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Telephone Conversation Record

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 License No. 19-10306-01
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 Licensee Name: Dept. of the Army
 Participant(s) Name/Title: Paul Madairy, Consultant
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 NRC Representative Name/Title: Dennis Lawyer, Health Physicist

Subject: RAI, April 12, 2019 response letter

Discussion: I discussed with Mr. Madairy about the response as Ms. Ramsey, the RSO had asked me to give him a call. First, the alpha efficiency needed to be determined by a NIST traceable source. Mr. Madairy said he could use an Am-241 source to determine efficiency. I stated in Table 1 and 2 would need to be redone as the 2 pi efficiency shouldn't take into account the decay daughters of Thorium as the limit was based on the number of alphas. He would then use this efficiency and change the scan speed to meet the 0.9 probability of detection.

On the Class 2 rooms with walls, he would set up a specific survey unit for the 4 rooms with walls and survey them by systematic direct measurements and have 20% scans. They would use Co-60 as the most restrictive isotope.

Action Required: Perform remaining surveys, resubmit Table 1 and 2.

SUNSI REVIEW		
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