



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

(FSME-11-079, August, Training, H-314)

August 9, 2011

ALL AGREEMENT STATES, MICHIGAN

ACCEPTANCE TO THE SAFETY ASPECTS OF WELL LOGGING COURSE (H-314)  
**(FSME-11-079)**

**Purpose:** To provide the list of students selected for the Well Logging Course (H-314).

**Background:** NRC provides the list of students and instructions to the States to help ensure that States with candidates on waiting lists will have an opportunity to fill vacated slots that may open up after this notification letter has been sent.

**Discussion:** Enclosure 1 is the list of students from the States selected to attend the October 3-7, 2011 Safety Aspects of Well Logging Course (H-314). Please provide the list of students and the instructions (Enclosure 2) to each individual from your program that is on the list. Enclosed for your information is a tentative schedule for the course (Enclosure 3). Travel expenses for the students attending this course will be paid for by the U.S. Nuclear Regulatory Commission (NRC). Students should make their travel arrangements through Carlson Wagonlit Travel at 1-866-250-2160 immediately and then submit their travel information needed for NRC to issue their travel authorization. Please go to the following website to download the Travel Application Form <http://nrc-stp.ornl.gov/training.html> and then send it to [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) or fax it to 301-415-3502.

We ask that you inform us of any cancellations 30 days prior to the course starting date or as soon as you are aware that the student cannot attend the course.\*

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\*\*This information request has been approved by OMB 31 50-0029 expiration 11/30/2013. The estimated burden per response to comply with this voluntary collection is approximately 8 hours. Send comments regarding the 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 [infocollects@nrc.gov](mailto:infocollects@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0029), 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

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If you have any questions regarding this correspondence, please contact me or the individual named below.

POINT OF CONTACT: Brenda G. Usilton  
TELEPHONE: (301) 415-2348

INTERNET: [Brenda.Usilton@NRC.GOV](mailto:Brenda.Usilton@NRC.GOV)  
FAX: (301) 415-3502

***/RA/ by James G. Luehman for***

Terrence Reis, Acting Director  
Materials Safety and State Agreements  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosures:

1. Participant List
2. Instructions to Students
3. Tentative Course Schedule

**GAS AND OIL WELL LOGGING COURSE (H-314)  
HOUSTON, TEXAS  
October 3-7, 2011**

STATE	PARTICIPANT(S)
<b>ARKANSAS</b> Dept. of Health 4815 W. Markham St., Slot 30 Little Rock, AR 72206-3867	Angela Dyan Hill
<b>COLORADO</b> Dept. of Public Health & Environment HMWMD-RAAD-B2 4300 Cherry Creek Drive South Denver, CO 80246-1530	Chastiti Etherton
<b>LOUISIANA</b> Dept. of Environmental Quality P.O. Box 4312 Baton Rouge, LA 70821-4312	Jennifer Elee
<b>MISSISSIPPI</b> Dept. of Health 3150 Lawson Street Jackson, MS 39213	Julia Ralston
<b>NEW YORK DEC</b> Radiation Management 625 Broadway, 9 <sup>th</sup> Floor Albany, NY 12233-7255	Thomas Papura
<b>NEW YORK STATE HEATLH</b> 547 River Street, Rm 530 Troy, NY 12180-2216	Brajesh Kothari
<b>OHIO</b> Dept. of Health 246 North High Street Columbus, OH 43215	Patrick Becker
<b>OKLAHOMA</b> Radiation Management Section 707 N. Robinson Oklahoma City, OK 73102	John Flynn
<b>OREGON</b> Dept. of Human Services 800 NE Oregon Street, Suite 640 Portland, OR 97232-2162	Todd Carpenter
<b>PENNSYLVANIA</b> Rachel Carson State Office Bldg. 400 Market Street Harrisburg, PA 17101	Robert Zaccano
<b>TENNESSEE</b> Division of Radiological Health L&C Annex, Third Floor 401 Church Street Nashville, TN 37243-1532	Mariza Gonzalez

STATE	PARTICIPANT(S)
<b>TEXAS</b> Dept. of State Health Services P.O. Box 149347 Austin, TX 78714-9347	Ana Ryan

## INSTRUCTIONS TO STUDENTS

**ACCEPTANCE:** This is to advise you that those individuals in Enclosure 1 have been accepted for participation in the Training Course (H-314), "Safety Aspects of Well Logging." This course is scheduled to be presented October 3-7, 2011 at Schlumberger Technology Corporation's training facility, 210 Schlumberger Drive, Sugar Land, Texas, a Houston suburb.

