

NRC FORM 313  
(03-2014)  
10 CFR 30, 32, 33, 34  
35, 36, 37, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 05/31/2015

# APPLICATION FOR MATERIALS LICENSE

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 FOR, 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](mailto: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  
21 00 RENAISSANCE BOULEVARD, SUITE 106  
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 III  
2443 WARRENVILLE ROAD, SUITE 21 0  
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  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

PUBLIC  
Internal Release  
Non-Public  
Alternative-Security Related  
Date: 9/15/14

**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
- C. RENEWAL OF LICENSE NUMBER 03-25880-01

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

Anderson Engineering Consultants, Inc.  
10205 Rockwood Road  
Little Rock, AR 72204

**3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED**

10205 Rockwood Road  
Little Rock, AR 72204

3217 Neil Circle  
Jonesboro, AR 72401

RECEIVED  
SEP 15 2014

Temporary job sites of the licensee anywhere in the United States

**4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

Patsy L. Ford

**BUSINESS TELEPHONE NUMBER**

501/455-4545

**BUSINESS CELLULAR TELEPHONE NUMBER**

501/912-2661

**BUSINESS EMAIL ADDRESS**

aecigeo@comcast.net

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. **See Attached Item 5.**

**6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. See Attached Item 6**

**7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE. See Attached Item 7**

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

**9. FACILITIES AND EQUIPMENT. See Attached Item 9**

**10. RADIATION SAFETY PROGRAM. See Attached Item 10**

**11. WASTE MANAGEMENT. See Attached Item 11**

**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.**

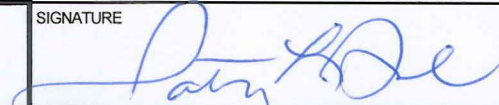
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2 CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND 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**

Patsy L. Ford, Radiation/Health/Safety Officer

**SIGNATURE**



**DATE**

09/11/14

**FOR NRC USE ONLY**

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



ITEMS 5 AND 6

ITEM	RADIOISOTOPE	MANUFACTURER AND MODEL NUMBER OF SEALED SOURCE	MANUFACTURER AND MODEL NUMBER OF GAUGING DEVICE	QUANTITY
A	Americium-241 Beryllium	Troxler Electronics Drawing No. A-102451	Troxler Electronics Model 3400 Series Surface Moisture/Density Gauges	960 millicuries total. No single source to exceed 40 millicuries.
B	Cesium-137	Troxler Electronics Drawing No. A-102112	Troxler Electronics Model 3400 Series Surface Moisture/Density Gauges	216 millicuries total. No single source to exceed 9 millicuries.
C	Americium-241 Beryllium	Troxler Electronics Drawing No. A-100608	Troxler Electronics Model 3241-C Asphalt Content Gauge	100 millicuries total. No single source to exceed 100 millicuries.
D	Americium-241 Beryllium	Troxler Electronics Drawing No. A-102451	Troxler Electronics Model 3216 Surface Moisture Gauge	40 millicuries total. No single source to exceed 40 millicuries.

Items A and B will be used in Troxler Model 3400 series for moisture and density measurements to measure physical properties of materials.

Item C will be used in Troxler Model 3241-C for the asphalt content measurements.

Item D will be used in Troxler Model 3216 for moisture measurements.

## ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
<b>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE - RADIATION SAFETY OFFICER</b>  Name: <u>Patsy L. Ford</u>	Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</b>	Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>9. FACILITIES AND EQUIPMENT</b>	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program - Public Dose" and "Radiation Safety Program - Operating and Emergency Procedures."	<b>Separate Item 9 Response Need Not Be Submitted With Application</b>	
<b>10. RADIATION SAFETY PROGRAM - AUDIT PROGRAM</b>	The applicant is not required to, and should not, submit its audit program to NRC for review during the licensing phase.	<b>Need Not Be Submitted With Application</b>	
<b>10. RADIATION SAFETY PROGRAM- TERMINATION OF ACTIVITIES</b>	The applicant is not required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.	<b>Need Not Be Submitted With Application</b>	
<b>10. RADIATION SAFETY PROGRAM - SURVEY INSTRUMENTS</b>	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program - Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	<input checked="" type="checkbox"/>	<input type="checkbox"/>





