

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<b>1. LICENSEE/LOCATION INSPECTED:</b> Allegiance Health 205 N. East Avenue Jackson, Michigan 49201  <b>REPORT NUMBER(S)</b> 2010-001		<b>2. NRC/REGIONAL OFFICE</b>  <b>Region III</b> <b>U.S. Nuclear Regulatory Commission</b> <b>2443 Warrenville Road, Suite 210</b> <b>Lisle, Illinois 60532-4351</b>	
<b>3. DOCKET NUMBER(S)</b> 030-01990	<b>4. LICENSEE NUMBER(S)</b> 21-00258-06	<b>5. DATE(S) OF INSPECTION</b> March 1, 2010	

**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. *From IR 2009-001 / EA-09-266*
- 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	Geoffrey M. Warren	<i>GM Warren</i>	3/1/10

*BB.*

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6. INSPECTION PROCEDURES USED 87132		7. INSPECTION FOCUS AREAS 03.01 – 03.08	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Randall Bardwell, RSO	4. TELEPHONE NUMBER 517-788-4800
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <u>No change – Aug. 2010</u>	
<input type="checkbox"/> Field Office		_____	
<input type="checkbox"/> Temporary Job Site Inspection		_____	

**PROGRAM SCOPE**

This inspection was a follow-up inspection to escalated enforcement identified in Inspection Report No. 2009-001, issued October 26, 2009, and cited in a Notice of Violation dated January 6, 2010.

The violation concerned the licensee's failure to have adequate written procedures for prostate implant procedures, specifically to verify that no changes had occurred in the patient's prostate volume between the time the treatment plan was prepared and administration of the treatment. As corrective action, the licensee committed to revising the written procedure to (1) schedule the operating room first, and then schedule the volume study within three weeks prior to the implantation date; (2) require the authorized user to verify the prostate volume prior to implantation; (3) require the authorized user to use ultrasound or fluoroscopy to verify the seed placement during the treatment; and (4) ensure that the authorized user has documented training or experience with such procedures within 18 months prior to the treatment before performing an implantation. The inspector determined that the licensee had revised the procedure to include these requirements.

The inspector reviewed the one prostate implant procedure which had been performed since the corrective actions were implemented and determined that the revised procedure was followed in performing the implant. Licensee staff described the full process for performing prostate implantation procedures, including imaging, planning, ordering seeds, package receipt, implantation, follow-up imaging, and post-planning, and the inspectors noted no concerns with the activities. Interviews with licensee staff indicated that scheduling staff knew how to schedule prostate implant procedures in accordance with the revised written procedure and that physics staff would ensure that all steps were followed during implant procedures. Based on this information, the violation is considered closed.