**COURSE:** The course starts at 8:00 a.m. each morning beginning on Monday, October 3, 2011. The daily sessions will end at approximately 5:00 p.m. each day except that the course will end at noon on Friday, October 7, 2011. Cellular phones and similar devices with audible capability should be disabled while classes are in session. Normal office/business attire is appropriate for students attending TTC courses.

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, October 2, 2011 and depart on Friday, October 7, 2011. Participants must make their own lodging arrangements. If traveling by air, you need to contact Carlson Travel at 1-866-250-2160 for airline reservations. Please complete the Travel Application Form which is located at <http://nrc-stp.ornl.gov/training.html>. You can also go to the same website to receive a copy of the travel instructions and voucher for reimbursement, as well as the tax exemption form. Please return the travel form, and if you have any questions regarding the form contact Brenda Usilton at [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) on 301-415-2348 or fax it to 301-415-3502. No rental cars will be authorized for travel. Individuals should request a Federal government rate at the hotels. The per diem for Houston, Texas is 109/71/180. This means lodging/meals/not to exceed total. Tax should be exempt in Houston. Due to the timing of this acceptance letter the current reserved per diem rate could change to reflect the FY 2012 per diem. If the per diem changes the hotel will be honoring the government rate so the new rate would be covered. Texas has made lodging arrangements with the Sugar Land Marriott Town Square, 16090 City Walk, Sugar Land, Texas 77479. The block of rooms at the Sugar Land Marriott is under the name "NRC Well Logging" at the government rate of \$109.00 when you make your reservation. To make reservations, call the hotel at (281) 275-8400 or click on this link:

<https://webmail.dshs.state.tx.us/exchweb/bin/redir.asp?URL=http://www.marriott.com/hotels/travel/housl?groupCode=nrcnrca%26app=resvlink%26fromDate=10/2/11%26toDate=10/7/11>. The hotel is holding a block of rooms and your reservation should be made as-soon-as-possible as the hotel will release the rooms on Sunday, September 11, 2011.

The Sugar Land Marriott Town Square is the designated meeting place for rides to Schlumberger's training facility and for bus departure on the field trip Wednesday, October 5th. On Monday, October 3rd please meet in the lobby of the Sugar Land Marriott hotel by 7:40 a.m. to coordinate rides with NRC attendees. If you have any questions on getting rides to the class, please contact Chris Myers at 512-834-6770 ext. 2061.

Alternative lodging arrangements may be made by the students. However, each student should remember that rides to the class leaves from the Sugar Land Marriott Town Square. For alternative lodging in the area, please contact Chris Myers, Texas Bureau of Radiation Control, at (512) 834-6770 ext. 2061.

From Houston Intercontinental Airport

Take Beltway 8 from Houston Intercontinental Airport west then south to the U.S. Highway 59 South exit (approximately 40 miles). Go south on U.S. 59 for 3.2 miles to the Alt. 90/Spur 41 Sugarland Exit. Turn right on Spur 41 (Dairy Ashford) and go to the stop light. Turn left on 90A (stay in right lane of 90A). Turn right onto Schlumberger Drive. Follow signs to visitors' center parking area. Check-in at visitors' reception in the Forum Building just off visitors' parking area.

From Houston Hobby Airport

Take I-45 North to U.S. Highway 59. Take U.S. 59 South to Alt. 90/Spur 41 Sugarland Exit. Turn right on Spur 41 (Dairy Ashford) and go to the stop light. Turn left on 90A (stay in right lane of 90A). Turn right onto Schlumberger Drive. Follow signs to visitors' center parking area. Check in at visitors' reception in the Forum Building just off visitors' parking area.

