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September 23, 2006

Mr. David Nelson  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, MD 20852

SUBJECT: Surface Soil Sample Results from Support Zone Sub-Grid C5-1

Dear Mr. Nelson,

The following is a supplemental report to the Final Status Survey Report submitted on 08/28/06 for the Support Zone Area of the Dow Chemical Company's (TDCC) Bay City, MI, Site. On Thursday, September 21, 2006, four soil samples were taken from the surface soil in sub-grid C5-1. Sub-grid C5-1 was the location of the truck "load-out" area during the remediation of the remaining 9.2 acres in accordance with the methods described in the *Supplement to the Decommissioning Plan (Amendment No. 12 to TDCC License No. STB-527, October 6, 2005)*. The results of the surface soil samples are as follows:

- Quadrant A - 0.406 pC/g
- Quadrant B - 0.388 pC/g
- Quadrant C - 1.120 pC/g
- Quadrant D - 0.570 pC/g

The mean for the sample results in this sub-grid is 0.62 pC/g. The average of all soil sample results within survey unit C5-1 at the 95% confidence level was 0.99 pC/g, satisfying the release criteria.

This letter is submitted by Babcock Services, Inc., on the behalf of, and at the request of, Ben Baker, TDCC. Please contact either Mr. Ben Baker or myself if you have any questions. Thank you.

Sincerely,



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David Wojtkowiak  
Radiation Safety Officer  
TDCC Thorad Project