

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Columbus Regional Hospital 2400 East 17th Street Columbus, IN 47201 REPORT NUMBER(S) 13-01		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-01597	4. LICENSE NUMBER(S) 13-01631-05	5. DATE(S) OF INSPECTION August 15, 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	Robert P. Hays		8/15/13
BRANCH CHIEF	Aaron T. McCraw		9/7/13

Docket File Information
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6. INSPECTION PROCEDURES USED 87131, 87132	7. INSPECTION FOCUS AREAS 03.01-03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Mike Parrott, Ph.D., RSO	4. TELEPHONE NUMBER (812) 376-5079
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Main Office Inspection Next Inspection Date: 08/15/2016

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a medical institution with authorization by the license to use byproduct materials for diagnostic and therapeutic medical procedures under 10 CFR 35.100, 35.200, 35.300, and 35.400. The licensee's Nuclear Medicine Department routinely conducts a daily average of 6-8 patient studies with a staff of 2 nuclear medicine technologists (NMTs) and periodically, nuclear medicine technology students in training. The majority of diagnostic studies are bones, gastric, or gall bladder tests. I-123 is used for uptake studies. Administrations of iodine-131 requiring a written directive, average 1-3 procedures per month, including post-thyroidectomy ablations. The licensee receives licensed material as unit doses and bulk pertechnetate from an Indianapolis nuclear pharmacy as needed. The licensee also has a separate PET facility and averages 2-3 patient studies each weekday with one NMT. The licensee also utilizes a Rb-82 generator used for myocardial perfusion PET imaging. The licensee has performed only cesium-137 implant procedures and averages 1-2 cases per year since the previous inspection.

Performance Observations

During the inspection, the licensee's NMTs and RSO demonstrated/discussed: (1) survey instruments and required surveys; (2) package receipt and check-in procedures; (3) wipe test counting; (4) unit dose, kit preparation, and safe handling procedures; (5) strontium breakthrough tests; (6) cesium-137 procedures, inventories, and leak tests; (7) nursing staff training for implant patients; (8) waste handling; (9) other sealed source inventories and leak tests; (10) security and storage of licensed material; (11) quarterly radiation safety committee meetings; (12) radiation safety program audit results; (13) minor contamination events (none); (14) HAZMAT refresher training; and (15) dosimetry: [CY 2012: 562mr-DDE; 2550mr-SDE], [CY 2013, thru June: 515mr-DDE; 1820mr-SDE]. The inspector performed independent and confirmatory radiation measurements, which indicated results consistent with licensee survey records and postings.