



NORTHERN GEOTECHNICAL ENGINEERING, INC. / TERRA FIRMA TESTING

Laboratory Testing Geotechnical Engineering Instrumentation Construction Monitoring Services Thermal Analysis

Mail Control Number: 629995

Docket Number : 3034741

License Number : 50-29121-01

Licensee Name : Northern Geotechnical Engineering, Inc./Terra Firma Testing

13JAN2022

US Nuclear Regulatory Commission 1600 East Lamar Blvd

Arlington, TX 76011-4511

Attn: Michelle M. Hammond

RECEIVED
JAN 7 8 2022

DNMS

RE: Amend Current Form 374A Materials License

Michelle,

We (Northern Geotechnical Engineering, Inc. *d.b.a.* Terra Firma Testing) are writing to you to inform you we will be changing our company RSO. I, Justin Andryjowicz, will be taking over RSO duties from our previous RSO, Ron J.P. Caron, pending an amendment to our current Form 374A materials license.

I have been a technician using Troxler densometers with our company for over a decade and have undertaken both in house practical training and 3rd party certification training and certification testing to perform the duty of RSO of our company, which I will have included with this letter.

Our current RSO, Ron J.P. Caron, is still reachable if you have any questions or concerns about this application to amend our license. He is reachable at (907) 529-1040 or rcaron@nge-tft.com. I can be reached as well, if you have any questions or concerns, at (909) 210-2080, or jandryjowicz@nge-tft.com.

Our license number is 50-29121-01 and docket number is 030-34741.

Sincerely,

Northern Geotechnical Engineering, Inc. *d.b.a.* Terra Firma Testing

Justin Andryjowicz

(909) 210-2080

jandryjowicz@nge-tft.com

96974674

Certificate of Completion

This is to certify that

Justin Andryjowicz

has completed a course of study in

103 - Radiation Safety Officer Portable Density/Moisture Gauge Training

dated

10/18/2021

offered by



ATI Phone: (702) 515-7482
www.usaati.com

American Technical Institute
10161 Park Run Drive, Suite 150
Las Vegas, Nevada 89145



NORTHERN GEOTECHNICAL ENGINEERING, INC.
TERRA FIRMA TESTING

Laboratory Testing Geotechnical Engineering Instrumentation
Thermal Analysis Construction Monitoring Services

11301 Olive Lane ♦ Anchorage, Alaska 99515

ALASKAN FRONTIER
995-997

13 JAN 2022 PM 1 L



RECEIVED JAN 18 2022

US Nuclear Regulatory Commission
Attn: Michelle Hammond
1600 East Lamar Blvd.
Arlington, TX 76011-4511

76011-451199



From: [Amy Aschenbrenner](#)
To: [Hill, Carol](#)
Subject: [External_Sender] RSO Amendment
Date: Tuesday, January 11, 2022 2:35:57 PM
Attachments: [image001.png](#)
[RSO Amendment 2022.pdf](#)

Carol,
Please let me know if I missed anything or you need anything else.
Thanks,

Amy Aschenbrenner
Laboratory Supervisor



M.C. Schaff & Associates, Inc - Panhandle Geotechnical & Environmental, Inc. - Enviro Service, Inc.

818 South Beltline Highway East - Scottsbluff, NE 69361
308.635.1926 phone - 308.635.7807 fax
<https://mcsfamilyofcompanies.com/>

simply smart solutions



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Mr. Ron Caron
Radiation Safety Officer
Northern Geotechnical
Engineering, Inc./Terra Firma
11301 Olive Lane
Anchorage, AK 99515

Date

02/07/2022

License Number(s)

50-29121-01

Mail Control Number(s)

629995

Licensing and/or Technical Reviewer or Branch

C. Hill

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 01/13/2022

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:

Please submit a delegation letter signed and dated by a member of management delegating you as the Radiation Safety Officer.

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



Delegation of Authority Letter

February 7, 2022

To: Justin Andryjowicz

From: Northern Geotechnical Engineering, Inc., *dba* Terra Firma Testing

RE: Delegation of RSO Authority

You, Justin Andryjowicz, have been appointed radiation safety officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the Radiation Protection Program, identifying radiation protection problems, initiating, recommending, or providing corrective actions, verifying implementation of corrective actions, stopping unsafe activities, and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission at any time. It is estimated that you will spend 10 hours per week conducting radiation protection activities.

Keith Mobley, PE – President

7 Feb 2022

Date

I accept the above responsibilities.

