



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

August 15, 2005

Docket No. 03034258

License No. 41-25370-01

Frederick C. Mashburn
Senior Program Manager, Nuclear Licensing
Tennessee Valley Authority
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: INSPECTION 03034258/2005001, TENNESSEE VALLEY AUTHORITY
RESEARCH GROUP, MUSCLE SHOALS, ALABAMA

Dear Mr. Mashburn:

This letter forwards NRC Form 591, "Safety Inspection," indicating that no items of non-compliance were found during the above described inspection of your licensed activities. Please retain the form in your files.

An exit meeting was held by telephone on August 12, 2005, with Terry Kneuttel from your staff and Bill Raines and James Colagross from Muscle Shoals participating. Mr. Kneuttel advised that cognizant personnel from the Tennessee Valley Authority (TVA) had reviewed the Timeliness Rule and determined that licensed material will no longer be used under NRC Materials License No. 41-25370-01 as of the date of the exit and that TVA will begin decommissioning immediately.

Current NRC regulations and the General Policy and Procedure for NRC Enforcement Actions are available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/what-we-do/regulatory/enforcement> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Your cooperation with us is appreciated.

Sincerely,

Original signed by Orysia Masnyk Bailey

Orysia Masnyk Bailey
Health Physicist
Materials Security and Industrial Branch
Division of Nuclear Materials Safety

Enclosure:
NRC Form 591

cc: James B. Colagross, Radiation Safety Officer

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SISP Review Complete: (OMB)

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