MEMORANDUM

To: West Valley Citizen Task Force Members
From: Paul L. Piciulo, Ph.D.
Subject: Plutonium in the State-Licensed Disposal Area (SDA)
Date: September 27, 2006

At the last West Valley Citizen Task Force Meeting, an observer asked how many pounds of plutonium were disposed in the State-Licensed Disposal Area (SDA) trenches. Upon researching this question, NYSERDA staff have calculated that approximately 11.1 pounds of plutonium was disposed at the SDA. The data used in this calculation was extracted from the SDA Radiological Characterization Report prepared by Ralph E. Wild of the URS Corporation, dated September 20, 2002. This data is considered the most up-to-date and accurate. Some of the more experienced CTF members may recall Ralph’s presentation on the radioactive source term in the SDA at the July 16, 2003 CTF meeting.

I have attached a spreadsheet showing the calculation and summation of total plutonium for each trench at the SDA. If you have any question about this information, please let me know.