



Essential Isotopes
1513 Research Park Dr
Columbia, MO 65211

FACSIMILE COVER SHEET

Date: **October 22, 2009**

To: **Kevin Null**

Company: Nuclear Regulatory Commission

Phone:

Fax: 630-829-9782

From: **Marc Weichelt**

Phone: 573-882-0245

Fax: 573-884-1380

Email: mweichelt@midamericaisotopes.com

2 page(s) to follow

MO RAM license and letter of extension.



Missouri Radiation Control Program

FINALIZED Registration of Radioactive Materials



P.O. Box 570 1617 Southridge, Jefferson City MO 65102 Phone: 573-751-6083 Fax: 573-751-6158

DHSS Registration # 1137 Facility ESSENTIAL ISOTOPES		PHONE: (573) 864-0331	
FAX: (573) 657-1778		Address RESEARCH REACTOR CENTER 1513 RESEARCH PA COLUMBIA MO 65212	
County BOONE		Alternative Address:	
Parent Facility:		Physicist:	
Primary Facility Contact Person: MARC D. WEICHELT, R PH.		Rad Safety Officer: RON DOBEY	
Radioactive Materials			
Authorized Users			
Current RAM		MO DHSS	
Registration Date: 06/18/2007		Authorization	
Registration 06/18/2009		Approval by	
Expires:		John W Langston, MRCP	
RAMcomment:		NOTE: This form does NOT include NRC regulated RAM	

Mr. Weichelt's title is Director of Cyclotron Operations.

Isotope Symbol/Name	Max Qty	Chemical/Physical Form	RAM Usage	Usual Dose
Ac 225 Actinium 225	500 mCi	Any	Research	NA
C 11 Carbon 11	1 Ci	Any	eg. Imaging, Research, Calibration	NA
Co 57 Cobalt 57	5 mCi	Solid, e-vial	Calibration	NA
Cu 64 Copper 64	2 Ci	Any	Research, Calibration	NA
F 18 Fluorine 18	20 Ci	Any	eg. Imaging, Research, Calibration	NA
I 124 Iodine 124	500 mCi	Any	Research, Calibration	NA
N 13 Nitrogen 13	1 Ci	Any	eg. Imaging, Research, Calibration	NA
O 15 Oxygen 15	500 mCi	Any	eg. Imaging, Research, Calibration	NA



Missouri Radiation Control Program Health Services Regulation



PO Box 570 1617 Southridge Jefferson City MO 65102

Phone: 573 / 751-6083 Fax: 573 / 751-6158

July 25, 2007

MO DHSS RAM Registration #: 1137

ESSENTIAL ISOTOPES
RESEARCH REACTOR CENTE
COLUMBIA MO 65212

Attention: Radiation Safety Officer or RON DOBEY

As you are no doubt aware, under the provisions of the Energy Policy Act of 2005 (EPA Act), sometime between now and August 9, 2009, the Nuclear Regulatory Commission (NRC) will be assuming regulatory authority over all Radioactive Material some of which was regulated by the Missouri Radiation Control Program. As of that [as yet to be finalized] date, authority for licensing and enforcement actions in regard to all non-exempt quantities of Radioactive Material will be transferred to the NRC. Until that date, the MRCP's authority will continue. At some point in the future you will be contacted by the NRC to begin the process of applying for a new federal license for the continued possession and usage of your radioactive material (or, if applicable, amending your current NRC license).

To begin to prepare for and aid with the transition process, we have changed the expiration date of all current RAM registrations to August 10, 2009, based on the facility information currently in our database. Your facility last registered with our office on: 06/18/2007

Enclosed is the registration we currently have on file for your facility, which will now be valid until the NRC assumes regulatory authority. You will only need to contact our office if conditions change or new RAM is added, or possession amounts need to be changed. In that case contact our office for an amendment to the registration, as you have in the past. If you no longer use or possess naturally occurring or accelerator produced radioactive material, please advise us by return mail or call (573) 751-6083. If you have additional questions, please do not hesitate to contact us and ask to speak with Tracy Roark, Gary Franklin (Medical Sources) or Chuck Arnold (non-Medical Sources).

**Missouri Department of Health and Senior Services
Missouri Radiation Control Program
PO Box 570**

Jefferson City MO 65102-0570**Phone 573-751-6083****Fax 573-751-6158**

Sincerely,

John W. Langston, Supervisor
Health Services Regulation
Missouri Radiation Control Program