DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MEDICAL DEPARTMENT ACTIVITY
650 JOEL DRIVE
FORT CAMPBELL, KY 42223-5349

Br. 1

November 21, 2018

U.S. Nuclear Regulatory Commission Region 1
Nuclear Materials Safety, Medical Branch
2100 Renaissance Blvd, Suite 100
King of Prussia, Pennsylvania 19406-2713

Dear Sir or Madam:

03036430

In reference to Nuclear Regulatory Commission Materials License 16-30845-01, Docket No. 030-36430, Blanchfield Army Community Hospital (BACH) requests the removal of room 2BC65 as a radioactive use area from our nuclear materials license. This room was used to conduct the Myocardial Treadmill Stress tests and Tc-99m was the only isotope utilized in the room. Enclosed is a copy of the close out survey for room 2BC65.

Please direct any questions to our Radiation Safety Officer, Jasen L. Swanson, at work: (270) 956-0125, cell: (208) 241-4874, or e-mail: jasen.l.swanson.mil@mail.mil.

Sincerely,

Anthony L. McQueen
Colonel, U.S. Army
Commanding

Enclosure

610815

Blanchfield Army Community Hospital
Health Physics Office
Radiation / Contamination Survey

Survey Location: ICU Room 2BC65

Survey Date/Time: 24 Sep 2018 **Surveyor:** Turman

Most Abundant Isotopes: ^{99m}Tc

Instrumentation

Survey Instrument Model Number: 451P **Serial Number:** 6414

Calibration Due: 3 Oct 18 **Check Source:** ^{137}Cs **Serial Number:** 101

Constancy: 173 µR/hr **HP Background:** 3 µR/hr

Counting System: PerkinElmer 2470 WIZARD 3" Gamma Counter, Serial Number SGWZ37130044

Efficiencies: 46 % ^{99m}Tc
MDA(DPM) 66 ^{99m}Tc
LLD(DPM) 28 ^{99m}Tc

Results

Trigger Levels
Removable Contamination = 200 dpm/100cm²
Ambient (Monitor Readings) = 100 µR/hr

○ = Marks Swipe Locations
△ = Exposure Rates (µR/hr)

	Yes	No
Removable Contamination / Monitor readings > trigger level		X
Re-swipe		X

Remarks

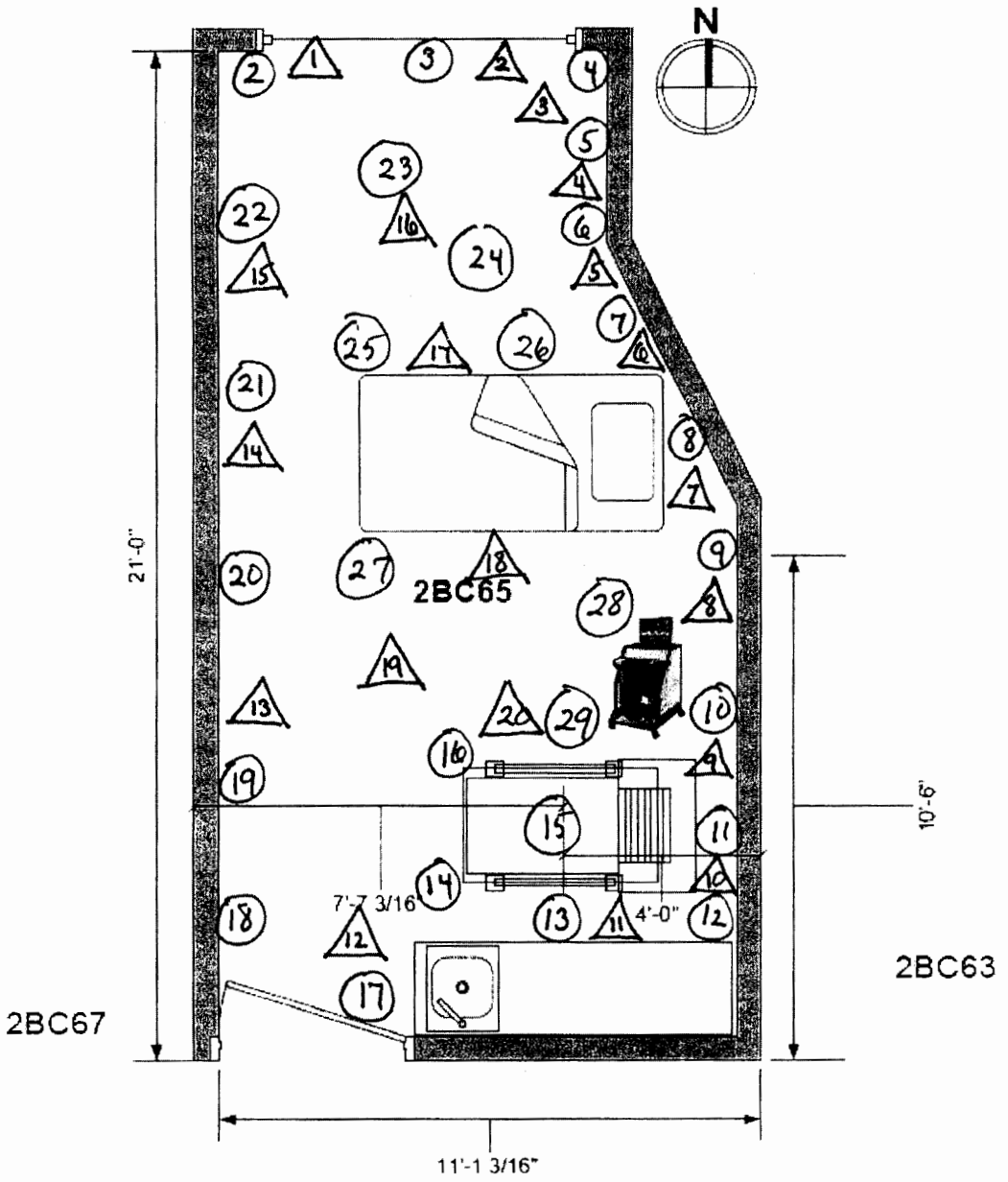
Survey to release room 2BC65

- No Detectable Activity
- No Detectable Exposure.

