



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

(FSME-13-059, June, Training, H-121)

June 18, 2013

ALL AGREEMENT STATES

ACCEPTANCE TO THE MARSSIM COURSE (H-121) AUGUST 12-16, 2013
(FSME-13-059)

Purpose: To provide the list of students selected for the U.S. Nuclear Regulatory Commission (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 August 12-16, 2013 course. This course is to be held in Rockville, 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 1-800-453-8396 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 (preferred method) 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 (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
FAX: (301) 415-3502

/RA DWhite for/

Brian J. McDermott, Director
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

AGREEMENT STATE STUDENT LIST FOR THE
 MULTI-AGENCY RADIATION SURVEY AND SITE
 INVESTIGATION MANUAL (MARSSIM) (H-121)
 ROCKVILLE, MD
 AUGUST 12-16, 2013

STATE	PARTICIPANT(S)
COLORADO Dept. of Health 4300 Cherry Creek Dr Denver, CO 80246-1530	Shiya Wang
IOWA Dept. of Health Lucas State Office Building, 5 th Fl 3321 East 1 2 th Street Des Moines, IA 50319	Leonardo Wardrobe
LOUISIANA Emergency & Radiological Services Div. P.O. Box 4312 Baton Rouge, LA 70821-4312	Timothy Butler
MINNESOTA Dept. of Health 625 Robert Street N. P.O. Box 64975 St. Paul, MN 55164-0975	Lynn Fortier
NEW YORK STATE HEALTH Empire State Plaza Corning Tower, 16 th Floor Albany, NY 12237	Ilham Almahamid
OKLAHOMA Radiation Management Section 707 N. Robinson Oklahoma City, OK 73102	Jennifer McAllister

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 August 12-16, 2013 at the U.S. Nuclear Regulatory Commission Professional Development Center (PDC). The PDC is located at our new 3 White Flint North Building which is situated across Marinelli Road from One White Flint North (OWFN) between the White Flint Metro station entrance and the Metro parking garage. The address for the new building is 11601 Landsdown Street, North Bethesda, MD 20852. 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. Non-NRC attendees should allow sufficient time to process through security screening upon arrival at the training facility. You will need to show proof of identification when you get to the Professional Development Center. You will be escorted by an NRC employee to the 2nd floor where the training will be held.

COURSE: This course will be conducted beginning at 8:00 a.m. and end at 5:00 p.m. each day except for Friday August 16, 2013, when the class is scheduled to end at 12:00 noon.

LODGING AND TRAVEL: You should plan to arrive on Sunday, August 11, 2013, and depart on Friday, August 16, 2013. 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 \$169 for lodging, \$71 for meals and incidents, not to exceed \$240. 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 1-800-453- 8396 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 (preferred method) or fax (301) 415-3502. If you have any questions regarding the form contact Brenda Usilton at Brenda.Usilton@nrc.gov or telephone her on 301-415-2348.

Students should bring an engineering or scientific calculator with them.

Below is a list of hotels that are on the Metro line. If the hotel requires proof of Federal Travel please let Brenda Usilton know and she will fax you a copy of your authorization.

Hotels

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 NRCs PDC
Ramada Inn 1775 Rockville Pike Rockville, MD (301) 881-2300 1-800-255-1775 *Four Metro Stops from NRCs PDC	Hilton Hotel 1750 Rockville Pike Rockville, MD (301) 468-1100 1-800-222-8733 *Four Metro Stops from NRCs PDC

COURSE OUTLINE
Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)
August 12-16, 2013 – Rockville, MD

DATE	TIME	TOPIC
Monday Aug 12	8:15 AM	Welcome, Registration, Orientation
	9:30 AM	INTRODUCTION
	10:00 AM	MARSSIM OVERVIEW
	12:00 Noon	Lunch
	1:00 PM	MARSSIM OVERVIEW cont'd
	3:00 PM	SELECTION AND APPLICATION OF DCGLs
	Tuesday Aug. 13	8:15 AM
10:00 AM		Problem Session: DCGLS
12:00 Noon		Lunch
1:00 PM		AREA CLASSIFICATION BY CONTAMINATION POTENTIAL & IDENTIFICATION OF SURVEY UNITS
2:30 PM		SELECTION OF BACKGROUND REFERENCE AREAS
Wednesday Aug 14	8:15 AM	Electronic Resources
	9:00 AM	OVERVIEW OF RADIOLOGICAL SURVEY TYPES IN SUPPORT OF DECOMMISSIONING-HISTORICAL SITE ASSESSMENT PROCESS, SCOPI NG, CHARACTERIZATION, FINAL STATUS SURVEYS
	10:00 AM	DETECTION SENSITIVITY OF SURVEY INSTRUMENTATION-STATIC AND SCAN MDCs
	12:00 Noon	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 Aug. 15	8:15 AM	CLASS EXERCISE: STATISTICAL SURVEY DESIGN EXAMPLES
	10:30 AM	THE MARSAME and TRIAD METHODOLOGIES FRAME
	12:00 Noon	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 Aug. 16	8:15 AM	INDISTINGUISHABLE FROM BACKGROUND
	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 Noon	Adjourn
INSTRUCTORS:		Bernhardt and Paul Frame, ORISE