

FAX Cover Sheet

Page 1 of 8

21 Apr 15

To: NRC Region IV, Licensing,

Mr. Roberto Torres, Phone: (800) 952-9677, FAX: (817) 200-1212

From: U.S. Army Test + Evaluation Command, G2/317

Mr. Gurvis Davis, Phone: (443) 861-9570, FAX: (443) 861-9965

Message:

Please review and process this License Amendment for NRC License Number 43-01316-10. Please change the RSO on this license from Mr. Gerald Hollenback to Mr. Gurvis Davis. The Amendment request follows.

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other: _____

Reviewer: KIRDate: 4-27-15

Respectfully,

Gurvis Davis

Gurvis Davis

ATEC Radiation Safety Staff Officer

(

586611



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY DUGWAY PROVING GROUND
DUGWAY UT 84022-5000

TEDT-DP-CO

MEMORANDUM THRU U.S. Army Test and Evaluation Command (ATEC), Plans and Operations Directorate (CSTE-OP/Mr. Gurvis Davis) 2202 Aberdeen Boulevard, Aberdeen Proving Ground, MD 21005-5001



FOR U.S. Nuclear Regulatory Commission – Region IV, (ATTN: Ms. Carol Hill), 1600 E. Lamar Blvd. Arlington, TX 76011-4511

SUBJECT: Amendment to Nuclear Regulatory Commission (NRC) License Number 43-01316-10

1. I request my NRC license be amended to change the Radiation Safety Officer (RSO) from Mr. Gerald Hollenback to Mr. Gurvis Davis. My license will also be amended to reflect change in individuals working in or frequenting restricted areas.
2. Mr. Davis' RSO qualifications and experience are outlined in the enclosure.
3. Point of contact is Mr. Jerry Hollenback, DPG Radiation Safety Officer, 435-831-5202, email: Gerald.d.hollenback.civ@mail.mil, or Mr. Gurvis Davis, ATEC Radiation Safety Staff Officer, 443-861-9705, email: gurvis.davis.civ@mail.mil.
4. TEAM DUGWAY – Empowering The Nation's Defenders!

Encl


RONALD P. FIZER
Colonel, CM
Commanding

NRC FORM 313 (03-2014) 10 CFR 30, 32, 33, 34 35, 36, 37, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION <div style="text-align: center;">  APPLICATION FOR MATERIALS LICENSE </div>	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 06/31/2015 Estimated burden per response to comply with this mandatory collection request: 4.3 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 FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollections.Resource@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.				
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. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.						
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS 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, 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 2100 RENAISSANCE BOULEVARD, SUITE 103 KING OF PRUSSIA, PA 19406-2713		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 II 2443 WARRENVILLE ROAD, SUITE 210 Lisle, IL 60532-4352 ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, 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 1800 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511				
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) <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER 43-01316-10 <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER		2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) Department of the Army Commander U.S. Army Dugway Proving Ground Dugway, Utah 84022-5007				
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED U.S. Army Dugway Proving Ground Dugway, Utah 84022-5007		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Gerald Hollenback <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">BUSINESS TELEPHONE NUMBER (435) 831-5202</td> <td style="width:50%;">BUSINESS CELLULAR TELEPHONE NUMBER (435) 840-1218</td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS gerald.d.hollenback.civ@mail.mil</td> </tr> </table>	BUSINESS TELEPHONE NUMBER (435) 831-5202	BUSINESS CELLULAR TELEPHONE NUMBER (435) 840-1218	BUSINESS EMAIL ADDRESS gerald.d.hollenback.civ@mail.mil	
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BUSINESS EMAIL ADDRESS gerald.d.hollenback.civ@mail.mil						
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 (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)				
FEE CATEGORY 3P		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, 37, 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 Ronald F. Fizer, Colonel, CM, Commanding		SIGNATURE 				
DATE 7/16/2015						
FOR NRC USE ONLY						
TYPE OF CASE	FILE NO.	FEE CATEGORY				
AMOUNT RECEIVED	CHECK NUMBER	COMMENTS				
APPROVED BY	DATE					

Supplement A

**TRAINING AND EXPERIENCE FOR INDIVIDUAL
RESPONSIBLE FOR RADIATION SAFETY**

ITEM 7 CONTINUED

DELETE: All information for Jerry D. Hollenback

ADD: Information for Gurvis Davis

NRC Form 313
Items 5 through 11

ITEM 7. INDIVIDUAL RESPONSIBLE FOR RADIATION SAFETY PROGRAM

DELETE:

Jerry D. Hollenback, RSO

ADD:

Gurvis Davis, RSO, - see attached (Supplement A)

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

DELETE:

Jerry D. Hollenback
Royce A. Bruce

ADD:

Tory Flinders*
Scott Wendt*
Philip Krippner*
Gurvis Davis

*Before using licensed material, authorized users will receive training described in Appendix G, NUREG 1556, Vol 5, "Consolidated Guidance about Materials Licenses; Program Specific Guidance about Self Shielded Irradiator Licenses," dated October 1998

RADIOLOGICAL TRAINING AND EXPERIENCE OF GURVIS DAVIS

1. Training

<u>TYPE OF TRAINING</u>	<u>WHERE TRAINED</u>	<u>DURATION</u>	<u>JOB</u>	<u>COURSE</u>
a. Principles of Radiation Protection	Louisiana Stat Univ.	1 week	No	Yes
	Oak Ridge Assoc, Univ TN	5 weeks	No	Yes
	Health Physics Ofc, ATC	18 years	Yes	No
	Reactor Facility, ATC	17 years	Yes	No
	Health Phys Ofc, ATEC/DTC	7 years	Yes	No
	Health Physics Ofc, ARL	16 weeks	Yes	No
b. Radioactivity Measurement Protection	Louisiana Stat Univ.	1 week	No	Yes
	Oak Ridge Assoc, Univ TN	5 weeks	No	Yes
	Health Physics Ofc, ATC	18 years	Yes	No
	Reactor Facility, ATC	17 years	Yes	No
	Health Phys Ofc, ATEC/DTC	7 years	Yes	No
	Health Physics Ofc, ARL	16 weeks	Yes	No
c. Mathematics & Calculation Basic to the Use and Measurement of Radioactivity	Louisiana Stat Univ.	1 week	No	Yes
	Oak Ridge Assoc, Univ TN	5 weeks	No	Yes
	Health Physics Ofc, ATC	18 years	Yes	No
	Reactor Facility, ATC	17 years	Yes	No
	Health Phys Ofc, ATEC/DTC	7 years	Yes	No
	Health Physics Ofc, ARL	16 weeks	Yes	No
	St. Mary's Coll of MD	4 years	No	Yes
	Central Mich Univ.	16 weeks	No	Yes
d. Biological Effect of Radiation	Louisiana Stat Univ.	1 week	No	Yes
	Oak Ridge Assoc, Univ TN	5 weeks	No	Yes
	Health Physics Ofc, ATC	18 years	Yes	No
	Reactor Facility, ATC	17 years	Yes	No
	Health Phys Ofc, ATEC/DTC	7 years	Yes	No
	Health Physics Ofc, ARL	16 weeks	Yes	No
	St. Mary's Coll of MD	4 years	No	Yes
	Central Mich Univ.	16 weeks	No	Yes
e. Source Material Hazards (DU)	Louisiana Stat Univ.	1 week	No	Yes
	Oak Ridge Assoc, Univ TN	5 weeks	No	Yes
	Health Physics Ofc, ATC	18 years	Yes	No
	Reactor Facility, ATC	17 years	Yes	No
	Health Phys Ofc, ATEC/DTC	7 years	Yes	No
	Health Physics Ofc, ARL	16 weeks	Yes	No
f. CO 60 Irradiators	Reactor Facility, ATC	17 years	Yes	No

(DAVIS, GURVIS)

2. Experience:

Mr. Davis has a BS in Biology from St. Mary's College in St. Mary's City, MD. He earned his Master's Degree in Health Service Administration from Central Michigan University. From August to December 1984, Mr. Davis served as a Health Physicist's Assistant at the U.S. Army Ballistic Research Laboratory, providing Health Physics services at the electropolishing and compacting facilities. From July 1988 to October 2004, Mr. Davis served as a U.S. Army Aberdeen Test Center (ATC) Health Physicist/alternate Radiation Safety Officer (RSO) for all of ATC, Health Physics operator and staff Health Physicist at the Army Pulse Reactor Facility (APRF). From October 2004 to January 2008, Mr. Davis served as the Alternate Radiation Safety Officer for the U.S. Army Test and Evaluation Command (ATEC), U.S. Army Developmental Test Command (DTC) and ATC. From January 2009 to June 2011, Mr. Davis served as the RSO for ATEC, DTC, ATC and U.S. Army Yuma Proving Ground (YPG). From June 2011 to present, Mr. Davis serves as the RSO for ATEC, ATC and YPG.

