

Hill, Carol

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**From:** Gilliland, Zach T <Zach.Gilliland@talenergy.com>  
**Sent:** Wednesday, March 11, 2020 1:56 PM  
**To:** Hill, Carol  
**Subject:** [External\_Sender] Amendment Request for License #25-18011-01  
**Attachments:** Form 313 Amendment.pdf; Ammendment Letter March 2020.pdf; 2017 Nuclear Gauge User Certificate.pdf; 2017 RSO Certificate.pdf; 2018 Nuclear Guage User Certificate.pdf; 2019 Nuclear Gauge User Certificate.pdf; 2020 Nuclear Gauge User Certificate.pdf; 2020 RSO Certificate.pdf

Carol,

Talen Montana is currently licensed to possess and use specific licensed fixed nuclear gauges at our coal-fired power plant. Marie Felice-Luebeck, our current Radiation Safety Officer (RSO), is retiring March 31st, 2020. I will be taking Marie's place, and I am requesting an amendment to our license to list me as the RSO.

Attached is NRC Form 313, a letter explaining the reason and justification for the RSO change, and my certifications.

If you have any questions, please contact me.

Sincerely,

**Zach Gilliland**

Safety Professional | Talen Energy


[Zach.Gilliland@TalenEnergy.com](mailto:Zach.Gilliland@TalenEnergy.com)

Office: 406.748.5027 | Mobile: 406.539.0126

[www.TalenEnergy.com](http://www.TalenEnergy.com) | 580 Willow Ave, Colstrip, MT 59323

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**Mail Control Number: 618787**  
**Docket Number : 3014344**  
**License Number : 25-18011-01**  
**Licensee Name : Talen Montana, LLC**

<b>NRC FORM 313</b> (01-2020) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40	 <b>U.S. NUCLEAR REGULATORY COMMISSION</b>  <b>APPLICATION FOR MATERIALS LICENSE</b>	<b>APPROVED BY OMB: NO. 3150-0120</b> <span style="float: right;"><b>EXPIRES: 01/31/2023</b></span> 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 Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to <a href="mailto:infocollects.Resource@nrc.gov">infocollects.Resource@nrc.gov</a> , 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.
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**INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1656/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

<b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b> MATERIALS SAFETY LICENSING BRANCH DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001  <b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b>  <b>IF YOU ARE LOCATED IN:</b> 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,  <b>SEND APPLICATIONS TO:</b> LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19408-2713	<b>IF YOU ARE LOCATED IN:</b> 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  <b>IF YOU ARE LOCATED IN:</b> 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,  <b>SEND APPLICATIONS TO:</b> NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511
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**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.**

<b>1. THIS IS AN APPLICATION FOR (Check appropriate item)</b> <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>25-18011-01</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	<b>2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)</b> Zach Gilliland P.O. Box 511 Colstrip, MT 59323
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<b>3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED</b>  Colstrip Power Plant 580 Willow Road Colstrip, MT 59323	<b>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</b> Zach Gilliland  <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"><b>BUSINESS TELEPHONE NUMBER</b> (406) 748-5027</td> <td style="width:50%;"><b>BUSINESS CELLULAR TELEPHONE NUMBER</b> NA</td> </tr> <tr> <td colspan="2"><b>BUSINESS E-MAIL ADDRESS</b> Zach.Gilliland@Talenergy.com</td> </tr> </table>	<b>BUSINESS TELEPHONE NUMBER</b> (406) 748-5027	<b>BUSINESS CELLULAR TELEPHONE NUMBER</b> NA	<b>BUSINESS E-MAIL ADDRESS</b> Zach.Gilliland@Talenergy.com	
<b>BUSINESS TELEPHONE NUMBER</b> (406) 748-5027	<b>BUSINESS CELLULAR TELEPHONE NUMBER</b> NA				
<b>BUSINESS E-MAIL ADDRESS</b> Zach.Gilliland@Talenergy.com					

**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.**


<b>5. RADIOACTIVE MATERIAL</b> a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.	<b>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</b>  <b>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.</b>  <b>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</b>  <b>9. FACILITIES AND EQUIPMENT.</b>  <b>10. RADIATION SAFETY PROGRAM.</b>  <b>11. WASTE MANAGEMENT.</b>
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**12. LICENSE FEES (Fees required only for new applications, with few exceptions\*) (See 10 CFR 170 and Section 170.31)**  
 \*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

<b>FEE CATEGORY</b>	<b>AMOUNT ENCLOSED \$</b>
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**PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.**

