

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

SSM Cardinal Glennon Children's Hospital
1465 South Grand Blvd.
St. Louis, MO 63014

REPORT NUMBER(S): 11-01

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532

3. DOCKET NUMBER(S)

030-35553

4. LICENSEE NUMBER(S)

24-32264-01

5. DATE(S) OF INSPECTION

8/24/11 & 8/25/11 with continued
in-office review through 9/14/11

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

1 Non-cited violation(s) were discussed involving the following requirement(s):

Condition 11 of Amendment No. 3 to NRC License No. 24-32264-01, effective between May 25, 2007 and March 10, 2011, stated that the Radiation Safety Officer (RSO) for the activities authorized by the license was a specifically-named individual.

Contrary to the above, between April and September 2010, the individual named on the NRC license was no longer the RSO. Specifically, the individual named on the license could not fulfill her responsibilities as the RSO due to personal reasons beginning in April 2010. The licensee self-identified this issue in September 2010 and requested that the NRC amend its license to name a new individual as the RSO at that time. Amendment No. 4 to NRC License No. 24-32264-01 listing the new individual as the licensee's RSO was issued on March 11, 2011.

In an August 25, 2011 preliminary exit meeting, the licensee's management stated that they were writing a new procedure regarding the hospital's RSO. The new procedure will require the licensee to immediately notify the NRC and transition to a new RSO as soon as possible if the existing RSO is unable to fulfill his or her responsibilities. The licensee's management also stated that the SSM Radiation Safety Committee for the South Operating Group (that includes SSM Cardinal Glennon Children's Hospital) has reviewed and evaluated issues regarding their NRC license every month since approximately January 2011, and will continue to do so to prevent recurrence of this issue.

- ☐ 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

Statement of Corrective Actions

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	Andrew M. Bramnik	<i>Andrew M. Bramnik</i>	9/15/2011
Branch Chief	Tamara E. Bloomer	<i>Tamara Bloomer</i>	9/15/11

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE SSM Cardinal Glennon Children's Hospital REPORT NUMBER(S) 11-01		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532	
3. DOCKET NUMBER(S) 030-35553	4. LICENSEE NUMBER(S) 24-32264-01	5. DATE(S) OF INSPECTION 8/24/11 & 8/25/11 with continued in-office review through 9/14/11	
6. INSPECTION PROCEDURES 87122		7. INSPECTION FOCUS AREAS 03.01 – 03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 03510	2. PRIORITY 5	3. LICENSEE CONTACT Laura Jines, Blood Bank Supervisor	4. TELEPHONE NUMBER 314-268-2700 ext. 1376
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☒ Main Office Inspection

Next Inspection Date: August 2016

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine inspection of a 200-bed children's hospital located in St. Louis, Missouri. The hospital possessed one self-shielded irradiator that was used for irradiating blood products. Between 10 and 12 full time technologists worked in the hospital blood bank and utilized the irradiator during all hospital shifts.

PERFORMANCE OBSERVATIONS

Licensee personnel demonstrated how the blood irradiator was used, surveyed, inventoried, and leak tested. Interviews with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The licensee possessed a radiation survey meter that was calibrated and operational.

Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry were observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits.

One non-cited violation for the licensee's failure to have a Radiation Safety Officer was identified during this inspection, and is described in Part One, attached.