

JUL 25 1985

Decatur Memorial Hospital
ATTN: John Wallace
Radiation Safety Officer
2300 North Edward Street
Decatur, IL 62526

Gentlemen:

Enclosed is Amendment No. 34 to your NRC License No. 12-03332-02 in accordance with your request.

Regarding your request to utilize pocket dosimeters for monitoring nursing staff personnel who care for patients treated with iridium-192 wire, please be advised that we have very little information on your use of these devices. We understand that the nursing staff uses pocket dosimeters routinely when caring for patients treated with Group VI sealed sources, however we still need the following information:

1. The range of the dosimeters' scale readings.
2. Calibration procedures including the frequency of calibrations.
3. Procedures for determining the rate of charge leakage.
4. A description of the instructions provided to the nursing staff on reading, recharging and performing operational checks on the dosimeters and on documenting radiation exposure readings. (A copy of your exposure log would be helpful).

The following documents may be of interest to you and may aid you in responding to the above:

ANSI N13.5-1972 "Performance Specification for Direct Reading and Indirect Reading Pocket Dosimeters for X and Gamma Radiation"

ANSI N322-1977 "Inspection and Test Specifications for Direct and Indirect Reading Quartz-Fiber Pocket Dosimeters"

Health Physics Society Journal, Volume 49, No. 1, July 1985, "Optimizing the Performance of Direct Reading Dosimeters"

When responding to the above, please indicate on your submittal the following statement "This Is Additional Information, Not A New Amendment Request".

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REG3 LIC30
12-03332-02 PDR

Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address.
5. Request and obtain appropriate amendment if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. Any amendment request should be accompanied by the appropriate fee specified in 10 CFR Part 170.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material prior to your expiration date.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions and representations in your license application will result in enforcement action against you in accordance with the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

If you have any questions or require clarification of any of the above stated information, contact us at (312) 790-5625.

Sincerely,
Original Signed By
B.J. Holt
Materials Licensing Section

Enclosure(s): Amendment No. 34
RIII

Holt/cm
07/23/85