



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BLVD  
ARLINGTON, TEXAS 76011-4511

February 29, 2012

James McKee, M.S., Radiation Safety Officer  
Rapid City Regional Hospital, Inc.  
363 Fairmont Blvd.  
Rapid City, South Dakota 57701

SUBJECT: RESPONSE TO NRC INSPECTION REPORT 030-03231/2011-001 AND  
NOTICE OF VIOLATION

Dear Mr. McKee:

Thank you for your letters dated October 17, 2011, and November 17, 2011, in response to the violation identified in our letter and Notice of Violation (Notice) dated September 26, 2011. We have reviewed your letters and determined that your corrective actions are not adequate as described below.

From December 2011, through February 2012, Mr. Jason Razo of my staff discussed with you a section in your letter that referred to the definition of a medical event. Specifically, your letter dated November 17, 2011, stated that you would follow the ASTRO recommendations and evaluate medical events against the total activity of implanted seeds. However, that approach is not consistent with NRC regulations because the criteria for a medical event in 10 CFR 35.3045 are based on dose instead of activity. As such, your corrective actions are not adequate to restore compliance.

Within 15 days of the date of this letter, you should describe corrective actions that provide a reasonable assurance you will prevent future violations.

You are required to respond to this letter and should follow the instructions specified in our Notice dated September 26, 2011. If you have additional information that you believe the NRC should consider, you may provide it in your response to the Notice. The NRC review of your response to the Notice will also determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

To the extent possible, your response should not include any personal privacy or proprietary information so that it can be made available to the Public without redaction.

Should you have any questions concerning this inspection or letter, please contact Mr. Jason Razo at (817) 200-1589 or the undersigned at (817) 200-1130.

Sincerely,

***/RA Anthony D. Gaines for/***

G. Michael Vasquez, Chief  
Nuclear Materials Safety Branch A

Docket: 030-03231  
License: 40-00238-04

cc w/copy of licensee's letters dated October 17, 2011, and November 17, 2011

South Dakota Radiation Control Program Director

cc w/enclosure:

R. Caniano

V. Campbell

C. Cain

J.E. Whitten

NMSB-A

RITS Coordinator

RIV Materials Docket File (5<sup>th</sup> Floor)

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ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	X SUNSI Rev Complete	Reviewer Initials: JMR
Publicly Available	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitivity: Non-sensitive	
NMSB-A		C:NMSB-A	
JMRazo		GMVasquez	
<b>/RA/</b>		<b>/RA ADG for/</b>	
01/10/2012		02/29/2012	

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