

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Des Peres Hospital 2345 Dougherty Ferry Road St. Louis, MO 63122 REPORT NUMBER(S) 2013-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-35144	4. LICENSE NUMBER(S) 24-32195-01	5. DATE(S) OF INSPECTION July 19, 2013	

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, 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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

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	Ryan Craffey		7/19/13
BRANCH CHIEF	Aaron McCraw		7/25/13

Docket File Information

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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Ronda Gelsthorpe, CNMT	4. TELEPHONE NUMBER (314) 966-9390
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Main Office Inspection Next Inspection Date: July 2016

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

The licensee is a community hospital authorized by its NRC license to use unsealed byproduct material authorized by 10 CFR 35.100, 35.200 and 35.300 at its facility in St. Louis, Missouri. The licensee receives unit doses from a local radiopharmacy for a wide variety of diagnostic procedures and for therapeutic administrations using less than 33 mCi of iodine-131 in capsule form. The hospital employs two full-time technologists who perform approximately 25 diagnostic procedures per week, Mondays through Fridays. The hospital last performed a therapeutic administration of radiopharmaceuticals in April 2012, the first such administration in more than two years. The hospital retains the services of a medical physics consultant to perform instrument calibrations, sealed source leak tests, quarterly audits of the radiation safety program and annual ALARA audits. The consultant's audits are then reviewed every September by a Radiation Safety Committee.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine lab, noting adequate posting and security measures. The inspector conducted independent and confirmatory surveys of the lab and other areas of the department. Those surveys demonstrated the adequacy of the licensee's survey instrumentation and found no residual contamination or exposures to members of the public distinguishable from background. The inspector observed the conduct of package receipt surveys as well as the preparation and administration of one cardiac stress test. Interviews with the two nuclear medicine technologists demonstrated that both were knowledgeable of radiation protection principles and practices.

The inspector reviewed the licensee's procedures and documentation for the administration of radiopharmaceuticals requiring a written directive, and verified that they provided high confidence that the patient's identity was verified before each administration, and that each administration was in accordance with the written directive. The inspector also reviewed a selection of licensee records, including those for package receipt, area surveys, instrument quality control, inventories, leak tests, training, dosimetry, quarterly physicist audits, annual ALARA audits and Radiation Safety Committee meeting minutes.

No violations of NRC requirements were identified as a result of this inspection.