



Fax Cover Letter

Date: 3/8/2007

Pages: 7 including this one

To: Sam Mulay

From: Kyle Drury

Phone: _____

Phone: 573.483.2564

Fax: 630.515.1259

Fax: 573.483.9474

Remarks: Per you request For your review Reply ASAP Please comment

Message:

Sam,

Per our conversation last week I am sending you a completed form 314 along with the materials license for the company that will be taking possession of the gauge. I have not received back results from the last leak test I performed. Once I receive that I will send as well.

If you have any questions please call me at the above number or e-mail me at kwd@blex.com,

Thank you

Kyle W. Drury

GPS
Site Grading
Heavy & Highway
General Contracting
Underground Utilities
Construction Management

Bloomsdale
12211 State Route Y
P.O. Box 86
Bloomsdale, MO 63627
573.483.2564 o
573.483.9474 f

Maintenance Facility
12207 State Route Y
Bloomsdale, MO 63627
573.483.9089 o
573.483.9097 f



Rolla
1041 East 18th Street
Rolla, MO 65401
573.364.8149 o
573.364.8166 f

Cape Girardeau
364 South Broadview
Suite B
Cape Girardeau, MO 63703
573.339.0784 o
573.339.5999 f

O'Fallon, IL
4 Eagle Center
Suite 4C
O'Fallon, IL 62269
618.622.9386 o
618.624.4693 f

NRC FORM 314 <small>(6-2004)</small> <small>10 CFR 30.360(i)(1); 40.420(i)(1); 70.360(i)(1); and 72.540(i)(1)</small>	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0028 <small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submission is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollecta@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>	EXPIRES: 06/30/2007
CERTIFICATE OF DISPOSITION OF MATERIALS			

LICENSEE NAME AND ADDRESS Bloomsdale Excavating Company, Inc. 12211 State Route Y Bloomsdale, MO 63627	LICENSE NUMBER 24-32572-01	DOCKET NUMBER 030-36928
LICENSE EXPIRATION DATE 05/31/2015		

A. LICENSE STATUS (Check the appropriate box)

This license has expired. This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL
(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.

2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:

a. Transfer of radioactive materials to the licensee listed below:
 March 12, 2007 STS Acquisition Company d/b/a STS Consultants, Ltd. 1035 Kepler Drive Green Bay, WI 54311-8320
 License No. 48-18672-01 L Scott Mottlow, RSO (763) 315-6307

b. Disposal of radioactive materials:

1. Directly by the licensee:

2. By licensed disposal site:

3. By waste contractor:

c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

1. A radiation survey was conducted by the licensee. The survey confirms:

a. the absence of licensed radioactive materials

b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

a. The results of the latest leak test are attached; and/or b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME Kyle W. Drury	TITLE Construction Services Manager	TELEPHONE (include Area Code) (573) 483-2564	E-MAIL ADDRESS kwd@blax.com
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Mail all future correspondence regarding this license to:
 12211 State Route Y, Bloomsdale, MO 63627

C. CERTIFYING OFFICIAL
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE Kyle W. Drury, Construction Services Manager	SIGNATURE <i>Kyle W Drury</i>	DATE March 8, 2007
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WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

FEB 24 2006

RECEIVED MAR 06 2006

Scott J. Mottlow
Radiation Safety Officer
STS Acquisition Company
d/b/a STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, WI 54311

Dear Mr. Mottlow:

Enclosed is Amendment No. 16 to your NRC Material License No. 48-18672-01 in accordance with your request. Please note that the major changes made to your license are printed in bold font.

As discussed in our telephone conversation of February 17, 2006, the new location of use was added to your license. The Broadmoor Street location of use cannot be removed from your license at this time because radioactive material is still on site.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. The enclosed license document is exempt from public disclosure in accordance with 10 CFR 2.390, because its disclosure to unauthorized individuals could present a security vulnerability.

Sincerely,

A handwritten signature in black ink that reads "Toye L. Simmons".

Toye L. Simmons
Materials Licensing Branch

License No. 48-18672-01
Docket No. 030-14020

Enclosure: Amendment No. 16

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION.

