

**CERTIFICATE OF DISPOSITION
OF MATERIALS**

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. 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 e-mail to Infocollections.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), 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.

LICENSEE NAME AND ADDRESS

Barr Engineering, Inc. d/b/a National Engineering and Architectural
Services, Inc. 5710 Westbourne Ave., Columbus, Ohio 43213

LICENSE NUMBER

34-26553-02

DOCKET NUMBER

030-35054

LICENSE EXPIRATION DATE

1/31/2035

A. LICENSE STATUS (Check the appropriate box)

- ☐ This license has expired. ☒ This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- ☐ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- ☒ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
- ☒ a. Transfer of radioactive materials to the licensee listed below:
The transfer occurred on 3/16/21 to our ODH regulated (License #: 31210250014) Cleveland facility: 2271 Scranton Rd., Suite 120, Cleveland, Ohio 44113 (Facility point of contact: Bruce Bittner 216-860-0558).
- ☐ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee:
- ☐ 2. By licensed disposal site:
- ☐ 3. By waste contractor:
- ☐ c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- ☐ 1. A radiation survey was conducted by the licensee. The survey confirms:
- ☐ a. the absence of licensed radioactive materials
- ☐ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- ☐ 2. A copy of the radiation survey results:
- ☐ a. is attached; or ☐ b. is not attached (Provide explanation); or ☐ c. was forwarded to NRC on: _____ Date _____
- ☒ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- ☒ a. The results of the latest leak test are attached; and/or ☒ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Loren Rosenbeck	Radiation Safety Officer	614-892-0162	loren.rosenbeck@neasinc.com

Mail all future correspondence regarding this license to:

5710 Westbourne Ave., Columbus, Ohio 43213

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

Loren Rosenbeck, RSO

SIGNATURE**DATE**

03/17/2021

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 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.



Gauges transferred on 3/16/21 from 3915 Research Park Dr., Suite A-2, Ann Arbor, Michigan to 2271 Scranton Rd., Suite 120, Cleveland, Ohio 44113.

Cs-137 8mCi #750-7847	AM-241/Be40mCi #47-28747	32531 Troxler 3440
Cs-137 8mCi #77-3922	AM-241/Be40mCi #78-1718	36864 Troxler 3440

SEALED SOURCE LEAK TEST CERTIFICATE

National Engineering & Architectural Services, Inc
3915 Research Park Dr., Suite A-2
Columbus, OH 48108

Attn: Mr. Loren Rosenbeck
phone:
code: 582-AA

SOURCE INFORMATION

Isotope	Cesium 137	Am 241/Be
Source Serial Number	750 - 7847	47 - 28747
Activity	8 mCi	40 mCi
Make & Model	Troxler 3440	
Device Number	32531	
Wiped by		Date of Wipe 12/30/2020

RESULTS

	Bkg CPM	Gross CPM	Efficiency	removable activity for this source is
Alpha	0	0	0.62	< 0.0001 µCi
Beta-Gamma	30	< 60	0.32	< 0.0001 µCi

removable is < 0.005 µCi

PASS

The above source wipe has been assayed to determine source leakage. Regulations define a source as leaking when an appropriate wipe test has removed 0.005 uCi or more of activity.

Microcurie conversion is DPM / 2.2 X10⁶

all sources are simultaneously checked for alpha and beta-gamma activity

January 23, 2021

Date of Assay

1023.301

NSS assay No.

Greg Fox



Assayed by

SEALED SOURCE LEAK TEST CERTIFICATE

National Engineering & Architectural Services, Inc	Attn: Mr. Loren Rosenbeck
3915 Research Park Dr., Suite A-2	phone:
Columbus, OH 48108	code: 582-AA

SOURCE INFORMATION

Isotope	Cesium 137	Am 241/Be
Source Serial Number	77 - 3922	78 - 1718
Activity	8 mCi	40 mCi
Make & Model	Troxler 3440	
Device Number	36864	
Wiped by		Date of Wipe 12/30/2020

RESULTS

	Bkg CPM	Gross CPM	Efficiency	removable activity for this source is
Alpha	0	0	0.62	< 0.0001 µCi
Beta-Gamma	30	< 60	0.32	< 0.0001 µCi

removable is < 0.005 µCi

PASS

The above source wipe has been assayed to determine source leakage. Regulations define a source as leaking when an appropriate wipe test has removed 0.005 uCi or more of activity.

Microcurie conversion is DPM / 2.2 X10⁶

all sources are simultaneously checked for alpha and beta-gamma activity

January 23, 2021

Date of Assay

1023.302

NSS assay No.