3. Education:

- a. Health Physics Principles, Louisiana State Univ., 88
- b. Radioactive Materials Shipping, USACE., 08
- c. Applied Health Physics, Oak Ridge Assoc Univ., TN, 90
- d. Laser and Microwave Hazards, U.S. Army Environmental Hygiene Agency (AEHA), 89
- e. Defense Hazardous Materials Handling, US Army, 90
- f. Executive Environmental & Hazardous Materials Seminar, Ft Lee, VA, 91
- g. Health Physics Certification Review Course, HP Society, 91
- h. Army Management Staff College, Ft Belvoir, VA, 95
- i. Advanced Health Physics Review Course, Farmers Admin Trng Ctr, 95
- j. Laser & Radiofrequency Radiation Hazards, AEHA, 95
- k. Radioactive Waste Packaging, Trans & Disposal, Columbia, SC, 94
- l. U.S. Army Explosive Safety Course, USADACS, 94
- m. Radiological Health, Drexel Univ, 93
- n. Environmental Monitoring, Oak Ridge, TN, 93
- o. Fundamental of System Acquisition Management, St Louis, MO, 93
- p. Test & Evaluation Management Course, Ft Belvoir, VA, 93
- q. Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM), ORAU, 07
- r. Radioactive Materials Shipping, US Army CECOM, 2012

4. Job Assignments:

- a. Health Physicist's Assistant BRL/ARL Health Physics Office
- b. Health Physicist, ATC Health Physics Office
- c. Health Physics Console Operator, APRF
- d. Member of Inspection Team for Army Reactors
- e. Member ATEC Surety Board
- f. ATEC Radiation Staff Safety Officer
- g. DTC Radiation Safety Officer
- h. ATC Radiation Safety Officer
- h. Member, DA Radiation Safety Council
- i. Member, Army Reactor Council
- j. Member, APG Nuclear Surety Board
- k. Member, ATC Radiation Safety Committee
- l. Member, APG Radiation Control Committee

m. Member, Reactor Test Planning Committee

(DAVIS, GURVIS)

n. Alternate Radiation Safety Officer

- o. Alternate Contracting Officer's Representative
- p. Alternate ATEC Radiation Safety Officer
- q. Alternate DTC Radiation Safety Officer
- r. Alternate ATC Radiation Safety Officer
- s. YPG Radiation Safety Officer
- t. Alternate Member, DA Radiation Safety Council
- u. Alternate Member, Army Reactor Council
- v. Member ATEC Nuclear Surety Board

5. Use of Ionizing Radiation:

- a. Large Co-60 Irradiators
- b. Plutonium-239 Sources up to 80 gms
- c. Californium-252 Neutron Source
- d. Accelerators, C-W
- e. Fast Pulse Reactors
- f. Miscellaneous Sources of Ionizing Radiation Used at Radiation Laboratories and Reactors
- g. Depleted Uranium Penetrators

6. Publications:

- a. APRF Annual Environmental Monitoring Reports
- b. APRF Annual Operating Reports
- c. Technical PowerPoint Presentation on Lessons Learned from Shut-down to Decommission Plan at the Army Pulse Radiation Facility (APRF), 2010 Waste Management Symposia



DATE

04/21/2015

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Department of the Army
ATTN: Commander
U.S. Army Dugway Proving Ground
Dugway, Utah 84022-5000

LICENSE NUMBER

43-01316-10

MAIL CONTROL NUMBER

586611

LICENSING AND/OR TECHNICAL REVIEWER

CH

This is to acknowledge the receipt of your:

☒ LETTER and/or ☐ APPLICATION DATED: 04/21/2015

The initial processing, which included an administrative review, has been performed.

☒ AMENDMENT ☐ TERMINATION ☐ NEW LICENSE ☐ RENEWAL

- ☐ There were no administrative omissions identified during our initial review.
- ☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.
- ☐ Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Boulevard
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140

✓4/22

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

Program Code: 03520
Status Code: Pending Amendment
Fee Category: 3E
Exp. Date:
Fee Comments:
Decom Fin Assur Req: Y

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: Department of the Army, U.S. Army Dugway Proving Ground
Received Date: 04/21/2015
Docket Number: 3036202
Mail Control Number: 586611
License Number: 43-01316-10
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

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: _____