



Hot Springs County
Memorial Hospital
150 East Arapahoe
Thermopolis, Wyoming 82443
Phone: 307/864-3121
Fax: 307/864-5050
<http://www.hscmh.org>

RECEIVED

MAR 8 2008

DNMS

2/26/2008

Reply to a Notice of Violation: Docket No. 030-30651
License No. 49-26949-01

To: Nuclear Regulatory Commission
Region IV, Attn: Vivian H. Campbell
611 Ryan Plaza Dr. Suite 400
Arlington, Tx 76011-4005

From: Hot Springs County Memorial Hospital
Daryl T Mathern, Director Diagnostic Imaging
150 E Arapahoe St
Thermopolis, Wy 82443

Dear Ms Campbell:

The reason for the violation was due to a misinterpretation of the NRC guidelines/ regulations. Because of this and a change of the medical physicist, the Dose calibrator Linearity Test was changed from quarterly to annually in October 2002. Two review's, dated January 29th, 2005 and July 6th, 2006 where done of our Nuclear Medicine program by a consultant Medical Physicist of which the violation was missed. The root case analysis revealed that in 2003 we had to switch medical physicist's due to the present medical physicist moving and a lack of communication between the past and present physicist and the Nuclear Medicine Department.

Immediate correction action has taken place and a linearity test was done on January 21, 2008 and will be done quarterly thereafter as per manufacture's instructions. (see enclosed policy change). In retrospect and out of concern for our patient's, previous linearity tests where reviewed from 2003 to present and at no time did the linearity test done fail or fall beyond the manufactures recommendations.

To prevent further violations, any major policy changes and or addition of our Nuclear Medicine program will be reviewed using NRC guidelines specifically NUREG-1556 "Program-Specific Guidance about Medical Use Licenses" and will be approved by our radiation physicist prior to implementation. We at Hot Springs County Memorial Hospital are committed to patient safety and hope these changes meet your expectations for compliance and safety of our Nuclear Medicine program. Any questions, call 307-864-5047.



Professionals...caring for our community

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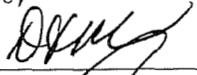
Respectfully;

A handwritten signature in cursive script that reads 'Daryl T. Mathern'.

Daryl T Mathern, CNMT
Director Diagnostic Imaging, HSCMH

CC.; Trudy Chittick, CHE, CEO
Dr James Taylor, Radiation Safety Officer
David Switzer, MS, DABR, Radiation Physicist

HOT SPRINGS COUNTY MEMORIAL HOSPITAL
DIAGNOSTIC IMAGING DEPARTMENT

SUBJECT: DOSE CALIBRATION (USE & CALIBRATION)
OWNERSHIP: NUCLEAR MEDICINE/RADIATION MONITORING INSTRUMENTS
EFFECTIVE: OCTOBER, 2002
REVISED: FEBRUARY, 2003, OCT, 2004, Jan 2007, Jan 2008
REVIEWED: MAY 2004, Feb 2005, Jan 2006,
Daryl T Mathern  1-19-08
APPROVED: Diagnostic Imaging Director Date
James Taylor, MD 1-19-08
Radiation Safety Officer Date
PURPOSE: IF THE LICENSEE PERFORMS DIRECT MEASUREMENTS OF DOSAGES IN ACCORDANCE WITH 10 CFR 35.36 (PREPARES OWN DOSAGES, BREAK UP UNIT DOSAGES FOR PATIENT ADMINISTRATION) THE LICENSEE IS REQUIRED TO POSSESS AND CALIBRATE ALL INSTRUMENTS USED FOR MEASURING PATIENT DOSAGES.

1. Equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.
2. If the licensee uses units dosages made by a manufacture, the licensee may rely on the providers dose label for the measurement of the dosage and decay-correct the dosage to the time of administration.

PROCEDURE FOR CALIBRATION OF DOSE CALIBRATOR

1. Frequency:
 - a. Constancy - At least once each day prior to assay of patient dosages (+10%).
 - b. Linearity - At installation and at least quarterly thereafter (+10%).
 - c. Geometry dependence - At installation (+10%).
 - d. Accuracy - At installation and at least annually thereafter (+10%)
2. Record the date of the test and the name/initials of individual performing.
3. Replace or repair Dose Calibrator if there is an error greater than 10% for the tests indicated.