Greg Fox



Assayed by

From: [Song, Taehoon](#)
To: [Willour, Jeffrey](#)
Cc: [Pavon, Sandy](#)
Subject: FW: Re: NRC License Termination (Barr Engineering, Inc. dba NEAS Inc.: #34-26553-02)
Date: Tuesday, April 6, 2021 8:11:42 AM
Attachments: [NRC 314.pdf](#)
[Gauge Transfer List.pdf](#)
[32531 Leak Test 12-20.pdf](#)
[36864 Leak Test 12-20.pdf](#)

Hi Jeffrey,

Please process into ADAMS.

Thank you,

Taehoon

From: Tomczak, Tammy <Tammy.Tomczak@nrc.gov>
Sent: Monday, April 05, 2021 4:03 PM
To: Song, Taehoon <Taehoon.Song@nrc.gov>; Pavon, Sandy <Sandy.Pavon@nrc.gov>
Subject: FW: Re: NRC License Termination (Barr Engineering, Inc. dba NEAS Inc.: #34-26553-02)

Good afternoon, Sandy and Tae,

Can you please add the attached to ADAMS?

Thanks!
Tammy

From: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Sent: Monday, April 05, 2021 3:55 PM
To: Tomczak, Tammy <Tammy.Tomczak@nrc.gov>; Orlikowski, Robert <Robert.Orlikowski@nrc.gov>
Cc: Song, Taehoon <Taehoon.Song@nrc.gov>
Subject: FW: Re: NRC License Termination (Barr Engineering, Inc. dba NEAS Inc.: #34-26553-02)

Good afternoon Tammy and Bob,

I was just looking over my email and I came across this termination request that I believe I forgot to forward along to you. You can assign the action to me so that I don't cost another reviewer any time.

Please add the attached documents to ADAMS.

Thanks so much!
Erin

From: Loren Rosenbeck <Loren.Rosenbeck@neasinc.com>
Sent: Wednesday, March 17, 2021 2:14 PM
To: Kennedy, Erin <Erin.Kennedy@nrc.gov>

Cc: Jawdat Siddiqi <jsiddiqi@neasinc.com>; Enoch Chipukaizer <echipukaizer@neasinc.com>; Melinda He <che@neasinc.com>; Bruce Bittner <Bruce.Bittner@neasinc.com>
Subject: [External_Sender] Re: NRC License Termination (Barr Engineering, Inc. dba NEAS Inc.: #34-26553-02)

Good afternoon Erin,

Pleased see the attached NRC form 314, gauge list, and most recent leak tests of the gauges that were transferred.

Please let me know if you need anything else.

Best regards,

Loren Rosenbeck, P.G.
Geologist / Lab Supervisor / RSO



[5710 Westbourne Ave.](#)

[Columbus, OH 43213](#)

Office Phone: 614.892.0162

Cell Phone: 740.504.4026

loren.rosenbeck@neasinc.com

www.neasinc.com

From: Kennedy, Erin <Erin.Kennedy@nrc.gov>

Sent: Friday, February 19, 2021 11:52 AM

To: Loren Rosenbeck <Loren.Rosenbeck@neasinc.com>

Subject: RE: NRC License Termination (Barr Engineering, Inc. dba NEAS Inc.: #34-26553-02)

Good morning Lauren,

Thank you very much for providing the letter requesting to terminate your NRC materials license. I have attached a fillable copy of NRC form 314 which includes all of the information that the NRC will need to terminate the license. In addition to the form, we will need a list of the gauges (with serial numbers) that were stored at your facility in Michigan and the most recent copy of the leak test for those gauges. For your convenience you can send the documents to me as PDF attachments to an email

If you have any questions, you can give me a call in my home office 224-241-8045

Thanks,
Erin

From: Loren Rosenbeck <Loren.Rosenbeck@neasinc.com>
Sent: Thursday, February 18, 2021 5:12 PM
To: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Cc: Jawdat Siddiqi <jsiddiqi@neasinc.com>; Enoch Chipukaizer <echipukaizer@neasinc.com>; Melinda He <che@neasinc.com>; Bruce Bittner <Bruce.Bittner@neasinc.com>; Laura Bolte <laura.bolte@neasinc.com>
Subject: [External_Sender] NRC License Termination (Barr Engineering, Inc. dba NEAS Inc.: #34-26553-02)

Good afternoon Erin,

Please see the attached letter regarding our intentions to vacate our Ann Arbor, MI facility and to terminate our license.

Best regards,

Loren Rosenbeck, P.G.
Geologist / Lab Supervisor / RSO



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