

From: [Domey, John](#)
To: [Lodhi, Sattar](#)
Cc: [Morris, Donal](#); [Domey, John](#)
Subject: RE: mail control number 586094: Your Request for an Amendment:
Date: Monday, March 23, 2015 12:46:54 PM
Attachments: [Leak test 33357.pdf](#)
[Leak test 33221.pdf](#)
[Leak test 33644.pdf](#)
[Lic Amend Req revised 032315-signed.pdf](#)

Sattar,

This e-mail is in regard to mail control number 586094.

I have attached a signed copy of the requested amendment by supervisor & manager dated February 06, 2015.

I have attached the leak test reports for portable nuclear density/moisture gauges SN: 33221, 33357, & 33644.

Gauge 33221 is the primary gauge assigned to that location. Gauge 33357 & 33644 were assigned to that location off and on as well last construction season.

If you have any questions please do not hesitate to contact me.

Thank you,

John E. Domey

Construction and Materials Bureau

Independent Assurance Unit

2178 Airport Rd., Unit B

Berlin, VT 05641-8628

Phone (802) 828-6914

Cell phone (802) 498-8258

From: Lodhi, Sattar [mailto:Sattar.Lodhi@nrc.gov]

Sent: Monday, March 23, 2015 9:00 AM

To: Domey, John

Subject: Your Request for an Amendment

John:

In order for us to process your request for an amendment to your NRC license we need the following information:

1. Confirmation that there is no residual radioactive contamination at your facility at District 4, 221 Beswick Drive, White River Junction, before we can delete this facility from your license;
2. NRC policy requires that all correspondence related to a license be signed by a member of the licensee's senior management, therefore we need to have your response to this request be signed by a member of your management, including the statement that he/she concurs with your request dated February 6, 2015.
3. Please refer to mail control number 586094 in your response.

You may send your response to me via e-mail (attached pdf), or you can fax it to us at (610) 337 5269. Please do not hesitate to call me if you have any questions regarding this matter. Thank you.

Sattar Lodhi
Senior Health Physicist
US NRC, Region I
(610) 337 5364

Applied Health Physics, LLC

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

This certificate shall not be reproduced except in full, without the written approval of Applied Health Physics.

Device Information

Device Serial Number:	33357	Source Serial Number:	750-8806 / 47-9137		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3430	Source Model:	3430		
Device Type:	Gauge	Make:	Moisture Density	Location:	Central Garage Stall 3
Radioisotope:	Cs-137 / Am241Be	Activity:	8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Domey	Leak Test Performed on:	2/4/2015
Leak Test Specimen Number:	A-039846	Leak Test Analysis Date:	2/11/2015
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	John Domey
2178 Airport Rd Unit B	Phone:	(802) 828-6914
Materials & Research Section	Contact:	john.domey@state.vt.us
Berlin	Phone:	(802) 828-2792
VT		05641

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 8/4/2015

Applied Health Physics

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

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Mark V Leak Test Certificate

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Device Information

Device Serial Number:	33357	Source Serial Number:	750-8806 / 47-9137
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler
Device Model:	3430	Source Model:	3430
Device Type:	Gauge	Make:	Moisture Density
		Location:	Central Garage Stall 3
Radioisotope:	Cs-137 / Am241Be	Activity:	8 mCi / 40 mCi

Leak Test Information

Leak Test Performed by:	John Domey	Leak Test Performed on:	8/5/2014
Leak Test Specimen Number:	A-038798	Leak Test Analysis Date:	8/13/2014
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	John Domey
2178 Airport Rd Unit B	Phone:	(802) 828-6914
Materials & Research Section	Contact:	john.domey@state.vt.us
	Phone:	(802) 828-2792
Berlin	VT	05641

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 2/5/2015

Applied Health Physics, LLC

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

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Device Information

Device Serial Number: ~~33227~~ 33221 (JED) 09/18/2015
Device Manufacturer: Troxler
Device Model: 3430
Device Type: Gauge
Radioisotope: Cs-137 / Am-241Be
Source Serial Number: 750-8596 / 4729293
Source Manufacturer: Troxler
Source Model: 3430
Location: Stall 3 Central Garage
Make:
Activity: 8.0 / 40.0 mCi

Leak Test Information

Leak Test Performed by: John Doney
Leak Test Specimen Number: A-039757
Leak Test Analysis Performed by: L. McAllister
Leak Test Results Indicate an Activity of: < 0.005 uCi
Leak Test Performed on: 2/4/2015
Leak Test Analysis Date: 2/11/2015

Notification

The analysis of this leak test sample was provided by Applied Health Physics. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation
2178 Airport Rd Unit B
Materials & Research Section
Berlin VT 05641
Contact: John Doney
Phone: (802) 828-6914
Contact: john.doney@state.vt.us
Phone: (802) 828-2792

