

April 19, 2007

To Whom It May Concern:

Please remove P-32 and Sr-90 sealed sources for vascular brachytherapy from license #24-17205-01. Our vascular brachytherapy programs have been terminated. Please see the attached report prepared by Dr. David S. Gooden, Ph.D., J.D.

Sincerely,

A handwritten signature in black ink, appearing to read "Lesa Deardorff". The signature is written in a cursive style with a large initial "L".

Lesa Deardorff
Director of Radiology
Freeman Health Systems

RECEIVED APR 24 2007

RP SQUARED, LC
1543 East 31st Street
Tulsa, OK 47105

November 22, 2006

Lesa Deardorff
Freeman Health System
1102 West 32nd Street
Joplin, MO 64804

Dear Mrs. Deardorff:

Today I made a visit to your facility to close down the vascular brachytherapy program. I prepared Transfer Device #92752 and Source Train ZB212 for return to vendor via FEDEX (shipping papers will be include in US mailed copy). FEDEX was contacted and pickup number 19 was assigned. I was told the pickup would be made at the Nuclear Medicine Department before 1430 hours.

A decommissioning survey was performed. A radiation survey was made with a calibrated Ludlum survey meter from the Nuclear Medicine Department. Surveys in the Storage Area and the Cath Labs were at background levels (about 0.1 mR/hr in the storage area and about 0.05 mR/hr in the cath labs). Removable contamination surveys were made in the Storage Area and the Cath Labs by wiping approximately 100 square centimeters of candidate tables and floors with absorbent paper. Wipes counted with the device in the Nuclear Medicine Department showed estimated removable contamination at less than 0.005 uCi Cs137 equivalence. The same wipes were counted in a Nuclear Chicago scintillation well counter at Saint Francis Hospital in Tulsa and showed removable contamination of less than 0.00003 uCi Cs-137 equivalence (BG=203 counts/min; wipes less than 220 counts/min and standard of 0.003 uCi Cs-137= 2217 counts/min).

I believe that the surveys detailed in this report show that the P-32 and Sr-90 vascular brachytherapy programs have been properly decommissioned. It is my opinion, that with regards to these programs there are no restrictions on buildings and equipment. They are released for unrestricted future use. Please note that you continue to have nuclear medicine operations at Freeman and these will require separate decommissioning when the programs are terminated (not likely in the foreseeable future).

I have enjoyed serving you and Freeman. I look forward to serving you again should the occasion arise.

Sincerely,
David S. Gooden, Ph.D., J.D.



Freeman Health System

1102 WEST 32ND STREET • JOPLIN, MO 64804-3599
www.freemanhealth.com

Return Service Requested

PRESORTED
FIRST CLASS



UNITED STATES POSTAGE
MINY BOWEN
02 1M
0004233866
\$ 00.371
APR 20 2007
MAILED FROM ZIP CODE 65803

U.S. Nuclear Regulatory Commission
2443 WARRENSVILLE ROAD - SUITE 210
LISLE, IL 60532-4352

C*KSTMP 60532

