



**DEPARTMENT OF THE ARMY**  
**CORPS OF ENGINEERS, PORTLAND DISTRICT**  
**U S GOVERNMENT MOORINGS**  
**8010 NW ST HELENS ROAD**  
**PORTLAND OR 97210-3699**

**Mail Control Number: 624924**

**Docket Number : 3019774**

**License Number : 36-14803-02**

**Licensee Name : Department of the Army**

February 16, 2021

U.S. Nuclear Regulatory Commission  
Region IV Division of Nuclear Materials Safety Nuclear Materials Licensing Branch  
ATTN: Roberto J. Torres  
Branch Chief  
1600 East Lamar Boulevard  
Arlington, Texas 76011-4511

SUBJECT: Amendment 18 to Materials License 36-14803-02

The U.S. Army Corps of Engineers, U.S. Government Moorings would like to request the following amendments to its Materials License.

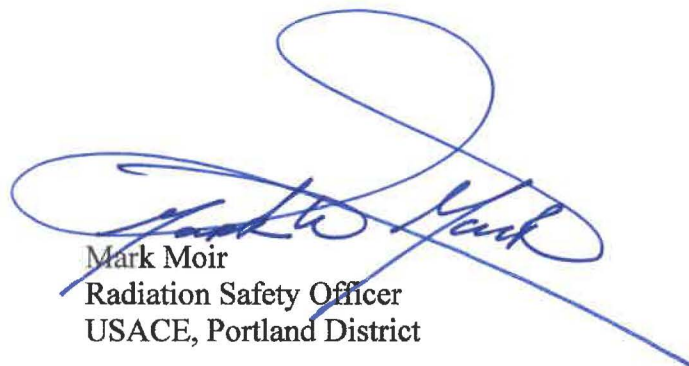
1. This amendment will make the following changes to the Radiation Protection Program:

12.A Replace Gregory B. Vincent as Radiation Safety Officer (RSO) for this license due to retirement and designate Mark Moir as the new RSO. A copy of Mr. Moir's certificate of completion from Thermo Fisher Scientifics' 40hr Radiation Safety Training is enclosed. This training meets the criteria found in section 8.7.1 of NUREG-1556, Volume 4, dated October 1998.

If additional clarification is needed please contact me at (360) 607-6478 or by email at mark.w.moir@usace.army.mil.

Thank you for your assistance.

RECEIVED  
MAR 22 2021  
DNMS

  
Mark Moir  
Radiation Safety Officer  
USACE, Portland District

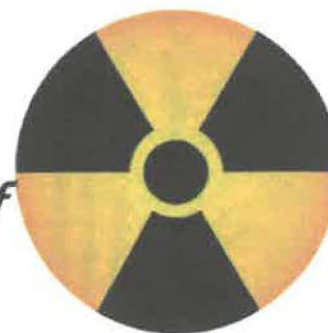
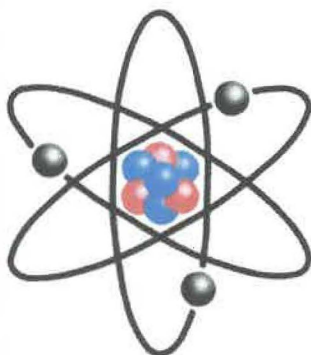
# Certificate of Completion

**ThermoFisher**  
SCIENTIFIC

*This certificate is awarded to*

**Mark Moir**

*For the successful completion of*



**40 Hour Radiation Safety Officer Course for Fixed  
Gauge Users**

*Granted: 12 February 2021*

Titus T. Rogers, Radiation Safety Trainer  
1-800-437-7979 [www.Thermoscientific.com](http://www.Thermoscientific.com)



*Thermo Fisher Scientific  
Radiation Safety Officer Outline*

**Monday**

08:00 - 09:00	Welcome and Introduction
09:00 - 09:40	Radiation Physics and Video
09:40 - 10:50	Radiation Physics and Math
10:50 - 11:00	Break
11:00 - 12:00	Radiation Physics and Math
12:00 - 1:00	Lunch
1:00 - 2:00	Radiological Effects of Time and Distance
2:00 - 2:10	Break
2:10 - 3:20	Radiological Effects of Time and Distance
3:20 - 5:00	Home Work #1

**Tuesday**

08:30 - 09:00	Home Work #1 Review
09:00 - 09:10	Break
09:10 - 10:10	Exposure, Time and Distance, Inverse Square Law
10:10 - 11:00	Inverse Square Law Shielding (Half-value-layers)
11:00 - 11:10	Break
11:10 - 12:00	Shielding (Dose calculations)
12:00 - 1:00	Lunch
1:00 - 1:50	Biological (Contamination, Internal Exposure, radiation injury)
1:50 - 2:00	Break
2:00 - 3:00	Biological (Long Term Effects, Background Radiation, Risk Estimates)
3:00 - 5:00	Homework #2

**Wednesday**

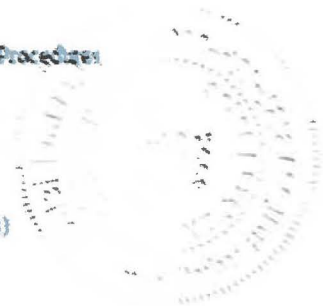
08:30 - 09:00	Homework #2 Review
09:00 - 10:00	Licensing and Regulations
10:00 - 10:15	Break
10:15 - 12:00	Licensing and Regulation
12:00 - 1:00	Lunch
1:00 - 2:40	Radiation Protection Program, ALARA, and Emergency Procedures
2:40 - 3:50	Transportation and Shipping
3:50 - 4:00	Break
4:00 - 5:00	Homework #3

