



Pennsylvania Power & Light Company

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Bruce D. Kenyon
Vice President-Nuclear Operations
215/770-7502

JUN 28 1985

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

SUSQUEHANNA STEAM ELECTRIC STATION
ANNUAL RADIOLOGICAL ENVIRONMENTAL
OPERATING REPORT REVISIONS
ER 100450
PLA-2498

FILE 991

Docket Nos. 50-387
and 50-388

Dear Dr. Murley:

Technical Specification 3.12.1 requires certain capabilities for Environmental Sample Analysis. These Lower Limits of Detection (LLD) for various radioisotopes are listed in Table 4.12.1-1. The Technical Specification also recognizes that occasionally uncontrollable circumstances may render the LLD's unachievable. In such cases, the contributing factors shall be identified and described in the Annual Radiological Environmental Operating Report.

For the samples collected in 1984 and reported in the Annual Report submitted to the NRC on April 30, 1985, the required LLD was not achieved for Ba-140 and/or La-140 on 16 required samples. PP&L recently noted that it failed to list the factors which caused the missed sensitivities. The 16 samples are listed in Attachment 1. The reason for the missed sensitivities was that the samples were not counted promptly enough at the vendor laboratory.

We have taken steps to assure that the analysis of the samples arriving at the laboratory will not be delayed. All analysis to date in 1985 have met the Technical Specification LLD requirement.

Attachment 2 contains revised pages for the 1984 Annual Radiological Environmental Monitoring Report. The revised copy footnotes those samples with missed LLD's and identifies the factors which caused the missed sensitivity.

If you have any questions, please contact us.

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Dr. T. E. Murley

Very truly yours,



B. D. Kenyon
Vice President-Nuclear Operations

Attachment(s)

cc: Director of Nuclear Reactor Regulation
Attention: Mr. W. R. Butler, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

M. J. Campagnone - NRC Bethesda
R. H. Jacobs - NRC Resident