

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Allegiance Health 205 N. East Avenue Jackson, Michigan 49201 REPORT NUMBER(S) 14-01	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) 030-01990	4. LICENSE NUMBER(S) 21-00258-06	5. DATE(S) OF INSPECTION January 16-17, 2014
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6. INSPECTION PROCEDURES USED 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 Kevin Yensch, Imaging Clinical Mgr	4. TELEPHONE NUMBER (517) 788-4792
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Main Office Inspection Next Inspection Date: 01/17/2017

Field Office Inspection Paul Tejada Center, 1102 E. Michigan Ave.

Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine inspection of a 300 bed hospital that was authorized to use byproduct materials in 10 CFR 35.100, 35.200, 35.300, and 35.400. The radiation oncology staff of two physicists and one physician had performed three prostate permanent seed implant procedures using I-125 since the previous inspection. At the time of the inspection, the licensee's management was evaluating closing the seed implant program and referring any future patients to another NRC licensed facility. The nuclear medicine area was staffed with 6 technologists who administered approximately 10 diagnostic administrations of unit doses per day, in addition to approximately 15 administrations of unsealed licensed material requiring a written directive per quarter.

PERFORMANCE OBSERVATIONS

The inspector observed one diagnostic administration during the inspection. This observation, combined with interviews of available staff, revealed an adequate level of understanding of emergency and material handling procedures and techniques. Within each functional area, the licensee successfully demonstrated routine equipment QA/QC checks, package receipt, area surveys, and waste handling and disposal procedures. A contract physicist performed quarterly audits to help oversee the nuclear medicine program. The inspector confirmed that these activities were successfully and routinely completed by reviewing selected records. The inspector also reviewed selected records for administrations requiring a written directive that had occurred since the previous inspection, including treatment plans and written directives for all three I-125 seed implant administrations. The licensee maintained adequate records and procedures to demonstrate that each administration was in accordance with the written directive.

Licensed material was adequately secured and not readily accessible to members of the general public. The licensee possessed survey meters that were calibrated, operational, and performed comparably to an NRC survey meter during side-by-side measurements. The inspector also performed independent and confirmatory radiation measurements in each functional area that were consistent with licensee survey records and postings. Personal whole body and extremity dosimetry badges were observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits.

No violations were observed during the inspection.