



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 1, 2005

Docket No. 03029288
Control No. 135223

License No. 37-17860-02

David J. Allard, C.H.P.
Director
Bureau of Radiation Protection
Pennsylvania Department of Environmental Protection
Rachel Carson State Office Building
P.O. Box 8469
Harrisburg, PA 17105-8469

SUBJECT: BUREAU OF RADIATION PROTECTION, REQUEST FOR ADDITIONAL
INFORMATION CONCERNING SUBMISSION OF FINAL SITE SURVEY
REPORT, CONTROL NO. 135223

Dear Mr. Allard:

This is in reference to your letter dated February 10, 2005 which transmitted your Final Site Survey Report (FSSR) to us. We have reviewed your FSSR using the guidance in NUREG - 1757, Volume 2, *Consolidated NMSS Decommissioning Guidance: Characterization, Survey, and Determination of Radiological Criteria* and NUREG-1575, *Multi-Agency Radiation Survey and Site Investigation Manual* (MARSSIM). Both NUREG-1757, Volume 2 and MARSSIM state that the FSSR should "provide a complete and unambiguous record of the radiological status of the survey unit, provide sufficient data and information to enable an independent re-creation and evaluation at some future time, and should be a stand-alone document with minimum information incorporated by reference". Therefore, in order to complete the FSSR so that we may continue our review, we need the following additional information:

1. Please provide the soil sample compositing procedure.
2. Please provide a definition of the uncertainties (error/sigma) presented in the FSSR. For example, do all of the uncertainties represent the same concept? Are the uncertainties in Appendix B equivalent to the uncertainties presented in Appendix F; do the uncertainties represent just the counting uncertainty or the total propagated uncertainty and at what confidence level, if any?
3. Please provide the data used for the determination of E_i .
4. Please provide the survey instrument QC data. Section 3.7 of the FSSR discusses daily instrument checks that were made to assure that survey instruments were operating properly, but no data (daily instrument check results/control limits/control charts/etc.) is provided.
5. Please provide the Sciencetech documents listed in Section 6, References, of the FSSR.

D. Allard
Bureau of Radiation Protection

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We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 135223. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5214.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue this action.

Sincerely,

Original signed by James Kottan

James Kottan
Senior Health Physicist
Decommissioning Branch
Division of Nuclear Materials Safety

cc:
Bryan Werner, Radiation Safety Officer

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