



Clearwater Paper Corporation  
Idaho Pulp & Paperboard  
803 Mill Road, P.O. Box 1126  
Lewiston, ID 83501-1126

December 8, 2016

Director, Office of Nuclear Material Safety  
and Safeguards  
ATTN: GLTS  
US Nuclear Regulatory Commission  
Washington, DC 20555-001

Certified Mail: 7006 0810 0000 8963 6154

**Annual Registration of Generally Licensed Devices (GL-704522-21)**

Dear Director,

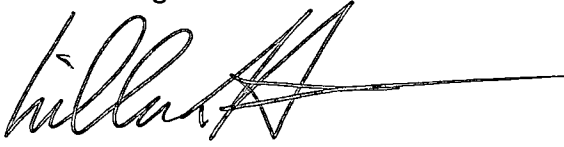
Attached is the completed application for General License registration.

I have reviewed the renewal application and have noted the following changes:

- 1) NRC Device Key: 811504 was returned to the manufacturer in September 2014. Part 1 of Section 4 of the application was completed for this transfer. In addition, the *Notification of Transfer to the NRC*, including the *Acknowledgement of Receipt of Transfer of Radioactive Material* from the manufacturer is attached.
- 2) NRC Device Key: 811505 has been administratively transferred from registration under the *General License* to being registered under our *Specific License (11-27075-01)*. Part 1 of Section 4 of the application was completed for this administrative transfer. The *Acknowledgement of Transfer of Radioactive Material* from the manufacturer is also attached.
- 3) The final page notes three sources at our facility that are not subject to registration. Of the three, we recently decommissioned the source noted as NRC Device Key: 707511. The source was returned to Honeywell in November of 2016. Part 1 of Section 4 of the application was completed for this transfer. A copy of the *Notification of Transfer* to the NRC is attached.

Please call if you have any comments or questions.

With Best Regards

A handwritten signature in black ink, appearing to read "Bill Hoesman", followed by a long horizontal line extending to the right.

Bill Hoesman  
Senior Environmental Engineer/RSO Alternate  
P: 208-799-1585  
[Bill.Hoesman@Clearwaterpaper.com](mailto:Bill.Hoesman@Clearwaterpaper.com)



GL-704522-21  
 11/08/2016  
 NRC FORM 664  
 07 - 2015  
 10 CFR 31.5

SECTION 1  
 PAGE 1 of 2  
 U.S. NUCLEAR REGULATORY COMMISSION

**GENERAL LICENSEE REGISTRATION**

APPROVED BY OMB: NO. 3150-0198

EXPIRES: 04/30/2016

Estimated burden per response to comply with this mandatory collection request: 20 minutes. NRC will use this information to track general licensees and their devices to ensure a higher level of device accountability. 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 Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0198), 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.

**Complete all six sections of this registration form. If any of the preprinted information is incorrect, provide the changes in the applicable boxes. USE CAPITAL LETTERS.**

**General License SECTION 1 - GENERAL LICENSEE INFORMATION**

**Registration Number**  
 GL-704522-21

**Enter the company name and the street address/physical location of use for your device(s). For portable devices, specify the primary storage location. Do not use a P.O. Box address.**

Company Name: CLEARWATER PAPER CORP

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Department: IDAHO PULP & PAPERBOARD

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Address Line 1: 801 MILL ROAD

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Address Line 2:

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City: LEWISTON

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State: ID

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Zip Code: 83501 - 1126

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For NRC Use Only <i>(Do not write here)</i>	Category:	<table border="1"><tr><td></td><td></td></tr></table>									
	Packet Receipt Date (MMDDYYYY):	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>									
Accession Number:	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										





GL-704522-21  
11/08/2016

SECTION 1  
PAGE 2 of 2

**SECTION 1 - GENERAL LICENSEE INFORMATION (Continued)**

Enter the name, telephone number and title of the person who is the responsible individual for the device(s).

Last Name: HO

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First Name: JAMES

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Middle Initial: N

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Telephone: (208) 799-1104

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Extension:

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Title: CURRENT SAFETY OFFICER

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Enter the mailing address where correspondence regarding your device(s) should be sent.  
This address should be specific to the use or storage location of your device(s).

