

Schlumberger Technology Corporation

300 Schlumberger Drive, MD 121  
Sugar Land, TX 77478

**Schlumberger**

February 1, 2010

Nuclear Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region IV  
612 East Lamar Blvd., Suite 400  
Arlington, TX 76011-4125

RECEIVED  
FEB 11 2010  
DNMS

**Re: License No. 42-27055-01**

Dear Sir or Madam:

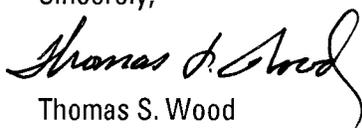
This letter is to request an amendment to our Radioactive Materials License, No. 42-27055-01 with the removal of the Schlumberger facility located on Highway 33 East, Glenville, West Virginia, from Condition 10. A. of the license.

All radioactive materials used at this site were in the form of sealed sources. All sealed sources were removed from the site and transferred to other Schlumberger licensed facilities prior to 2000. →?

Attached you will find a site survey demonstrating readings to be consistent with background readings.

If you have any questions or require additional information, please contact me at 281-285-7460.

Sincerely,



Thomas S. Wood  
Deputy Radiation Safety Officer  
Schlumberger Technology Corporation

Attachments

4 7 2 5 8 2

.00	.06	.02	.00	.03	.02	.02	.03	.04	.02	.04	.01	.01	.06	.03	.01	.01	.05	.03	.05	.01	.06	.06	.04	.05	.04	.03	.04	.05	.01			
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.02	.01	.05	.01	.04	.05	.03	.06	.03	.05	.05	.05	.02	.02	.06	.00	.02	.00	.03	.02	.02	.04	.05	.01	.01	.01	.00	.00	.05	.03			
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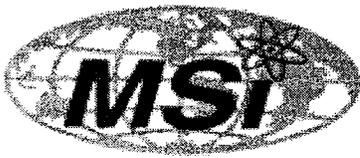


20ft x 20ft Grid  
 Drawing not to scale

Rt 71 Box 7A Hwy 33 East Glenville, WV

Exit Survey conducted on November 4, 2009 by Bob Austin

Survey Meter # 184772 (Ludlum 3, Calib on July 22, 2009) Scale used on Meter 0.1



# MICROTEC SERVICES, INC.

110 Charles Street ♦ Pasadena, TX. 77506  
Tel (713) 475-2274 Fax (713) 475-2362

LEAK TESTING  
CALIBRATIONS  
REPAIR  
NEW INSTRUMENTS

## ◆◆ CERTIFICATE OF CALIBRATION ◆◆

CUSTOMER: SCHLUMBERGER

LOCATION: WESTON, WV

## ◆◆ DESCRIPTION OF INSTRUMENT ◆◆

MAKE: LUDLUM

MODEL: 3

S/N: 184772

DETECTOR: LUDLUM

MODEL: 44-6 BETA/GAMMA GM

S/N: PR192280

DATE OF CALIBRATION: Jul 22, 2009

NEXT DUE DATE: Jan 22, 2010

INSTRUMENT RANGE	REFERENCE CAL. POINT ( mR/hr )	METER READING ( mR/hr )	% ERROR
X100	150	151	0.67
X100	50	50	0.00
X10	16	15.9	-0.62
X10	4	4.0	0.00
X1	1.6	1.50	-6.25
X1	0.4	0.41	2.50
X0.1	0.16	0.16	0.00
X0.1	0.04	0.04	0.00

DET. HIGH VOLTAGE: 903 V

INPUT SENSITIVITY: 35mV

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

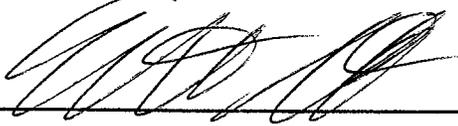
CHECK SOURCE READING: \_\_\_\_\_

TEMPERATURE: 77 °F

RELATIVE HUMIDITY: 43%

BAROMETRIC PRESSURE: 29.77 inHg

CALIBRATED BY: Q. STOKLEY, SR. Q.A. TECHNICIAN

SIGNATURE: 

DATE: Jul 23, 2009

ENERGY CALIBRATED TO Cs-137 (662 keV) TRACEABLE TO N.I.S.T. MICROTEC SERVICES, INC. CERTIFIES THE ABOVE NAMED INSTRUMENT HAS BEEN CALIBRATED IN ACCOURDANCE WITH 10 CFR, TITLE 25 TAC CHAPTER 289, ANSI/NCSL Z540-1-1994, AND/OR MANUFACTURERS SPECIFICATIONS.

