Susquehanna SES Unit 1 Pump and Valve ISI program was submitted on June 30, 1983 (PLA-1731). This revision included new ISI requirements for the twelve check valves in the ESW system flowpath for supplying cooling water to the diesels. The Unit 2 Pump and Valve ISI Program was submitted December 31, 1984 (PLA-2319). It did not include these valves since they are all common valves and the Unit 2 Program was established to cover only those valves not included in the Unit 1 Program. Inspections of these valves are planned only for Unit 1 refueling outages with half the valves to be inspected during each outage.

Initial Valve Inspections

All twelve check valves were disassembled and inspected prior to or during the Unit 1 first refueling outage to confirm the integrity of the valve internals. This included eight Pacific check valves at the Diesel Generator bays and four Anchor Darling check valves at the ESW pump discharges. The inspections were completed on May 10, 1985. All valves were determined to be satisfactory except 0-11-039 which was discovered to be partially disassembled. Upon disassembly, the check valve disc was found to be not seating properly. The disc nut was found to be loose caused by the disc nut pin being partially out of the nut. The cause of the pin coming out was due to the pin not being peened over sufficiently when the valve was initially assembled. Over time,

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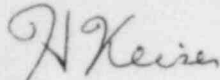
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Dr. Thomas E. Murley

vibration had caused the pin to vibrate out of the disc stud allowing the disc nut to loosen. The valve was reassembled and the disc nut pin was properly peened.

This completes PP&L's actions in response to IE Bulletin 83-03.

Very truly yours,



H. W. Keiser
Vice President-Nuclear Operations

Affidavit

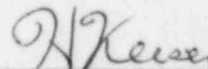
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Mr. R. H. Jacobs - USNRC
Ms. M. J. Campagnone - USNRC

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA)
: SS
COUNTY OF LEHIGH)

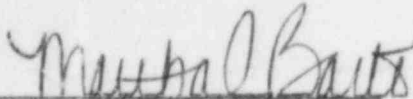
I, HAROLD W. KEISER, being duly sworn according to law, state that I am Vice President, Nuclear Operations of Pennsylvania Power & Light Company and that the facts set forth on the attached response to IE Bulletin 83-03 are true and correct to the best of my knowledge, information and belief.



Harold W. Keiser

Vice President, Nuclear Operations

Sworn to and subscribed
before me this 16th day
of July, 1985.



Notary Public

MARTHA C. BARTO, Notary Public

Allentown, Lehigh County, Pa.

My Commission Expires Jan. 13, 1986