



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

January 25, 2007

Docket No. 03008805

License No. 45-15249-01

David Cashwell  
Associate Administrator  
Chippenham and Johnston-Willis Hospitals, Inc.  
Dba CJW Medical Center - Johnston-Willis Campus  
1401 Johnston-Willis Drive  
Richmond, VA 23235

SUBJECT: INSPECTION 03008805/2006001, CHIPPENHAM AND JOHNSTON-WILLIS HOSPITALS, INC., DBA CJW MEDICAL CENTER - JOHNSTON-WILLIS CAMPUS, RICHMOND, VIRGINIA AND NOTICE OF VIOLATION

Dear Mr. Cashwell:

On December 7, 2006, Penny Lanzisera and Shirley Xu of this office conducted a safety inspection at the above address 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 a selected examination of representative records. Additional information provided in your correspondence dated January 11, 2007 was also examined as part of the inspection. The findings of the inspection were discussed with you at the conclusion of the inspection.

Based on the results of this inspection, it appears that your activities were not conducted in full compliance with NRC requirements. A Notice of Violation is enclosed that categorizes the violation by severity level. You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

Current NRC regulations are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. The current Enforcement Policy is included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **What We Do, Enforcement**, then **Enforcement Policy**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

D. Cashwell 2  
Chippenham and Johnston-Willis Hospitals, Inc.

Your cooperation with us is appreciated.

Sincerely,

***Original signed by Pamela J. Henderson***

Pamela J. Henderson, Chief  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Notice of Violation

cc:  
Gerry Reece, M.D., Radiation Safety Officer  
Commonwealth of Virginia

Distribution:  
D. J. Holody, RI

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**SUNSI Review Complete: PLanzisera**

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## NOTICE OF VIOLATION

Chippenham and Johnston-Willis Hospitals, Inc.  
Richmond, VA

Docket No. 03008805  
License No. 45-15249-01

During an NRC inspection conducted on December 7, 2006, and continued on January 11, 2007, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

10 CFR 20.2001(a) requires that the licensee dispose of licensed material only by certain specified procedures.

10 CFR 35.92(a) permits a licensee to hold byproduct material with a physical half-life of less than 120 days for disposal by decay-in-storage.

Contrary to the above, in June 2006, the licensee disposed of sealed sources with a physical half-life of greater than 120 days to the non-radioactive trash, a method not authorized by either §20.2001 or §35.92. Specifically, the licensee disposed of sealed sources containing 0.14 microcuries of cobalt-60 and 0.42 microcuries of cesium-137 to the non-radioactive trash after mistakenly believing the sources had decayed.

This is a Severity Level IV violation (Supplement VI).

Pursuant to the provisions of 10 CFR 2.201, Chippenham and Johnston-Willis Hospitals, Inc. is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555, with a copy to the Regional Administrator, Region I, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

If you contest this enforcement action, you should also provide a copy of your response to the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001. Under the authority of Section 182 of the Act, 42 U.S.C. 2232, any response which contests an enforcement action shall be submitted under oath or affirmation.

Your response will be placed in the NRC Public Document Room (PDR) and on the NRC Web site. To the extent possible, it should, therefore, not include any personal privacy, proprietary, or safeguards information so that it can be made publically available without redaction. However, if you find it necessary to include such information, you should clearly indicate the

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Chippenham and Johnston-Willis Hospitals, Inc.

specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days.

Dated This 25 day of January 2007