



Pennsylvania Power & Light Company

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JUN 15 1988

Harold W. Keiser
Senior Vice President-Nuclear
215/770-4194

Mr. William T. Russell
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION
FINAL RESPONSE TO BULLETIN 87-02
PLA-3038 FILES R41-2/R41-1A

Docket Nos. 50-387
and 50-388

References: PLA-2958, dated January 11, 1988
PLA-3000, dated March 29, 1988

Dear Mr. Russell:

In response to IE Bulletin 87-02, the attached information provides Pennsylvania Power and Light Company's results for the disposition of the NCR cited in response to action item (5) in the referenced letter PLA-3000. This letter, together with the referenced letters PLA-2958 and PLA-3000, serves to provide our final response to the bulletin.

If you have any questions, please contact Mr. J. B. Wesner at (215) 770-7906.

Very truly yours,

H. W. Keiser

Affidavit
Attachment

cc: NRC Document Control Desk (original)
NRC Region I
Mr. F. I. Young, Sr. Resident Inspector
Mr. M. C. Thadani, NRC Project Manager
Mr. H. Kaplan, NRC Region I

IE 11
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FINAL RESPONSE TO IE BULLETIN 87-02

As reported in PLA-3000, PP&L initiated further testing of the SSES-Q-7 bolts from the original purchase order test lot via the NCR process to assure that the ultimate wedge tensile strength of the remaining bolts in the lot was not lower than the 2% test strength deficiency found in the initial test sample. Ten of the subject bolts were tested to the identical requirements that were imposed on the original set of test samples. The ultimate wedge tensile strengths of two of the ten bolts tested were about 0.2% too low (30 lb. below the required 17,050 lb.). The average ultimate wedge tensile strength of the SSES-Q7 bolts was 0.7% (119 lbs.) above the required 17,050 lbs. The disposition of the NCR based on these additional test results is as follows:

- o All SSES-Q-7 bolts from the original purchase order test lot which are installed in the plant are considered acceptable and have been dispositioned "USE-AS-IS".

The maximum 2% deviation of the ultimate wedge tensile strength from the ASTM requirement is within the tolerance of engineering design. In addition, the 2% deviation still provides an AISC factor of safety of 1.94 (reduced from 1.98). The reduction in the factor of safety is considered insignificant.

- o As a matter of conservatism, all SSES-Q-7 bolts from the original purchase order test lot which are not installed in the plant (still in the warehouse) have been dispositioned as "REJECT". Bolts from this lot have been discarded.

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA)

: SS


COUNTY OF LEHIGH)

I, HAROLD W. KEISER, being duly sworn according to law, state that I am Sr. Vice President - Nuclear of Pennsylvania Power & Light Company and that the facts set forth on the attached response to NRC Bulletin 87-02 are true and correct to the best of my knowledge, information and belief.



Harold W. Keiser
Sr. Vice President - Nuclear

Sworn to and subscribed
before me this ~~14th~~ day
of June, 1988.



Notary Public

HELEN J. WOLFERS, Notary Public
Allentown, Lehigh County, Pennsylvania
My commission expires April 4, 1989