

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE William Beaumont Hospital REPORT NUMBER(S) 2010-001		2. NRC/REGIONAL OFFICE NRC Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-37359	4. LICENSE NUMBER(S) 21-01333-02	5. DATE(S) OF INSPECTION March 2, 2010	
6. INSPECTION PROCEDURES USED 87133	7. INSPECTION FOCUS AREAS 03.01 – 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02310	2. PRIORITY 2	3. LICENSEE CONTACT Ann Maitz, M.S., RSO	4. TELEPHONE NUMBER 248-551-1194
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Main Office Inspection Next Inspection Date: March 2012

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a 1000-bed hospital located in Royal Oak, Michigan. Under this license, the licensee operated a Gamma Stereotactic Radiosurgery (GSR) device for medical use as described on the license. The licensee treated approximately seven to ten patients weekly with the GSR device. Monthly output and operations checks were performed as required. Five oncologists, four physicists, and three therapists, as well as nursing staff, were involved in GSR treatments.

Performance Observations

The inspector observed daily safety checks, including location verification, alarms, interlocks, and battery backups, and observed planning and administration for one GSR treatment. Licensee personnel demonstrated survey meter checks and described patient imaging and monthly checks. The inspector noted no concerns with these activities. The inspector reviewed written directives for GSR treatments and identified no issues. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

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