

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Washington County Memorial Hospital 300 Healthway Potosi, Missouri 63664		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
REPORT NUMBER(S) 2008-01			
3. DOCKET NUMBER(S) 030-35711	4. LICENSEE NUMBER(S) 24-32317-01	5. DATE(S) OF INSPECTION 8/12/2008	

LICENSEE:
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
 (Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE	Kenneth Miller, M.D., RSO		8/ /2008
NRC INSPECTOR	Darrel G. Wiedeman/Ed Kulzer		8/12/2008

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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 1 through 7		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Kenneth Miller, M.D., RSO	4. TELEPHONE NUMBER (573) 438-5451
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Main Office Inspection Next Inspection Date: 8/2011

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This licensee is a 25 bed County owned and operated general hospital. Under this license the licensee oversees the nuclear medicine and limited radiopharmaceutical programs.

Nuclear Medicine and Radiopharmaceutical Therapy

The licensee employs one full time nuclear medicine technologist and the department is staffed with three rotating authorized users (physicians). The licensee receives unit doses and one single bulk dose of Tc99m/daily supplied by a local nuclear pharmacy. The workload consists of the following: 20 diagnostic scans per month, 50% cardiac scans, 10% bone scans, 20% gall bladder/liver scans and 20% thyroid scans. The licensee does not use P-32, Sr-89 or Au-198 for cancer therapy. The licensee is authorized for iodine-131 for hyperthyroid therapy, however, none have been performed since the last inspection.

This inspection consisted of an in-depth review of the licensee's medical programs. According to the licensee staff that were interviewed, there have been no fires, explosions, fatalities (involving radioactive material) , medical events, recordable events or over exposures to radiation since the last NRC inspection. The inspectors did not identify anything contrary to the above statements made by licensee staff. The highest wholebody exposure for CY 2008 was <100 mrem/year and the highest extremity exposure was <100 mrem. The inspectors concluded that no worker or member of the public received a dose of radiation in excess of the limits specified in 10 CFR 20.1201 or 20.1301. The inspectors observed the licensee conduct a physical inventory of their calibration sources. All sources were accounted for.

During the inspection the inspectors asked the technologist to perform a constancy test on the dose calibrator with the same sealed source (Cs-137) and in the same manner in which it was performed earlier that morning. The constancy test results matched the licensee's records for the test performed earlier that same morning. During the inspection, the licensee's staff demonstrated: (1) a daily radiation survey; (2) a weekly removable contamination survey; (3) a package receipt and return survey. The inspectors performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records, < 2 mR/hour in the unrestricted areas around the nuclear medicine facility. All sealed sources are leak tested every 6-months and all results were <.005 microcuries of removable contamination.

No violations of NRC requirements were identified.