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REGION 1



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U.S. Nuclear Regulatory Commission
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LICENSE: #37-06554-02

Docket: #030-10270

NRC MAIL CONTROL # 135271

**CORRECTION TO PPL SUSQUEHANNA, LLC PLA's 5774 and 5778
PLA-5812**

- References:*
- 1) Letter (PLA-5774) from B. L. Shriver (PPL) to Division of Fuel Cycle Safety and Safeguards (NRC) titled, "Decommissioning Survey Report for PPL's Former Corporate Dosimetry Laboratory Location," dated June 29, 2004.
 - 2) Letter (PLA-5778) from B. L. Shriver (PPL) to Ms. K. Modes (NRC) titled, "Request for Changes to License #37-06554-02," dated July 2, 2004.

The purpose of this letter is to document corrections to the above referenced PLAs. The corrections were made to the Table titled, "CERML Radioactive Materials (Accumulated Since 2000) Packaged for Disposal April 2004" in both PLAs. Corrections were made due to an error in the calculation of the isotopic activity values. The original activity values were calculated erroneously high based on the summation of the individual isotopic specific activities multiplied by the total mass/volume of each sample/source medium. The corrected activity values are the summation of the individual isotopic activities. The actual isotopic activities packaged and shipped for disposal were significantly lower than previously reported.

PPL has reviewed all other information in the referenced PLAs and has determined that the information is correct. The corrected table is attached.

If you have any questions, please contact Mr. Stephen Ingram at (570) 542-3245 or Mr. Francis J. Hickey at (570) 542-1141.

Sincerely,

B. T. McKinney

Attachment

cc: NRC Region I
Division of Fuel Cycle Safety and Safety and Safeguards
Mr. A. J. Blamey, NRC Sr. Resident Inspector
Mr. R. V. Guzman, NRC Project Manager
Mr. R. Janati, DEP/BRP
Ms. Marjorie McLaughlin, NRC Region I

135271

CERML Radioactive Materials (Accumulated Since 2000)
Packaged for Disposal April 2004

TOTAL ACTIVITIES PER ISOTOPE

<u>SOLIDS</u>	<u>Activity</u> <u>(uCi)</u>
Ce-141	7.06E-08
Co-58	2.26E-05
Co-60	9.46E-02
Cr-51	8.95E-08
Cs-134	9.89E-03
Cs-137	2.17E-01
Fe-59	1.02E-06
Mn-54	3.84E-03
Zn-65	4.29E-03
Am-241	2.84E-03
Pb-210	2.47E-02
Cd-109	4.71E-03
Ce-139	4.74E-11
Sn-113	7.67E-13
Y-88	2.39E-13

<u>SOURCES</u>	<u>Form</u>	<u>Activity (uCi)</u>
C-14	Liquid	4.63E-02
Co-60	Button	1.29E-01
Ba-133	Button	8.94E-02
Cs-137	Plated Source	2.07E-02
Eu-152	Button	9.33E-01
Eu-152	Button	9.33E-01
Eu-152	Button	9.10E-01
Eu-152	Pipe Source	4.03E+00

<u>LIQUIDS</u>	<u>Activity (uCi)</u>
Ce-141	4.45E-08
Co-58	4.69E-06
Co-60	3.10E-03
Cr-51	1.28E-08
Cs-134	1.10E-03
Cs-137	3.69E-03
Fe-59	3.90E-07
Mn-54	5.37E-04
Zn-65	4.64E-04
H-3	3.41E-01