



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

(FSME-13-006, January, Training, H-121)

January 11, 2013

ALL AGREEMENT STATES

**ACCEPTANCE TO THE MARSSIM COURSE (H-121) – February 11-15, 2013
(FSME-13-006)**

Purpose: To provide the list of students selected for the U.S. Nuclear Regulatory Commission's (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 11-15, 2013. This course is to be held in Chattanooga, TN. 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 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.*

* 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, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (31 50-0029), 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
FAX: (301) 415-3502

/RA/ Pam Henderson for/

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

Enclosures:

1. List of students
2. Instructions for students
3. Tentative Schedule

MULTI-AGENCY RADIATION SURVEY AND SITE
INVESTIGATION MANUAL (MARSSIM) (H-121)
CHATTANOOGA, TN

FEBRUARY 11-15, 2013

STATE	PARTICIPANT(S)
CALIFORNIA Dept. of Health 1500 Capitol Ave., 5 th Floor, MS7610 Sacramento, CA 94817	Lisa Russell Rajwant Singh Bedi Josephine Ortego Jeff Day Gactano Taibi
ILLINOIS Bureau of Radiation Safety 1035 Outer Park Drive Springfield, IL	Gary Foresee
NORTH CAROLINA Dept. of Environment & Natural Resources 3825 Barrett Drive Raleigh, NC 27609-7221	Randy Crowe
TENNESSEE Division of Radiological Health L&C Annex, Third Floor 401 Church Street Nashville, TN 37243-1532	Daniels Sims

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 11- 15 2013 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 15, 2013, when the class is scheduled to end at 12:00 noon. 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. Enclosure 3 is a tentative agenda for the course. 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 or fax it to 301-415-3502. If you have any questions regarding the travel form please contact Brenda on 301-415-2348.

LODGING AND TRAVEL: You should plan to arrive on Sunday, February 10, 2013 and depart on Friday, February 15, 2013. Participants must make their own lodging and travel arrangements.. Please be sure to choose a hotel within the Chattanooga vicinity and within per diem. Individuals should request a Federal government rate at the hotel of their choice. The per diem for Chattanooga, Tennessee is 94/56/150. This means lodging/meals/not to exceed total per day. Tax is a separate line item on your voucher. No rental cars will be authorized for travel. Effective January 1, 2013 the reimbursement for mileage has gone up to 56.5 cents per mile. 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. There is no suitable lodging within walking distance, nor reliable public transportation, from the hotels to the Training Center; therefore, students should coordinate with students who have cars or take a taxi to and from the training center.

COURSE OUTLINE
Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)
February 11-15, 2013, Chattanooga, TN

DATE	TIME	TOPIC
Monday	8:15 AM	Welcome, Registration, Orientation
Feb 11	9:30 AM	INTRODUCTION
	10:00 AM	MARSSIM OVERVIEW
	12:00 PM	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 12	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 13	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 14	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 15	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		