

DUNCAN

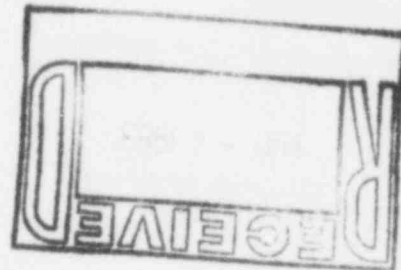
REGIONAL HOSPITAL

May 2, 1983

Certified Mail -
Return Receipt Requested!

USNRC Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

Subject: License 35-17756-01



Gentlemen:

This is in response to your letter dated April 14, 1983.

1a Radioisotope Committee meetings are conducted quarterly; however, documentation was not maintained regularly. Since the beginning of 1982, our committee has adopted the use of the hospital's medical staff secretary, who attends all committee meetings and records all the minutes. Since we have started this program, we have centralized the problem of documentation and will be in full compliance with our license.

1b Contamination wipe tests have not been performed weekly because the hospital did not have a gamma well counter to count the wipes. A daily survey is done with a Geiger-Mueller tube for contamination check. Duncan Regional Hospital now has a gamma well counter, and weekly wipes are being performed, as of April 1, 1983.

1c The nuclear medicine technologist was not aware of the letter dated July 21, 1978. Subsequently, he only performed linearity checks on the dose calibrator biannually, as requested by the consulting nuclear physicist. We were not able to verify the tests because all information was forwarded to the nuclear physicist. The physicist states, "she sends a report back to the hospital administrator"; however, we were unable to find the reports of the linearity checks. We have solved this problem by having the nuclear medicine technologist do linearity checks quarterly, forward the information to the nuclear physicist, and have the physicist send the report back to the Nuclear Medicine Department, rather than the administrative offices.

2. Between August and December 1980, the hospital was using a "loaner" dose calibrator because the hospital's was in the shop. The repair company sent us the only loaner that they had available. However, it was not capable of doing a molybdenum-99 breakthrough test. In the future, we will either take steps to acquire an appropriate dose calibrator or close the Nuclear Medicine Department until we can.

8305120431 830510
NMS LIC30
37-17756-01 PDR

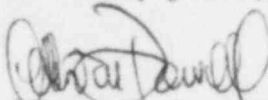
May 2, 1983

Page 2

3. The reason there are not any leak test records for the 198 microcurie cesium-137 source and the 243 microcurie barium-133 source is that we did not receive them until June 1, 1982. However, we do have documentation of wipes performed by our consulting physicist on November 17, 1982, attached.

Many of the violations are due to poor record-keeping. We have reorganized our documentation system. This will solve several areas of non-compliance. Full compliance will be achieved as of May 1, 1983.

Sincerely yours,



Albert M. Donnell
Executive Administrator

dw

Attachment

Hospital _____

Hosp. Reg. No. or Permit No. _____

RECORD OF DACA DRUGS ADMINISTERED

Floor _____ Ward _____ Department _____ Month of _____ 19 _____

Date	Time	Name of Patient	Rm. No.	Physician	DACA DRUG NAME	Dosage	Strength	Form	Quantity Administered by	Remarks
------	------	-----------------	---------	-----------	----------------	--------	----------	------	--------------------------	---------

Calibration Sources

Wipe Tests for leakage

- | | | | | | | | | | | |
|----|--|-------|--|---------|-----------------|-----|--|----------------|--|--|
| #1 | | 57Co | | 5.0 mCi | @ 26 April 1982 | NEA | | SN 2060082B-10 | | |
| #2 | | 133Ba | | 243 uCi | @ 8 Feb 1982 | NEA | | SN 3550282A-34 | | |
| #3 | | 137Cs | | 148 uCi | @ 29 Mar 1982 | NEA | | SN 3560382A-34 | | |

17 Nov 1982, wipes of these sources performed - via activity 4010

I attest that this is an exact copy of documentation of Calibration Sources. 17 Nov 1982

Carl W. Adams
BSR

NOTARY PUBLIC

Lloyd L. Winton

MY COMMISSION EXPIRES 8-25-83

State of Oklahoma County of Stephens