Department: IDAHO PULP & PAPERBOARD

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Address Line 1: 803 MILL ROAD

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Address Line 2: P.O. BOX 1126

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City: LEWISTON

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State: ID

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Zip Code: 83501 - 1126

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GL-704522-21

11/08/2016

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

SECTION 2

Our records indicate that you have these devices. Please update the information as necessary.

PAGE 1 of 2

NRC Device Key 811504 (Internal Control Number)

Distributor/Distributed By: KAY-RAY/SENSALL, INC.

[Empty grid for distributor information]

Distributor License Number: IL-01010-02

[Empty grid for license number]

Manufacturer Name: KAY-RAY/SENSALL, INC.

[Empty grid for manufacturer name]

Device Model (Not Source Model): 7062BP

[Empty grid for device model]

Device Serial Number: 29940

[Empty grid for device serial number]

Transfer Date (Receipt Date): 07/02/1991

09 04 2014

MM DD YYYY

Not in possession of device (Also complete Section 4.)

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	CS137 [Empty grid]	25.000000000 [Empty grid]	mCi [Empty grid]
2	[Empty grid]	[Empty grid]	[Empty grid]
3	[Empty grid]	[Empty grid]	[Empty grid]
4	[Empty grid]	[Empty grid]	[Empty grid]
5	[Empty grid]	[Empty grid]	[Empty grid]
6	[Empty grid]	[Empty grid]	[Empty grid]





GL-704522-21

11/08/2016

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

SECTION 2

Our records indicate that you have these devices. Please update the information as necessary.

PAGE 2 of 2

NRC Device Key 811505 (Internal Control Number)

Distributor/Distributed By: KAY-RAY/SENSALL, INC.

Empty grid for distributor information

Distributor License Number: IL-01010-02

Empty grid for license number

Manufacturer Name: KAY-RAY/SENSALL, INC.

Empty grid for manufacturer name

Device Model (Not Source Model): 7062BP

Empty grid for device model

Device Serial Number: 29941

Empty grid for device serial number

Transfer Date (Receipt Date): 07/02/1991

01 27 2016

MM DD YYYY

Not in possession of device (Also complete Section 4.)

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	CS137	100.00000000	mCi
2			
3			
4			
5			
6			







SECTION 4 - NOT IN POSSESSION OF DEVICE

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

Part 1

Transfer Date:

NRC Device Key:  
(from Section 2 or 6) 811504

09 04 2014  
MM DD YYYY

Location of the Device:

- Whereabouts Unknown (complete Part 1 only)
- Never Possessed the Device (complete Part 1 only)
- Returned to Manufacturer (complete Part 1 only)
- Transferred to another general licensee (complete Parts 2 and 3)
- Transferred to a Specific Licensee (Not the manufacturer) (complete Part 2)

Part 2 License Number of Recipient (if transferred to a specific licensee):

[Empty 14-digit grid]

Company Name:

[Empty 30-character grid]

Department:

[Empty 25-character grid]

Address Line 1:

[Empty 30-character grid]

Address Line 2:

[Empty 30-character grid]

City:

[Empty 30-character grid]

State: [2-digit] Zip Code: [5-digit] - [4-digit]

Part 3 Enter the name of the individual responsible for this device:

Last Name:

[Empty 30-character grid]

First Name:

[Empty 16-character grid]

Middle Initial:

[Empty 2-character grid]

Telephone Number:

[Empty 12-character grid]

Extension:

[Empty 6-character grid]

Title:

[Empty 30-character grid]





## Bill Hoesman

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**From:** Bill Hoesman  
**Sent:** Thursday, March 12, 2015 1:48 PM  
**To:** 'RidsRgn4MailCenter.Resource@nrc.gov'  
**Cc:** James Ho; Paul Bridges  
**Subject:** Radioactive Source Transfer Notification  
**Attachments:** 2014-09-4 Nuclear Gauge Transfer Letter from ThermoFisher.pdf; 2014-12-19 Transfer Letter RMA 32651.pdf; Letter of Receipt\_K-1026-H\_2-23-15.pdf; Letter of Receipt\_SN11701\_SN11702\_11-18-14.pdf

Clearwater Paper Corporation's Lewiston, Idaho facility is licensed to possess and operate nuclear gauges under a General License (Registration Number: GL-704522-19) and a Specific License (License Number: 11-27075-01). Both were issued by the Nuclear Regulatory Commission. Clearwater Paper recently decided to dispose of several nuclear gauges/sources that were out of service and in storage at the facility. There were a total of twenty-six (26) sources transferred from the facility. Most of these gauges were taken out of service due to changes in process flow within production areas and/or source activity had decayed to below useful levels.

