

DEC 14 1987

Oaklawn Hospital
ATTN: Ronald Walton
200 N. Madison Street
Marshall, WI 49068

Gentlemen:

Enclosed is Amendment No. 03 renewing your NRC License No. 21-17068-01 in accordance with your request.

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.

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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
Kevin G. Null
Materials Licensing Section

Enclosure: Amendment No. 03

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Null/pd
12/15/87

K.N.

DRAFT

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Elyn, Illinois 60137

Control No. 83928

Re: License No. 21-17068-01
Oaklawn Hospital
Renewal Application

Dear Sirs;

The following is in response to your letter of October 22, 1987 concerning Oaklawn Hospital's license renewal application. Responses are in sequence with the items addressed in your October 22nd letter.

1. A representative of our nursing service, Ms. Pat Devera R. has been added to the Oaklawn Hospital Medical Isotope Committee. Mr. Robert Covert, Oaklawn Hospital Administrator is already on the Committee and he is representative of management.

2. A Personnel Training Program will be conducted at least annually and items covered will include those referenced in Appendix A of the revised NRC Regulatory Guide 10.8. The person conducting the training will be Mr. Warren Malchman, Director, Office of Radiation, Chemical & Biological Safety and Radiation Safety Officer at Michigan State University (NRC License No. 21-00021-29).

3. A more detailed diagram of Oaklawn Hospital's nuclear medicine facility is included as Supplement A.

4. The consultant is Mr. Warren Malchman, Director Office of Radiation, Chemical & Biological Safety and Radiation Safety Officer at Michigan State University, C-124 Engineering Research Building, E. Lansing, Michigan 48824. Mr. Malchman is authorized under Michigan State University License No. 21-00021-29, General Foods Corporation NRC License No. 21-09169-02, St. Lawrence Hospital NRC License No. 21-09169-01 and Holland Community Hospital NRC License No. 21-18502-01. Calibration Source - Cesium-137 161 mCi Model 773 Source No. S-481 Tech/Ops. Source outputs traceable to National Bureau of Standards calibrations with an uncertainty of less than 2%.

5. The following dose calibrator sources are in the possession of Oaklawn Hospital. Daily constancy checks will be performed with one of the Cs-137 sources referenced below in accordance with Appendix C of the revised NRC Regulatory Guide 10.8.

a. Cs-137, 250uCi, May 1, 1981
Amersham Code CDR 562
Model No. 3113MA

b. Cs-137, 203uCi, October 4, 1976
NENC, E-vial, Cat# NES-352
Serial 231.234.18

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REGION III

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c. Ba-133, 250uCi, March '81
Amersham Model 2083MA
Code No. BDR-562

d. Co-57, 5.0 mCi, September 1, 1987
Amersham Model 7370 MA
Code No. CTR 568

e. Co-57, 6479 uCi, February 1, 1985
Amersham, Model 6383 MA
Code No. CTR 568

f. Co-57, 6.408 mCi, June 1, 1981
Amersham Model CTLVI

6. Sealed source leak tests will be performed by the consultant, Mr. Warren Malchman. Procedures and record keeping will be in accordance with Appendix H of the revised NRC regulatory Guide 10.8.

7. Procedures for keeping dose records will be in accordance with Appendix M.1 and M.2 of the revised NRC Regulatory Guide 10.8.

8. Not applicable as the licensee receives prepared radiopharmaceuticals from a distributor.

9. The current portable survey meter (Picker Model 655-186 with a side window GM tube of 30mg/cm² thickness) will be supplemented with a "pancake" GM detector of 1.4 mg/cm² thickness. (NRC Regulatory Guide 10.8 Item 9, Revision 1, October 1980, references a low level survey meter with a thin window of about 2/mg/cm². The pancake GM detector has an average background of approximately 50 cpm.

If any additional information is needed, please advise.

Sincerely,

xxx

Corridor

Not to Scale



Corridor