

Note to File

Licensee: NIH  
License No.: 19-00296-10  
Docket No.: 03001786  
Control No.: 584275

In the letter dated 7/1/14, NIH requested that the facility at 5 Research Court be released for unrestricted use. The release of the facility is based on the results of the MARSSIM based Final Status Survey that demonstrated that no residual radioactive material remained.

D. Lawyer reviewed the probability of detection calculation for the alpha and determined that the variable used was incorrect. Specifically, the real base line is that they would detect a value of 750 dpm or three times the limit at 90% probability of detection. MARSSIM does not prescribe the minimum scan rates for a class 3 survey unit. If they paused they would be able to detect under the DCGL but not at the level they state: 50% of DCGL. Plus the DCGL should be a little lower as they had used Natural Uranium and not just U-238.

Signature: Tara L. Weidner /RA/

Date: 9/23/14