NRC FORM 591M PART 1
(06-2010)
10 CFR 2.201

U.S NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Pike County Memorial Hospital **2305 George Street** **Louisiana, MO 63353** REPORT NUMBER(S) **2011-01**	**U.S. Nuclear Regulatory Commission** **Region III** **2443 Warrenville Road, Suite 210** **Lisle, Illinois 60532-4351**

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-38203	**24-32776-01**	**January 27, 2011**

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) were discussed involving the following requirement(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

Statement of Corrective Actions

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			
NRC INSPECTOR	**Robert P. Hays**		1/27/11
Branch Chief	**Tamara E. Bloomer**		2/11/11

NRC FORM 591 M PART 3 (06-2010)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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1. LICENSEE	2. NRC/REGIONAL OFFICE
Pike County Memorial Hospital 2305 Georgia Street Louisiana, MO 63353 REPORT NUMBER(S) 2011-01	U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351

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03038203	24-32776-01	January 27, 2011

6. INSPECTION PROCEDURES	7. INSPECTION FOCUS AREAS
87130 (10/24/02)	03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1.PROGRAM	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02121	5	Doug Sonnenberg, CNMT	573-864-5207

X Main Office Inspection — Next Inspection Date: January 2016

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection — Note: Nuclear Medicine is located in Rm #301

PROGRAM SCOPE

The licensee is a medical facility located in Louisiana, Missouri, authorized by the license to use any byproduct material permitted by 10 CFR 35.100 and 35.200. The nuclear medicine department was staffed with one PT nuclear medicine technologist (NMT). This initial inspection determined that nuclear medicine studies were currently conducted only on Thursdays each week. The NMT averaged 2 cardiac and 3-4 other routine diagnostic studies and iodine-123 administered for uptakes as needed. The department received unit doses as needed from a St. Louis, MO nuclear pharmacy. The licensee does not use a dose calibrator and relies on the assay data provided by the nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy. Licensed activities were initiated on March 11, 2010. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

Performance Observations

Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The licensee's NMT demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) unit dose prep; (4) wipe test counting; (5) dosimetry (< 10% of Part 20 limits); (6) waste handling procedures; (7) security of licensed material; (8) any contamination events (none); and closure of NMED Item No. 100600, which involved the administration of the wrong diagnostic radiopharmaceutical and subsequently determined not to be reportable and the event notification was retracted.