



the standard in safety

Underwriters
Laboratories

July 6, 2010

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

RE: Request for amendment to NRC Material License No. 13-32402-01
Control Number 319086

Dear Ms. Simmons,

The purpose of this letter is to request amendments to the above NRC license dated December 1, 2008.

The proposed changes are in personnel only. This affects the Conditions sections of our current license: 11A, 11B and 12.

In section 11A, a change in Radiation Safety Officer (RSO) is requested. Raymond A. Siery will replace Carrie Blankenmyer in this capacity. Carrie Blankenmyer has left the company as of July 6, 2010. Mr. Siery has completed a 40-Hour Radiation Safety Officer Training Course, Radionuclides in Drinking Water 3 day conference (Radiochemistry Society) and RRD-Tri Carb LSC training course (Perkin-Elmer). He also acted as assistant RSO. These training documents are located in the original letter to Kevin Null request under separate cover.

In section 11B, a corresponding change to the assistant RSO is requested. Dale Piechocki will replace Raymond A. Siery as Assistant RSO. Mr. Piechocki has completed a 40-Hour Radiation Safety Officer Training Course. This training document is located in the original letter to Kevin Null request under separate cover.

In section 12, it is requested that Tina Shepherd and Jane Timm be added as authorized users. Training documents for each are attached. Theresa Flores and Ojeta Oke shall remain as authorized users. Carrie Blankenmyer should be dropped from the license.

Sincerely,

Dennis J. Leeke
Operations Manager
Water Quality and Systems Division
Underwriters Laboratories

Demonstration of Capability Certification Statement UL - South Bend

Date: 3/26/10
Analyst/Technician Name: Tina Shepherd
Matrix: Laboratory reagent water
Method and Analyte: 7500-RAD ^W ~~and~~ (Ra 228)
UL-SBN Document Control #: RAD-003-08
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study (per EPA Cert. Manual)
- b. Continuing Demonstration of Capability Study
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry)
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Tina Marie Shepherd</u> Analyst/Technician	<u>Tina Marie Shepherd</u> Signature	<u>3/26/10</u> Date
<u>[Signature]</u> Section Manager	<u>[Signature]</u> Signature	<u>3/20/10</u> Date
<u>EVIENE KLESTA</u> Quality Assurance	<u>[Signature]</u> Signature	<u>3-30-2010</u> Date

Demonstration of Capability Certification Statement UL - South Bend

Date: 3/31/10
Analyst/Technician Name: Tina Marie Shepherd
Matrix: Laboratory reagent water

Method and Analyte: 7500 - Ra B from 7500-RaD Ra 226
UL-SBN Document Control #: RAD-003-08
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study *(per EPA Cert. Manual)*
- b. Continuing Demonstration of Capability Study
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry)
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Tina Marie Shepherd</u> Analyst/Technician	<u>Tina Marie Shepherd</u> Signature	<u>3/31/10</u> Date
<u>Ron Siley</u> Section Manager	<u>Ron Siley</u> Signature	<u>4.5.10</u> Date
<u>EUGENE KLESTA</u> Quality Assurance	<u>E Klesta</u> Signature	<u>4-30-2010</u> Date

Demonstration of Capability Certification Statement UL - South Bend

Date: 5/25/10
Analyst/Technician Name: Tina Marie Shepherd
Matrix: Laboratory reagent water
Method and Analyte: 7500-RnB Radon
UL-SBN Document Control #: Rad 006-06
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study (per EPA Cert. Manual)
- b. Continuing Demonstration of Capability Study
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry)
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Tina Marie Shepherd</u> Analyst / Technician	<u>Tina Marie Shepherd</u> Signature	<u>5/25/10</u> Date
<u>Ray Siery</u> Section Manager	<u>Ray Siery</u> Signature	<u>6/15/10</u> Date
<u>EUGENE KLESTA</u> Quality Assurance	<u>E Klesta</u> Signature	<u>6-17-2010</u> Date

Demonstration of Capability Certification Statement UL - South Bend

Date: 4/1/10
Analyst/Technician Name: Tina Marie Shepherd
Matrix: Laboratory reagent water

