



January 20, 2021

U.S. NRC Region I
2100 Renaissance Blvd., Suite 100
King of Prussia, PA 19406

RE: License Number: 07-17792-01
Beebe Medical Center

REC RG 1 02 09 21 PM 02 26

To Whom It May Concern:

We are notifying the Nuclear Regulatory Commission of the release of the area previously utilized as the Nuclear Cardiology space at 424 Savannah Rd, Lewes, DE 19958 for unrestricted use. In accordance with the guidelines established by the NRC, dated December, 1975, "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use", we herein submit the final survey of these areas.

If you have any questions regarding this request, please contact the Radiation Safety Officer, Dr. Lisa M. Genovese, at 443-425-5114.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dan Mapes', with a long horizontal flourish extending to the right.

Mr. Dan Mapes
Executive Director, Diagnostic & Satellite Services

Enclosures:

Survey Diagrams
Survey and Wipe Test Results

SURVEY RESULTS

Facility: Beebe Medical Center
Address: 424 Savannah Rd
Lewes, DE 19958

License Number: 07-17792-01

Survey date: 01/19/2021

Radiation exposure levels were monitored with a Ludlum Model 14C survey meter last calibrated on 02/20/20. Areas surveyed and results are indicated on the enclosed diagrams.

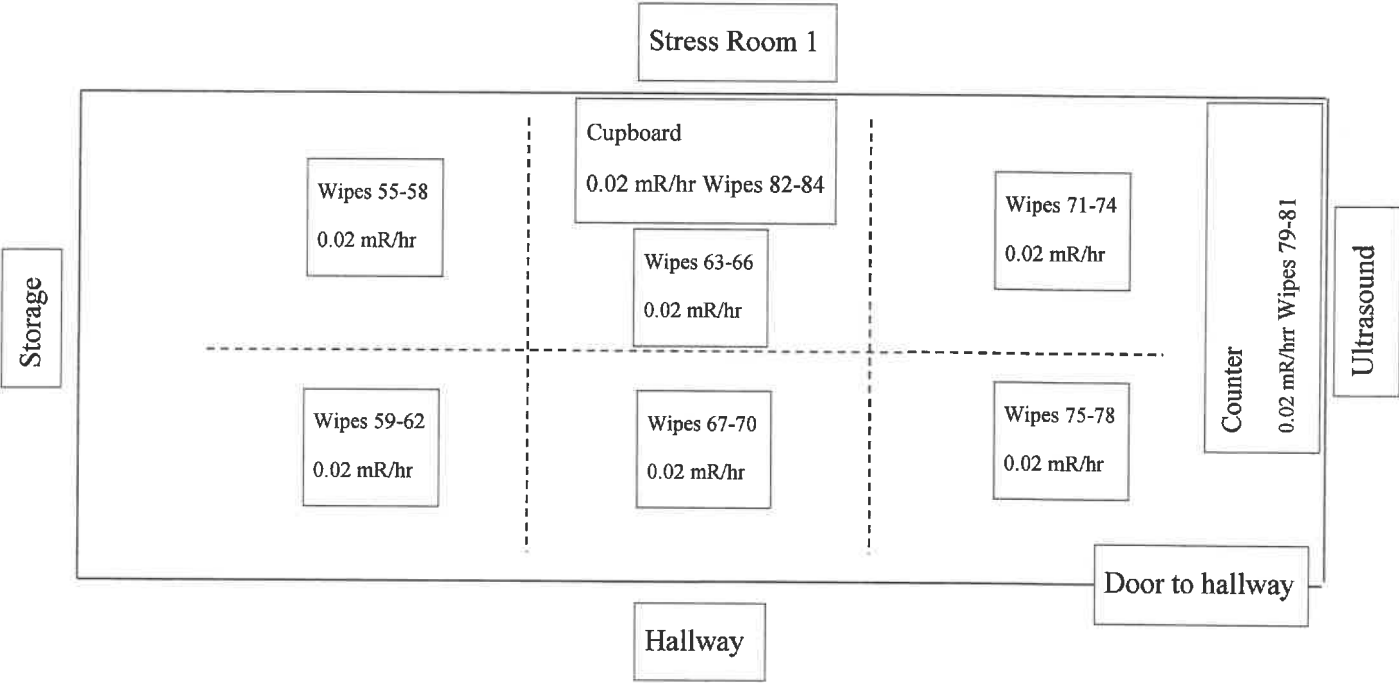
Wipe tests were conducted on 100 cm² areas using absorbent paper moistened with alcohol. Wipe testing and results are indicated on the enclosed diagrams.

Instrument: Capintec Caprac single port well
Detector Efficiency: Cs-137 (662 keV) = 32.9%

All sample results were less than the measured background.
Net Wipe test results were also less than 200 dpm/100 cm².

All sealed sources and signage were removed.

