

April 17, 2019

U.S. NRC Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4352

Ms. Erin Kennedy

U.S. Nuclear Regulatory Commission, Region III

Health Physicist- Materials Licensing

Ms. Kennedy,

Under License 13-35299-01 OZ Engineering was authorized to possess 8 Troxler 3400 Series gauges. Oz never reached that capacity and only at one time possessed 6 Troxler Density Gauges 3400 Series. The above listed gauges are the 6 referred to above. Under the License 13-35299-01 there was never a possessed gauge that contained a leaking source.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Nick Lococo', with a stylized flourish at the end.

Nick Lococo

Radiation Safety Officer

OZ Engineering LLC

April 17, 2019

U.S. NRC Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4352

Ms. Erin Kennedy

U.S. Nuclear Regulatory Commission, Region III
Health Physicist- Materials Licensing

Subject: Docket Number 030-38912
License Number 13-35299-01
License Termination Documents (Form 699 response)

Ms. Kennedy,

Following is in response to requested items from the above listed 699 document containing those requests.

Oz Engineering LLC holder of license 13-35299-01 possessed six Troxler 3400 series gauges. They are listed below.

<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222
2. Troxler	3430	71223
3. Troxler	3430	71224
4. Troxler	3430	71240
5. Troxler	3430	71432
6. Troxler	3430	71433

Sincerely,



Nick Lococo

Radiation Safety Officer

OZ Engineering LLC

April 17, 2019

U.S. NRC Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4352

Ms. Erin Kennedy
Health Physicist- Materials Licensing

Ms. Kennedy,

OZ Engineering LLC is transferring control of the following Troxler 3400 Series Nuclear Density Gauges to Geocon Professional Services LLC. Geocon received possession of the listed gauges on July 20, 2018.

	<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222	
2. Troxler	3430	71223	
3. Troxler	3430	71224	
4. Troxler	3430	71240	
5. Troxler	3430	71432	
6. Troxler	3430	71433	



Nick Lococo
Radiation Safety Officer
OZ Engineering LLC



Susan Maslanka
Secretary-Treasurer
Geocon Professional Services LLC

April 17, 2019

U.S. NRC Region III
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Lisle, Illinois 60532-4352

Ms. Erin Kennedy
Health Physicist- Materials Licensing

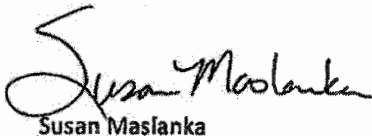
Ms. Kennedy,

OZ Engineering LLC is transferring control of the following Troxler 3400 Series Nuclear Density Gauges to Geocon Professional Services LLC. Geocon received possession of the listed gauges on July 20, 2018.

<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222
2. Troxler	3430	71223
3. Troxler	3430	71224
4. Troxler	3430	71240
5. Troxler	3430	71432
6. Troxler	3430	71433



Nick Lococo
Radiation Safety Officer
OZ Engineering LLC



Susan Maslanka
Secretary-Treasurer
Geocon Professional Services LLC

April 17, 2019

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Suite 210
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Ms. Erin Kennedy

U.S. Nuclear Regulatory Commission, Region III
Health Physicist- Materials Licensing

Subject: Docket Number 030-38912
 License Number 13-35299-01
 License Termination Documents (Form 699 response)

Ms. Kennedy,

Following are the most recent leak tests for the below listed gauges held by OZ Engineering under license 13-35299-01;

<u>Mfg.</u>	<u>Model</u>	<u>SN</u>
1. Troxler	3430	71222
2. Troxler	3430	71223
3. Troxler	3430	71224
4. Troxler	3430	71240
5. Troxler	3430	71432
6. Troxler	3430	71433

InstroTek, Inc.
1 Triangle Drive, PO Box 13944
Research Triangle Park, NC 27709
(919)875-8371 Fax (919)875-8328

10/9/2018
Test Number: 1

DOUG JURY
GeoCon Service(FRANKFORT)
9370 W. LARAWAY RD, suite D
Frankfort, IL 60423

