



July 28th, 2015

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road Suite 210.
Lisle, Illinois 60532-4352

Re: Amendment to US-NRC Radioactive Material License #21-26151-01

Dear Nuclear Material Licensing Branch,

This letter is in response to additional information requested by Sara Forster of the US NRC for the amendment request letter sent on June 13th 2015. Attached below are the leak test results for the removal of the three (3) 5010A Model Nuclear Sources.

As such, please amend US-NRC Radioactive Material License #21-26151-01 by removing the radioactive sealed sources listed in Table 1 in the letter dated June 13th, 2015. For any additional information needed or follow-up questions, feel free to contact myself using the contact information below.

Thank you,

A handwritten signature in black ink, appearing to read 'Andrew D. Smigiel', written over a horizontal line.

Andrew D. Smigiel
Safety Engineer, RSO
AK Steel Dearborn Works
(313)-354-6401

W/Enclosures

LEAK TEST CERTIFICATION

This is to certify that the product identified below was tested for removable contamination in accordance with Texas Radioactive Material License Number L03524, Condition 19.

Customer: 103500
SEVERSTAL NORTH AMERICA, INC.
Formerly: Rouge Steel Company
Post Office Box 1639
3001 Miller Road
Dearborn, MI 48121

Device ID:



Product: TN TECHNOLOGIES

Model: 5010A

Serial No B518

Isotope: Am-241-Be

Activity: 1000 mCi

Source Serial: A-069

Location:

Test Type: Lab Counting

Result: ☐ Positive

☒ Negative < 2.57E-5 uCi

Analyzed on: June 06, 2007

This certificate should be maintained as a permanent record of the leak test of this product.


Michael Fontenot

LEAK TEST CERTIFICATION

This is to certify that the product identified below was tested for removable contamination in accordance with Texas Radioactive Material License Number L03524, Condition 19.

Customer: 103500
SEVERSTAL NORTH AMERICA, INC.
Formerly: Rouge Steel Company
Post Office Box 1639
3001 Miller Road
Dearborn, MI 48121

Device ID:



Product: TN TECHNOLOGIES

Model: 5010A

Serial No B183

Isotope: Am-241-Be

Activity: 1000 mCi

Source Serial: A-091

Location:

Test Type: Lab Counting

Result: ☐ Positive

☒ Negative < 2.57E-5 uCi

Analyzed on: June 06, 2007

This certificate should be maintained as a permanent record of the leak test of this product.

Michael Fontenot

LEAK TEST CERTIFICATION

This is to certify that the product identified below was tested for removable contamination in accordance with Texas Radioactive Material License Number L03524, Condition 19.

Customer: 103500
SEVERSTAL NORTH AMERICA, INC.
Formerly: Rouge Steel Company
Post Office Box 1639
3001 Miller Road
Dearborn, MI 48121

Device ID:



Product: TN TECHNOLOGIES

Model: 5010A

Serial No B517

Isotope: Am-241-Be

Activity: 1000 mCi

Source Serial: A-073

Location:

Test Type: Lab Counting

Result: ☐ Positive

☒ Negative < 2.57E-5 uCi

Analyzed on: June 06, 2007

This certificate should be maintained as a permanent record of the leak test of this product.


Michael Fontenot

Forster, Sara

From: Smigiel, Andrew <Andrew.Smigiel@aksteel.com>
Sent: Tuesday, July 28, 2015 4:02 PM
To: Forster, Sara
Subject: [External_Sender] RE: Amendment Request for AK Steel, U.S. NRC License No. 21-26151-01
Attachments: Ammendment to US-NRC Radiactive Mateiral License #21-26151-01 07-28-2015.pdf

Sara,

Per our phone conversation last week. Find attached the amendment letter with the additional information you requested for the amendment to our license.

Andrew Smigiel

Safety Engineer, RSO

AK Steel - Dearborn Works

O: 313.317.8849 M: 313.354.6401 | Andrew.Smigiel@aksteel.com | www.aksteel.com

From: Forster, Sara [<mailto:Sara.Forster@nrc.gov>]
Sent: Monday, June 15, 2015 8:31 AM
To: Smigiel, Andrew
Subject: RE: Amendment Request for AK Steel, U.S. NRC License No. 21-26151-01

Hi Mr. Smigiel:

We have received your message and will let you know if anything else is needed to remove the Model 5010A from the above referenced license.

Sincerely,

Sara A. Forster, Health Physicist Licensing Reviewer
U.S. Nuclear Regulatory Commission - Region III
Division of Nuclear Materials Safety
2443 Warrenville Rd. - Ste. 210
Lisle, IL 60532-4352
sara.forster@nrc.gov
Direct: (630) 829-9892



From: Smigiel, Andrew [<mailto:Andrew.Smigiel@aksteel.com>]
Sent: Saturday, June 13, 2015 10:30 AM
To: Forster, Sara
Subject: RE: Additional Information Request for Severstal Dearborn, Inc., U.S. NRC License No. 21-26151-01, C/N 586155