



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

June 27, 2012

Docket No. 03014754

License No. 08-07398-03

Robert L. Sloan  
President and Chief Executive Officer  
Sibley Memorial Hospital  
5255 Loughboro Road, N.W.  
Washington, DC 20016-2695

SUBJECT: NRC INSPECTION REPORT NO. 03014754/2012001, SIBLEY MEMORIAL  
HOSPITAL, WASHINGTON, D.C. SITE AND NOTICE OF VIOLATION

Dear Mr. Sloan:

On January 23 and 24, 2012, Janice Nguyen of this office conducted a safety inspection of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and an examination of records. Additional information provided in correspondence dated February 3, February 17, and April 25, 2012, was also examined as part of the inspection. The results of the inspection were discussed with Jeffery Joyner, Vice President for Professional Services, and Jordie Keck, Radiation Safety Officer, at the conclusion of the inspection on June 6, 2012.

Based on the results of this inspection and in accordance with the NRC Enforcement Policy, the NRC has determined that two Severity Level IV violations of NRC requirements occurred. Specifically, Sibley Memorial Hospital: (1) did not determine the length of the applicators on a high dose rate remote afterloader (HDR) during full calibration as required by 10 CFR 35.633(b)(6); and (2) used a brachytherapy sealed source model not authorized per their license. The violations are cited in the enclosed Notice of Violation (Notice) because the violations were identified by the NRC.

The NRC has concluded that the information regarding the reasons for the violations, the corrective actions taken and planned to correct the violations and prevent recurrence are already adequately addressed on the docket and in your correspondence dated February 3, February 17, and April 25, 2012. Specifically, Sibley Memorial Hospital: (1) revised its HDR full calibration procedures to include the use of a new HDR cylinder size check form; and (2) submitted and received an amendment to their license authorizing the use of IsoAid, LLC Model IAI-125A brachytherapy sources. Therefore, you are not required to respond to this letter unless the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC document system (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction.

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Regulations, Guidance and Communications**. The current Enforcement Policy is included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **About NRC, Organizations & Functions; Office of Enforcement; Enforcement documents**; then **Enforcement Policy (Under 'Related Information')**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

Please note that the Region I Division of Nuclear Materials Safety has moved effective May 9, 2012. Our new address is:

USNRC – Region I  
2100 Renaissance Blvd, Suite 100  
King of Prussia, PA 19406-2713

Please contact Janice Nguyen at (610) 337-5006 if you have any questions regarding this matter.

Sincerely,

***Original signed by James P. Dwyer***

James P. Dwyer, Chief  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Notice of Violation

cc:  
Jordie Keck, Radiation Safety Officer  
District of Columbia

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Sincerely,

***Original signed by James P. Dwyer***

James P. Dwyer, Chief  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Notice of Violation

cc:  
Jordie Keck, Radiation Safety Officer  
District of Columbia

Distribution:  
D. J. Holody, RI

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**SUNSI Review Complete:** JNguyen

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