

COMMUNITY HOSPITAL OF ANDERSON

Madison County
1515 North Madison Avenue
Anderson, Indiana 46012

July 1, 1985

U. S. Nuclear Regulatory Commission
Radioisotopes Licensing Section
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Amendment to NRC Radioactive Materials License #13-10205-01

Gentlemen:

We request amendment to our NRC Radioactive Materials License #13-10205-01 for the following:

Designate: Andrew Marciniak, M.D. as alternate Radiation Safety Officer.

Indicate: R. S. Landauer as the current film badge supplier replacing Siemens.

Add: Long term storage area to this license. The attached facility sketch shows the location of the storage area.

Add: The following instruments: One (1) Ludlum, Model 3 survey meter; One (1) Texas Nuclear survey meter; One (1) Nuclear Chicago survey meter; and One (1) Capintec CRC 7 Dose Calibrator. (See attached.) Calibration of these instruments will be performed as stated on the attached sheet.

We trust the information contained herein is sufficient to grant our request for amendment and look forward to receiving that document.

Our check in the amount of \$120 is enclosed to cover the amendment processing fee.

Sincerely,

Stephen L. Abbott
Stephen L. Abbott
President

:amw

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REG3 LIC30
13-10205-01 PDR

July -20 -ILL

Applicant	063156
Check No.	7C A120
Amount/Fee	Amnd.
Date	7/30/85
By	<i>jacques/cap</i>

U.S. NRC
FEE MGMT. GRANT

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REGION III

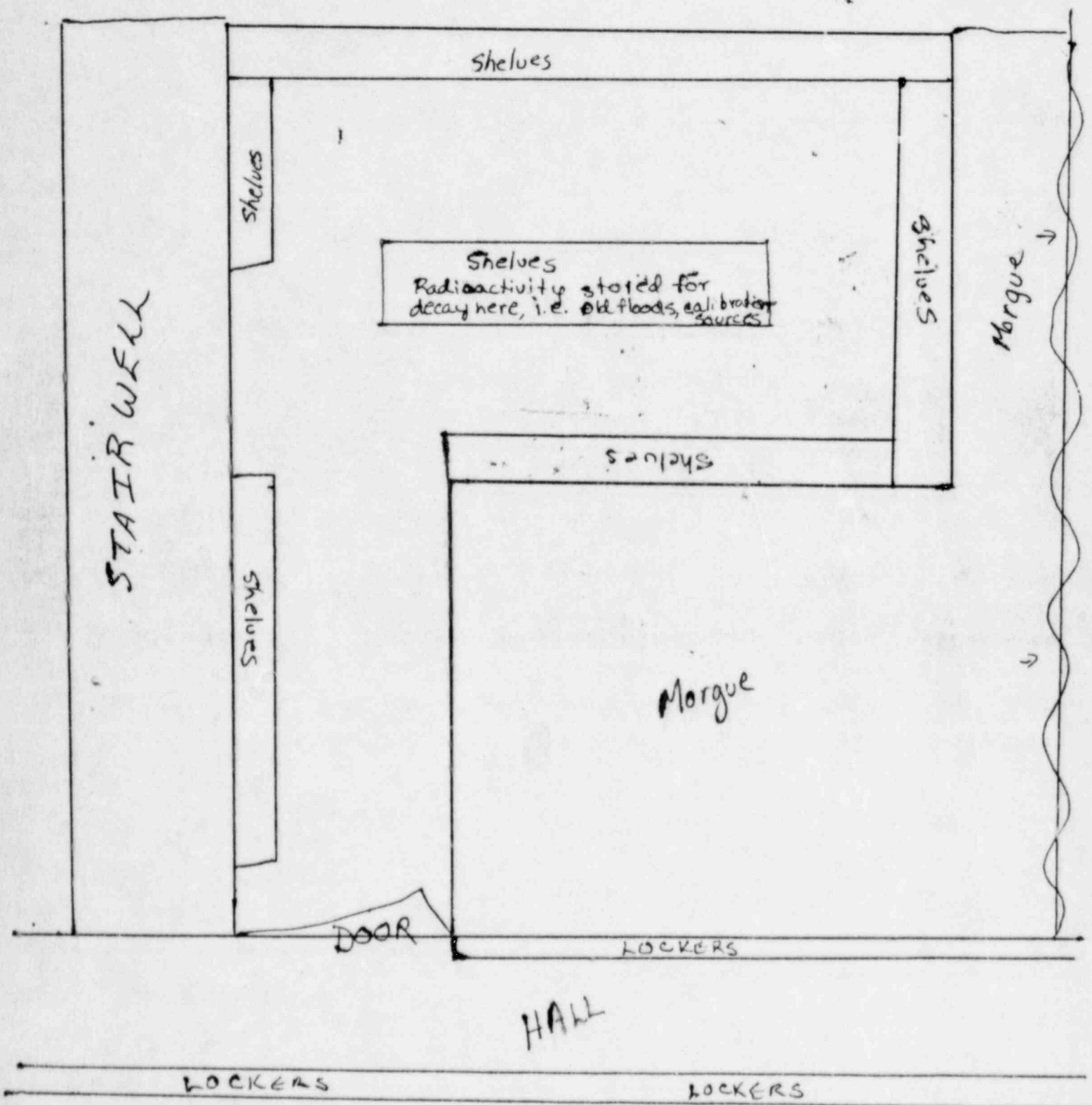
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CONTROL NO. 7 935 8

