

## XIII. Radioactive Materials

*Section XIII of the Modifications of Activities Planned for 1999-2000 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>
BP-016-O	<sup>14</sup> C	<sup>14</sup> C – Sodium bicarbonate	NATHANIEL B. PALMER	LTERR on the Antarctic Marine Ecosystem: An Ice Dominated Environment - Phytoplankton Ecology Component
BM-042-P	<sup>3</sup> H	<sup>3</sup> H – Thymidine	McMurdo Station/Dry Valleys	McMurdo Dry Valleys: A Cold Desert Ecosystem
BP-046-O	<sup>3</sup> H	<sup>3</sup> H – Thymidine	R/V LAURENCE M. GOULD; R/V NATHANIEL B. PALMER	LTERR: Microbiology and carbon flux
OO-124-O	<sup>63</sup> Ni	<sup>63</sup> Ni – Nickel	R/V LAURENCE M. GOULD	Measurements of the circumpolar deep water formation.
AB-144-O	<sup>241</sup> Am <sup>109</sup> Cd <sup>57</sup> Co	<sup>241</sup> Am – Americium <sup>109</sup> Cd – Cadmium <sup>57</sup> Co - Cobalt	McMurdo	Experimentation to observe terrestrial x-rays associated with the aurora australis.
BO-197-O	<sup>32</sup> P	<sup>32</sup> P – Uridine Adenosine	McMurdo	Investigation of emperor penguin diving physiology.

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
OO-274-O	<sup>63</sup> Ni	<sup>63</sup> Ni – Nickel	R/V NATHANIEL B. PALMER	Measurements of the circumpolar deep water formation.
BO-310-O	<sup>3</sup> H	Tritium	McMurdo Station	Determination of Dry Valley Lake Organisms

## Delete

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
BP-046-O	<sup>14</sup> C	<sup>14</sup> C – Sodium Bicarbonate	R/V LAURENCE M. GOULD; R/V NATHANIEL B. PALMER	LTER: Microbiology and carbon flux
BO-301-O	<sup>32</sup> P	<sup>32</sup> P - Nucleic Acids	McMurdo Station	Metabolic studies of various Antarctic organisms
BO-310-O	<sup>3</sup> H	<sup>3</sup> H – Thymidine	McMurdo Station	Determination of Dry Valley Lake Organisms