**Thursday**

08:30 - 09:00	Homework #3 Review
09:00 - 10:00	Instrumentation (Radiation Detection, Types of Detectors)
10:00 - 10:10	Break
10:10 - 11:10	Detectors (continued) Personnel Monitoring
11:10 - 12:00	Industrial Applications
12:00 - 1:00	Lunch
1:00 - 1:50	Survey meter, techniques and Leak Testing
1:50 - 2:00	Break
2:00 - 3:00	Plant Tour, Hands-on, Source Load and Leak Test Lab
3:00 - 5:00	Industrial Gauge Installation, Relocation, and Removal
5:00 - 6:00	Homework and Review of Homework #4

**Friday**

08:30 - 11:30	Final Exam (Closed Book)
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# *Certificate of Training*

This is to certify that

**Mark Moir**

Has successfully completed general awareness, function-specific, and safety training applicable to the transport of nuclear gauging devices, and has been tested on these subjects as required by 49CFR172 Subpart H.

Date Issued: February 12, 2021      Expires: February 12, 2024



12320 Cardinal Meadow, Sugar Land, Texas 77478



Titus T. Rogers, Radiation Safety Trainer  
1-800-437-7979 [www.Thermoscientific.com](http://www.Thermoscientific.com)





US ARMY CORPS OF ENGINEERS  
8010 N.W. ST HELENS ROAD  
ATTN: MARK W. MOIR  
PORTLAND, OR 97210

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL



7019 0700 0000 6449 8393



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MAR 22 2021  
DNMS



US NUCLEAR REGULATORY COMMISSION  
REGION IV DIVISION OF NUCLEAR  
MATERIAL LICENSING BRANCH

ATTN: ROBERTO TORRES  
BRANCH CHIEF

1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS

76011-4511



**ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE**

**Name and Address of Applicant and/or Licensee**

Gregory B. Vincent  
Radiation Safety Officer  
Department of the Army  
Portland District, Corps of Engineers  
8010 NW Saint Helens Road  
Portland, Oregon 97210-3699

**Date**

03/22/2021

**License Number(s)**

36-14803-02

**Mail Control Number(s)**

624924

**Licensing and/or Technical Reviewer or Branch**

C. Hill

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 02/16/2021

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 complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>  
Follow the instructions on the form for submission.

☐ The following administrative omissions have been identified:

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**

## Accounts Receivable/Payable and Regional Licensing Branches

Program Code: 03120  
Status Code: Pending Amendment  
Fee Category: 3P  
Exp. Date: 03/31/2023  
Fee Comments:  
Decom Fin Assur Req: N

### A. REGION

Applicant/Licensee: Department of the Army  
Received Date: 03/22/2021  
Docket Number: 3019774  
Mail Control Number: 624924  
License Number: 36-14803-02  
Action Type: Amendment

Check No.: N/A

Date: 03/22/2021

License:

## Date:



Agency: NRC

## WBL WORKSHEET

DOCKET NUMBER: 3019774	LICENSE NUMBER: 36-14803-02	STATUS: Pending Amendment
MAIL CONTROL NUMBER: 624924	RECEIPT DATE: 03/22/2021	ACTION TYPE: Amendment
DUE DATE: 06/20/2021	INST. CODE: 14803	LICENSE REGION: Region 4
LICENSE TYPE: 30	ENTITY TYPE: G	LICENSE GROUP: Industrial
ISSUE DATE:	ORIGINAL DATE: 08/20/1987	EXPIRATION DATE: 03/31/2023
DECOMMISSIONING CATEGORY: Group 1	LAST ISSUE DATE:	
LICENSEE NAME: Department of the Army	DECOM FIN ASSUR REQD: N SUBM: N	
MAILING ADDRESS LINE1: 8010 Northwest Saint Helens Road	CONT PLAN REQD: N	APPRV: N
MAILING ADDRESS LINE 2:		
CITY: Portland	STATE: OR	ZIP: 97210-3699
CONTACT PERSON: PREFIX: Mr.	FIRST NAME: Mac	MIDDLE INITIAL: E.
LAST NAME: Robison	SUFFIX:	
JOB TITLE:	PHONE: 503-326-5636 FAX: 503-808-5416	EMAIL:
BILLING ADDRESS LINE 1:		
BILLING ADDRESS LINE 2:		
CITY:	STATE: Oregon	ZIP:
BILLING CONTACT PERSON: FIRST NAME:	MIDDLE INITIAL:	LAST NAME:
PHONE:	EMAIL:	FAX:
PRIMARY PGM CODE: 03120	SECONDARY PGM CODE:	
INSPECTION REGION: Region 4	PRIORITY: 5	
RSO: PREFIX:	FIRST NAME: Gregory	MIDDLE INITIAL: B. LAST NAME Vincent
SUFFIX:	RSO JOB TITLE:	
RSO PHONE: 503-808-5438	RSO FAX: 503-808-5416	RSO EMAIL: Gregory.B.Vincent@USACE.ARMY.MIL
STATES WHERE USE IS AUTHORIZED: 1	0- ALL LISTED STATES 1- SAME AS STATE IN ADDRESS 2- ALL STATES 3- NON-AGREEMENT-STATES	
AUTHORIZED STATES (USE ONLY IF ABOVE IS ZERO):		