

<b>U.S. NUCLEAR REGULATORY COMMISSION</b>		Date: 2/8/06
<b>TELEPHONE CONVERSATION RECORD</b>		Time: 15:50
Mail Control or Report No(s). 135758	License No(s). 52-01986-01	Docket No(s). 030-01182
Name of Licensee:	University of Puerto Rico	
Name of Participant(s):	Dr. James A Singmaster	
Telephone No.	510-797-3790	
Subject: (NOTE: This will be used as the Documents Title in ADAMS)	License Termination - Previous use of unsealed RAM	
Summary:	<p>Dr. Singmaster was the Radiation Safety Officer at UPR from 1970-1986. He worked at the facility from 1961-1992 (with leave from 1971-1975). I asked him about any use of unsealed carbon-14 at the site. He stated that only one experiment had ever been performed with c-14. It took place in early 1964. A vial containing 1 microcurie of carbon-14 was obtained by another researcher for use as a tracer in a pesticide study. One half (appx 0.5 microcuries) of the c-14 was diluted with the pesticide, and applied to coffee plants in 12 boxes with dimensions of approximately 3' X 3' x 2'. Dr. Singmaster stated that the experiment was unsuccessful because the carbon could not be detected in the plants. He felt that the application may have been too dilute. Dr. Singmaster stated that he then went on a two month sabbatical, and when he returned, the material in the boxes was gone. He stated that he did not know where it had gone, but that he suspected it had been "dumped" in a pile of other waste soils in an area behind a potting shed. The remaining 0.5 microcuries of carbon-14 was returned to the manufacturer (New England Nuclear, he believed). He stated that although other quantities of carbon-14 were obtained after this time, none was used. The other vials were stored for planned experiments that did not take place.</p>	
Action Required:	This information will be used in a dose assessment for license termination. E-file sent to LAT.	
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Prepared & SISP Review Completed By:	<i>/ RA /</i>	MMM	Date: 2/9/06