

From: [Rusty Beeler](#)
To: [Hann, Patrick-John](#); [Philip Birt](#)
Subject: [External_Sender] Re: [EXTERNAL] Renewal RAI- License No. 24-05245-01
Date: Thursday, July 15, 2021 9:17:37 AM
Attachments: [SP0166RAD0121071506520.pdf](#)
[SP0166RAD0121071506530.pdf](#)

I got your email. Here is your information.

1. Rane C. Bryaton is the CEO of Northeast Regional Medical Center.
2. Co-57 from physicist Quarterly review.
Co-57 Vial ID#S206090-002 Calibration Date: 01/22/1996 Calibration activity 5500uCi
Co-57 Marker ID#LL072 Calibration Date: 07/01/1997 Calibration Activity 100uCi
Co-57 Line Marker ID#565-86-2 Calibration Date: 07/01/1997 Calibration activity 440uCi
Co-57 Vial BM06057E173353124 Calibration date: 12/21/2017 Calibration activity 5700uCi
Co-57 Sheet source BM01L1019161104 Calibration date: 07/10/2019 Calibration Activity 10000uCi
3. Gd-153 Line Source for CardioMD camera. Eckert & Ziegler 2 sources
ID#K3-159/160 Calibration Date 04/01/2013 Calibration activity 240000uCi according to physicist current activity is 42uCi for each source.
4. Yes all listed isotopes are for diagnostic purposes only
5. Yes we intend to use Tc-99m
6. Our current procedures allow only up to 30mCi I-131 for therapeutic use according regulations they can be released after they are given the isotope. This is something we are looking at getting removed from the license. Our last thyroid ablation was in 2011. I was waiting to get the license then make any amendments needed.
7. We do not have PET imaging or intend to use PET materials.
8. We wish to continue to be authorized to use these materials under our current license.
9. Authorized User will be Dr. Jonas Singer 10 CFR 100 and 35.200. Dr. Paul Williams and Dr. Larry Nussbaum can be removed.
10. Room diagram attached.
11. Dosimetry devices are evaluated by Mirion Technologies.
12. Survey meters are calibrated annually by Mid-America Calibrations, Inc. 808 SW Nautica Court, Lee's Summit, MO 64082. 816-537-4147.
13.
 1. Make Ludlum Model 14c probe pgm
 2. Make Biodex Model 14c probe ewgm
14. AtomLab 400 used to do a daily channel limits check and quarterly accuracy calibration.

15. We have policies in place for contact information posted for spills.
16. All of the items mentioned are currently being monitored.
17. Sealed source leak tests are performed by our physicist and reported in our inspection findings.
18. Area surveys are kept in the log in the Nuclear Medicine hot lab.
19. Attached is a copy of RAM waste which is surveyed and documented before disposal.

If you have questions my direct number is 660-785-1610 if no answer you can call 660-785-1000 and have me paged. I am scheduled until 2:30 daily. I am also cc the Director of Radiology Philip Birt.

Thanks

Rusty

On Mon, Jul 12, 2021 at 11:49 AM Hann, Patrick-John <Patrick-John.Hann@nrc.gov> wrote:

License No. 24-05245-01

Docket No. 03002332

Mail Control No. 624953

Mr. Beeler,

Please find attached the request for additional information regarding your license renewal application February 8, 2021 and March 24, 2021. Please review the attached and I would like to schedule a meeting with you this week to discuss this in more detail. Please let me know a date and time that works for you.

