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

February 11, 2008

Docket No. 03017797 License No. 41-06832-06

Beth A. Wetzel
Manager, Corporate Nuclear Licensing
Tennessee Valley Authority
1101 Market Street
6A Lookout Place
Chattanooga, TN 37402-2801

SUBJECT: INSPECTION 03017797/2007003, TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENNESSEE SITE AND NOTICE OF VIOLATION

Dear Ms. Wetzel:

On October 29, 2007 and January 17 and 18, 2008, David Collins of this office conducted a safety inspection at the Sequoyah Training Center, Soddy Daisy, TN, 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. The findings of the inspection were discussed with Mr. W. Ed Freeman and Mr. Kevin Casey of your organization 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 (Notice) 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 ; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** The current Enforcement Policy is included on the NRC's website at www.nrc.gov; select **About NRC; Organization and Functions; Office of Enforcement; About Enforcement;** then **Enforcement Policy.** 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 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Please contact Mr. Collins at 404-562-4735, if you have any questions regarding this matter.

Sincerely,

Original signed by Marie Miller

Marie Miller, Chief
Security and Industrial Branch
Division of Nuclear Materials Safety

Enclosure:
Notice of Violation

cc:
W. Ed Freeman, Radiation Safety Officer
State of Tennessee

Please contact Mr. Collins at 404-562-4735, if you have any questions regarding this matter.

Sincerely,

Original signed by Marie Miller

Marie Miller, Chief
Security and Industrial Branch
Division of Nuclear Materials Safety

Enclosure:
Notice of Violation

cc:
W. Ed Freeman, Radiation Safety Officer
State of Tennessee

Distribution:
D. J. Holody, RI

DOCUMENT NAME: C:\FileNet\ML080420048.wpd
ADAMS Document Accession No. ML080420048

SUNSI Review Complete: MMiller
After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "**C**" = Copy w/o attach/encl "**E**" = Copy w/ attach/encl "**N**" = No copy

OFFICE	DNMS/RI	N	DNMS/RI					
NAME	DJCollins/djc		MMiller/mtm					
DATE	2/1/08		02/10/08					

OFFICIAL RECORD COPY

NOTICE OF VIOLATION

Tennessee Valley Authority
Chattanooga, TN

Docket No. 03017797
License No. 41-06832-06

During an NRC inspection conducted on October 29, 2007 and January 17 and 18, 2008, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

A. Condition 19 of the license requires, in part, that the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures. A letter dated May 25, 2006 states that the Industrial Radiography Operating and Emergency Procedure shall be followed. Tennessee Valley Authority Nuclear (TVAN) Industrial Radiography Operating and Emergency Procedure IEP-400 (Revision 6) at Section 6.5 (Handling and Use of Sealed Sources and Exposure Devices) states, in part, that radiographers and assistant radiographers shall maintain effective/accurate communication during radiographic operations. Three-way-communications techniques shall be utilized, when possible, to eliminate miscommunication

Contrary to the above, on September 8, 2007, a radiographer exposed a radiography source while the assistant radiographer remained in the exposure area, and did not maintain effective communication with the assistant radiographer to warn him to clear the area prior to exposing the radiography source. The exposure to the assistant was within NRC occupational exposure limits.

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

Pursuant to the provisions of 10 CFR 2.201, Tennessee Valley Authority 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 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 11 day of February 2008