Deter December 20	
Date: December 30, 2004	Time: 2:30 pm
Docket No.: 040-09011	Control No.: 136080
Telephone No: Mr. Leslie Cole (consultant)	
Telephone No: 610-337-5040	
20 Dc	04 ocket No.: 040-09011 lephone No: Mr. Leslie

Subject: survey of room for thorium-232

I spoke with Mr. Cole about the use of the alternate simplified survey; because they cannot meet the scanning MDC required, they cannot use this method, and the proposed method of 1 static measurement per square meter, would not likely be enough. However, based on the information provided, they have classified the room as a Class 3 survey unit. This seems reasonable, considering that they have no one who recollects ever actually using thorium there, although the use was proposed. In addition, the scoping surveys have not identified any contamination. A MARSSIM Class 3 survey would require them to do the statistical analyses, but it also would likely result in fewer actual surveys being required, and would allow them to select the areas for "scanning"...for example, they believe that, IF the thorium was used, it would have been in the hood. In lieu of scanning surveys, they could do 100% static measurement of the entire area of the hood.

Mr. Cole agreed that this was a reasonable approach. He asked that a copy of the deficiency letter be sent directly to him.

Action Required/Taken: copy of telephone record to LAT for ADAMS package.	
Signature:	Date: January 4, 2005

Betsy Ullrich