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

April 25, 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)
Tennessee Valley Authority)

Docket No. 30-03572

BY-PRODUCT MATERIAL LICENSE NO. 01-06113-04 - LICENSE
AMENDMENT REQUEST FOR WESTERN AREA RADIOLOGICAL LABORATORY
[WARL]

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

- A. To replace one of the Authorized Users/Supervisors with a new individual;
- B. To delete references to an individual that will no longer be associated with the license.

James W. Dillard has been transferred to another TVA facility and will no longer be associated with the radiation safety activities under the subject material license. TVA is assigning Monica H. Cross to the position (i.e., Authorized User/Supervisor) that was held by Mr. Dillard.

136971

NMSS/RGIN MATERIALS-002

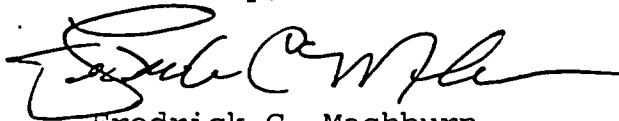
U. S. Nuclear Regulatory
Page 2
April 25, 2005

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 Conditions 11). Attached to the Enclosure is the resume for the new Authorized User/Supervisor.

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", with a stylized flourish at the end.

Fredrick C. Mashburn
Senior Program Manager
Nuclear Licensing

Enclosures

cc (Enclosures):

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

ENCLOSURE

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

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 FS2), 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, NE08-10202, (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

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

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

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

03003572

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 01-06113-04

☐

C. RENEWAL OF LICENSE NUMBER

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

Tennessee Valley Authority
Chief, Nuclear Officer & Executive Vice
President, TVA Nuclear
1101 Market Street, 6A Lookout Place
Chattanooga, TN 37402-2801

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Terry Knuettel

TELEPHONE NUMBER

(423) 751-6673

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Tennessee Valley Authority
Environment Radiological Monitoring &
Instrumentation
Western Area Radiological Laboratory
Muscle Shoals, AL 35660-1010

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 \$

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

Fred Mashburn, Mgr., Nuclear Licensing

SIGNATURE

Terry Knuettel for

DATE

4/25/05

FOR NRC USE ONLY

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

\$

APPROVED BY

DATE

01-06113-04

License Conditions 11
License Application Item 7

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

11. Licensed material shall be used by, or under the supervision of, William L. Raines, Monica H. Cross, or A. Anthony Burzese. (Refer to Attachment for Ms. Cross' resume) |

ATTACHMENT

Resume

for

Monica H. Cross

RESUME

Monica H. Cross

WORK EXPERIENCE

1979 - Present

TENNESSEE VALLEY AUTHORITY
Radiological Chemist, ERM&I,
Muscle Shoals, Alabama

EDUCATION

B.S., Chemistry, University of North Alabama, 1979

WARL Facility Radiation Protection Training - Annual

QUALIFICATIONS

Over 26 years experience in TVA's nuclear power program with responsibilities for calibration and operation of nuclear counting instrumentation, including gamma spectroscopy, alpha/beta counting systems and liquid scintillation counting systems. This included the handling of radioactive standards and the analysis of radioactive samples of various types.

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

4/25/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ *AMERS. 01-06113-04* 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 136871.
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:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 03225
: Status Code: 0
: Fee Category: EX 3N 2C 1D
: Exp. Date: 20140228
: Fee Comments: NOT REACTOR RELATED
: Decom Fin Assur Req'd: Y
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED
Applicant/Licensee: TENNESSEE VALLEY AUTHORITY
Received Date: 20050429
Docket No: 3003572
Control No.: 136971
License No.: 01-06113-04
Action Type: Amendment

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

3. COMMENTS

Signed M. G. Perkins
Date 5/10/2005

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 _____