Nuclear Cardiology Hot Lab



SURVEY RESULTS
Nuclear Cardiology Hot Lab

Survey Date: 01/19/21
Instrument: Ludlum Model 14C
Calibration Date: 02/20/20
Background: 0.02 mR/hr

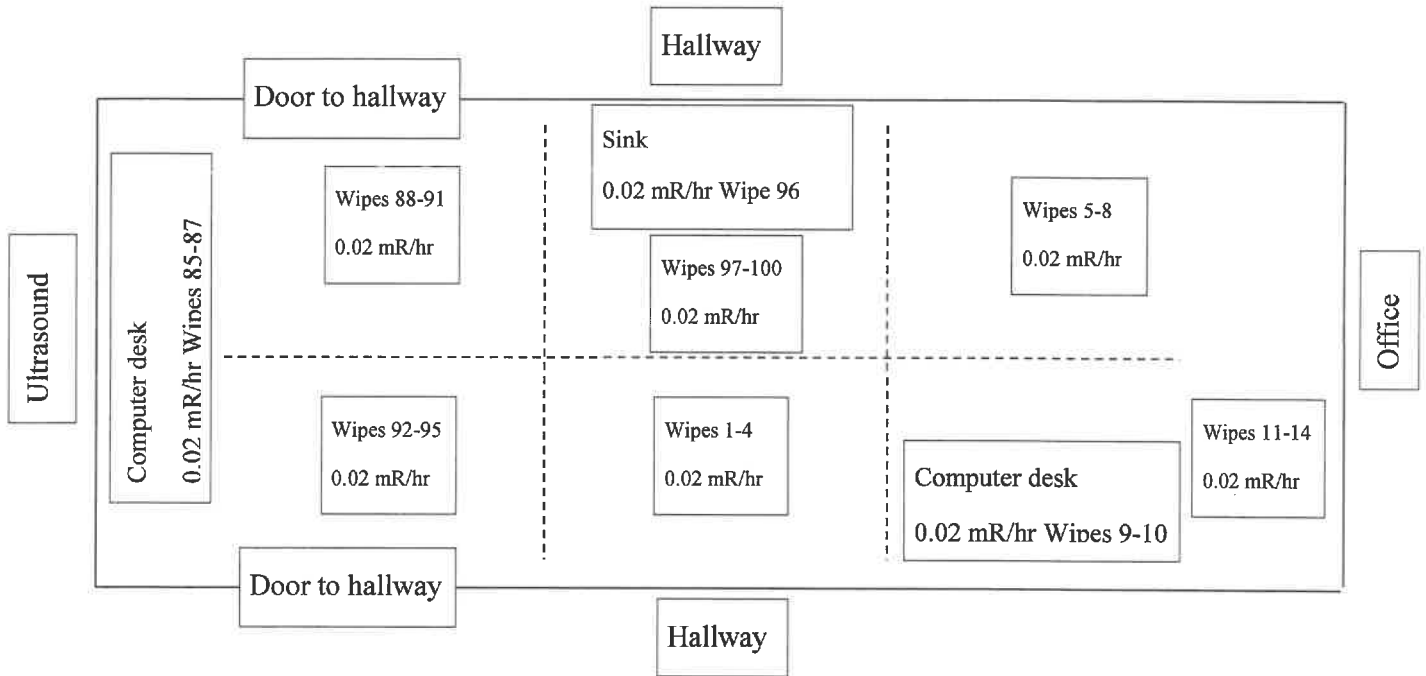
<u>Sample Location</u>	<u>Survey Meter Reading</u>
55 – 58	0.02 mR/hr
59 – 62	0.02 mR/hr
63 – 66	0.02 mR/hr
67 – 70	0.02 mR/hr
71 – 74	0.02 mR/hr
75 – 78	0.02 mR/hr
79 – 81	0.02 mR/hr
82 – 84	0.02 mR/hr

WIPE TEST RESULTS
Nuclear Cardiology Hot Lab

Survey Date: 01/19/2021
Instrument: Capintec Caprac single port well
Detector Efficiency: Cs-137 (662 keV) = 32.9%

<u>Sample Location</u>	<u>Results (Net DPM)</u>
55 – 58	< MDA
59 – 62	< MDA
63 – 66	< MDA
67 – 70	< MDA
71 – 74	< MDA
75 – 78	< MDA
79 – 81	< MDA
82 – 84	< MDA

Nuclear Cardiology Camera Room



SURVEY RESULTS
Nuclear Cardiology Camera Room

Survey Date: 01/19/21
Instrument: Ludlum Model 14C
Calibration Date: 02/20/20
Background: 0.02 mR/hr

