

RECEIVED

MAY 05 2009

Schlumberger

Raymond N. Dickes  
Radiation Safety Officer  
Explosives Safety Officer  
Oilfield Services

DNMS

May 4, 2009

U.S. Nuclear Regulatory Commission  
Region IV  
Texas Health Resources Tower  
612 E. Lamar Blvd, Suite 400  
Arlington, TX 76011-4125

**RE: Amendment Request for License 42-27055-01**

Dear Sirs:

I am writing to request an amendment to the radioactive material license 42-27055-01 issued by the Nuclear Regulatory Commission ("NRC") to Schlumberger Technology Corporation ("STC"). This amendment requests the incorporation of a new STC procedure for documenting physical inventories of radioactive materials, called the "Photo-Inventory", into our license requirements.


The Photo-Inventory procedure requires the following:

1. At least once every twelve months, each fluid density meter ("densitometer") which contains a radioactive source with an activity greater than an exempt quantity shall be photographed;
2. The photograph (i.e. the Photo-Inventory record) shall show:
  - a. The serial number of the densitometer; and
  - b. A unique, six-digit validation number created at the beginning of each month.

The validation number will not be available prior to the first of each month and the unique validation number is created and used each month. Because of this, both the NRC and STC will have, when reviewing Photo-Inventory records, a high level of confidence that a densitometer was physically inventoried within a particular month since the serial number of the densitometer and the validation number for a particular month will be recorded in the photograph.

Please contact me if you have questions regarding this request.

Sincerely,

  
Raymond Dickes

ADAMS # ML092140029  
Template \_\_\_\_\_  
Date 7/9/09 QC'd by JGR

*action 1*

030-32023

Raymond N. Dickes  
Radiation Safety Officer  
Explosives Safety Officer  
Oilfield Services

**Schlumberger**

April 29, 2009

Office of Federal & State Materials and Environmental Management Programs  
U.S. NRC, Two White Flint North  
11545 Rockville Pike  
Rockville, MD 20852-2738  
Attention: Christian Einberg, Mail Stop T8E24

**RE: Radioactive Materials License 42-27055-1**

Dear Sir:


This letter is to request an amendment to our NRC Radioactive Materials License 42-27055-1. We request a change in the Licensee Address as found in Condition 2 of the License.

Old Address	New Address
200 GILLINGHAM LANE, MD-7 SUGAR LAND, TX 77478	300 SCHLUMBERGER DRIVE MAIL DROP 121 SUGAR LAND, TX 77478

Both the old address and the new address reflect the corporate headquarters address. However, due to internal mail drop reassignments, we are requesting the change to ensure that all correspondence from the State is properly received.

Should you require additional information, please contact me.

Sincerely,

  
Raymond N. Dickes

## ACCEPTANCE REVIEW MEMO (ARM)

**Licensee:** Schlumberger Technology Corp      **License No.:** 42-27055-01  
**Docket No.:** 030-32023                      **Mail Control No.:** 472239  
**Type of Action:** Amend                      **Date of Requested Action:** 4/29/09  
**Reviewer Assigned:** ARM reviewer(s): Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Submit copies of latest leak test results. <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.

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

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/> Yes	<input type="checkbox"/> 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:** RITZ      **Date:** 5-20-09

The document was determined to be publicly available as it did not meet any SUNSI criteria in 2005-31. RB Browder 5/2/09

5-26-09

DATE

This is to acknowledge the receipt of your letter/application dated 5-04-09, 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 other omissions or require additional information.

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

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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** 472239.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at 817-860-8103.

Sincerely,

*Colleen Murnahan*

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: 20090505  
Docket No: 3032023  
Control No.: 472239  
License No.: 42-27055-01  
Action Type: Amendment

2. FEE ATTACHED

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

3. COMMENTS

Signed William Putzaker  
Date 5-19-09

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) 285-8492  
Sandra Duffey  
Schlumberger  
200 Gillingham Lane  
Room 207  
Sugar Land, TX 77478



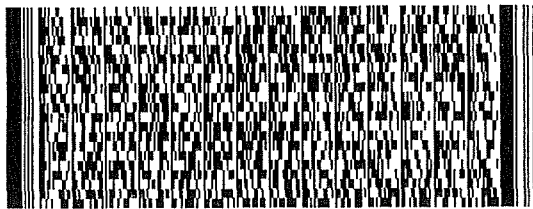
Ship Date: 04MAY09  
ActWgt: 1.0 LB  
CAD: 100112641/INET9011  
Account#: S \*\*\*\*\*

Delivery Address Bar Code



SHIP TO: (817) 860-8100 **BILL SENDER**  
**Rick Munoz**  
**Nuclear Regulatory Agency**  
**612 E LAMAR BLVD STE 400**  
  
**ARLINGTON, TX 76011**

Ref # Amendment request  
Invoice #  
PO #  
Dept #

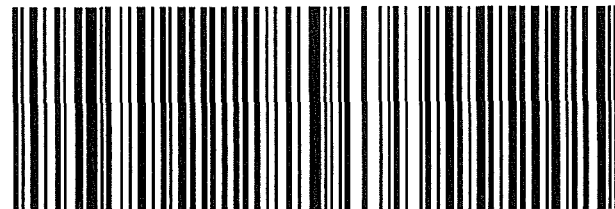


TRK# 7965 7561 2020  
0201

**TUE - 05MAY A1**  
**PRIORITY OVERNIGHT**

**76011**  
**TX-US**  
**DFW**

**AD FWHA**



Ma 4 7 2 2 3 9