

DL-030796

Roanoke
Memorial
Hospitals

March 7, 1996

An Affiliate of CARLION Health System

U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW - Suite 2900
Atlanta, GA 30303-0199

SUBJECT: Amendment request to U.S. NRC RAM License No. 45-01291-02

REF: License renewal application dated 11/30/94
Items 5 & 6 - Radioactive Material & Purpose
Item 10.10 - Molybdenum Concentration Records Section

Regarding Items 5 & 6 of our license renewal application, Roanoke Memorial Hospitals is requesting approval to allow our Department of Physics to use hospital owned cesium-137 (Cs-137) sealed brachytherapy sources for in-house calibration of the survey meters, to be conducted by trained Physics personnel. As previously stated in our Renewal Application under Item 9.2 - Survey Meter Calibration, we have established and implemented the model procedure for calibrating survey instruments that was published in Appendix B to U.S. NRC Regulatory Guide 10.8, Revision 2. We plan to use our 5 mgRaeq and 25 mgRaeq Cs-137 sealed tube sources to approximate point sources, and provide sufficient exposure rates to cover the required calibration range of each survey meter. The source activity is traceable to a standard certified within 5% accuracy by U.S. National Bureau of Standards. Documentation is on file.

Regarding Item 10.10 - We will establish and implement the model procedure for measuring and recording molybdenum concentration that was published in Appendix M.3 to Regulatory Guide 10.8, Revision 2, if or when we decide to procure a technetium generator to prepare radiopharmaceuticals for use within our hospital. Presently, we obtain unit and multi-vial dosages of technetium radiopharmaceuticals from an outside supplier.

All other conditions as described in our approved license renewal application are to remain in effect.

2003/12

U.S. Nuclear Regulatory Commission
February 23, 1996
Page 2

We appreciate your prompt attention to our request and if any additional questions arise or clarifications are needed in this amendment process, please feel free to contact Joseph L. Surace, RSO, at your convenience. (540)981-7379

Respectfully submitted,



Lucas Snipes
Hospital Director

bp

pc Michael Ballantyne, Vice President
Facilities Services

Doug Anderson, Director
Imaging Services

200971