

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Providence Hospital Providence Cancer Center 22301 Foster Winter Dr. I Floor Southfield, MI 48075 REPORT NUMBER(S) 2018001	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) 030-33776	4. LICENSE NUMBER(S) 21-26632-01	5. DATE(S) OF INSPECTION December 20, 2018
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6. INSPECTION PROCEDURES USED 87132	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTACT Vrinda Narayana, RSO	4. TELEPHONE NUMBER (248) 849-8622
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Main Office Inspection Next Inspection Date: December 20, 2020
 Field Office Inspection _____
 Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of an out-patient cancer treatment center authorized to use iridium-192 in a high dose-rate remote afterloader brachytherapy (HDR) unit. On average, the licensee conducted 100 radiation therapies per year by one primary medical physicist and by one primary Authorized User. The majority of treatments conducted were breast, esophageal, intracavitary, lung, and gynecological. All HDR patient treatments were administered by the attending oncologist and an authorized medical physicist. HDR sources are exchanged quarterly.

PERFORMANCE OBSERVATIONS

This inspection consisted of interviews with licensee personnel and a review of selected records. There were no patient treatments scheduled during the time of the inspection. The authorized medical physicist demonstrated and discussed: (1) security of licensed material; (2) daily spot checks; (3) emergency equipment and procedures; (4) postings; (5) annual refresher training/emergency drills; (6) medical event assessment and reporting; and (7) surveys of patients following treatment. The inspector reviewed written directives, radiation safety committee meeting minutes, training records, and source calibration records.

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