

**From:** Randolph Ragland  
**To:** Tfetter@kruegergilbert.com  
**Date:** Fri, Jan 7, 2005 1:05 PM  
**Subject:** Sibley License Renewal 1/7/05 RAI

Ms. Susan F. Krueger-Schmidt,

During NRC management review of this licensing action, we determine that we needed additional information.

With regard to emergency procedures for the HDR,

- 1) Please provide a copy of the emergency procedure that is posted at the console, which includes names and space for phone numbers for individuals.
- 2) Confirm that the Authorized User, the Authorized Medical Physicist, and the Radiation Safety Officer will be notified prior to the operator implementing emergency procedures.
- 3) Please clarify emergency procedures for the RSO steps 1 & 2: For example, should step 2 read, "In the event the source cannot be placed in a shielded condition, exit the room and lock and secure the door"....

With regard to Spot Checks, the procedures you submitted described what spot checks will be performed. Please provide specific step-by-step procedures regarding how the following is verified and what acceptance criteria is used:

- + Electrical Interlocks (e.g., send source out, push open door, and verify that interlock causes source to retract)
- + Source exposure indicator lights
- + Audible and visual system
- + Presence, availability, and identification of emergency response equipment
- + Radiation Monitors
- + Timer accuracy evaluation
- + Clock (date and time) in units computer
- + Decayed source activity in units computer

With regard to facilities, please provide

- 1) A description of the shielding material and thicknesses for the Brachytherapy storage room (Room 1035) used for storage of I-125 seeds and the HDR source.
- 2) A diagram and a description of shielding for any areas where patients will be housed after therapy involving radiopharmacy and brachytherapy IAW 10 CFR 35.75, or confirm that you will perform outpatient therapies only.

With regard to the I-125 sources permitted by 10 CFR 35.400, please provide the source manufacturer and model number.

With regard to your January 4, 2005 submittal, please confirm that Drs. Paley, Newman, Drummond, Muskie, Johnson, and Hwang do not require authorization for 10 CFR 35.300 procedures.

We respectfully request this information be forwarded by January 11, 2005.

As you previously did, please fax this information to me at:

610-337-5269

Licensing Assistant Section  
Division of Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19426

RE: Mail Control No. 13534  
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NRC License 08-07398-03  
Radioactive Materials License Renewal (Additional Information)  
Sibley Memorial Hospital

Regards,

Randolph C. Ragland, Jr.  
610-337-5083  
610-310-7799 (cell)

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