**ANDERSON ENGINEERING CONSULTANTS, INC.**

10205 ROCKWOOD ROAD  
 LITTLE ROCK, ARKANSAS 72204  
 PHONE 501-455-4545 FAX 501-455-4552

**LETTER OF TRANSMITTAL**

DATE 09/11/14	JOB NO. ---
ATTENTION Licensing Branch	
RE: Renewal of Materials License	
No. 03-25880-01	

TO Nuclear Materials Licensing Branch/U.S. NRC, Region IV  
1600 East Lamar Boulevard  
Arlington, Texas 76011-4511

WE ARE SENDING YOU  Attached  Under separate cover via \_\_\_\_\_ the following items:

- Shop Drawings       Prints       Plans       Samples       Specifications  
 Copy of Letter       Change Order       Application

COPIES	DATE	NO.	DESCRIPTION
1	09/11/14		Application for Renewal of Materials License

THESE ARE TRANSMITTED as checked below:

- For approval       Approved as submitted       Resubmit \_\_\_\_\_ copies for approval  
 For your use       Approved as noted       Submit \_\_\_\_\_ copies for distribution  
 As requested       Returned for corrections       Return \_\_\_\_\_ corrected prints  
 For review and comment       \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_       PRINTS RETURNED AFTER LOAN TO US

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Thank you,

**RECEIVED**

COPY TO \_\_\_\_\_

SIGNED: Patsy L. Ford, RSO/HSO, CESCO

SEP 15 2014

*If enclosures are not as noted, kindly notify us at once.*

DNMS

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ANDERSON ENGINEERING CONSULTANTS, INC.  
10205 W. ROCKWOOD ROAD  
LITTLE ROCK, AR 72204

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09/11/2014  
US POSTAGE

RECEIVED  
SEP 15 2014

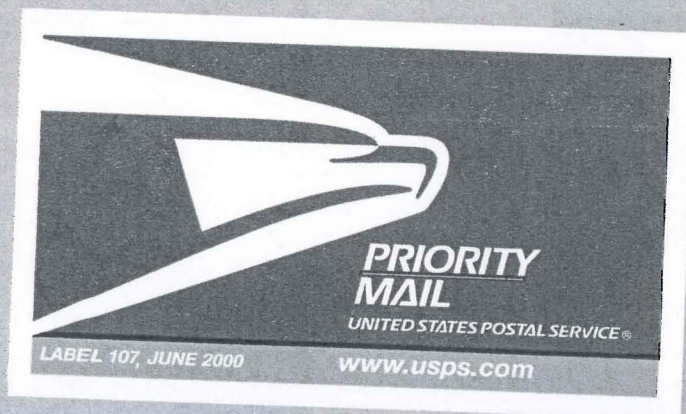
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DNMS

TO:

Nuclear Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region IV  
1600 East Lamar Boulevard  
Arlington, TX 76011-4511



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SEP 15 2014

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BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM WBL

Program Code: 03121  
Status Code: Pending Renewal  
Fee Category: 3P  
Exp. Date:  
Fee Comments:  
Decom Fin Assur Reqd: N

## License Fee Worksheet - License Fee Transmittal

### A. REGION

#### 1. APPLICATION ATTACHED

Applicant/Licensee: ANDERSON ENGINEERING CONSULTANTS,  
Received Date: 09/15/2014  
Docket Number: 3030424  
Mail Control Number: 584786  
License Number: 03-25880-01  
Action Type: Renewal

#### 2. FEE ATTACHED

Amount: \_\_\_\_\_

Check No.: \_\_\_\_\_

#### 3. COMMENTS

Signed: Carl L. Hue

Date: 9/16/14

### 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: \_\_\_\_\_





DATE  
09/16/2014

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Anderson Engineering Consultants, Inc.  
ATTN: Patsy L. Ford  
10205 Rockwood Road  
Little Rock, Arkansas 72204

LICENSE NUMBER

03-25880-01

MAIL CONTROL NUMBER

584786

LICENSING AND/OR TECHNICAL REVIEWER

CH

This is to acknowledge the receipt of your:

LETTER and/or  APPLICATION      DATED: 09/11/2014

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

*9/16*