

From: [Gryglak, Magdalena](#)
To: ["Howard.Salmon@franciscanalliance.org"](mailto:Howard.Salmon@franciscanalliance.org)
Subject: Request to change HDR location and to release an area for unrestricted use, NRC license no. 13-02128-03 for Franciscan Health: Indianapolis, Mooresville, and Carmel
Date: Wednesday, October 6, 2021 5:21:00 PM

Good afternoon Dr. Salmon,

I have reviewed your request dated 8/6/21 to relocate a High Dose Rate (HDR) remote afterloader unit to a new area of use and to release a gamma camera room for unrestricted use.

In a signed and dated letter, please provide the following:

A. New HDR location of use:

1. Please resubmit the HDR facility diagram, Vault 01421, (the diagram submitted in your 8/6/21 letter was faxed and some details are not legible). Specifically, illustrate the following:

- the vault boundaries/walls;
- the adjacent areas/rooms as described in your 8/6/21 letter;
- the object that is supposed to be locked (there is a label "lock" with an arrow pointing to an object, however, the diagram is blank);
- label the storage area/closet for the HDR within the vault, if applicable;
- illustrate the "single high energy maze" (there is a description with an arrow pointing; however, the diagram is blank);
- indicate whether the vault and all the adjacent area/rooms are restricted or unrestricted in accordance with 10 CFR 20.1003.

2. Describe the process/method of securing the HDR room keys, HDR unit, the HDR unit keys, and the HDR console keys from unauthorized use when the HDR unit is in storage or unattended.

Describe the location of keys and personnel with access to the HDR unit and the keys.

3. Describe warning systems and restricted area controls (e.g. locks, signs, warning lights, and alarms) available in Vault 01421.
4. Confirm that the HDR vault 01421 is equipped with a viewing and intercom/communication systems.
5. Please describe the emergency equipment available in Vault 01421.

B. Gamma camera room to be released for unrestricted use:

1. Specify the room number where the camera was located in.
2. Specify the radioactive material that was used in the room (radioisotopes used and category such as 10 CFR 35.200, amounts, and the date when material was last used).
3. Clarify the nature of the sealed sources that were used in the room described as "RAM Sealed Source Storage" (i.e. were the sealed sources used in the nuclear camera room under 10 CFR 35.65) and their final disposition (moved to a different location on the license, shipped back to the manufacturer, etc.).
4. Provide the list of sealed sources used and leak test results before the sources were moved/shipped, if applicable (if the sources were not used in accordance with 10 CFR 35.65). Provide sealed source receipt acknowledgement, if applicable.
5. Clarify the calibration date for the survey instrument (11/9/21 is a future date).
6. Resubmit the gamma camera room diagram and label survey points a. through f.

Please provide your response by October 20, 2021.

Please acknowledge receipt of my email and let me know if you have any questions.

Thank you

Magdalena R. Gryglak
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