All of the gauges in question were transferred to respective manufacturers. These transfers were performed following proper transportation protocols and procedures.

Attached are four (4) letters from the respective manufacturers that document the transfer of the sources in question.

If you have any questions or comments regarding this information, please contact me at the number listed below.

Bill Hoesman  
Senior Environmental Engineer/Alternate RSO  
Clearwater Paper Corporation  
P: 208 799-1585  
M: 208 413-3218  
[Bill.Hoesman@Clearwaterpaper.com](mailto:Bill.Hoesman@Clearwaterpaper.com)

NRC DEVICE

811504

**ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL**

September 4, 2014

Paul Bridges  
Clearwater Paper Corporation  
803 Mill Road  
Lewiston, ID 83501

RMA Number 32600

Attention Paul Bridges:

This is to certify that Thermo Fisher Scientific has received and accepted ownership of the radioactive material described below pursuant to applicable regulations and as authorized by our Texas Radioactive Material License L03524.

Manufacturer	Model	Serial	Isotope	Source	Activity Units	Assay
BERTHOLD	LB367	2728	Cs-137	2728	50 mCi	8/1/1990
KAY-RAY/SENSALL	7062BP	20022	Cs-137	GF2391	100 mCi	3/1/1983
KAY-RAY/SENSALL	7062BP	20384	Cs-137	GM9114	100 mCi	10/1/1985
KAY-RAY/SENSALL	7062BP	21035	Cs-137	GF5216	100 mCi	4/1/1986
KAY-RAY/SENSALL	7062BP	25937A	Cs-137	GF9401	100 mCi	11/3/1988
KAY-RAY/SENSALL	7062BP	25937C	Cs-137	GF9596	100 mCi	11/3/1988
KAY-RAY/SENSALL	7062BP	29678D	Cs-137	GH3934	100 mCi	12/1/1990
KAY-RAY/SENSALL	7062BP	29679A	Cs-137	GH3939	100 mCi	12/1/1990
KAY-RAY/SENSALL	7062BP	29679B	Cs-137	GH3935	100 mCi	12/1/1990
KAY-RAY/SENSALL	7062BP	29679C	Cs-137	GH3949	100 mCi	12/1/1990
KAY-RAY/SENSALL	7062BP	29940	Cs-137	GH4136	25 mCi	1/1/1991
KAY-RAY/SENSALL	7062P	10075	Cs-137	GM1652	100 mCi	9/1/1979

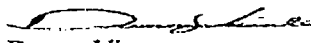
Acknowledgment for RMA Number 32600

Page 2 of 2

Manufacturer	Model	Serial	Isotope	Source	Activity	Units	Assay
KAY-RAY/SENSALL	7062P	4152	Cs-137	GH0481	100	mCi	2/28/1989
KAY-RAY/SENSALL	7062PS	S97E3001	Cs-137	4793GN	500	mCi	7/1/1996
KAY-RAY/SENSALL	7063PS	29186	Cs-137	GH3164	200	mCi	11/30/1990
Summary (15 sources)					1875	mCi	
Manufacturer	Model	Serial	Isotope	Source	Activity	Units	Assay
TN TECHNOLOGIES	5207	B159	Cs-137	GG-4786	1000	mCi	6/14/1989
Summary (1 source)					1000	mCi	
Manufacturer	Model	Serial	Isotope	Source	Activity	Units	Assay
TN TECHNOLOGIES	5201	B1371	Cs-137	GV-2961	100	mCi	9/29/1989
TN TECHNOLOGIES	5201	B1372	Cs-137	GV-2934	100	mCi	9/29/1989
Summary (2 sources)					200	mCi	
Manufacturer	Model	Serial	Isotope	Source	Activity	Units	Assay
TN TECHNOLOGIES	5192	B6701	Cs-137	GK-6919	50	mCi	7/6/1998
TN TECHNOLOGIES	5206	B357	Cs-137	GG-5323	500	mCi	8/7/1990
Summary (2 sources)					550	mCi	

This receipt should be retained in your files as a permanent record showing the disposition of this radioactive material. If you are not the Radiation Safety Officer or responsible for maintaining regulatory records for radioactive material, please forward this letter to the appropriate person.

