

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: James E. Cary Cancer Center P. O. Box 551 Hannibal, MO 63401 REPORT NUMBER(S)	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) 030-37750	4. LICENSEE NUMBER(S) 24-32681-01	5. DATE(S) OF INSPECTION June 30, 2009
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LICENSEE:
The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Robert P. Hays		6/30/2009

Handwritten signature in blue ink, possibly "R. P. Hays".

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE James E. Cary Cancer Center		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
REPORT NUMBER(S) 2009-001			
3. DOCKET NUMBER(S) 03037750	4. LICENSE NUMBER(S) 24-32681-01	5. DATE(S) OF INSPECTION June 30, 2009	
6. INSPECTION PROCEDURES USED 87132 (12/6/05)	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTACT Bob Hass, Director	4. TELEPHONE NUMBER 573-406-5801
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Main Office Inspection Next Inspection Date: **June 2010**

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an initial inspection of activities performed under this license. The licensee was a cancer treatment facility located in Hannibal, Missouri with authorization by the license for a Nucletron remote afterloading brachytherapy device as permitted by 10 CFR 35.600 at the location authorized on the license. The licensee had not initiated any patient treatments pending an amendment to replace the authorized medical physicist. The licensee had received and installed an Ir-192 source on June 12, 2009. The licensee therapy treatments will be for mammosite procedures. Surveys of the treatment device in storage indicated no dose concerns and consistent with licensee survey records and postings.

Performance Observations

During the inspection, the licensee's proposed medical physicist/RSO demonstrated/discussed: (1) survey instruments and required surveys; (2) package receipt and return procedures; (3) dosimetry; (4) written directives and treatment plans; (5) security of licensed material; (6) electrometer, well chamber, and survey instrument calibrations; (7) full HDR calibrations; (8) daily checks performed prior to each treatment; and (9) emergency equipment and procedures.