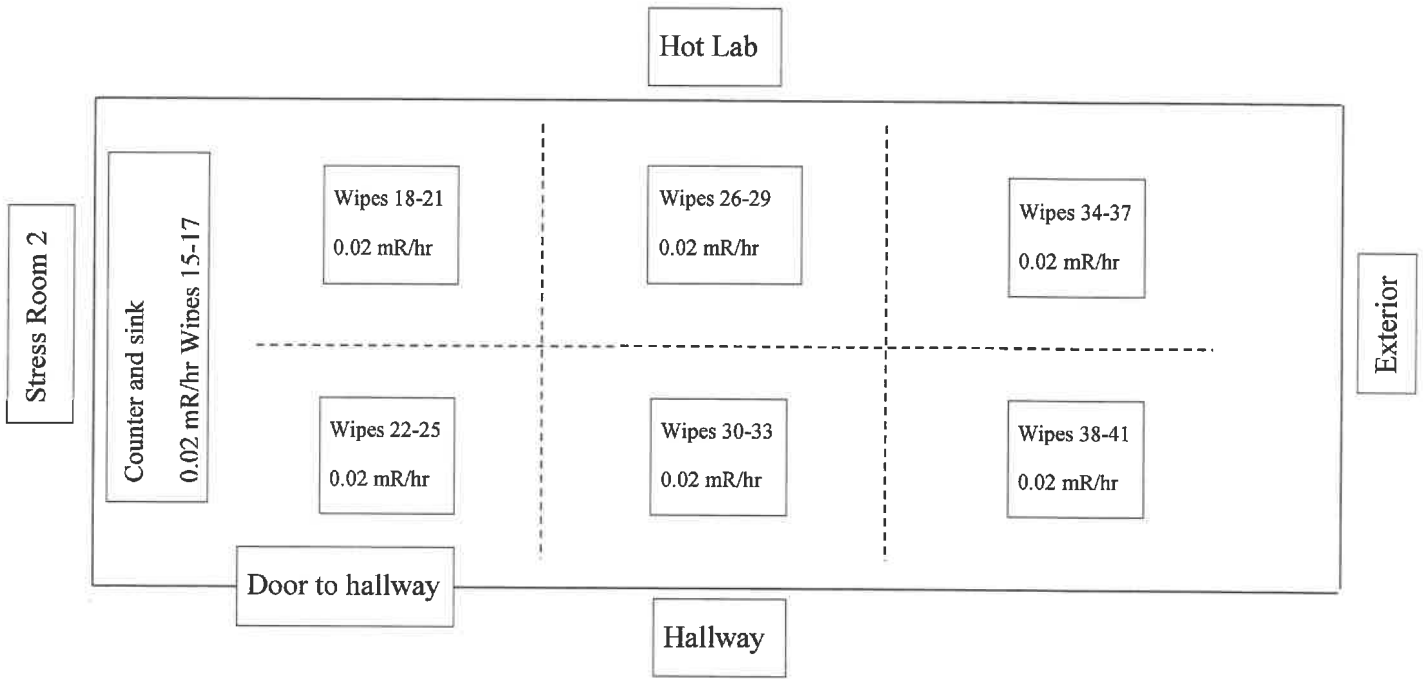
<u>Sample</u> <u>Location</u>	<u>Survey Meter</u> <u>Reading</u>
85 – 87	0.02 mR/hr
88 – 91	0.02 mR/hr
92 – 95	0.02 mR/hr
96	0.02 mR/hr
97 – 100	0.02 mR/hr
1 – 4	0.02 mR/hr
5 – 8	0.02 mR/hr
9 – 10	0.02 mR/hr
11 – 14	0.02 mR/hr

WIPE TEST RESULTS
Nuclear Cardiology Camera Room

Survey Date: 01/19/2021
Instrument: Capintec Caprac single port well
Detector Efficiency: Cs-137 (662 keV) = 32.9%

<u>Sample</u> <u>Location</u>	<u>Results</u> <u>(Net DPM)</u>
85 – 87	< MDA
88 – 91	< MDA
92 – 95	< MDA
96	< MDA
97 – 100	< MDA
1 – 4	< MDA
5 – 8	< MDA
9 – 10	< MDA
11 – 14	< MDA

Nuclear Cardiology Stress Room 1



SURVEY RESULTS
Nuclear Cardiology Stress Room 1

Survey Date: 01/19/21
Instrument: Ludlum Model 14C
Calibration Date: 02/20/20
Background: 0.02 mR/hr