If you have any questions or require additional assistance, please contact us at (800) 437-7979 or (713) 272-2204

Sincerely,  
Thermo Fisher Scientific  
  
Danny Vicente  
Nuclear Services Specialist



GL-704522-21  
11/08/2016

**SECTION 4 - NOT IN POSSESSION OF DEVICE**

**SECTION 4**  
**PAGE 1 of 1**

**Provide information about devices listed in Section 2 or 6, but no longer in your possession.**

**Part 1**

Transfer Date:

NRC Device Key:  
(from Section 2 or 6)

MM DD YYYY

Location of the Device:

- Whereabouts Unknown (complete Part 1 only)
- Never Possessed the Device (complete Part 1 only)
- Returned to Manufacturer (complete Part 1 only)
- Transferred to another general licensee (complete Parts 2 and 3)
- Transferred to a Specific Licensee (Not the manufacturer) (complete Part 2)

**Part 2** License Number of Recipient (if transferred to a specific licensee):

Company Name:

Department:

Address Line 1:

Address Line 2:

City:

State:  Zip Code:

**Part 3** Enter the name of the individual responsible for this device:

Last Name:

First Name:

Middle Initial:

Telephone Number:    Extension:

Title:



ACKNOWLEDGEMENT OF TRANSFER OF RADIOACTIVE MATERIAL

January 27, 2016

Paul Bridges, RSO  
Clearwater Paper Corporation  
803 Mill Road  
Lewiston, ID 83501

Dear Mr. Bridges,

This is to verify that Thermo Fisher Scientific has administratively transferred the radioactive material described below pursuant to applicable regulations as authorized by our Texas License L03524:

Isotope	Activity	Source Serial No.	Gauge Manufacturer	Model No.	Serial No.
Cs-137	100 mCi	N/A	KAY-RAY/SENSALL	7062BP	29941
Cs-137	1000 mCi	N/A	KAY-RAY/SENSALL	7063S	29942

This receipt should be retained in your files as a permanent record showing the transfer of the radioactive material (above) from a general license, referencing registration (GL-704522-19) to your specific license (11-27075-01 Am.13).

If you have questions or if we may be of further assistance, please do not hesitate to contact me by telephone at (281) 272-2181 or by email: [angelica.guidry@thermofisher.com](mailto:angelica.guidry@thermofisher.com).

Sincerely,

Thermo Fisher Scientific



Angelica R. Guidry  
Nuclear Services Specialist

NRC DEVICE

811505



GL-704522-21  
11/08/2016

### SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4  
PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

**Part 1**

NRC Device Key: (from Section 2 or 6) 

7	0	7	5	1	1
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Transfer Date: 

1	1	1	0	1	6
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MM DD YYYY

Location of the Device:

- Whereabouts Unknown (complete Part 1 only)
- Transferred to another general licensee (complete Parts 2 and 3)
- Never Possessed the Device (complete Part 1 only)
- Transferred to a Specific Licensee (Not the manufacturer) (complete Part 2)
- Returned to Manufacturer (complete Part 1 only)

**Part 2** License Number of Recipient (if transferred to a specific licensee):

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Company Name:

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Department:

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Address Line 1:

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Address Line 2:

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City:

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State: 

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 Zip Code: 

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**Part 3** Enter the name of the individual responsible for this device:

Last Name:

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First Name:

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Middle Initial:

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Telephone Number: 

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 Extension: 

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Title:

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## Bill Hoesman

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**From:** Bill Hoesman  
**Sent:** Wednesday, November 30, 2016 1:46 PM  
**To:** 'RidsRgn4MailCenter.Resource@NRC.gov'  
**Cc:** James Ho; Dan Lively; Todd Mooers; Clayton Steele  
**Subject:** Sealed Source Transfer Notification  
**Attachments:** 2016-11-16 Receipt Notification for transfer of LP324 (49).pdf

Clearwater Paper Corporation's Lewiston, Idaho facility is registered under US NRC's *General License* (registration GL-704522-18) to possess and operate various sealed nuclear sources on site.

