



RECEIVED
REGION I

2006 MAY 10 PM 1:06

NMSBI

May 9, 2006

Tara Weidner
Health Physicist
US NRC Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03033417

Re: Amendment Request for Radioactive Materials License Number 37-28453-02

Dear Ms. Weidner,

An amendment to the above referenced radioactive materials license is requested to:

1. Add the following as a location of use on the license:

Wyoming Valley PET Associates, LLC
190 Welles Street, Suite 100
Forty Fort, PA 18704

The facility is currently licensed as a PET facility under Radiation Medicine Specialists of Northeast Pennsylvania (NRC license number 37-30549-01), but the equipment is owned and operated by Integral PET Associates. The PET technologist is an employee of Integral. We would like to add the PET suite to Integral Nuclear Associates' license and have it removed from Dr. Schulman's license. Integral will be responsible for all aspects of the PET service, including radiation safety issues, training, emergency response, responsibility and disposal of the sealed sources, and decommissioning. Please see the attached letter from Dr. Schulman, transferring control of all sealed sources to us. Please note that this facility currently has an ADAC C-PET camera, which we are currently licensed for. We would like to request that the addition of the PET suite to Integral Nuclear Associates' license be done concurrently with the attached amendment to Dr. Schulman's license.

2. Add the following as an authorized user:

Dr. Norman Schulman

Dr. Schulman is currently the authorized user and Radiation Safety Officer for NRC license 37-30549-01.

138823

NMSBI/REGION I MATERIALS-002

3. Inform you that we will have another PET/CT trailer coming online.

We will have another PET/CT trailer coming online within the next couple of months. The new trailer will have the Philips Gemini GXL PET/CT scanner, which we are currently licensed for. The patient doses will be F-18, which is already on our State of PA license. The only NRC-delegated sources that will be used and stored are Cs-137 rod and vial sources for well counter QC and dose calibrator QC, respectively. We may occasionally use Tc-99m for doses calibrator QC, but not for patient use. Therefore, we are asking that this site be licensed under the NRC for instrument calibration and QC purposes only. Patients will be given state-regulated materials only.

A separate amendment request has been submitted to the Pennsylvania Department of Environmental Protection in order to make the same changes to our State radioactive materials license.

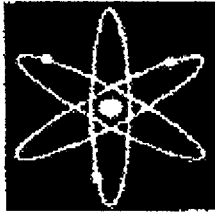
If you have any further questions or need any additional information, please do not hesitate to notify me at (610) 993-1640 Ext. 203 or our Health Physicist, Janice Nguyen at (610) 993-1640, Ext. 208.

Sincerely,

A handwritten signature in cursive script that reads "Wendy Rowan".

Wendy Rowan
Vice President of Operations

Attachment



RMS OF NEPA, P.C.

**RMS
RADIATION MEDICINE SPECIALISTS
OF NORTHEAST PENNSYLVANIA, P.C.**

NORMAN SCHULMAN, M.D., F.A.C.R.O.
Medical Director

190 Welles Street
Forty Fort, Pennsylvania 18704
(570) 714-8686
FAX (570) 714-8666
E-mail: NSCHULMD@aol.com

May 4, 2006

Tara Weidner
Health Physicist
US NRC region 1
475 Allendale Road
King of Prussia, PA 19406-1415

RE: Amendment Request
License # 37-30549-01

Dear Ms. Weidner

I would like to make two amendments to our license #37-30549-01.

1. Remove Depleted Uranium from the license

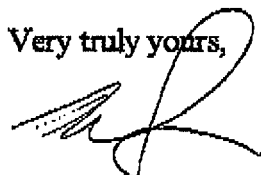
On Feb 15, 2000, when we first applied for our license, we were anticipating to purchase an ADAC MCD/AC PET unit, which has Cesium 137 and Depleted Uranium. However, the purchase never took place. Therefore, we never received, utilized or had in our possession the Depleted Uranium. Please update our license to remove the Uranium.

2. Remove Cesium-137 from the license

The control of Cesium-137 on our license is being transferred back to the owner Integral Nuclear Associates. Integral is sending in an amendment request at the same time to take control of the Cesium source at Wyoming Valley PET Associates, LLC. Therefore, please update our license to reflect the transfer of Cesium.

After the amendment is done, we will only possess Iridium-192 for our HDR remote afterloader unit.

Very truly yours,



Norman Schulman, M.D.

Source Leak Test / Inventory

Pool Executive Green II
 43 Leopard Road, Suite 200
 Coll, PA 19301

(610) 993-1640
 (610) 993-1651 FAX

Date: 5.8.06

Review Performed by: D. Steigerwalt, CNMI, ASST. ASST.

