

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Dickinson County Memorial Hospital 1721 South Stephenson Avenue Iron Mountain, MI 49801 REPORT NUMBER(S) 2016-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-17318	4. LICENSE NUMBER(S) 21-18889-01	5. DATE(S) OF INSPECTION June 16, 2016
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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 Katelyn Meehan - NM Section Head	4. TELEPHONE NUMBER (906) 776-5578
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Main Office Inspection Next Inspection Date: 06/16/2019

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 medical purposes at its facility in Iron Mountain, Michigan. At the time of the inspection, two nuclear medicine technologists performed five to eight diagnostic administrations (mostly cardiac stress tests) each weekday using unit and bulk doses from a local radiopharmacy. Although authorized for therapeutic administrations of byproduct material, the licensee had not performed any such administrations since before the last inspection. The licensee was, however, preparing to begin administration of I-131 capsules in the near future. The licensee retained the services of a contract consulting physicist to review the content and implementation of the radiation safety program quarterly, and maintained a Radiation Safety Committee, which met quarterly as well.

PERFORMANCE OBSERVATIONS

The inspector toured the facility in Iron Mountain to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the administration of a cardiac stress test, bone scan and thyroid uptake scan while on-site. The licensee's staff also demonstrated and discussed the implementation of procedures for package receipt, decay-in-storage waste handling, area surveys and spill response. Through these observations and discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of records for dose calibrator quality control, sealed source leak tests and inventories, area surveys, spill reports, dosimetry, worker instruction including hazmat training, consulting physicist audits, and RSC meeting minutes.

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