In November 2016, personnel from Clearwater Paper and Honeywell International (Honeywell) removed the sealed source (S/N LP324) and associated equipment from operation in the 1L tissue machine. Possession of this source was covered under the above referenced registration.

It is a Honeywell Model 4201 which employs Polonium 147 with an original activity of 0.5 curies.

It was transferred back to Honeywell's Duluth, Georgia facility. The transfer documentation is attached.

The equipment was replaced with technology that does not employ a nuclear source.

If you have any questions, please call me at the number listed below.

Bill Hoesman  
Senior Environmental Engineer/RSO Alternate  
Clearwater Paper Corporation  
P: 208 799-1585  
M: 208 413-3218  
[Bill.Hoesman@Clearwaterpaper.com](mailto:Bill.Hoesman@Clearwaterpaper.com)

NRC DEVICE  
707511

HONEYWELL INTERNATIONAL  
Radiological Operations  
3079 Premiere Pkwy.  
Duluth, GA 30097  
Phone: 770-689-0500

November 16, 2016

James Ho  
Clearwater Paper  
801 Mill Road  
Lewiston

ID 83501

Re: Honeywell System: 11181

This is to acknowledge receipt of the following radioactive source(s), which was/were returned by you to our facility at 3079 Premiere Pkwy., Duluth, GA 30097 on the date noted below. By this letter, Honeywell acknowledges receipt and we accept responsibility for future disposition of the source(s).

11/10/2016

Isotope: Pm-147  
S/N: LP324  
Activity (CI): 0.5  
Dev Model: 4201

We are authorized to receive this source under Georgia license GA-832-1

There may be a regulatory requirement that you notify your regulatory authority when you transfer radioactive material. We have, therefore, enclosed a letter that you may sign and forward to them to accomplish this notice. You should keep a copy of all correspondence in your files as your record of transfer.

If you have any questions concerning this matter, please contact us.

Sincerely,



Rod Harrell  
Radiological Operations



Clearwater Paper  
801 Mill Road  
Lewiston, ID 83501

State Laboratories  
Laboratory Improvement Section  
2220 Old Penitentiary Road  
Boise, ID 83712

To Whom It May Concern,

This is to advise you that we have returned the following radioactive source(s) to Honeywell International,  
3079 Premiere Pkwy, Duluth, GA 30097

Isotope: Pm-147  
S/N: LP324  
Activity (CI): 0.5  
Dev Model: 4201

Honeywell is authorized to receive the listed source(s) under Georgia radioactive materials license GA 832-1

Sincerely,

---

signature

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Title

---

date



GL-704522-21  
11/08/2016

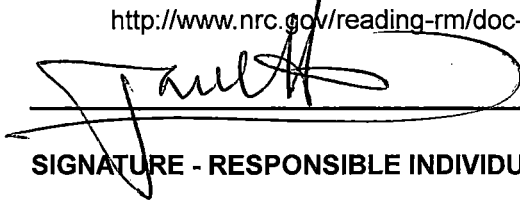
**SECTION 5 - CERTIFICATION**

**SECTION 5**  
**PAGE 1 of 1**

I hereby certify that:

- A. All information contained in this registration is true and complete to the best of my knowledge and belief.
- B. A physical inventory of the devices subject to registration has been completed, and the device information on this form has been checked against the device labeling.
- C. I am aware of the requirements of the general license, provided in 10 CFR 31.5.

(Copies of applicable regulations may be viewed at the NRC website at:  
<http://www.nrc.gov/reading-rm/doc-collections/cfr>)

  
\_\_\_\_\_  
**SIGNATURE - RESPONSIBLE INDIVIDUAL (Listed in Section 1)**

12-8-2016  
**DATE**

**WARNING:** FALSE STATEMENTS MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL ASPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY WRONG STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER IN ITS JURISDICTION.

