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 BYRAM, R.G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 MARTIN, T.T. Region 1 (Post 820201)

See Enuro Rept.

SUBJECT: Forwards "Semiannual Effluent & Waste Disposal Rept for Jul-Dec 1992."

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Robert G. Byram
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APR 16 1993

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

**SUSQUEHANNA STEAM ELECTRIC STATION
SEMI-ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT
PLA-3954**

Docket No. 50-387
and 50-388

FILE R41-2A

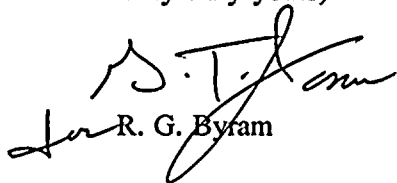
Dear Mr. Martin:

PLA-3930 (3/01/93) transmitted the Semi-Annual Radwaste Effluent Release Report in accordance with Technical Specification Section 6.9.1.8. This report was generated, however, using incorrectly calculated Joint Frequencies (Table 18) and Annual Relative Concentrations (Table 19) because our meteorology vendor incorrectly used Fahrenheit units instead of Centigrade as inputs for the third quarter 1992 meteorological delta-temperature data. The changes to the Joint Frequencies and Annual Relative Concentrations resulted in minor revision to the calculated airborne doses to the maximally-exposed individuals offsite (Table 20) and to the members of the public within the site boundary (Tables 22, 23, 24, and 25). All airborne doses, however, remain a fraction of the Technical Specification Limit.

Additionally, to be consistent with prior Semi-Annual Effluent Release Reports the tritium concentration data listed in Tables 4 and 5 for the third quarter 1992 has also been revised. This revised data reflects the results of tritium analyses that were performed at the Susquehanna site. The data provided in the report submittal on March 1, 1993 were results generated by an off-site vendor. Vendor results are utilized primarily for comparison purposes but were inadvertently used for this report. There were no real differences between the two sets of results. Airborne dose calculations for the maximally-exposed individual (Table 20) noted above also utilized the revised tritium results.

Please contact Mr. R.D. Kichline at (215) 774-7916 if you have additional questions concerning this report.

Very truly yours,


R. G. Byram

Attachment

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Mr. T.T. Martin
FILE R41-2A PLA-3954

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NRC Region I
Mr. G. S. Barber - NRC Resident Inspector
Mr. R. J. Clark - NRR Project Manager

