



October 1, 2009

Materials Licensing Section  
US Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

REF: License # 24-20274-01

Dear NRC Representative:

We wish to amend our license to remove Nuclear Medicine Imaging Room C-1558 in our hospital as an area of use.

The room has been vacated and a decommissioning survey has been performed. The report of this survey is attached.

Other than discontinuing the use of this room there are no changes in policies, procedures or personnel.

If there are any questions in regard to this request please contact Doneda Swenson at 816-655-5567.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patrick O'Toole".

Dr. Patrick O'Toole  
Radiation Safety Officer



# Integrated Science Support, Inc

1802 Union  
St, Joseph, MO 64501  
(816) 390-9011  
(800) 306-4477  
FAX (816) 390 - 8003

## Decommissioning Survey – Room # C1558

**St. Mary Hospital Blue Springs**  
**201 R.D. Mize Road**  
**Blue Springs, MO 64014**

By-Product License # 24-20274-01

Survey Date: 9/24/09  
Wipe Test Counting Date: 9/24/09  
Surveyor: Jon J. Erickson, Ph.D.

See Attached Drawing for Location of Wipes and Surveys

All radioactive sources removed: YES  
All radioactive warning signs removed: YES

Location	Survey	Wipe Test		
	Background = <0.03mR/hr	Wipe Count (cnts/300sec)	Net (cnts/300sec)	Net DPM
#1 – Floor	<0.03mR/hr	2345	-92	0
#2 – Floor	<0.03mR/hr	2448	17	4
#3 – Floor	<0.03mR/hr	2490	63	14
#4 – Floor	<0.03mR/hr	2365	-72	0
#5 – Floor	<0.03mR/hr	2341	-96	0

Decommissioning Cleaning Level: Net Activity > 200 DPM

### Radiation Survey Instrumentation:

Survey Meter: Ludlum 14C S/N 173592  
Probe: Pancake GM S/N 167326  
Calibration Date: 6/2/09

### Wipe Test Counting Instrumentation:

Well Counter Spectech UCS-20 S/N 219

Well Counter Efficiency: 91%  
Last Efficiency Calibration: 5/9/09  
Wipe Test Background: 2437 counts in 300 seconds  
Wipe Test Counting Time: 300 Seconds

Other Documentation:

*Radioactive Material Used in This Room:*

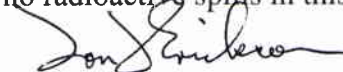
<b>Radioisotope</b>	<b>Form</b>	<b>Maximum Amount in Single Source</b>
Tc-99m	Liquid	50 mCi
Thallium 201	Liquid	4.5 mCi
Xenon 133	Gas	35 mCi
Gallium 67	Liquid	10 mCi
Cobalt 57	Solid	15 mCi

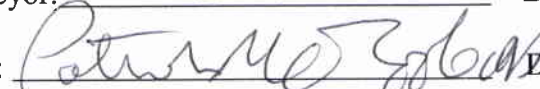
No Leaking Sealed sources were used in this area

*Records of Public Dose:* This facility generated no records of this type.

*Waste disposal by release to sewers, incinerators, radioactive spills, on-site burials:* This facility disposed of no radioactive materials by release to sewers, incineration, or on-site burial.

There were no radioactive spills in this area.

Surveyor:  Date: 9/29/09

RSO:  Date: 10/1/09

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Room C-1558  
Decommissioning  
Wipe Locations

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To Public Corridor

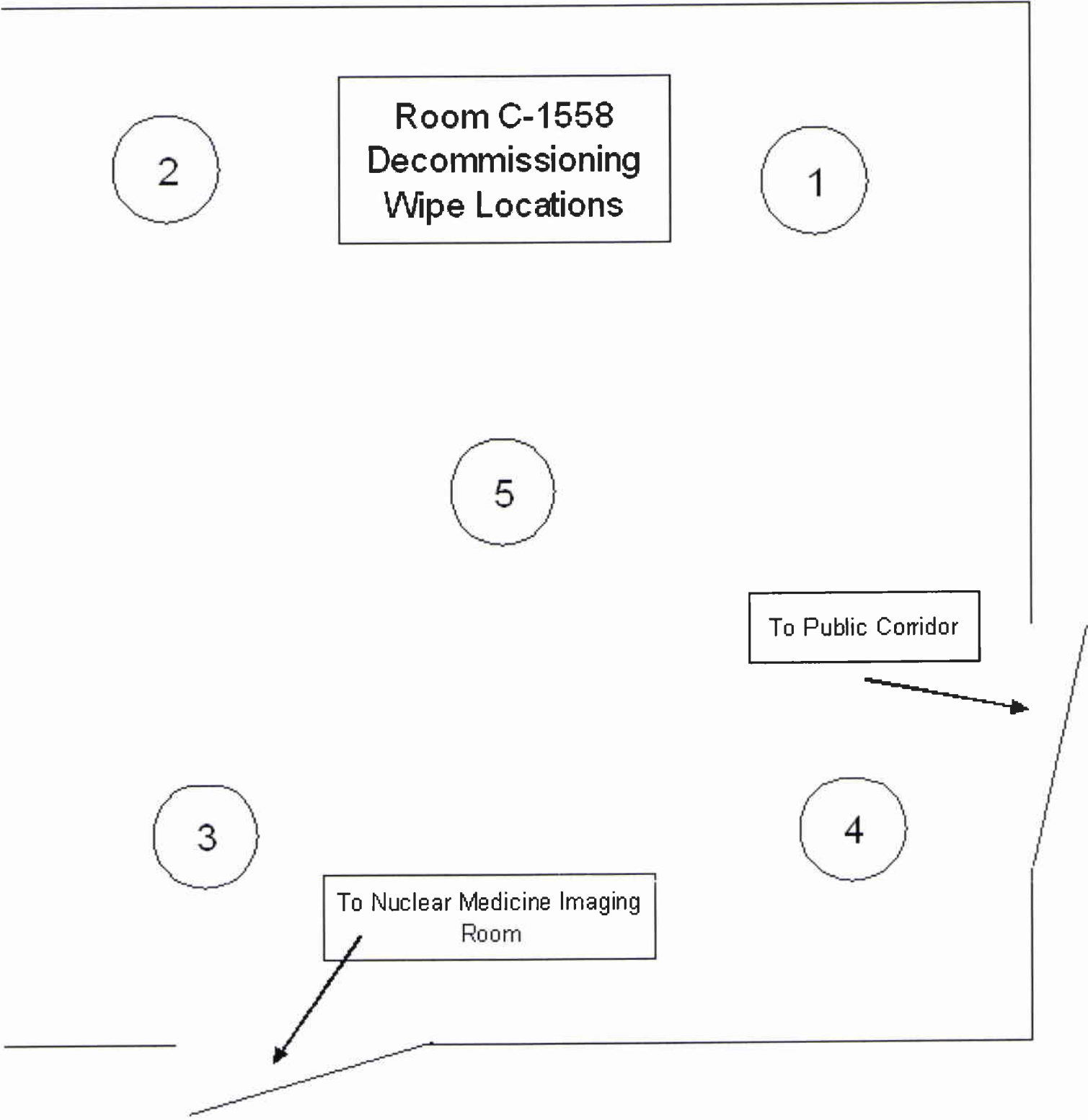


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To Nuclear Medicine Imaging  
Room



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201 NW R.D. Mize Road  
Blue Springs, Missouri 64014



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