

AC-PRES
WZ:2007:0024
August 22, 2007

Mr. Ray Vaughn
135 E. Main Street
Hamburg, NY 14075

Dear Ray:

SUBJECT: Question from the July 25, 2007 CTF Meeting Regarding the NDA Cap

In response to your concern that the additional backfilling and synthetic liner will make it harder to detect waste locations in trenches and holes within the NDA, WVNSCO has the following response:

The waste inventories and their locations have been identified, characterized, and captured in the following documentation:

1. *Estimated Radionuclide Inventories for the NRC Licensed Disposal Area at the West Valley Demonstration Project*, Ralph E. Wild, URS August 2000.
2. In 1993 based on the available data, WVNSCO prepared drawing 900-E-4974, "NDA (NRC Licensed Disposal Area) Base Map" that includes specific locations of the wastes.
3. We have investigated the present commercially available underground mapping technologies, and believe that they would be capable of mapping the sub-surface, even with the additional backfilling and synthetic liner.

Additional fill and the synthetic liner over the NDA will not jeopardize use of underground detection techniques in the future.

The work planned is being performed as a RCRA Interim Measure to reduce the risks associated with the contamination within the NDA by minimizing surface and groundwater infiltration. Based on the documentation above, there is no need at this time to verify precise field locations for the buried waste. If undertaken, this mapping would incorporate added cost that has no significant value for the project at this time.

Should you have any questions, please contact me at (716) 942-4950 or K. K. Gupta of my staff at (716) 942-4498.

Yours truly,

WEST VALLEY NUCLEAR SERVICES CO.



D. C. Meess
Chief Engineer

KKG:BLS

cc: B. C. Bower, DOE-WVDP, AC-DOE
P. J. Bembia, AC-NYSERDA