Phone: (815)523-7924
Fax: (815)464-8691

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1


This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 71222

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10484	0.00000
77-14094	0.00023

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by: 

Date: 10/09/2018

Customer Signature: _____

Date: _____

*CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. Instrotek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

InstroTek, Inc.
1 Triangle Drive, PO Box 13944
Research Triangle Park, NC 27709
(919)875-8371 Fax (919)875-8328

10/9/2018
Test Number: 1

DOUG JURY
GeoCon Service(FRANKFORT)
9370 W. LARAWAY RD, suite D
Frankfort, IL 60423

Phone: (815)523-7924
Fax: (815)464-8691

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 71223

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10485	0.00000
77-14095	0.00025

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by: _____ Date: _____

Customer Signature: _____ Date: _____

*CN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 3 mCi Cs-137. Troxler 4640 is 3 mCi Cs-137.

InstroTek, Inc.
1 Triangle Drive, PO Box 13944
Research Triangle Park, NC 27709
(919)875-8371 Fax (919)875-8328

T-1
9/19/2018
Test Number: 1

DOUG JURY
GeoCon Service(FRANKFORT)
9370 W. LARAWAY RD, suite D
Frankfort, IL 60423

Phone: (815)523-7924
Fax: (815)464-8691

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1


This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 71224

Test Date: 9/14/2018

Source (Model/Serial#)	Reading in microCuries
78-10486	0.00000
77-14906	0.00024

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.^o The source(s) tested above may remain in use.

Reviewed by: 

Date: 09/19/2018

Customer Signature: _____

Date: _____

^oCPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

InstroTek, Inc.
1 Triangle Drive, PO Box 13944
Research Triangle Park, NC 27709
(919)875-8371 Fax (919)875-8328

10/9/2018
Test Number: 1

DOUG JURY
GeoCon Service(FRANKFORT)
9370 W. LARAWAY RD, suite D
Frankfort, IL 60423

Phone: (815)523-7924
Fax: (815)464-8691

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1


This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3450
Gauge S/N: 71240

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10489	0.00000
77-14911	0.00028

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by: 

Date: 10/09/2018

Customer Signature: _____

Date: _____

*CPM gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

T-14
InstroTek, Inc.
1 Triangle Drive, PO Box 13944
Research Triangle Park, NC 27709
(919)875-8371 Fax (919)875-8328

9/19/2018
Test Number: 1

DOUG JURY
GeoCon Service (FRANKFORT)
9370 W. LARAWAY RD
Frankfort, IL 60423

Phone: (815) 523-7924
Fax: (815) 464-8691

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

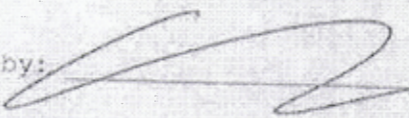
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 71432

Test Date: 9/14/2018

Source (Model/Serial#)	Reading in microCuries
78-10592	0.00000
77-15029	0.00021

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by: 

Date: 09/19/2018

Customer Signature: _____

Date: _____

*CFR gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 6 mCi Cs-137.

InstroTek, Inc.
1 Triangle Drive, PO Box 13944
Research Triangle Park, NC 27709
(919)875-8371 Fax (919)875-8328

10/9/2018
Test Number: 1

DOUG JURY
GeoCon Service(FRANKFORT)
9370 W. LARAWAY RD, suite D
Frankfort, IL 60423

Phone: (815)523-7924
Fax: (815)464-8691

LEAK TEST CERTIFICATE

NC Materials License #092-1073-1

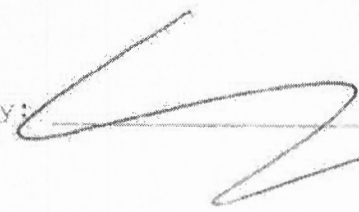
This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 71433

Test Date: 10/4/2018

Source (Model/Serial#)	Reading in microCuries
78-10593	0.00000
77-15030	0.00030

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by: 

Date: 10/09/2018

Customer Signature: _____

Date: _____

*CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. Instrotek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 9 mCi Cs-137. Troxler 4640 is 9 mCi Cs-137.