Facility: Wyoming Valley

RSO Review: _____

I. Source Data:

Ambient dose rate survey

Source	Serial Number	Activity/Date	Wipe(cpm)	BKG(cpm)	NET(cpm)	Comments mR/hr.
1 Ba 133	934-59-9	278.7 μ Ci 11-1-03				<0.03 *
2 Co 57	970-27-5	5.460 mCi 12-1-03	Inventory only			<0.03 *
3 Na 22	1104-33-20	100 μ Ci 6-1-05	done at			<0.03 *
4 Cs 137	CZ-212	5 mCi 12-1-00	this time			<0.5 **
5 Cs 137	_____	0.5 μ Ci _____				<0.03 *
6 Na 22	710-30-2	60 μ Ci 1-1-01				<0.03 *
7 Cs 137 (2)	99-2234 + 2076	1 μ Ci ea. - 11/02				<0.04 *
8 Cs 137	B1656	0.1068 μ Ci 1-1-00				<0.03 *
Location of Sources:						

II. Well Counter Efficiency Verification:

Check Source: _____ Calib. Date: _____ Activity: _____

Current Source Activity: _____

N/A

$$\text{Efficiency} = \frac{\text{Check Source (cpm)} - \text{Background (cpm)}}{(2.22 \times 10^5 \text{ dpm/uCi}) \times (\text{Current Activity uCi})}$$

Efficiency = _____ cpm/dpm

0.005 uCi x 2.22×10^6 dpm/uCi = 11,100 dpm

For this counter:
 11,100 dpm x _____ cpm/dpm = _____ cpm
(Efficiency from above)

Used Ludlum HC
 s/n. 190120
 for ambient
 dose rate
 survey.

Therefore, wipes exhibiting net count rates of this or less, are less than 0.005 uCi.

Bkgd = 0.03 mR/hr.

* <0.03 mR/hr outside
 of lead bricks
 <0.25 mR/hr outside

** <0.50 mR/hr at
 back, front + center of
 PET gantry. <2.0 mR/hr
 on surface

is out for calibration All other sources are present and secure.

Source Leak Test / Inventory

Paoli Executive Green II
43 Leopard Road, Suite 200
Paoli, PA 19301

(610) 993-1640
(610) 993-1651 FAX

Date: 3-1-06

Review Performed by: D. Stengerwolt, cdm

Facility: Wyoming Valley

RSO Review: _____

Ambient dose rate survey.

I. Source Data :

Source	Serial Number	Activity/Date	Wipe(cpm)	BKG(cpm)	NET(cpm)	Comments
1 Ba 133	934 59 9	278.7 μ Ci 11-1-03	1042	1051	Ø	<0.03 mR/hr *
2 Co 57	970 27 5	5.460 mCi 12-1-03	1038	1051	Ø	<0.03 mR/hr *
3 Na22	1104 33 20	100 μ Ci 6-1-05	1021	1051	Ø	<0.03 mR/hr *
4 Cs 137	CZ 212	5 mCi 12-1-00	1062	1051	11	<0.5 mR/hr **
5 Cs 137	—	0.3 μ Ci —	1080	1051	29	<0.03 mR/hr *
6 Na22	710 30 2	60 μ Ci 1-1-01	1014	1051	Ø	<0.03 mR/hr *
* 7 Cs 137 (2)	992236 + 2076	1 μ Ci ea 11/2002	1024	1051	Ø	<0.04 mR/hr *
8 Cs 137	B1650	0.1068 μ Ci 1-1-00	1029	1051	Ø	<0.03 mR/hr *

Location of Sources: Buttons and vial sources (#1, 2, 3, 5, 6 + 8) are stored in lead box. Check sources (#7) are on survey meters. Transmission source (#4) is inside PET gantry. All sources, except #4, are kept in hot lab which is kept locked when not in use. PET imaging room is kept locked when not in use.

II. Well Counter Efficiency Verification :

Check Source: Co 57 Calib. Date: 7-1-04 Activity: 0.8567 μ Ci
Cs 137 1-1-00 1.068 μ Ci
Na-22 2-15-02 0.9527 μ Ci
 Current Source Activity: 0.1818 μ Ci
0.0927 μ Ci
0.3245 μ Ci

Check Source (cpm) - Background(cpm)

$(2.22 \times 10^6 \text{ dpm} / \mu\text{Ci}) \times (\text{Current Activity } \mu\text{Ci})$

Efficiency = 0.92
 = 0.30
0.39 cpm/dpm

$0.005 \mu\text{Ci} \times 2.22 \times 10^6 \text{ dpm} / \mu\text{Ci} = \underline{11,100} \text{ dpm}$

For this counter: 0.92 107212
0.30 3330
 $11,100 \text{ dpm} \times \frac{\text{cpm/dpm}}{\text{Efficiency from above}} = \underline{4329} \text{ cpm}$

Therefore, wipes exhibiting net count rates of this or less, are less than 0.005 μ Ci.

* <0.03 mR/hr outside of lead bricks.
 <0.20 mR/hr outside

** <0.5 mR/hr at back, front & center of PET ring.
 <1.50 mR/hr at surface

Use Cad. lum 14C SLN 190120 for ambient dose rate survey. RCR = 0.03 mR/hr.

This is to acknowledge the receipt of your letter/application dated

5/9/2006, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 97-22453-02
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 138823.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.