Eugene Turman
Technician

Radiation Safety Officer

Layout for ICU Room
2BC65



ICU

SWIPES ○	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
Exposure △	1 4 μR/hr	2 5 μR/hr	3 3 μR/hr	4 4 μR/hr	5 5 μR/hr	6 5 μR/hr
7 4 μR/hr	8 4 μR/hr	9 5 μR/hr	10 3 μR/hr	11 5 μR/hr	12 5 μR/hr	13 3 μR/hr
14 4 μR/hr	15 4 μR/hr	16 3 μR/hr	17 4 μR/hr	18 4 μR/hr	19 4 μR/hr	20 3 μR/hr

Protocol ID 1 Protocol Name Weekly Swipes Run ID 704

Sample	Measurement date & time	Rack	Pos	Time	Open Counts	Open CPM	Open Error %	Tc-99m Counts	Tc-99m CPM	Tc-99m Error %
blank- 1	9/24/2018 10:23:06	1	1	60	124	0	0.00	30	2	100.16
2	9/24/2018 10:23:06	1	2	60	123	1	0.00	23	0	0.00
3	9/24/2018 10:24:21	1	3	60	124	0	0.00	37	11	35.37
4	9/24/2018 10:24:21	1	4	60	126	0	0.00	32	1	63.28
5	9/24/2018 10:25:37	1	5	60	122	0	0.00	26	0	0.00
6	9/24/2018 10:25:37	1	6	60	113	0	0.00	24	0	0.00
7	9/24/2018 10:26:52	1	7	60	127	4	0.00	25	0	0.00
8	9/24/2018 10:26:52	1	8	60	115	0	0.00	31	0	70.89
9	9/24/2018 10:28:08	1	9	60	130	7	75.32	26	0	0.00
10	9/24/2018 10:28:08	1	10	60	119	0	0.00	36	2	37.81
11	9/24/2018 10:29:45	2	1	60	132	6	51.74	28	0	0.00
12	9/24/2018 10:29:45	2	2	60	164	20	16.63	34	14	47.20
13	9/24/2018 10:31:00	2	3	60	130	0	75.09	33	5	50.01
14	9/24/2018 10:31:00	2	4	60	128	0	220.52	35	4	42.65
15	9/24/2018 10:32:16	2	5	60	129	2	116.12	29	0	0.00
16	9/24/2018 10:32:16	2	6	60	128	0	239.95	29	0	0.00
17	9/24/2018 10:33:31	2	7	60	137	6	33.85	33	3	50.08
18	9/24/2018 10:33:31	2	8	60	133	0	44.02	33	4	50.08
19	9/24/2018 10:34:47	2	9	60	139	6	30.53	35	5	40.87
20	9/24/2018 10:34:47	2	10	60	107	0	0.00	27	0	0.00
21	9/24/2018 10:36:32	3	1	60	118	0	0.00	30	4	100.01
22	9/24/2018 10:36:32	3	2	60	123	0	0.00	35	2	40.84
23	9/24/2018 10:37:48	3	3	60	125	0	0.00	27	0	0.00
24	9/24/2018 10:37:48	3	4	60	133	6	44.01	25	0	0.00
25	9/24/2018 10:39:03	3	5	60	117	0	0.00	25	0	0.00
26	9/24/2018 10:39:03	3	6	60	120	0	0.00	32	0	57.83
27	9/24/2018 10:40:19	3	7	60	116	0	0.00	25	0	0.00
28	9/24/2018 10:40:19	3	8	60	130	2	67.39	28	0	0.00
29	9/24/2018 10:41:34	3	9	60	146	16	23.73	34	2	44.75
blank- 30	9/24/2018 10:41:34	3	10	60	131	2	55.96	29	1	0.00

Original file C:\Users\Public\Documents\Wizard2\000704.csv

NRC FORM 532
(05-2016)

U.S. NUCLEAR REGULATORY COMMISSION

ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

CPT Jasen L. Swanson
Radiation Safety Officer
Department of the Army
Blanchfield Army Community Hospital
650 Joel Drive
Ft. Campbell, Kentucky 42223-5349

Date
December 19, 2018

License Number(s)
16-30845-01

Mail Control Number(s)
610815

Licensing and/or Technical Reviewer or Branch
Medical Branch

This is to acknowledge receipt of your: ☑ **Letter and/or** ☐ **Application** **Dated:** 11/21/2018

The initial processing, which included an administrative review, has been performed.

☑ **Amendment** ☐ **Termination** ☐ **New License** ☐ **Renewal**

☑ **There were no administrative omissions identified during our initial review.**

☐ **This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.**

☐ **Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf**

Follow the instructions on the form for submission.

☐ **The following administrative omissions have been identified:**

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, (610) 337-5239