April 17, 2019

Sincerely,

A handwritten signature in black ink, appearing to read 'Nick Lococo', with a stylized, flowing script.

Nick Lococo

Radiation Safety Officer

OZ Engineering LLC

Song, Taehoon

From: Tomczak, Tammy
Sent: Monday, April 22, 2019 11:29 AM
To: Song, Taehoon; Sandrik, Lauren; Pavon, Sandy
Subject: FW: RE: RE: Additional Information Needed to Terminate NRC Lic. No. 13-35299-01
Attachments: 13-35299-01 Auth Possession Leak History Form 699 response Item 3 rv.pdf; 13-35299-01 Listed Possessed Gauges Form 699 response Item 1 rv.pdf; 13-38299-01 Transfer of Control Form 699 response Item 4 rv.pdf; 13-35299-01 Recent Leak Tests Form 699 response Item 2 rv.pdf

Hi Tae ☺

Can you please put the attached documents into ADAMS?

Thank you!!!
Tammy

From: Doug Jury [mailto:djury@geoconcompanies.com]
Sent: Monday, April 22, 2019 11:24 AM
To: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Cc: Tomczak, Tammy <Tammy.Tomczak@nrc.gov>
Subject: [External_Sender] RE: RE: Additional Information Needed to Terminate NRC Lic. No. 13-35299-01

Tammy,

Attached are the submissions for OZ Engineering License 13-35299-01 referred to in Erin's below email. The submittals are now dated. Please let me know if any further revisions are needed. Thank you.

Doug Jury
Laboratory Manager
O- 815-523-7924
C - 815-509-3629
djury@geoconcompanies.com

From: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Sent: Friday, April 19, 2019 5:00 PM
To: Doug Jury <djury@geoconcompanies.com>
Cc: Tomczak, Tammy <Tammy.Tomczak@nrc.gov>
Subject: RE: RE: Additional Information Needed to Terminate NRC Lic. No. 13-35299-01

Good Afternoon Mr. Jury,

I did not receive your dated submissions for Geocon and Oz Engineering by close of business this afternoon. As we discussed, I will be out of the office for the next two weeks. Please copy Tammy Tomczak (Tammy.Tomczak@nrc.gov) on the submittals so that they can be routed appropriately.

Thank you,

Erin Kennedy

U.S. Nuclear Regulatory Commission, Region III
Health Physicist- Materials Licensing
Email: erin.kennedy@nrc.gov
Office: 630-829-9876

From: Doug Jury [<mailto:djury@geoconcompanies.com>]
Sent: Wednesday, April 17, 2019 2:51 PM
To: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Subject: [External_Sender] RE: Additional Information Needed to Terminate NRC Lic. No. 13-35299-01

Erin,

Attached are the responses to the requested items 1-4 from the NRC Form 699 received on 04/11/2019.
Please inform me if changes, Corrections or additions need to be made on any of the submittals.
Thank you.

Douglas R. Jury



O 815-523-7924
C 815-509-3629
djury@geoconcompanies.com

From: Kennedy, Erin <Erin.Kennedy@nrc.gov>
Sent: Thursday, April 11, 2019 1:29 PM
To: Doug Jury <djury@geoconcompanies.com>; Nick Lococo <nick.lococo@geoconcompanies.com>
Subject: Additional Information Needed to Terminate NRC Lic. No. 13-35299-01

Good Afternoon Mr. Jury and Mr. Lococo,

Thank you for taking the time to discuss the termination of your NRC license with me this morning. Please see the attached conversation record for further details. If you have any questions, I will be available at 630-829-9876.

Thank you,

Erin Kennedy

U.S. Nuclear Regulatory Commission, Region III
Health Physicist- Materials Licensing
Email: erin.kennedy@nrc.gov
Office: 630-829-9876

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