

XIII. Radioactive Materials

Section XIII of the Modifications of Activities Planned for 1998-99 lists any changes in the radioactive materials used during this time period and provides information regarding their form, nuclide, site, and specific use.

Add

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
BO-004-O	³ H	³ H - Thymidine		
BO-037-O	³ H ¹⁴ C	³ H - Glutamic acid ³ H - Uridine ¹⁴ C - Glycine Ethyl Ester ¹⁴ C - Tyrosine	Palmer Station	Molecular Adaptations of Microtubule Production in Antarctic Fish
BO-044-O		CORRECTION IN SPELLING: ³ H - Thymidine		
BO-200-O	¹⁴ C	¹⁴ C - Sodium Bicarbonate	R/V LAURENCE M. GOULD: Weddell Sea	Determination of bacteria plankton response to UV radiation in the Weddell Sea and Palmer Station LTER grid.

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
BO-301-O	³ H	³ H - Leucine	McMurdo Station	Metabolic studies of various Antarctic organisms
	³ H	³ H - Glucose		
	³ H	³ H - Thymidine		
	³ H	³ H - Uridine		
	³³ P	³³ P - Alpha-ATP		
	³³ P	³³ P - Gamma-ATP		
	³⁵ S	³⁵ S - Alpha-ATP		
	³⁵ S	³⁵ S - easytag protine labelling		
	¹⁴ C	¹⁴ C - Salycilic acid		
	¹⁴ C	¹⁴ C - Glutamic acid		
	¹⁴ C	¹⁴ C - Alanine		
	¹⁴ C	¹⁴ C - Adenosine		

Delete

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
BO-004-O	¹⁵ N	¹⁵ N ₂ , ¹⁵ N ₃ , ¹⁵ NH ₄	McMurdo Station	Metabolic studies of microscopic algae in permanent ice and snow