



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

April 1, 2005

10 CFR 30.38

U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406

Gentlemen:

In the Matter of) Docket No. 30-34258
Tennessee Valley Authority)

BY-PRODUCT MATERIAL LICENSE NO. 41-25370-01 - LICENSE AMENDMENT
REQUEST

TVA hereby requests an amendment to subject by-product material
license. The purpose of this amendment is:

- A. To reassign the duties of the Radiation Protection Officer
(RPO); and
- B. To delete references to an individual that will no longer be
associated with the license due to retirement.

Floyd J. Spivey, Jr., (current RPO) is planning to retire and
will no longer be associated with the radiation safety activities
at TVA. TVA is assigning James B. Colagross to the position
(RPO) currently held by Mr. Spivey.

Enclosed is a copy of the proposed amendment that is keyed to NRC
Form 313. Revision bars have been added and the requested
changes to the license have been bolded to highlight the proposed
revisions. Changes are made in License Application Item 7,
"Individual(s) Responsible for Radiation Safety Program and Their
Training Experience," (License Condition 11). Attached to the
Enclosure is the resume for the new RPO.

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REGION I

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NUCLEAR MATERIALS-002

U.S. Nuclear Regulatory Commission
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In accordance with the requirements of 10 CFR 170.11(a)(4), an amendment fee is not required. If you have any questions regarding this amendment request, please contact Terry Knuettel at (423) 751-6673.

Sincerely,

A handwritten signature in black ink, appearing to read "Fredrick C. Mashburn", written over a horizontal line.

Fredrick C. Mashburn
Senior Program Manager
Nuclear Licensing

Enclosures

cc (Enclosures):

Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Mr. Stephen J. Cahill, Chief (2 copies)
Reactor Project Branch 6
U.S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303-8931

NRC FORM 313

(4-2004)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2005

Estimated burden per response to comply with this mandatory collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

03034258

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐

A. NEW LICENSE

☒

B. AMENDMENT TO LICENSE NUMBER 41-25370-01

☐

C. RENEWAL OF LICENSE NUMBER

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

TVA facility located in Muscle Shoals, AL (TVA Reservation) and in temporary TVA jobsites anywhere in the United States

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Tennessee Valley Authority
Sr. Vice President, Nuclear Power
1101 Market Street
Chattanooga, Tennessee 37402-2801

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Terry Knuettel
TELEPHONE NUMBER

(423) 751-6673

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY

AMOUNT
ENCLOSED

\$N/A

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

SIGNATURE

DATE

Fredrick C. Mashburn, Mgr., Nuc. Licensing

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
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\$

APPROVED BY

DATE

ENCLOSURE

TVA's Proposed License Amendment
[Keyed to NRC Form 313]

41-25370-01

License Condition 11

License Application Item 7

Individual(s) Responsible for the Radiation Safety Program
and their Training and Experience

The Radiation Protection Officer (RPO) authorized by this
license is **James B. Colagross** or in his absence, Dr. William
J. Rogers, Alternate Radiation Protection Officer.

ATTACHMENT

Resume

for

James B. Colagross

RESUME

JAMES B. COLAGROSS

WORK EXPERIENCE

June 1999 - Present	TENNESSEE VALLEY AUTHORITY Health Physics Technician, Muscle Shoals, AL
October 1996 - May 1999	Project Manager, Cleaning and Support Services
August 1987 - October 1996	Health Physics Senior Technician, Browns Ferry Nuclear Plant
1983 - 1987	BARTLETT NUCLEAR INC. Health Physics Senior Technician
1979 - 1983	NUMANCO INC. Health Physics Senior Technician
1978 - 1979	TENNESSEE VALLEY AUTHORITY Health Physics Junior Technician

EDUCATION

Attended University of North Alabama, 1972-1973
Radioactive Material Shipping Class, 2002
Hazardous Waste Training Program (HAZWOPER)- 29CFR 1910.120,
2002
CPR/ First Aid Training, 1996
TVAU Facilitator Training, 1995
Philip Plato Panasonic TLD class, 1992

QUALIFICATIONS

Over 20 years health physics experience involving every aspect of commercial nuclear power health physics.

Provided On-The-Job Training (OJT) to health physics technicians in training status.

Professional Accomplishments/Work Experience

Health Physics Technician for TVA non-nuclear program. Responsible for seven NRC licenses for TVA Fossil & Hydro Group. Duties include: leak testing and shutter testing sealed sources, job coverage during contaminated motor repair, shipping and receiving radioactive material.

Health Physics lead technician during chemical decontamination, recirculation system piping cutout and replacement, main condenser tube replacement, control rod blade pin and roller replacement, and numerous other recovery activities on a Boiling Water Reactor (BWR) nuclear plant.

Health Physics lead technician during steam generator repairs, reactor disassembly, seal table repairs, and numerous other outage activities on a Pressurized Water Reactor (PWR) nuclear plant.

This is to acknowledge the receipt of your letter/application dated

4/11/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND- 41-25370-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 136836.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN: : (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
License Fee Management Branch, ARM : Program Code: 03620
and : Status Code: 0
Regional Licensing Sections : Fee Category: EX 3M
: Exp. Date: 20120430
: Fee Comments: 2C DEL PER 9/22/97 REQ
: Decom Fin Assur Req'd: Y
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED
Applicant/Licensee: TENNESSEE VALLEY AUTHORITY
Received Date: 20050407
Docket No: 3034258
Control No.: 136836
License No.: 41-25370-01
Action Type: Amendment

2. FEE ATTACHED
Amount: /
Check No.: /

3. COMMENTS

Signed M. A. Perkins
Date 4/22/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:
Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____