

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Mercy Memorial Hospital 718 North Macomb Street Monroe, MI 48162 REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-14210	4. LICENSE NUMBER(S) 21-18816-01	5. DATE(S) OF INSPECTION MARCH 2 ND 2017	

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:

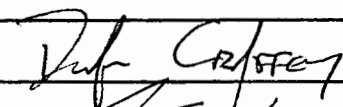
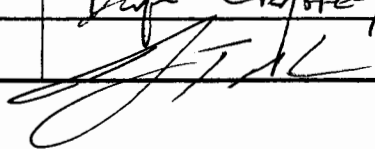
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		3/2/17
BRANCH CHIEF	Aaron McCraw		3/9/17

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 Sven Gallo, M.Sc., DABR - RSO	4. TELEPHONE NUMBER (419) 291-4183
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Main Office Inspection Next Inspection Date: 03/02/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a community hospital authorized to use byproduct material for diagnostic and therapeutic medical purposes at its facility in Monroe, Michigan. At the time of the inspection, two nuclear medicine technologists performed up to 10 diagnostic administrations per day. A significant fraction of these administrations were Xe-133 lung scans. The licensee also performed occasional I-131 therapies, though only for hyperthyroidism. The licensee had retained the services of a medical physics consultant to perform instrument and equipment quality control and to review the radiation protection program quarterly. However, after the former RSO passed away in late 2016, the licensee opted to leverage the capabilities of the incoming RSO (currently the RSO of a sister hospital in Toledo, Ohio) and his health physics staff to continue these duties instead.

PERFORMANCE OBSERVATIONS

The inspector toured the hospital in Monroe to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent surveys of the facility, and found no exposures in excess of regulatory limits, and no evidence of residual contamination in unrestricted areas. The inspector observed the administration of a cardiac stress test and lung scan, and noted the satisfactory use of ALARA practices and personnel dosimetry. The inspector also observed the receipt of packages containing radioactive material, and verified that all sealed sources on licensee's most recent inventory could be accounted for. The licensee's staff demonstrated the implementation of procedures for area surveys and decay-in-storage waste handling. The inspector also interviewed the licensee's incoming RSO to discuss the continuity of oversight for this radiation safety program. Through these observations, demonstrations, and discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector reviewed a selection of available records, including I-131 written directives, medical physics consultant reports, hazmat training materials, personnel dosimetry reports, and documentation of package receipts, dose verifications, areas surveys, and waste handling.

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