

December 16, 2011

ALL AGREEMENT STATES

**ACCEPTANCE TO THE MARSSIM COURSE (H-121) (FSME-11-109)**

**Purpose:** To provide the list of students selected for the NRC MARSSIM Course.

**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 February 13-17, 2012. This course is to be held in Chattanooga, Tennessee. Please provide the list of students and the instructions (Enclosure 2) to each individual from your program that is on the list. Students attending this course will be paid lodging and per diem. 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 you cannot attend.\*

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\*\* This information request has been approved by OMB 3150-0029 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.

FSME-11-XXX

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If you have any questions regarding this correspondence, please contact me at 301-415-3340 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/ JLuehman for***

Brian J. McDermott, Director  
Materials Safety and State Agreements  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosures:  
As stated

FSME-11-XXX

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Brian J. McDermott, Director  
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and Environmental Management Programs

Enclosures:  
As stated

Distribution: DCD (SP03)  
H. Lynn  
TTC  
DMSSA r/f

**ML11348A240**

<b>OFC</b>	<b>FSME/MSSA</b>	<b>FSME/MSSA</b>
<b>NAME</b>	BGUsilton: <i>JLuehman for</i>	BMcDermott <i>JLuehman for</i>
<b>DATE</b>	12/16 /11	12/16 /11

OFFICIAL RECORD COPY

AGREEMENT STATE STUDENT LIST FOR THE  
 MULTI-AGENCY RADIATION SURVEY AND SITE  
 INVESTIGATION MANUAL (MARSSIM) (H-121)  
 CHATTANOOGA, TN  
 FEBRUARY 13-17, 2012

STATE	PARTICIPANT(S)
<b>CALIFORNIA</b> Dept of Health Services P.O. Box 997414, MS-7610 Sacramento, CA 95899-7414	Jennifer Granger Andrew Taylor Regina Jones
<b>ILLINOIS</b> Division of Nuclear Safety 1035 Outer Park Drive Springfield, IL 62704	Kelly Grahn
<b>KANSAS</b> Dept. of Health & Environment Bureau of Environmental Health 1000 SW Jackson, suite 330 Topeka, KS 66612	Jason Barney
<b>LOUISIANA</b> Emergency & Radiological Services Div. P.O. Box 4312 Baton Rouge, LA 70821-4312	John Fontenot Kitty Jacob
<b>MISSISSIPPI</b> Dept. of Health 3150 Lawson Street Jackson, MS 39213	Jayson Moak
<b>TENNESSEE</b> Division of Radiological Health L&C Annex, Third Floor 401 Church Street Nashville, TN 37243-1532	Sabrina Robertson Jerry Bacon Sasikala Krishnasrma

## 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-121) "Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)." This course is scheduled to be presented February 13-17, 2012, at the U.S. Nuclear Regulatory Commission Technical Training Center (TTC). The TTC is located at 5746 Marlin Road, Suite 200, Osborne Office Center (near Eastgate Shopping Center) Chattanooga, Tennessee 37411-5677. The facility's telephone number is (423) 855-6500.

**COURSE:** This course will be conducted beginning at 8:00 a.m. and end at 5:00 p.m. each day except for Friday February 17, 2011, when the class is scheduled to end at 12:00 noon.

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, February 12, 2011, and depart on Friday, February 17, 2011. Please complete the Travel Application Form which is located at <http://nrc-stp.ornl.gov/training.html> and return it to Brenda Usilton at [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) or fax it to 301-415-3502. If you have any questions regarding the travel form please contact Brenda on 301-415-2348. No rental cars will be authorized for travel. If traveling by air, contact Carlson Wagonlit Travel at 1-866-250-2160 to book reservations. You may also access a copy of the travel instructions and voucher for reimbursement at the above website. The per diem for the area is \$94 for lodging, \$56 for meals and incidents, not to exceed \$150. A tentative outline for the course (Enclosure 3) is attached. 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. Students should bring an engineering or scientific calculator with them.

**COURSE OUTLINE**  
**Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)**  
**February 13-17, 2012 – Chattanooga, TN**

<b>DATE</b>	<b>TIME</b>	<b>TOPIC</b>
Monday	8:15 AM	Welcome, Registration, Orientation
Feb. 13	9:30 AM	INTRODUCTION
	10:00 AM	MARSSIM OVERVIEW
	12:00 N	Lunch
	1:00 PM	MARSSIM OVERVIEW cont'd
	3:00 PM	SELECTION AND APPLICATION OF DCGLs
Tuesday	8:15 AM	DandD, RESRAD, RESRAD Build, VSP
Feb. 14	10:00 AM	Problem Session: DCGLS
	12:00 N	Lunch
	1:00 PM	AREA CLASSIFICATION BY CONTAMINATION POTENTIAL & IDENTIFICATION OF SURVEY UNITS
	2:30 PM	SELECTION OF BACKGROUND REFERENCE AREAS
Wednesday	8:15 AM	Electronic Resources
Feb. 15	9:00 AM	OVERVIEW OF RADIOLOGICAL SURVEY TYPES IN SUPPORT OF DECOMMISSIONING-HISTORICAL SITE ASSESSMENT PROCESS, SCOPING, CHARACTERIZATION, FINAL STATUS SURVEYS
	10:00 AM	DETECTION SENSITIVITY OF SURVEY INSTRUMENTATION-STATIC AND SCAN MDCs
	12:00 N	Lunch
	1:00 PM	STATISTICAL DESIGN OF FINAL STATUS SURVEY- WILCOXON RANK SUM AND SIGN TESTS; HOT SPOT CONSIDERATIONS; DETERMINING SURVEY UNIT LOCATIONS
	3:00 PM	INTEGRATED FINAL STATUS SURVEY
Thursday	8:15 AM	CLASS EXERCISE: STATISTICAL SURVEY DESIGN EXAMPLES
Feb. 16	10:30 AM	THE MARSAME and TRIAD METHODOLOGIES FRAME
	12:00 N	Lunch
	1:00 PM	DATA QUALITY ASSESSMENT- EVALUATING AN EXAMPLE SET
	3:00 PM	DATA QUALITY ASSESSMENT- PERFORMING STATISTICAL TESTS AND ELEVATED MEASUREMENT COMPARISONS; POWER CURVES
Friday	8:15 AM	INDISTINGUISHABLE FROM BACKGROUND
Feb. 17	10:30 AM	FINAL SURVEY REPORTS
	11:00 AM	SUMMARY: TAKING ADVANTAGE OF FLEXIBILITY OFFERED BY MARSSIM
	11:30 AM	Critique/course evaluation
	12:00 N	Adjourn

INSTRUCTORS: Bernhardt and Paul Frame, ORISE