



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

April 27, 2007

Docket No. 03003296

License No. 45-00034-26

Leonard W. Sandridge, Jr.
Executive Vice President and Chief Operating Officer
University of Virginia
Office of Environmental Health and Safety
515 Edgemont Road
Box 400322
Charlottesville, VA 22904-4322

SUBJECT: INSPECTION 03003296/2006003, UNIVERSITY OF VIRGINIA,
CHARLOTTESVILLE, VIRGINIA

Dear Mr. Sandridge:

On July 11, 2006 - April 26, 2007, Randolph Ragland of this office conducted an in-office safety inspection of activities authorized by the above listed NRC license. The inspection was limited to a review of a July 11, 2006, event in which an 86 year old female patient, with the onset of dementia, was administered an Iodine-131 capsule for treatment of hyperthyroidism, and subsequently, intentionally removed it from her mouth, concealed the capsule, and took the capsule back to her home in West Virginia. The inspection included a review of (1) additional information provided in your correspondence dated July 31, 2006, Summary of Event; (2) telephone conversations between the patient's son and daughter and Randolph Ragland of my staff; (3) multiple telephone conversations between Catherine Perham of your organization and Randolph Ragland of this office; and (4) an independent review by our Physician Consultant, Dr. Ronald E. Goans, PhD, MD, MPH. The findings of the inspection were discussed with Dr. David Hudson, Dr. Ralph Allen, and others of your organization at the conclusion of the inspection.

Within the scope of this inspection, no violations were identified. Based on our review, we concluded that the event was caused by patient intervention.

We concluded there were no radiation exposures that exceeded regulatory limits. In addition, based on our physician consultant's independent assessment of radiation doses received by the patient, we concluded that this event will not result in unintended permanent functional damage to an organ or physiological system.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Industrial, and Academic Uses of Nuclear Material; Regulations, Guidance and Communications**. The current Enforcement Policy is included on the NRC's website at www.nrc.gov; select **About NRC; Organization & Function; About Enforcement**; then **Enforcement Policy**. 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).

L. Sandridge
University of Virginia

2

No reply to this letter is required. Your cooperation with us is appreciated.

Sincerely,

Original signed by Pamela J. Henderson

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

cc:

Ralph O. Allen, Ph.D., Radiation Safety Officer
Richard Santen, M.D., University of Virginia Medical Center
State of West Virginia
Commonwealth of Virginia

L. Sandridge
University of Virginia

2

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Ralph O. Allen, Ph.D., Radiation Safety Officer
Richard Santen, M.D., University of Virginia Medical Center
State of West Virginia
Commonwealth of Virginia

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SUNSI Review Complete: RRagland

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