February 23, 2009

ALL AGREEMENT STATES, MICHIGAN, NEW JERSEY, VIRGINIA

ACCEPTANCE TO THE MARSSIM COURSE (H-121) (FSME-09-012)

Enclosure 1 is the list of students from the States selected to attend the April 28-30, 2009, Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) course (H-121). 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). Students attending this course will be paid for by the NRC. Students should make their travel arrangements through Carlson Wagonlit Travel at 301-415-5006 immediately and then submit their travel information needed for NRC to issue their travel authorization (Appendix A) to Traci Kime (Fax 301-415-3502). (See invitational travel information in AD-500 at: http://nrc-stp.ornl.gov/procedures/ad500.pdf) to get to the Appendix A form.

To assist us and other States, and to help ensure that States with candidates on waiting lists will have an opportunity to fill vacated slots that may open up after our course acceptance letters have been sent to you, 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.

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
FAX: (301)415-3502

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

Enclosures:
As stated

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OFC	FSME/DMSSA	FSME/DMSSA	
NAME	BGUsilton:	RJLewis	
DATE	02/23/09	02/23/09	

OFFICIAL RECORD COPY

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

STATE	PARTICIPANT(S)
ARKANSAS Division of Health Radiation Control Section P.O. Box 1437, Slot H-30 Little Rock, AR 72203-1437	Katia Gray
CALIFORNIA Dept of Health Services P.O. Box 997414, MS-7610 Sacramento, CA 95899-7414	Prem Gambhir Lauren Labbe'
FLORIDA Dept. of Health 4052 Bald Cypress Way, Bin C21 Tallahassee, FL 32399-1741	Norman Gilley
KANSAS Dept. of Health & Environment Bureau of Air and Radiation 1000 SW Jackson, Suite 310 Topeka, KS 66612-1366	Stewart Steen
KENTUCKY Radiation Health Branch, Dept of Public Health 100 Sower Blvd, Suite 108 Frankfort, KY 40601	Dewey Crawford Nathan Garner
NEW MEXICO Environment Department Harold S. Runnels Building 1190 St. Francis Drive, Rm S2100 Santa Fe, NM 87502-0110	Sherrie Flaherty
NEW YORK STATE HEALTH 547 River Street Troy, NY 12180-2216	Daniel Samson
TENNESSEE Division of Radiological Health L&C Annex, Third Floor 401 Church Street Nashville, TN 37243-1532	Chuck Johnson Grigsby Stevens
UTAH Dept. of Environmental Quality 168 North 1950 West P.O. Box 144850 Salt Lake City, UT 84114	Philip Griffin

Enclosure 1

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 April 28-30, 2009, 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 Thursday April 30, 2009, when the class is scheduled to end at 4:00 pm.

LODGING AND TRAVEL: You should plan to arrive on Monday, April 27, 2009, and depart on Thursday, April 30, 2009. 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. If traveling by air, you need to contact Carlson Travel at 301-415-5006 for airline reservations. The per diem for the area is $209 for lodging,$64 for meals and incidents, not to exceed $273. No rental cars will be issued. Please complete the invitational travel authorization (Appendix A) request as described in FSME Procedure AD-500, "Invitational Travel Authorization and Voucher" and return it to Traci Kime at TSK@nrc.gov or fax it to 301-415-3502. If you have any questions regarding the travel form please contact Traci on 301-415-8140. Traci will mail your travel voucher packet to your office after the course ends. 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 training. 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)
April 28-30, 2009 – Bethesda, MD

DATE	**TIME**	**TOPIC**
Tuesday		
04/28/09	8:00am	Welcome, Registration, and Orientation
	9:00am	MARSSIM Overview
	11:00am	Overview of Radiological Survey Types in Support of Decommissioning-historical Site Assessment Process, Scoping, Characterization, Final Status Surveys
	12:00 noon	Lunch
	1:00pm	Selection and Application of DCGLS
	2:30pm	Selection of Background Reference Areas

DATE	**TIME**	**TOPIC**
Wednesday		
04/29/09	8:00am	Detection Sensitivity of Survey Instrumentation-Static and Scan MDCs
	10:30am	Classification of Areas by Contamination Potential and Identification of Survey Units
	12:00 noon	Lunch
	1:00pm	Statistical Design of Final Status Survey-Wilcox on Rank Sum and sign Tests; Hot Spot considerations; Determining Survey unit Locations
	2:30pm	Class Exercise: Statistical Survey Design for Thorium-contaminated Site

DATE	**TIME**	**TOPIC**
Thursday		
04/30/09	8:00am	Integrated Final Status Survey – Survey Activities; Survey Coverage by Area Classification; Investigation Levels
	10:00am	Data Quality Assessment – Evaluating Data Set from Class Exercise
	12:00 noon	Lunch
	1:00pm	Data Quality Assessment (cont.) – Performing Statistical Tests and Elevated Measurement Comparisons; Power Curves
	2:30pm	Final Survey Reports
	3:00pm	Summary: Taking Advantage of Flexibility Offered by MARSSIM
	4:00pm	Adjourn

INSTRUCTORS: Eric Abelquist and Paul Frame, ORISE