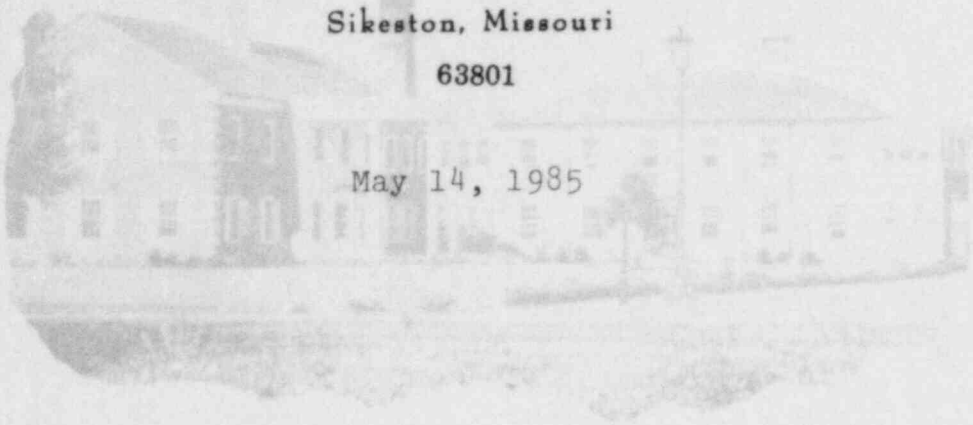
Missouri Delta Community Hospital

Sikeston, Missouri

63801



May 14, 1985

Evelyn R. Matson
Material License Section
Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Elleyn, Ill. 60137

Re: License No. 24-12876-02 -- Refer to Control No.77632

Dear Ms. Matson:

I am sorry for the slight delay in getting this letter to you. We have been busy with vacation schedules, etc.

In answer to your letter of April 9th, 1985 regarding the above license. Please accept and receive page 3. I do not know why we failed to submit this in the original application. Regarding your item number 2 and the use of phosphorus-32. It will be perfectly all right for me to exclude group 4 procedures from the license. We only have a request for P-32 about once every 5 to 10 years and they could be sent 30 miles away to get the P-32.

With regards to our reference standards. We have a reference standard of Cesium-137 of 200 UCi. with an accuracy of + or - 4.3%. We have a Cobalt-57 standard whose source is 5.2 Mci. and the calibration accuracy of that is + or - 3.9%. We have a Barium-133 standard of 247 Uci. with accurance of + or - 3.3%.

With regards to the liquid use of I-131. We never use liquid I-131. We use only the capsule form. We do not and will not, and do not wish to have liquid I-131 on the license.

With regards to the flow rates for the room with Xenon-133. I thought that the material was presented in the original license, but we have had the flow rates checked recently on two occasions. The ventilation has measured by the velometer was 600 feet per minute into the room and 750 feet per minute outside of the room. The exhaust in both the hot lab and in the room where the Xenon-133 gas is used is under negative pressure and both rooms are vented to the outside.

RECEIVED
MAY 16 1985
REGION III

Cordially,

Robert S. Colbert

Robert S. Colbert, M.D.
Radiologist

MAY 17 1985

RSC/pg

24. PERSONNEL MONITORING DEVICES

TYPE (Check appropriate box)			SUPPLIER	EXCHANGE FREQUENCY
a. WHOLE BODY	X	FILM	R. S. Landauer, Jr. & Co.	Monthly
		TLD		
		OTHER (Specify)		
b. FINGER	X	FILM	R.S. Landauer, Jr. & Co.	Monthly
		TLD		
		OTHER (Specify)		
c. WRIST		FILM		
		TLD		
		OTHER (Specify)		

d. OTHER (Specify)

25. FOR PRIVATE PRACTICE APPLICANTS ONLY

a. HOSPITAL AGREEING TO ACCEPT PATIENTS CONTAINING RADIOACTIVE MATERIAL

NAME OF HOSPITAL

MAILING ADDRESS

CITY | STATE | ZIP CODE

b. ATTACH A COPY OF THE AGREEMENT LETTER SIGNED BY THE HOSPITAL ADMINISTRATOR.

c. WHEN REQUESTING THERAPY PROCEDURES, ATTACH A COPY OF RADIATION SAFETY PRECAUTIONS TO BE TAKEN AND LIST AVAILABLE RADIATION DETECTION INSTRUMENTS.

26. CERTIFICATE

(This item must be completed by applicant)

The applicant and any official executing this certificate on behalf of the applicant named in Item 1a certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 35, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

a. LICENSE FEE REQUIRED *(See Section 170.31, 10 CFR 170)*

(1) LICENSE FEE CATEGORY: Renewal

(2) LICENSE FEE ENCLOSED: $ Sent with original application.

b. APPLICANT OR CERTIFYING OFFICIAL *(Signature)* Harold L. Jones

(1) NAME *(Type or Print)* Harold L. Jones

(2) TITLE Administrator

c. DATE 5-14-85

NRC FORM 313M (9-81)

PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313M. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).

2. **PRINCIPAL PURPOSE(S)** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30-36 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.

3. **ROUTINE USES** The information may be used: (a) to provide records to State health departments for their information and use; and (b) to provide information to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for a NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you. A copy of the license issued will routinely be placed in the NRC's Public Document Room, 1717 H Street, N.W., Washington, D.C.

4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed.

5. **SYSTEM MANAGER(S) AND ADDRESS** Director, Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.