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 8/4/2015

Applied Health Physics

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

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MATERIALS and
RESEARCH SECTION

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	33221	Source Serial Number:	750-8596 / 47-29293
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler
Device Model:	2430	Source Model:	3430
Device Type:	Gauge	Make:	Moisture Density
Radioisotope:	Cs-137 / Am-241Be	Location:	SE Regional Lab
		Activity:	8 mCi / 40 mCi

Leak Test Information

Leak Test Performed by:	John Domey	Leak Test Performed on:	8/4/2014
Leak Test Specimen Number:	A-038786	Leak Test Analysis Date:	8/13/2014
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	John Domey
2178 Airport Rd Unit B	Phone:	(802) 828-6914
Materials & Research Section	Contact:	john.domey@state.vt.us
	Phone:	(802) 828-2792
Berlin	VT	05641

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 2/4/2015

Applied Health Physics

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

This certificate shall not be reproduced except in full, without the written approval of Applied Health Physics.

Device Information

Device Serial Number:	750-8596 33221 JED 260-2411)	Source Serial Number:	750-8596/47-29293		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3430	Source Model:	3430/3430		
Device Type:	Gauge	Make:	Alpha Beta	Location:	Central Garage Stall 3
Radioisotope:	Cs-137/Am-241	Activity:	8/40 mCi		

Leak Test Information

Leak Test Performed by:	John Domey	Leak Test Performed on:	2/4/2014
Leak Test Specimen Number:	A-037575	Leak Test Analysis Date:	2/10/2014
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	John Domey
2178 Airport Rd Unit B	Phone:	(802) 828-6914
Materials & Research Section	Contact:	john.domey@state.vt.us
	Phone:	(802) 828-2792
Berlin	VT	05641

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 8/4/2014

Applied Health Physics, Inc.

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

This certificate shall not be reproduced except in full, without the written approval of Applied Health Physics, Inc.

Device Information

Device Serial Number:	750-8596 33221 (360)	Source Serial Number:	750-8596/47-29293		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3430	Source Model:	3430/3430		
Device Type:	Gauge	Make:	Alpha Beta	Location:	38 Regional Lab (360)
Radioisotope:	Cs-137/Am-241	Activity:	8/40 mCi		

Leak Test Information

Leak Test Performed by:	Christopher Rea	Leak Test Performed on:	8/27/2013
Leak Test Specimen Number:	A-035576	Leak Test Analysis Date:	9/4/2013
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Inc. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, Inc. will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, Inc. utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	Christopher Rea
	Phone:	(802) 828-6923
1716 US Route 302	Contact:	FAX
	Phone:	(802) 828-2792
Berlin VT 05602		

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 2/27/2014

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SEP 11 2013

MATERIALS and
RESEARCH SECTION

Applied Health Physics, Inc.

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	33221	Source Serial Number:	750-8596 / 47-29293		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	2430	Source Model:	3430		
Device Type:	Gauge	Make:	Moisture Density	Location:	Central Garage
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by:	Christopher Rea	Leak Test Performed on:	12/20/2012
Leak Test Specimen Number:	A-032628	Leak Test Analysis Date:	2/18/2013
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Inc. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, Inc. will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics, Inc. utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	Christopher Rea
Materials & Research Section	Phone:	(802) 828-6923
1 National Life Drive	Contact:	FAX
	Phone:	(802) 828-2792
Montpelier	VT	05633

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 6/20/2013

Applied Health Physics, Inc.

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

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JUN 27 2012

MATERIALS and
ASSESSMENT SECTION

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	33221	Source Serial Number:	750-8596 / 47-29293		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	2430	Source Model:	3430		
Device Type:	Gauge	Make:	Moisture Density	Location:	SE Reg
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by:	Chris Rea	Leak Test Performed on:	6/1/2012
Leak Test Specimen Number:	A-033930	Leak Test Analysis Date:	6/21/2012
Leak Test Analysis Performed by:	M. Lazzari		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Inc. Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics, Inc. will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency.

Client Information

State of Vermont Agency of Transportation	Contact:	Christopher Rea
Materials & Research Section	Phone:	(802) 828-6923
1 National Life Drive	Contact:	FAX
	Phone:	(802) 828-2792
Montpelier	VT	05633

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due 12/1/2012

Applied Health Physics, LLC

2986 Industrial Blvd., Bethel Park, Pa 15102 Phone: (412) 835-9555 Fax: (412) 835-9559
E-Mail address: kmobley.ahp@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

Mark V Leak Test Certificate

This certificate shall not be reproduced except in full, without the written approval of Applied Health Physics.

