



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

January 8, 2009

Soilogic, Inc.
ATTN: Wolfram von Carlowitz
President & Radiation Safety Officer
1435 Hilltop Circle
Windsor, CO 80550

SUBJECT: TERMINATION OF NRC RADIOACTIVE MATERIALS LICENSE NO. 05-27806-01

By NRC Form dated October 7, 2008, you informed the U.S. Nuclear Regulatory Commission (NRC) that you wished to terminate your NRC radioactive materials license. The NRC Form 314 dated October 7, 2008, stated that all radioactive material had been transferred to your State of Colorado license.

Based on these conclusions, no further remediation or actions with respect to NRC regulated material is required.

Please find enclosed Amendment No. 01 to License No. 05-27806-01, authorizing your license termination. An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(20)(ii).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have questions or require clarification on any of the information stated above, please contact me at 817-860-8132.

Sincerely,

/RA/

Jacqueline D. Cook, Senior Health Physicist
Nuclear Materials Safety Branch B

Docket: 030-36901
License: 05-27806-01
Control: 471986

Enclosure: As stated

CHECKLIST

NUREG 1757 - Appendix C: CHECKLIST OF ACTIONS TO BE COMPLETED BY NRC STAFF UPON RECEIPT OF LICENSED FACILITIES NOTIFICATION OF INTENT TO CEASE LICENSED OPERATIONS

Facility Information: License No.: 05-27806-01 Docket No.: 030-36901

Facility Name: Soilogic, Inc.
Address: 1435 Hilltop Circle
Address: Windsor, CO 80550

Project Manager: Jacqueline D. Cook (NRC Staff reviewing the Termination Request.)
Date of Notification: October 7, 2008

Soilogic, Inc. was determined to be Group 1

For Groups 1 and 2, the acceptable methods for demonstrating the suitability of the site for unrestricted use is described in Chapters 8 and 9 of NUREG 1757, *Consolidated NMSS Decommissioning Guidance*, Volume 1, "Decommissioning Process for Materials Licensees."

Group 1 Licensees (Refer to Section 8.1 of NUREG 1757)

Question 1:

[G1-Question 1 (Yes)] This licensee possessed and used only sealed sources and their most recent leak tests are current and demonstrate that the sealed sources did not leak while in their possession.

Comments: **The licensee transferred all radioactive material to their State of Colorado license.**

Question 2:

[G1-Question 2 (No)] This licensee possessed and used relatively short-lived radioactive material (i.e., $T_{1/2}$ less than or equal to 120 days) in an unsealed form, the maximum activity authorized under the license has decayed to less than the quantity specified in 10 CFR Part 20, Appendix C, and the licensee's survey performed in accordance with 10 CFR Part 30.36 does not identify any residual levels of radiological contamination greater than decommissioning screening criteria.

NOTE: Licensees decommissioning under Group 1 would not be required to develop a DP.

(If Licensee is designated as Group 1, then you may end the Checklist here!)
(Please Go to the Last Page)

Radioactive Material Disposition

October 7, 2008 Date on the submitted NRC Form 314 or equivalent

NA Staff verified disposition of sealed sources or unsealed radioactive material by one of the following:

NA Letter from Form 314 Recipient

 Call to Form 314 Recipient

Comments: **The licensee stated on NRC Form 314 that they transferred material to their State of Colorado license.**

Radioactive Material Records Disposition

[Transfer of Records (No)] Licensee transfer of records discussed in 10 CFR 30.35, 30.36, 30.51; 40.36, 40.42, 40.61; or 70.25, 70.38, 70.51:

 To U. S. NRC

 To individual assuming responsibility for the license, with a copy of the cover letter to the U.S. NRC.

Comments:

Confirmatory or Side-by-Side Survey

 Termination survey submitted by licensee.

 Termination survey satisfies NRC survey requirements.

 Confirmatory or Side-by-Side survey performed:

Type:
Date(s):
Inspector:

 Close-out inspection performed:

Date(s):
Inspector:

Comments:

Materials License Termination/Retirement Form

LICENSE #: <u>05-27806-01</u>	DOCKET #: <u>030-36901</u>
LICENSEE: Soilogic, Inc. ADDRESS: 1435 Hilltop Circle Windsor, CO 80550	EXPIRATION DATE: May 31, 2015 DATE OF CONTACT: October 7, 2008 CONTACTED BY: Wolfram von Carlowitz TITLE: President & Radiation Safety Officer TELEPHONE: 970-412-2811

LICENSE TERMINATED: X

BASIS FOR TERMINATION AND/OR RETIREMENT: **Licensee transferred their radioactive material to their State of Colorado license.**

Licensing staff completing form: <u>Jacqueline D. Cook /RA/</u> [Project Manager]	Date: <u>January 8, 2009</u> [Date of Checklist Review]
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