TEXAS LICENSE NO. L04656

THIS IS TO CERTIFY THAT

**BOB AUSTIN**

OF

**SCHLUMBERGER TECHNOLOGY CORPORATION**

HAS SUCCESSFULLY COMPLETED

**INSTRUCTOR'S CERTIFICATION TRAINING**  
**FOR RADIATION SAFETY**

JANUARY 12, 2000

DATE



RAYMOND N. DICKES

CORP. RADIATION SAFETY OFFICER

## ACCEPTANCE REVIEW MEMO (ARM)

**Licensee:** Schlumberger Tech

**License:** 42-27055-01

**Docket:** 030-32023

**Mail Control:** 472582

**Type of Action:** Amend

**Date of Requested Action:** 02/01/10

**Reviewer Assigned:**

**ARM reviewer(s):** Torres

Response	Deficiencies Noted During Acceptance Review
<i>Note to reviewer →</i>	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input checked="" type="checkbox"/> Submit copies of latest leak test results. <i>for gauges stored at Glenville, WV.</i> <input type="checkbox"/> Add IC L.C./Fingerprint LC, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material. <input type="checkbox"/> Change of contact information (RSO), send request to update IC database.

**Reviewer's Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

- Yes  No Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
- Yes  No Termination request < 90 days from date of expiration
- Yes  No Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
- Yes  No TAR needed to complete action.

**Branch Chief's and/or HP's Initials:** \_\_\_\_\_

**Date:** \_\_\_\_\_

### SUNSI Screening according to RIS 2005-31

Yes  No **Sensitive and Non-Publicly Available** if any item below is checked

General guidance:

- \_\_\_\_\_ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- \_\_\_\_\_ Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
- \_\_\_\_\_ Design of structure and/or equipment (site specific)
- \_\_\_\_\_ Information on nearby facilities
- \_\_\_\_\_ Detailed design drawings and/or performance information
- \_\_\_\_\_ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- \_\_\_\_\_ RAM quantities and inventory
- \_\_\_\_\_ Manufacturer's name and model number of sealed sources & devices
- \_\_\_\_\_ Site drawings with exact location of RAM, description of facility
- \_\_\_\_\_ RAM security program information (locks, alarms, etc.)
- \_\_\_\_\_ Emergency Plan specifics (routes to/from RAM, response to security events)
- \_\_\_\_\_ Vulnerability/security assessment/accident-safety analysis/risk assess
- \_\_\_\_\_ Mailing lists related to security response

**Branch Chief's and/or HP's Initials:** *RTZ*

**Date:** 2-25-10

FEB 26 2010

DATE

This is to acknowledge the receipt of your letter/application dated 2-01-2010, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

---

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 472582.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at 817-860-8103.

Sincerely,

  
Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

: (FOR LFMS USE)  
: INFORMATION FROM LTS  
: -----  
: Program Code: 03120  
: Status Code: 0  
: Fee Category: 3P  
: Exp. Date: 20151231  
: Fee Comments:  
: Decom Fin Assur Req'd: N  
: .....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: SCHLUMBERGER TECHNOLOGY CORP.  
Received Date: 20100202  
Docket No: 3032023  
Control No.: 472582  
License No.: 42-27055-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: \_\_\_\_\_  
Check No.:           /          

3. COMMENTS

Signed *Cecilia Murnahan*  
Date 2-23-2010

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:  
Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_

From: Origin ID: NQIA (281) 285-7460  
Tom Wood  
Schlumberger Technology Corp.  
300 Schlumberger Drive, MD-121

Sugar Land, TX 77478



J10100012170224

SHIP TO: (817) 276-8552 BILL SENDER

**Ms Rachel Browder**  
**NRC - Region IV**  
**612 E LAMAR BLVD STE 400**

**ARLINGTON, TX 76011**

Ship Date: 01FEB10  
ActWgt: 1.0 LB  
CAD: 100343370/NET3010

Delivery Address Bar Code



Ref #  
Invoice #  
PO #  
Dept #

TRK# 7932 3110 2235  
0201

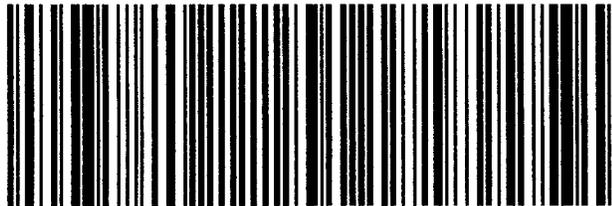
TUE - 02 FEB A1  
STANDARD OVERNIGHT

76011

TX-US

DFW

**AD FWHA**



595G2C733/FEB