Device Information

Device Serial Number:	33644	Source Serial Number:	750-9312 / 47-4733		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3430	Source Model:	3430		
Device Type:	Gauge	Make:	Moisture Density	Location:	SE.Regional Lab
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Domey	Leak Test Performed on:	2/4/2015
Leak Test Specimen Number:	A-039768	Leak Test Analysis Date:	2/11/2015
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	John Domey
2178 Airport Rd Unit B	Phone:	(802) 828-6914
Materials & Research Section	Contact:	john.domey@state.vt.us
Berlin	Phone:	(802) 828-2792
		VT 05641

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Next LT Due 8/4/2015

Applied Health Physics

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E-Mail address: ahp.inc@comcast.net - Web Page address: WWW.APPLIEDHEALTHPHYSICS.COM

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APPLIED HEALTH PHYSICS

Mark V Leak Test Certificate

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Device Information

Device Serial Number:	33644	Source Serial Number:	750-9312 / 47-4733		
Device Manufacturer:	Troxler	Source Manufacturer:	Troxler		
Device Model:	3430	Source Model:	3430		
Device Type:	Gauge	Make:	Moisture Density	Location:	Central Garage Stall 3
Radioisotope:	Cs-137 / Am-241Be	Activity:	8 mCi / 40 mCi		

Leak Test Information

Leak Test Performed by:	John Domey	Leak Test Performed on:	8/4/2014
Leak Test Specimen Number:	A-038726	Leak Test Analysis Date:	8/13/2014
Leak Test Analysis Performed by:	L. McAllister		
Leak Test Results Indicate an Activity of:	< 0.005 uCi		

Notification

The analysis of this leak test sample was provided by Applied Health Physics, Pennsylvania Department of Environmental Protection License Number PA-0228A. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, Applied Health Physics will notify you promptly by telephone; at such time you will need to take the appropriate actions required by the governing regulatory agency. Applied Health Physics utilized the following for leak test analysis: Sample model: MARK V Leak Test Kit for wet swab analysis. Leak test analysis instrument: Manufacturer - Protean Instruments Model ASC950 serial number 01216140.

Client Information

State of Vermont Agency of Transportation	Contact:	John Domey
2178 Airport Rd Unit B	Phone:	(802) 828-6914
Materials & Research Section	Contact:	john.domey@state.vt.us
	Phone:	(802) 828-2792
Berlin	VT	05641

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Next LT Due 2/4/2015



State of Vermont
Construction and Materials Bureau
Independent Assurance Unit
2178 Airport Road, Unit B
Berlin, Vermont 05641-8628
<http://vtrans.vermont.gov>

[phone] 802-828-2561
[fax] 802-828-2792
[ttd] 800-253-0191

Agency of Transportation

February 6th, 2015

Betsy Ullrich, MS, CHP
Senior Health Physicist, RI
US NRC
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

Subject: Name and Address change associated with License number 44-14149-02 and additional addresses where licensed material may be stored.

Greetings Ms. Ullrich;

I am requesting that the license noted above be amended to reflect the new name and address of the Construction and Materials Bureau's Central Laboratory of the Vermont Agency of Transportation.

Section 1 of the current license indicates the name and address associated with License 44-14149-02. I am requesting that the following name and address be revised in Section 1 of the license:

VT Agency of Transportation
Construction and Materials Bureau's Central Laboratory
2178 Airport Road, Unit B
Berlin, VT 05641-8628

The name and address effective date for the Construction and Materials Bureau is 1-July-2014.

Section 10 of the current licensed indicates where licensed material may be stored. I am requesting these new addresses be **added** to section 10 of the license:

District 4, 1961 VT Rout 106, Reading, VT 05062
2057 Reservoir Road, Perkinsville, VT 05151
235 Joshua Place, Rutland, VT 05701
5 School Street, Essex Jct., VT 05452
80 Roberge Street, Newport, VT 05855
124 Richardson Road, Hardwick, VT 05843
299 Hollister Hill Road, Plainfield, VT 05667



Additionally, I am requesting this address be **deleted** from section 10 of the license:

District 4, 221 Beswick Drive, White River Junction

The additional addresses affective date will be the date of acceptance of this amendment.

If there is any additional information required regarding this amendment to the Material License, please do not hesitate to contact me.

Regards,

John E. Domey

John Domey, RSO
Construction & Materials Bureau
Independent Assurance
802-498-8258
john.domey@state.vt.us

I concur with these requests mention above.

Donal Morris

Donal Morris
Certification & Independent Assurance Supervisor
donal.morris@state.vt.us
Phone: 802-828-6923

Mladen Gagulic 03/24/2015

Mladen Gagulic
Materials and Certification Manager
mladen.gagulic@state.vt.us
Phone: 802-828-6405
Cell: 802-461-7266