



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

(FSME-11-001, December, Training, H-121)

**December 20, 2010**

ALL AGREEMENT STATES, MICHIGAN

**ACCEPTANCE TO THE MARSSIM COURSE (H-121) (FSME-11-001)**

**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 14-18, 2011. This course is to be held in Bethesda, Maryland. 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.

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/**

Robert J. Lewis, Director  
Materials Safety and State Agreements  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosures:  
As stated

AGREEMENT STATE STUDENT LIST FOR THE  
 MULTI-AGENCY RADIATION SURVEY AND SITE  
 INVESTIGATION MANUAL (MARSSIM) (H-121)  
 BETHESDA, MD  
 FEBRUARY 14-18, 2011

STATE	PARTICIPANT(S)
<b>CALIFORNIA</b> Dept of Health Services P.O. Box 997414, MS-7610 Sacramento, CA 95899-7414	Eric Pulley Kristina DeLeon
<b>KENTUCKY</b> Cabinet for Health & Family Services 275 East Main Street, HS1C-A Frankfort, KY 40621-0001	Melvin Goodfriend
<b>LOUISIANA</b> Emergency & Radiological Services Div. P.O. Box 4312 Baton rouge, LA 70821-4312	Ziad Fahd Brad Schexnayder
<b>MINNESOTA</b> Dept. of Health 625 Robert Street N. P.O. Box 64975 St. Paul, MN 55164-0975	Brandon Juran
<b>NEW YORK STATE HEALTH</b> 547 River Street, RM 530 Troy, NY 12180-2216	Michael Soucie
<b>NORTH CAROLINA</b> Division of Environmental Health Dept. of Environment & Natural Resources 3825 Barrett Drive Raleigh, NC 27609-7221	Henry Barnes
<b>PENNSYLVANIA</b> Bureau of Radiation Protection Rachel Carson State Office Bldg P.O. Box 8469 Harrisburg, PA 17105-8469	Stephan Brown James Hughes
<b>TEXAS</b> MC 1986, P.O. Box 149347 Austin, TX 78714-9347	Shawn Garza Jason Kelly
<b>WASHINGTON</b> Dept. of Health P.O. Box 47827 Olympia, WA 98504-7827	Mike Brennan Scott McDonald

For the purpose of unescorted access to designated NRC training facilities at the Technical Training Center in TN and the Professional Development Center in Bethesda, MD the Agreement State employees listed above may be deemed trustworthy and reliable by virtue of their employment status and nomination for training by their respective program director, or designee, and selection by NRC. The Agreement State employees will not have access to NRC IT resources except as directed by NRC staff.

## 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 14-18, 2011, at the Professional Development Center in Bethesda, Maryland, at 7201 Wisconsin Avenue, Suite 425. It is located 3.5 blocks from the Bethesda Metro stop. For non headquarters personnel traveling to the training, we suggest that you stay at a hotel that is on the metro line for your convenience.

**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 18, 2011, when the class is scheduled to end at 12:00 noon.

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, February 13, 2011, and depart on Friday, February 18, 2011. Below is a list of hotels in the Bethesda, Maryland area. Participants must make their own lodging and travel arrangements. Individuals should request a government rate at the hotels. Below are a number of hotels in the area. The per diem for the area is \$181 for lodging, \$71 for meals and incidents, not to exceed \$252. No rental cars will be authorized. 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. 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. Please return the travel form to Brenda Usilton by email or fax. If you have any questions regarding the form contact Brenda Usilton at [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) or 301-415-2348 fax the form to 301-415-3502. Students should bring an engineering or scientific calculator with them.

Non-NRC attendees should allow sufficient time to process through security screening upon arrival at the training facility. A picture ID or some other form of ID is required. Close by hotels are:

Hyatt Hotel One Bethesda Metro Center Bethesda, MD (301) 657-1234 1-800-233-1234 *Near Bethesda Metro Station	Residence Inn 7335 Wisconsin Ave. Bethesda, MD (301) 718-0200 1-800-331-3131 *Across from Bethesda Metro Station
Bethesda North Marriott Hotel 5701 Marinelli Rd. Rockville, Maryland (301) 984-0004 1-800-859-8003 *Across from the NRC Headquarters	Embassy Suites at Chevy Chase Pavilion 4300 Military Rd., NW Washington, DC (202) 362-9300 1-800-362-2779 *One Metro Stop from NRC's PDC
Ramada Inn 1775 Rockville Pike Rockville, MD (301) 881-2300 1-800-255-1775 *Four Metro Stops from NRC's PDC	Hilton Hotel 1750 Rockville Pike Rockville, MD (301) 468-1100 1-800-222-8733 *Four Metro Stops from NRC's PDC

**COURSE OUTLINE**  
 Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)  
 February 14-18, 2011 – Bethesda, MD

<b>DATE</b>	<b>TIME</b>	<b>TOPIC</b>
Monday	8:15 AM	Welcome, Registration, Orientation
Feb. 14	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. 15	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. 16	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. 17	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. 18	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		