*Ben
Penbl*

STORE ROOM DIAGRAM

Ground under Emergency Ramp



Ref: NRC 313M - Item 9

Instrumentation

a. Survey meter(s)

One (1) Ludlum Model 3
Ranges: 0-.2; 0-200

One (1) Texas Nuclear Log Series
Range 0-2000

One (1) Nuclear Chicago Model 2510
Ranges 0-25, 0-2500

b. Dose Calibrator

One (1) Capintec CRC-7 dose calibrator

CALIBRATION OF INSTRUMENTS

a). Survey Meter:

The survey meters will be calibrated at least annually, and after repairs, by any firm that is approved by the NRC for such calibrations. Instruments will be calibrated on at least two points on each scale range. Currently, our calibration service firm is Stan A. Huber Consultants, Inc., of New Lenox, Illinois, whose radiation sources and procedures are on file with the NRC under license #12-17503-01.

The licensee shall perform operational constancy checks on survey instruments before each day's use to ensure proper functioning of the devices. For any infrequently used meters, these reference source operational checks shall be taken at least quarterly, per NRC Regulatory Guide 10.8 (October 1980) Appendix D, Section 1, Item B.

b). Dose Calibrators:

We shall follow the calibration methods and frequencies for dose calibrators as defined in NRC Regulatory Guide 10.8, dated October 1980, Appendix D, Section 2, "Methods for Calibration of Dose Calibrator".

For the linearity test, we will use a vial of Tc99m whose activity is equivalent to the maximum anticipated activity to be assayed. For the accuracy test, Stan A. Huber Consultants, Inc., of New Lenox, Illinois, or other licensed calibration firms, will use the following sources under the authority of their NRC license:

Model NES-356, 200 microcuries of Cs-137 (high energy)

Model NES-352, 1 millicurie of Co-57 (low energy)

Model NES-358, 250 microcuries of Ba-133 (medium energy)

We use a NEN Model NES-356 Cs-137 standard, 200 microcuries, for our day-of-use dose calibrator constancy checks. Records of all tests and checks will be maintained.

We request use of the "Calicheck" (CaliCorp) system or "Lineator" system (Atomic Products) as an alternate method of performing dose calibrator quarterly linearity checks. The product certifications for those devices are on file with the NRC.

Leak Testing of Sealed Sources

Leak testing of sealed sources will be performed on a semi-annual frequency. We will use the leak test services of Stan A. Huber Consultants, Inc. New Lenox, Illinois (NRC License #12-17503-01), using their Model LT-2 Leak Test Kit for sealed sources, or other firm specifically authorized by the U.S. Nuclear Regulatory Commission to perform these tests.