

Boone Hospital Center

1600 E. Broadway • Columbia, Missouri 65201 • Phone 314-875-4545

October 11, 1982

Mr. D. G. Wiedeman
Chief, Materials Radiation Protection
USNRC, Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

RE: License No. 24-01565-01
License No. 24-01565-02

Dear Sir:

This letter is in response to your NOTICE OF VIOLATION of October 5, 1982. The two items of noncompliance will be addressed under the appropriate license number.

License No. 24-01565-01:

We are aware of the requirement that the dose calibrator linearity be checked at least quarterly. In fact, we have a "schedule-of-events" calendar posted in Nuclear Medicine as a reminder of critical dates! Nevertheless, we do seem to miss them.

I have asked our Radiation Safety Officer to provide me with written assurance that we are complying with the two quarterly required events (i.e. dose calibrator linearity check and Radiation Safety Committee meeting).

I am confident that this action will put us into full compliance effective immediately.

License No. 24-01565-02:

This item of noncompliance has to do with the installation of a 4181 curie source in our AECL Eldorado 8 teletherapy unit. This event occurred on December 12, 1980.

In fact, we did report the source as a 4181 curie cobalt source in a letter dated January 24, 1981, directed to the License Management Branch of NRC in Washington. The letter accompanied our survey report.

I attach a copy of that letter.

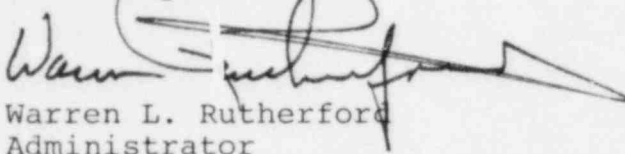
Mr. D. G. Wiedeman
Page 2
October 11, 1982

Full compliance with our licensed limit was achieved 119 days after source calibration (October 27, 1980). On February 23, 1981, the source had decayed to 4000 curies.

Corrective action taken consisted (a) of reporting the actual source strength installed and (b) decay of source to less than license limit.

Corrective action to be taken to avoid further noncompliance is this; in the future we will specify "source strength not to exceed 4000 curies" rather than "4000 curies $\pm 5\%$ ".

Sincerely,

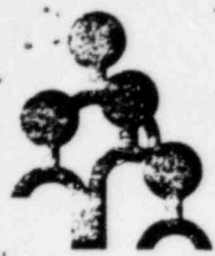

Warren L. Rutherford
Administrator

ss

Enclosure

cc: Radiation Safety Committee
A. H. Emmons, RSO

File



Boone County Hospital

1600 E. Broadway • Columbia, Missouri 65201 • Phone: (314) 442-5145

January 24, 1981

License Management Branch
Division of Fuel Cycle and Materials Safety
Nuclear Regulatory Commission
Washington, D. C. 20555

Reference: License No. 24-01565-02
Boone County Hospital
Columbia, Missouri 65201

Dear Sir:

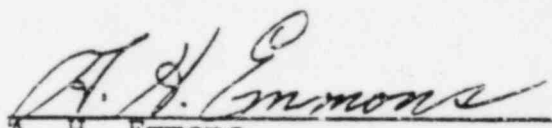
I enclose survey results obtained after the replacement of the Cobalt therapy unit.

We installed a used AECL Eldorado 8 teletherapy unit and a new 4181 curie Cobalt source in early December of 1980.

The enclosed survey results are forwarded in compliance with our license.

Please contact me if there are any questions about this report. I have been authorized by Mr. Max Poll, Hospital Administrator to submit this data.

Sincerely,


A. H. Emmons
Radiation Safety Officer
Boone County Hospital

copy:

- ✓ Max Poll
- ✓ Nestor Canoy
- ✓ Marc Edwards
- ✓ Bob Hurst
- + 1 to J. Bryan
- AHE:BE + 1 TO B. Penzborn

~~81024/11/81~~

ENDDPCH

BOARD OF TRUSTEES

Jack D. Estes

Charles G. Gibbens

Ira G. Hubbell

Bob Ritchie

Marvin E. Wright

ADMINISTRATOR

Max H. Poll