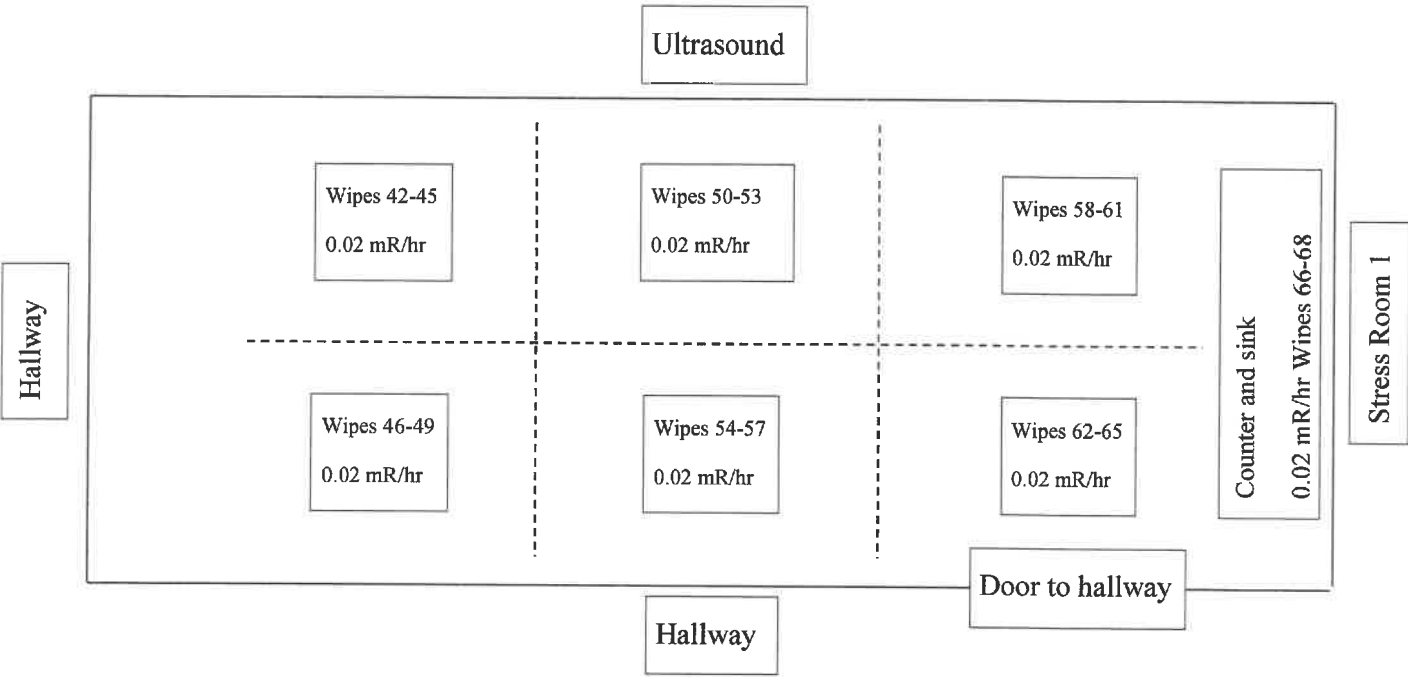
Sample <u>Location</u>	Survey Meter <u>Reading</u>
15 – 17	0.02 mR/hr
18 – 21	0.02 mR/hr
22 – 25	0.02 mR/hr
26 – 29	0.02 mR/hr
30 – 33	0.02 mR/hr
34 – 37	0.02 mR/hr
38 – 41	0.02 mR/hr

WIPE TEST RESULTS
Nuclear Cardiology Stress Room 1

Survey Date: 01/19/2021
Instrument: Capintec Caprac single port well
Detector Efficiency: Cs-137 (662 keV) = 32.9%

Sample <u>Location</u>	Results <u>(Net DPM)</u>
15 – 17	< MDA
18 – 21	< MDA
22 – 25	< MDA
26 – 29	< MDA
30 – 33	< MDA
34 – 37	< MDA
38 – 41	< MDA

Nuclear Cardiology Stress Room 2



SURVEY RESULTS
Nuclear Cardiology Stress Room 2

Survey Date: 01/19/21
Instrument: Ludlum Model 14C
Calibration Date: 02/20/20
Background: 0.02 mR/hr

<u>Sample Location</u>	<u>Survey Meter Reading</u>
42 – 45	0.02 mR/hr
46 – 49	0.02 mR/hr
50 – 53	0.02 mR/hr
54 – 57	0.02 mR/hr
58 – 61	0.02 mR/hr
62 – 65	0.02 mR/hr
66 – 68	0.02 mR/hr

WIPE TEST RESULTS
Nuclear Cardiology Stress Room 2

Survey Date: 01/19/2021
Instrument: Capintec Caprac single port well
Detector Efficiency: Cs-137 (662 keV) = 32.9%

<u>Sample Location</u>	<u>Results (Net DPM)</u>
42 – 45	< MDA
46 – 49	< MDA
50 – 53	< MDA
54 – 57	< MDA
58 – 61	< MDA
62 – 65	< MDA
66 – 68	< MDA

Performed by,



Lisa M. Genovese, DMP, DABR
Diagnostic Medical Physicist
Krueger Gilbert Health Physics