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Cc: ["Pmas@harthosp.org"](mailto:Pmas@harthosp.org)
Subject: NRC Request for Information for MidState Medical Center Renewal- Mail Control Number 579230
Date: Tuesday, February 12, 2013 3:16:00 PM

Licensee: MidState Medical Center
License Number: 06-05686-02
Docket Number: 030-01257
Mail Control Number: 579230

Dear Ms. Noble,

Could you please reply back to this email to confirm receipt?

This is in reference to your license renewal application dated October 5 and December 10, 2012, requesting to renew Nuclear Regulatory Commission License No. 06-05686-02.

In order to continue our review, we need the following additional information:

1. Please provide a copy of the disposal record and the final leak test for the Strontium-90 eye applicator source.
2. Please confirm that you wish the removal of Lucille Soldano, M.D. and Christopher D. James, M.S. from your license.
3. In your renewal application, you indicated you have two survey meters and one well counter. Please confirm if you have any additional radiation monitoring instrumentation for your Radiation Oncology Department (HDR and manual brachytherapy), your PET/CT Department, and your Wallingford Nuclear Medicine location. Please include the quantity, the manufacturer, and the model numbers of any additional equipment and their probes.
4. Please confirm the following statement: "We reserve the right to upgrade our survey instruments as necessary as long as they are adequate to measure the type and level of radiation for which they are used."
5. Please confirm what rooms are considered to be a restricted or unrestricted area as defined in 10 CFR 20.1003.
6. Please provide facility diagrams of the shielded rooms where therapy patients (under 10 CFR 35.300 and 35.400) will be housed if they cannot be released under 10 CFR 35.75, including areas above, beside, and below. Alternately, you may confirm that you will only treat patients who are releasable pursuant to 35.75.
7. Please provide a list of any specialty shielding equipment (i.e., lead dose calibrator rings, PET syringe shields, etc. that are specific to 511 keV) in your PET facility.
8. In regards to your PET/CT facilities, please provide a general description of shielding installed for the hot lab, quiet room, and scan room. Alternately, you may

confirm that there have been no changes to the diagram and shielding description submitted with your June 21, 2010 and August 31, 2010 letters.

9. In email correspondence from Peter Mas on August 19, 2010, he stated that the ceiling above the PET patient injection/resting room was approximately four inches of concrete on a steel pan. He also stated that no shielding was required in the PET floor because it was built on slab and nothing was located underneath. Please confirm that these statements are still applicable.
10. Please provide, either by facility diagram or by general description, documentation of what areas are located above and below all of your licensed areas of use (i.e., nuclear medicine, PET/CT, HDR suite with hot lab, decay in storage room, Wallingford location).
11. Please confirm if there is any shielding installed in the walls, ceiling, or floor of the Nuclear Medicine Departments at the Meriden and Wallingford locations.
12. With regards to your HDR facility, please confirm that all diagrams, shielding, equipment, and procedures committed to in your letters dated April 6, 2011 and June 17, 2011 are still applicable.
13. Please describe the emergency response equipment available for manual brachytherapy (e.g., lead container, long-handled forceps, etc.).
14. Please confirm that the HDR hot lab is also the hot lab for manual brachytherapy.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits, see our toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

You may respond to my attention in writing by letter, email (if letter is scanned into a pdf format), or fax (610-337-5269), referencing mail control number 579230.

If we do not receive a reply from you within 30 days, we will assume that you do not wish to pursue your amendment. Please feel free to contact me with any questions you may have.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement is not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

Thank you in advance for your help.

Jan Nguyen

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