**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.

<b>CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE</b> Zach Gilliland	<b>SIGNATURE</b> 	<b>DATE</b> 3-11-2020
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
<b>APPROVED BY</b>				<b>DATE</b>	

US Nuclear Regulatory Commission  
ATTN: Carol L. Hill  
Licensing Assistant  
1600 E. Lamar Blvd.  
Arlington, TX 76011-4511

March 11, 2020

Subject: License Amendment Request for License #25-18011-01

Talen Montana  
Colstrip Power Plant  
P.O. Box 38  
Colstrip, MT 59323

Dear Carol;

Talen Montana is currently licensed to possess and use specific licensed fixed nuclear gauges at our coal-fired power plant.

Marie Felice-Luebeck, our current Radiation Safety Officer (RSO), is retiring March 31st, 2020. I will be taking Marie's place, and I am requesting an amendment to our license to list me as the RSO.

I have a Bachelor of Science in Occupational Safety and Health from Montana Tech of the University of Montana. This OSH degree is accredited as a safety program by the Applied Science Accreditation Commission of ABET. One of the required courses is Industrial Hygiene II - Physical Hazards. The basis for this course was anticipation, recognition, evaluation, and control of physical stresses in the work environment, which included the development and interpretation of the exposure standards for ionizing and nonionizing radiation.

Additionally, I have been trained as an RSO since 2017, and I receive annual Authorized User Training. My supervisor, Todd Wulf, is a trained RSO and will assist me with the program as needed.

I am attaching the NRC Form 313 and my past and current RSO certificates.

Sincerely,



Zach Gilliland  
406-748-5027

# Certificate of Completion

PRESENTED BY  
RADIATION SOLUTIONS, LLC  
TO

## Zack Gilliland

HAS SUCCESSFULLY COMPLETED THE RADIATION SAFETY AND NUCLEAR  
GAUGE USER SAFETY TRAINING IN ACCORDANCE WITH THE  
REQUIREMENTS OF NUREG 1556 VOL 4, 10 CFR PARTS 19 & 20, AND DOT  
HAZMAT REQUIREMENTS IN 49 CFR 172.

  
\_\_\_\_\_  
J.C. O'RULLIAN, TRAINER

Colstrip, MT

\_\_\_\_\_  
MARCH 1, 2017



# Certificate of Completion

PRESENTED BY  
RADIATION SOLUTIONS, LLC  
TO

# Zack Gilliland

HAS SUCCESSFULLY COMPLETED THE RADIATION SAFETY OFFICER  
TRAINING IN ACCORDANCE WITH THE REQUIREMENTS OF NUREG 1556  
VOL 4, 10 CFR PARTS 19, 20 & 30, AND DOT HAZMAT 49 CFR 172.

  
\_\_\_\_\_  
J.C. O'RULLIAN, TRAINER

Colstrip, MT  
\_\_\_\_\_

MARCH 2, 2017

# Certificate of Completion

PRESENTED BY  
RADIATION SOLUTIONS, LLC  
TO

## Zach Gilliland

HAS SUCCESSFULLY COMPLETED THE RADIATION SAFETY AND NUCLEAR  
GAUGE USER SAFETY TRAINING IN ACCORDANCE WITH THE  
REQUIREMENTS OF NUREG 1556 VOL 4, 10 CFR PARTS 19 & 20, AND DOT  
HAZMAT REQUIREMENTS IN 49 CFR 172.



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J.C. O'RULLIAN, TRAINER

Colstrip, MT

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FEBRUARY 28, 2018



# Certificate of Completion

PRESENTED BY  
RADIATION SOLUTIONS, LLC  
TO

# Zach Gilliland

HAS SUCCESSFULLY COMPLETED THE RADIATION SAFETY AND NUCLEAR  
GAUGE USER SAFETY TRAINING IN ACCORDANCE WITH THE  
REQUIREMENTS OF NUREG 1556 VOL 4, 10 CFR PARTS 19 & 20, AND DOT  
HAZMAT REQUIREMENTS IN 49 CFR 172.



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JON O'RULLIAN, TRAINER

Colstrip, MT

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FEBRUARY 28, 2019



# Certificate of Completion

PRESENTED BY  
RADIATION SOLUTIONS, LLC.  
TO

# Zach Gilliland

HAS SUCCESSFULLY COMPLETED THE RADIATION SAFETY AND NUCLEAR  
GAUGE USER SAFETY TRAINING IN ACCORDANCE WITH THE  
REQUIREMENTS OF NUREG 1556 VOL 4, 10 CFR PARTS 19 & 20, AND DOT  
HAZMAT REQUIREMENTS IN 49 CFR 172.