Justin Andryjowicz – Radiation Safety Officer

07 FEB 2022

Date

From: [Justin Andryjowicz](#)
To: [Hill, Carol](#); [Ron Caron](#)
Subject: [External_Sender] RE: Northern Geotechnical Request for Additional Information and Acknowledgement of Receipt of Amendment Request is attached (005) (00B) (003) (002).pdf
Date: Monday, February 7, 2022 12:22:21 PM
Attachments: [Letter of RSO Delegation.pdf](#)

Attached is a letter from our company president, Keith Mobley, identifying me as our new RSO. He can be reached as well at our main company line if you have any questions or concerns. Thank you for your help!

Justin J. Andryjowicz | Special Inspector / Engineering Technician
[Northern Geotechnical Engineering, Inc. d.b.a. Terra Firma Testing](#)
11301 Olive Lane | Anchorage, AK 99515
Main: 907-344-5934 | Cell: 909-210-2080 | Fax: 907-344-5993
Email: jandryjowicz@nge-tft.com

From: Hill, Carol <Carol.Hill@nrc.gov>
Sent: Monday, February 7, 2022 7:41:54 AM
To: Ron Caron <rcaron@nge-tft.com>; Justin Andryjowicz <jandryjowicz@nge-tft.com>
Subject: Northern Geotechnical Request for Additional Information and Acknowledgement of Receipt of Amendment Request is attached (005) (00B) (003) (002).pdf

Please submit a delegation letter signed and dated by a member of management delegating you as the Radiation Safety Officer.

If you have any questions, please feel free to contact me via the email above.



Have a Great Day,

**Stay safe and remember
the best way to protect yourself
is to wash your hands often
and thoroughly.**

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

Program Code: 03121
Status Code: Pending Amendment
Fee Category: 3P
Exp. Date: 05/31/2033
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: Northern Geotechnical Engineering, Inc./Terra Firma Testing
Received Date: 01/20/2022
Docket Number: 3034741
Mail Control Number: 629995
License Number: 50-29121-01
Action Type: Amendment

2. FEE ATTACHED

Amount: N/A

Check No.: N/A

3. COMMENTS

Signed: Carol L. Hill

Date: 02/07/2022

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: 3034741	LICENSE NUMBER: 50-29121-01	STATUS: Pending Amendment
MAIL CONTROL NUMBER: 629995	RECEIPT DATE: 01/20/2022	ACTION TYPE: Amendment
DUE DATE: 04/20/2022	INST. CODE: 29121	LICENSE REGION: Region 4
LICENSE TYPE: 30	ENTITY TYPE: C	LICENSE GROUP: Industrial
ISSUE DATE:	ORIGINAL DATE: 05/18/1998	EXPIRATION DATE: 05/31/2033
DECOMMISSIONING CATEGORY: Group 1	LAST ISSUE DATE:	
LICENSEE NAME: Northern Geotechnical Engineering, Inc./Terra Firma Testing	DECOM FIN ASSUR REQD: N SUBM: N	
MAILING ADDRESS LINE1: 11301 Olive Lane	CONT PLAN REQD: N	APPRV: N
MAILING ADDRESS LINE 2:		
CITY: Anchorage	STATE: AK	ZIP: 99515
CONTACT PERSON: PREFIX:	FIRST NAME: Ron	MIDDLE INITIAL: J. P.
LAST NAME: Caron	SUFFIX:	
JOB TITLE: VP Technical Engineering/RSO	PHONE: 907-344-5934	FAX: 907-344-5993
EMAIL: rcaron@nge-tft.com		
BILLING ADDRESS LINE 1:		
BILLING ADDRESS LINE 2:		
CITY:	STATE: Alaska	ZIP:
BILLING CONTACT PERSON: FIRST NAME:	MIDDLE INITIAL:	LAST NAME:
PHONE:	EMAIL:	FAX:
PRIMARY PGM CODE: 03121	SECONDARY PGM CODE:	
INSPECTION REGION: Region 4	PRIORITY: 5	
RSO: PREFIX:	FIRST NAME: Ron	MIDDLE INITIAL: J. P. LAST NAME Caron
SUFFIX:	RSO JOB TITLE: VP Technical Engineering/RSO	
RSO PHONE: 907-344-5934	RSO FAX: 907-344-5993	RSO EMAIL: rcaron@nge-tft.com
STATES WHERE USE IS AUTHORIZED: 3	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):		