## **NRC SAFETY ASPECTS OF WELL LOGGING COURSE**

*October 3-7, 2011*

### *Agenda*

Schlumberger Technology Corporation  
210 Schlumberger Drive, Sugar Land, Texas

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#### **Monday, October 3, 2011**

- |       |   |  |
|-------|---|--|
| 8:30  | Welcome and Introductions                   | Ray Dickes, RSO, Schlumberger Technology Corporation |
| 8:45  | Video, "Early Well Logging"                 |  |
| 9:00  | Geology                                     | Rick Kear, Schlumberger Technology Corporation       |
| 10:00 | Break                                       |  |
| 10:15 | Drilling                                    | Phil Simpkin, RSO, Baker Hughes                      |
| 11:00 | Lunch                                       |  |
| 12:00 | Well Logging                                | Ray Dickes, RSO, Schlumberger Technology Corporation |
| 12:45 | Cementing                                   | Steve Woods, Senior RSO, Halliburton Energy Services |
| 1:30  | Travel to Houston Museum of Natural Science |  |
| 2:00  | Museum Tour – Wiess Energy Hall             |  |
| 4:00  | Leave Museum for Schlumberger               |  |
| 5:00  | Arrive at Schlumberger - Class Release      |  |

#### **Tuesday, October 4, 2011**

- |      |                                 |  |
|------|---------------------------------|--|
| 8:00 | Review and Questions            | Ray Dickes, RSO, Schlumberger Technology Corporation               |
| 8:15 | Radiation Logging               | Dr. Allen Gilchrist, Geoscientist Staff Advisor/INTEQ, Baker Atlas |
| 9:15 | Break                           |  |
| 9:30 | Tour of Rig and Logging Display | Schlumberger Technology Corporation                                |

Enclosure 3

11:00	Lunch	
12:00	Perforating and Stimulation	Ray Dickes, RSO, Schlumberger Technology Corporation
12:45	Non-Chemical Sources of Radiation	David Huber, RSO, Baker Atlas
1:15	Break	
1:30	Gone Fishing (S...Happens)	David Huber, RSO, Baker Atlas
2:00	Source Manufacturing	Steve Woods, Senior RSO, Halliburton Energy Services
2:30	Logging While Drilling	Phil Simpkin, RSO, Baker Hughes
3:15	Class Photo/Break	
3:30	Tracer Surveys and Handling Tracer Materials and Radioactive Markers	David Huber, RSO, Baker Atlas
4:00- 5:00	Reception	

### ***Wednesday, October 5, 2011***

7:30	Bus Leaves Marriott for Baker Hughes	<b>Please arrive at Marriott by 7:15</b> (16090 City Walk Sugar Land, TX 77479)
8:30	Review and Questions at Baker Hughes	
8:45	Demonstration at Test Well, Operation of Equipment and Loading of Sources	David Huber, RSO, Baker Atlas and Phil Simpkin, RSO, Baker Hughes
10:45	Leave for Halliburton Manufacturing Facility	
11:05	Tour of Halliburton Manufacturing Facility	Steve Woods, Senior RSO, Halliburton Energy Services
12:15	LUNCH & Radiation Safety Program/Training/The Logging Supervisor	Steve Woods, Senior RSO, Halliburton Energy Services
1:30	Leave for Baker Oil Tool	
2:20	Baker Oil Tool Tour	Mike Dulaney, Baker Oil Tools
3:30	Bus returns to Marriott	

### ***Thursday, October 6, 2011***

8:00	NRC Regulations and Increased Security Controls of Well Logging	TBD
9:00	Break	

9:15	Well Logging Inspection Procedures	TBD
10:15	Break	
10:30	Inspection Procedures Continued	
11:00	Lunch	
12:00	Incidents and Investigations	TBD
12:45	Break	
1:00	Transportation of Radioactive Material	Tom Wood, Deputy RSO, Schlumberger Technology Corporation
2:00	Break	
2:15	Decontamination of Well Site	Bob Gallagher, President, NSSI
3:00	Source Recovery	Dwaine Brown, Consultant
4:00	Review and Questions	Ray Dickes, RSO, Schlumberger Technology Corporation
4:15- 4:30	End of Day	

***Friday, October 7, 2011***

8:00	Review and Questions	Ray Dickes, RSO, Schlumberger Technology Corporation
8:15	Irretrievable Sources	Ray Dickes, RSO, Schlumberger Technology Corporation
8:45	Well Site Fire and Sealed Sources	Ray Dickes, RSO, Schlumberger Technology Corporation
9:30	Summary and Review	Ray Dickes, RSO, Schlumberger Technology Corporation
10:00	Break	
10:15	Quiz	
11:30	Course Closure, Housekeeping and Farewell	Ray Dickes, RSO, Schlumberger Technology Corporation