Method and Analyte: 7110 B and Gross Alpha and Gross Beta
UL-SBN Document Control #: Rad -002-08
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study
- b. Continuing Demonstration of Capability Study (per EPA cert. manual)
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry)
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Tina Marie Shepherd</u> Analyst / Technician	<u>Tina Marie Shepherd</u> Signature	<u>4/1/10</u> Date
<u>Ray Stora</u> Section Manager	<u>Ray Stora</u> Signature	<u>4.1.10</u> Date
<u>EUGENE KLESTA</u> Quality Assurance	<u>E Klesta</u> Signature	<u>4-1-2010</u> Date

Demonstration of Capability Certification Statement UL - South Bend

Date: 3/29/10
Analyst/Technician Name: Tina Marie Shepherd
Matrix: Laboratory reagent water
Method and Analyte: 7110C and Gross Alpha
UL-SBN Document Control #: RAD-002-08
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study (per EPA cert. manual)
- b. Continuing Demonstration of Capability Study
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry)
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Tina Marie Shepherd</u> Analyst / Technician	<u>Tina Marie Shepherd</u> Signature	<u>3/29/10</u> Date
<u>Ray Siery</u> Section Manager	<u>Ray Siery</u> Signature	<u>3/30/10</u> Date
<u>EUGENE KLESTA</u> Quality Assurance	<u>EJ Klesta</u> Signature	<u>3-30-2010</u> Date

Demonstration of Capability Certification Statement UL - South Bend

Date: 3/31/10
Analyst/Technician Name: Jane Timm
Matrix: Laboratory reagent water
Method and Analyte: 7500 Ra B/D Radium 226/228
UL-SBN Document Control #: RAD-003-08
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study
- b. Continuing Demonstration of Capability Study
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry) 4 - LFB's for 226/228
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry) L - LRB's 226 and 228 (for 228 run 142174 and 142995)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Jane Timm</u> Analyst / Technician	<u>Jane Timm</u> Signature	<u>3/31/10</u> Date
<u>Ray Silyn</u> Section Manager	<u>Ray Silyn</u> Signature	<u>3/31/10</u> Date
<u>EUGENE KLESA</u> Quality Assurance	<u>E Klesta</u> Signature	<u>4-20-2010</u> Date

Demonstration of Capability Certification Statement UL - South Bend

Date: 2/17/10
Analyst/Technician Name: Jane Timm
Matrix: Laboratory reagent water

Method and Analyte: 7110 C Gross Alpha
UL-SBN Document Control #: RAD-002-09
We, the undersigned, CERTIFY that:

The analyst identified above, using the cited test method, has met the demonstration of capability requirements according to the NELAC or EPA Certification Manual standards by performing at least one of the following (check those which apply):

- a. Initial Demonstration of Capability Study
- b. Continuing Demonstration of Capability Study
- c. Acceptable performance on a blind sample (single blind PT Study to the analyst) (Except Radiochemistry)
Analysis Date: _____ Sample ID#: _____
- d. Four consecutive lab control samples with acceptable levels of precision and accuracy (Except Radiochemistry) 4-LFB's, 4-LRB's Run 140994
- e. Successful analysis of blind sample on similar test method using the same technology (Except Radiochemistry)

If a-e cannot be performed then:

- f. Analysis of authentic samples with results statistically indistinguishable from those obtained by another trained analyst when it is not possible to add a known amount of analyte (e.g., color, odor, pH). (Except Radiochemistry)
- g. Other: _____

The data associated with the demonstration capability are true, accurate, complete and self-explanatory.

The analyst identified on this certification statement has read the cited test method, UL-SBN SOP, instrument operation manuals and related reading materials.

A copy of the laboratory-specific SOPs is available for all personnel on-site.

The analyst identified on this certification performed the test method as documented.

All raw data (including a copy of this certification form) necessary to reconstruct and validate these analyses have been retained at the facility, and the associated information is well-organized and available for review by authorized inspectors.

<u>Jane Timm</u> Analyst/Technician	<u>[Signature]</u> Signature	<u>2/17/10</u> Date
<u>Ran Silva</u> Section Manager	<u>[Signature]</u> Signature	<u>2/17/10</u> Date
<u>EUGENE KLESTA</u> Quality Assurance	<u>[Signature]</u> Signature	<u>2-22-2010</u> Date