Truly,

Patrick-John E. Hann, MHP

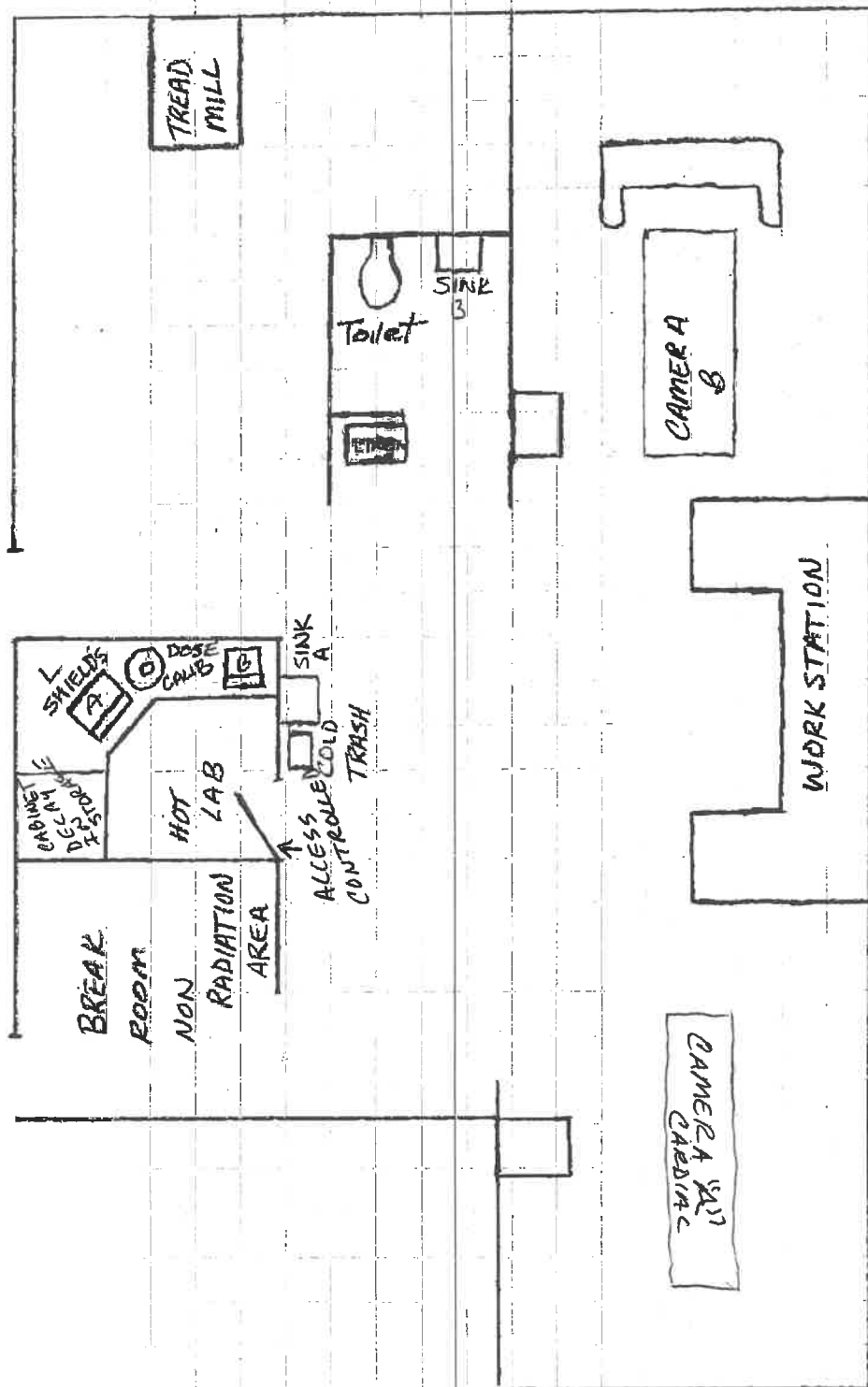
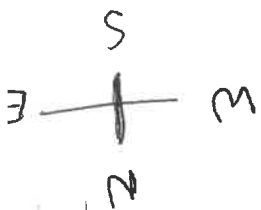
Health Physicist

U.S. Nuclear Regulatory Commission

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Rusty Beeler, RT(R) | Lead Nuclear Medicine Technologist and Radiation Safety Officer | Northeast
Regional Medical Center | 315 S. Osteopathy| Kirksville, MO 63501 |PH: 660-785-1610|Fax: 660-785-
1356 <http://www.nermc.com>



Decay In Storage Log

Location of Stored Material:

Survey Meter Used: Ludlem 14C SN 129002

[illegible]

All by-product material must be stored more than 10 half lives
Material may be disposed of after 10 half lives only if there is no
detectable radiation at the container surface.