

NRC FORM 699 (9-2003)		U.S. NUCLEAR REGULATORY COMMISSION		DATE 07/10/2006
CONVERSATION RECORD				TIME 11:15 - 11:25 AM
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU Zelda Curtiss		TELEPHONE NO. 412-442-4262		TYPE OF CONVERSATION <input type="checkbox"/> VISIT <input type="checkbox"/> CONFERENCE <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING
ORGANIZATION PADEP, Attorney				
SUBJECT Response to 7/7/06 Question on Effluent Discharge				
SUMMARY (Continue on Page 2)				
<p>On July 7, 2006, Zelda Curtiss, PADEP Attorney, called to ask what is the radiological liquid discharge limits that Molycorp WA is subject to now.</p> <p>On July 10, 2006, I responded to Ms. Curtiss by telephone with the following information:</p> <p>In supplemental information provided by Molycorp, Inc. (ML003715060) which was incorporated into Materials License SMB-1393, Molycorp is required to maintain controls to ensure concentrations of source material in air and water at site boundaries will be maintained well below the 10 CFR 20, Appendix B, Table 2, effluent limits. Controls include but not limited to, erosion control measures (e.g., silt, fencing, berms), liners for stockpiles or soils that exceed unrestricted release limits, fugitive dust emission control by water spray or other dust suppressants, covers for stockpiles expected to remain in place for more than 2 weeks, temporary air monitoring stations in stockpile areas, and routine air and surface water samples in the vicinity of stockpiles. Any water pumped from controlled areas will be stored and batch sampled before discharge to ensure compliance with the effluent limits.</p> <p>The 10 CFR 20, Appendix B liquid effluent limit for U238 is <math>3 \times 10^{-7}</math> microcuries/ml per year which equals 300 pCi/L per year. The concentration value given in Column 2 of Table 2 are equivalent to the radionuclide concentration which, if ingested continuously over the course of a year, would produce a total effective dose equivalent of 0.05 rem (50 millirem or 0.5 millisieverts).</p> <p><i>Docket 40-8878</i>  <i>License SMB-1393</i>  <i>I also gave her the MC # for</i>  <i>Water Management Plan for the Molycorp site, Washington, PA site</i>  <i>ML0518700 20)</i></p>				
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ACTION REQUIRED <i>NONE</i>				
NAME OF PERSON DOCUMENTING CONVERSATION <i>self</i>		SIGNATURE <i>Emily M. Snyder</i>		DATE 7/10/06
ACTION TAKEN				
TITLE OF PERSON TAKING ACTION		SIGNATURE OF PERSON TAKING ACTION		DATE