

Hospital	Event Number: 41666
Rep Org: UNION HOSPITAL Licensee: UNION HOSPITAL Region: 3 City: TERRE HAUTE State: IN County: License #: 13-16457-01 Agreement: N Docket: NRC Notified By: GARY ADLER HQ OPS Officer: PETE SNYDER	Notification Date: 05/05/2005 Notification Time: 14:25 [ET] Event Date: 05/02/2005 Event Time: 16:20 [CST] Last Update Date: 05/05/2005
Emergency Class: NON EMERGENCY 10 CFR Section: 35.3045(a)(1) - DOSE <> PRESCRIBED DOSAGE	Person (Organization): DAVE PASSEHL (R3) THOMAS ESSIG (NMSS)

Event Text

MEDICAL EVENT: BRACHYTHERAPY UNDER DOSE ADMINISTRATION

On May 2, 2005 to May 3, 2005 during a planned 1 day 5 hour 22 minute brachytherapy vaginal dose a calculated 27% under dose of 1825 cGy dose was administered in a 2.5 cm solid vaginal cylinder. Two 19.56 mg Ra equivalent Cs-137 sources were used. This event was discovered on May 4, 2005 at 10 am, during a summary review, when the licensee discovered that the wrong size applicator cylinder was used. A 1.93 cm cylinder was planned to have been used to apply a 2500 cGy total dose.

The licensee contacted the patient about the under dose and plans to administer the rest of the dose on May 5, 2005. The licensee is formulating a plan to administer additional training to the hospital staff to prevent future events of this type.