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Amendment No. 16

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. STS Acquisition Co. d/b/a STS Consultants, Ltd.</p> <p>2. 1035 Kepler Drive Green Bay, WI 54311-8320</p>	<p>In accordance with letters dated February 14, 2006,</p> <p>3. License number 48-18672-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date December 31, 2010</p> <p>Docket No. 030-14020 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium-137</p> <p>B. Americium-241</p>	<p>Chemical and/or physical form</p> <p>Sealed sources registered either with NRC under 10 CFR 32.240 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.</p> <p>Sealed sources registered either with NRC under 10 CFR 32.240 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.</p>	<p>7. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC for an Agreement State.</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State.</p>
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9. Authorized Use:
- A. To be used in Troxler Model 4640 series, Models 4545 or 3565 or Model 1300 series portable density gauges for measuring physical properties of materials.
 - B. To be used in Troxler Model 3241 series and Models 2226, 3216, 3218 and CPN International, Inc. Model MCM-2 portable surface moisture gauges for measuring physical properties of materials.
 - A. and B. To be used in Troxler Models 3400 series and 4300 series and in Campbell Pacific Nuclear Model MC series and 500 series moisture/density gauges for measuring physical properties of materials.



NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
48-18872-01

Docket or Reference Number
030-14020

Amendment No. 16

CONDITIONS

10. A. Licensed material may be stored and used at the licensee's facilities located at:

STS Consultants, Ltd.
10900 73rd Avenue North
Suite 150
Maple Grove, MN 55369

STS Consultants, Ltd.
3755 Broadmoor Southeast
Suite B
Grand Rapids, MI 49512

STS Consultants, Ltd.
Randolph Centre Bldg.
Suite 100
1502 Randolph Street
Detroit, MI 48226

STS Consultants, Ltd.
1050 Wilson Street
Marquette, MI 49855

STS Consultants, Ltd.
615 South Burdick
Kalamazoo, MI 49007

STS Consultants, Ltd.
7402 Westshire Drive, Suite 100
Lansing, MI 48917

STS Consultants, Ltd.
3839 East Paris
Suite 301
Grand Rapids, MI 49512

B. Licensed material may also be used at the facilities of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission has jurisdiction for regulating the use of licensed material.

11. The Radiation Safety Officer (RSO) for this license is Scott J. Mottow.

12. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in Item 8 of application dated October 11, 2000.

13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State.

B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
48-18672-01

Docket or Reference Number
030-14020

Amendment No. 16

D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U. S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis; analysis of leak samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized
15. Except for maintaining labeling as required by 10 CFR Part 20, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the design or specifications indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
16. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by NRC, to account for all sources and/or devices received and possessed under the license.
17. The licensee is authorized to transport licensed materials in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
19. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.
20. The licensee may detach the source or source rod from gauges for the purpose of cleaning, maintenance, or repair of the gauges in accordance with procedures outlined in the application dated April 11, 2002 and letter dated July 12, 2002.
21. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
48-18672-01

Docket or Reference Number
030-14020

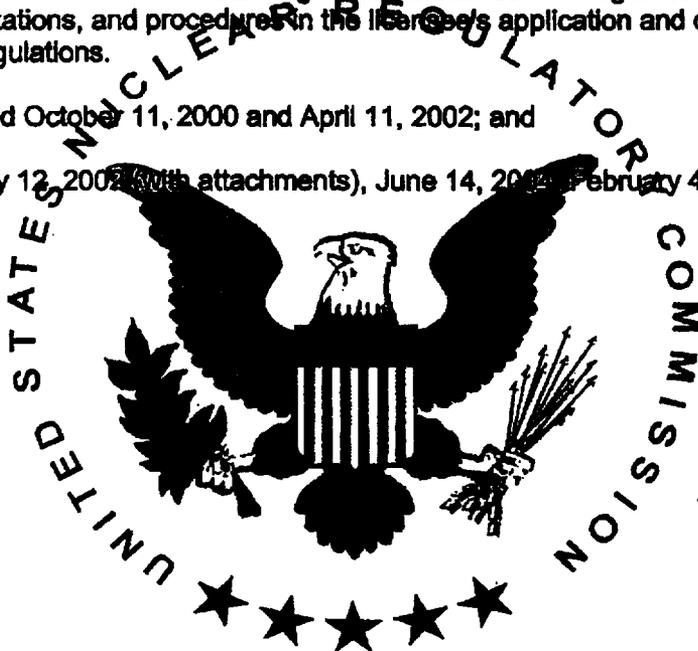
Amendment No. 16

B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U. S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.

22. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Applications dated October 11, 2000 and April 11, 2002; and

B. Letters dated July 12, 2002 (with attachments), June 14, 2004, February 4, 2005 and March 9, 2005.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date FEB 24 2006

By *Toye L. Simmons*
Toye L. Simmons
Materials Licensing Branch
Region III