  
\_\_\_\_\_  
JON O'RULLIAN, TRAINER

Colstrip, Mt

\_\_\_\_\_  
MARCH 5, 2020



# Certificate of Completion

PRESENTED BY  
RADIATION SOLUTIONS, LLC

## Zach Gilliland

HAS SUCCESSFULLY COMPLETED THE RADIATION SAFETY OFFICER  
TRAINING IN ACCORDANCE WITH THE REQUIREMENTS OF NUREG 1556  
VOL 4, 10 CFR PARTS 19, 20 & 30, AND DOT HAZMAT 49 CFR 172.

  
\_\_\_\_\_  
JON O'RULLIAN, TRAINER

Colstrip, MT

\_\_\_\_\_  
MARCH 6, 2020

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM WBL

Program Code: 03120  
Status Code: Pending Amendment  
Fee Category: 3P  
Exp. Date: 10/31/2025  
Fee Comments:  
Decom Fin Assur Reqd: N

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## License Fee Worksheet - License Fee Transmittal

### A. REGION

#### 1. APPLICATION ATTACHED

Applicant/Licensee: Talen Montana, LLC  
Received Date: 03/11/2020  
Docket Number: 3014344  
Mail Control Number: 618787  
License Number: 25-18011-01  
Action Type: Amendment

#### 2. FEE ATTACHED

Amount: N/A

Check No.: N/A

#### 3. COMMENTS

Signed: Carol L. Hill

Date: 05-04/2020

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

Agency: NRC

WBL WORKSHEET

DOCKET NUMBER: 3014344 LICENSE NUMBER: 25-18011-01 STATUS: Pending Amendment

MAIL CONTROL NUMBER: 618787 RECEIPT DATE: 03/11/2020 ACTION TYPE: Amendment

DUE DATE: 06/09/2020 INST. CODE: 18011 LICENSE REGION: Region 4

LICENSE TYPE: 30 ENTITY TYPE: C LICENSE GROUP: Industrial

ISSUE DATE: ORIGINAL DATE: 11/23/1988 EXPIRATION DATE: 10/31/2025

DECOMMISSIONING CATEGORY: Group 1 LAST ISSUE DATE:

LICENSEE NAME: Talen Montana, LLC DECOM FIN ASSUR REQD: N  
SUBM: N

MAILING ADDRESS LINE1: P.O. Box 38 CONT PLAN REQD: N APPRV: N

MAILING ADDRESS LINE 2:

CITY: Colstrip STATE: MT ZIP: 59323

CONTACT PERSON: PREFIX: Ms. FIRST NAME: Marie MIDDLE INITIAL:

LAST NAME: Felice-Luebeck SUFFIX:

JOB TITLE: Radiation Safety Officer PHONE: 406-748-5398/FAX: 406-748-5398 EMAIL: mmfelice-lueback@pplh

BILLING ADDRESS LINE 1: PO BOX 1937

BILLING ADDRESS LINE 2:

CITY: COLSTRIP STATE: Montana ZIP: 59323

BILLING CONTACT PERSON: FIRST NAME: Accounts Payable MIDDLE INITIAL: LAST NAME:

PHONE: 406-748-5398/406-782-475 EMAIL: mmfelice-lueback@pplweb.com FAX:

PRIMARY PGM CODE: 03120 SECONDARY PGM CODE:

INSPECTION REGION: Region 4 PRIORITY: 5

RSO: PREFIX: FIRST NAME: Marie MIDDLE INITIAL: LAST NAME Felice-Luebeck

SUFFIX: RSO JOB TITLE: Radiation Safety Officer

RSO PHONE: 406-748-5398/406-782-475 Cell RSO FAX: 406-748-5398 RSO EMAIL: marie.felice-luebeck@talenergy.com

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):



**ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE**

<b>Name and Address of Applicant and/or Licensee</b>  Zach T. Gilliland Radiation Safety Officer Talen Montana, LLC PO Box 38 Colstrip, MT 59323	<b>Date</b> 05/04/2020
	<b>License Number(s)</b> 25-18011-01
	<b>Mail Control Number(s)</b> 618787
	<b>Licensing and/or Technical Reviewer or Branch</b> C. Hill

This is to acknowledge receipt of your:  Letter and/or  Application Dated: 03/11/2020

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**