



**ENVIROCARE** OF UTAH, LLC

*SAFE AND SECURE*

November 14, 2005  
Ref. No. 23535-064

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*L-9*

Mrs. Marie Miller  
Chief, Decommissioning Branch  
Division of Nuclear Materials Safety  
US NR, Region 1  
475 Allendale Road  
King of Prussia, PA 19406

*04007455*

**Subject: Application for Amendment to License SMA-1018  
Final Status Survey Plan, Section 2 of the Whittaker Site  
Control No. 137796**

Dear Mrs. Miller:

I have prepared the following responses to your comments dated October 18, 2005 regarding the Whittaker Corporation's request for amendment to License No. SMA-1018 to incorporate the Final Status Survey Plan (FSSP) for Section 2 of the Whittaker Site (Scientech Document No. 82A9564, Revision 0). A revised version (Revision 1) of the Section 2 FSSP that reflects the changes made to the document based on your comments will be transmitted to you under a separate cover. Also, please be aware that the Decommissioning Services Department of Scientech, LLC is now owned by Envirocare of Utah, LLC and as such is now known as the Field Services Division of Envirocare of Utah, LLC.

Response to Comment 1. The calculation for the number of samples required for each survey has been revised to reflect the use of the unity rule. Section 12.2.2 of "Decommissioning Health Physics - A Handbook for MARSSIM Users" by E.W. Abelquist (IOP Publishing Ltd. 2001) was used for guidance in performing the calculations with multiple radioisotopes of concern. The revised calculations indicate that each survey unit will be required to have a minimum of eleven (11) samples. Please see Appendix B of Revision 1 of the Section 2 FSSP.

Response to Comment 2. Section 2.2 was revised to provide clarity in the ScanMDC calculation. The conversion factor in question was derived using a MicroShield dose model and it has been revised to an actual value of 0.92  $\mu\text{R/hr}$  per pCi/g. The output from the dose model is provided as Appendix A of Revision 1 of the Section 2 FSSP.

Response to Comments 3 and 4. Copies of the referenced procedures were provided to Marjorie McLaughlin on October 27, 2005 during your visit to the Whittaker site. Please notify me if you would like additional copies.

Response to Comment 5. The Data Quality Object in question was revised in Revision 1 of the Section 2 FSSP to read "100% of the DCGL."

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Thank you for your continued efforts on this license amendment request. If you have any additional comments or concerns, please contact me at (864) 235-3695.

Sincerely,

Kevin E. Taylor  
License RSO

KET/lhc  
cc: E. Lardiere  
R. Moss