

Hospital	Event Number: 43516
Rep Org: LESTER COX MEDICAL CENTER Licensee: LESTER COX MEDICAL CENTER Region: 3 City: SPRINGFIELD State: MO County: License #: 24-01143-06 Agreement: N Docket: NRC Notified By: JOHN PACYNIK HQ OPS Officer: JASON KOZAL	Notification Date: 07/24/2007 Notification Time: 14:15 [ET] Event Date: 07/24/2007 Event Time: 10:00 [CDT] Last Update Date: 07/24/2007
Emergency Class: NON EMERGENCY 10 CFR Section: 35.3045(a)(1) - DOSE <> PRESCRIBED DOSAGE	Person (Organization): RICHARD SKOKOWSKI (R3) CINDY FLANNERY (FSME)

Event Text

MEDICAL EVENT - ADMINISTERED DOSE LESS THAN PRESCRIBED DOSE

The treatment consisted of 3 fractionated high dose rate (HDR) brachytherapy procedures. The dose was prescribed by the physician at 5 millimeters from the surface of the cylinder, however, the dose was calculated at the surface of the cylinder. The HDR brachytherapy was administered at 5 millimeters as prescribed. Due to the discrepancy between the prescribed and calculated dose an under dose of the patient of over 4 Grays (Gy) resulted. The prescription was for an administration of 15 Gy. Only 10.3 Gy was administered. The physician is planning to add one more fraction to complete the intended treatment of 15 Gy. The patient will be informed of this misadministration.

The licensee indicated that they will verify the prescription and the film prior to administration to insure consistency between the two. Additionally, when the dose distribution is plotted, the licensee will overlay the cylinder over the dose distribution to visually verify the dose.

A "Medical Event" may indicate potential problems in a medical facility's use of radioactive materials. It does not necessarily result in harm to the patient.