

At Sea/In Field Radiation Generating Device Authorization

11 Scall Field Radiation Generating Device Authorization			
Authorized User: Eugene Gorman		Authorization Number: EG080912	
Institution/Organization and Department:		Date Approved: 08/09/2012	
Columbia/ Lamont-Doherty Earth Observatory			
		Expiration Date: 09/07/2012	
Research Vessel/Field Location: R/V Knorr			Cruise Dates: 08/15/2012-08/30/2012
Isotope(s):	Chemical/Physical Form:		Maximum Activity:
a. Ni-63	a. Sealed Source		a. 15 mCi
b. Ni-63	b. Sealed Source		b. 10 mCi
Instrument(s):			
a. HP6890, Electron Capture detector S/N K1398, 07/11/12			
b. Shimadzu, Electron Capture Detector S/N c10693000797, 07/11/12			
Authorized Radiation Workers: B. Smethie, S. Green			
Authorized Use and Storage Areas: Main lab			
Conditions of Authorization: A copy of this authorization shall be posted in the work area. All applicable requirements of the Radiation Safety Manual must be followed. Doors of work areas and storage areas must bear an appropriate 'Radioactive Material' sign. All sealed radioactive sources must be sealed appropriately to prevent or minimize leaks and contamination. All instruments which contain sealed radioactive sources must be properly shielded and labeled at the source. All sealed radioactive sources must be properly secured or under direct control of authorized personnel. Do not attempt to dismantle or compromise the integrity of the source housing. Copies of the latest leak test results must be provided upon request. Any changes in radioactive material, material use or storage areas, radiation, and/or possession limits will require an amendment to your Field Use Authorization prior to initiating your research.			
Approved:			