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

June 5, 2014

ALL AGREEMENT STATES

ACCEPTANCE TO THE MARSSIM COURSE (H-121) AUGUST 11-15, 2014
(FSME-14-056)

Purpose: To provide the list of students selected for the U.S. Nuclear Regulatory Commission (NRC) MARSSIM Course (H-121).

Background: The 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 11-15, 2014, MARSSIM course in Rockville, Maryland. Please provide the list of students and instructions (Enclosure 2) to each individual from your program that has been accepted to this class. Also included for your information is a tentative schedule for the course (Enclosure 3). Attendees will be paid lodging and per diem by the NRC. Students should make their travel arrangements through Carlson Wagonlit Travel at 1-800-453-8396, download the new Travel Application Form at http://nrc-stp.ornl.gov/special/travel_form.pdf, and send the completed form to AStrainingandtravel.Resource@nrc.gov. Please inform us of any cancellations 30 days prior to the course start date. This will allow us to ensure that States with candidates on the waiting list have an opportunity to fill vacated slots that may open up after the course acceptance letters have been transmitted.

If you have any questions regarding this correspondence, please contact me at 301-415-3340 or the individual named below:

POINT OF CONTACT: Marcia J. Casby TELEPHONE: (301) 415-6525
INTERNET: AStrainingandtravel.Resource@nrc.gov

/RA Duncan White for/

Laura A. Dudes, 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

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DISTRIBUTION: MSSA r/f H. Lynn TTC

ML14156A321

OFC	FSME/MSSA/ASPB	FSME/MSSA/ASPB	FSME/MSSA
NAME	MCasby	ADWhite	ADWhite for LDudes
DATE	06/ /14	06/ /14	06/ /14

OFFICIAL RECORD COPY

MULTI-AGENCY RADIATION SURVEY AND SITE
INVESTIGATION MANUAL (MARSSIM) (H-121)
AUGUST 11-15, 2014
ROCKVILLE, MD

STATE	PARTICIPANT(S)
ARKANSAS Dept. of Health 4815 W. Markham St., Slot 30 Little Rock, AR 72205-3867	Angela Minden
CALIFORNIA Dept. of Health Services Sacramento, CA 9499-7414	Tanya Ridgle
COLORADO Dept. of Health 4300 Cherry Creek Dr. Denver, CO 80246-1530	Cheri Hall
GEORGIA Environmental Protection Division 4244 International Parkway, Suite 120 Atlanta, GA 30354	David Crowley
LOUISIANA Emergency & Radiological Services Div. Baton rouge, LA 70821-4312	John Babin
NORTH CAROLINA Dept. of Health & Human Services 3825 Barrett Drive Raleigh, NC 27609-7221	James Albright Patrick Cox
NEVADA Radiation Control Program 675 Fairview Drive, Suite 218 Carson City, NV 89706	Lewis Vigen
OHIO Dept. of Health 246 North High Street Columbus, OH 43215	Patrick Becker
PENNSYLVANIA DEP – Bureau of Radiation Protection Harrisburg, PA 17105-8469	Farahat Darwish
TEXAS Dept. of State Health Services Austin, TX 78714-9347	Irene Casares
UTAH Dept. of Environmental Quality 195 North 1950 West Salt Lake City, UT 84116	Russell Topham

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 at the U.S. Nuclear Regulatory Commission's (NRC's) Professional Development Center (PDC) August 11-15, 2014. The PDC is located at our new 3 White Flint North Building which is situated across Marinelli Road from One White Flint North 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. Please allow sufficient time to process through security upon arrival. You will be required to show proof of identification when you arrive. After you have gone through security, 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 15, 2014, when the class is scheduled to end at 12:00 noon. 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. Students should bring an engineering or scientific calculator with them. Normal business attire is appropriate for students attending NRC sponsored courses.

TRANSPORTATION: Rental cars will not be authorized. Please note that the course location is metro accessible, directly on the Red Line at White Flint Metro Station. For your convenience, we suggest that you stay at a hotel that is on the metro line. Please note that reimbursement is authorized for transportation to and from the airport only. If you plan to drive, the Federal mileage reimbursement is 56 cents per mile.

LODGING AND TRAVEL: Plan to arrive on Sunday, August 10, 2014, and depart on Friday, August 15, 2014. Participants must make their own lodging and travel arrangements. The per diem for the area is 167/71/238. This means lodging/meals/not to exceed total. Individuals should request the government rate at the hotels. If traveling by air, please contact Carlson Travel at 1-800-453-8396 for airline reservations and complete the new Travel Application Form which is located at http://nrc-stp.ornl.gov/special/travel_form.pdf. This form should be fully completed and submitted to AStrainingandtravel.Resource@nrc.gov. A copy of the travel instructions and voucher for reimbursement may also be obtained at this Web site. If you have any questions regarding the travel form please contact Marcia Casby at 301-415-6525.

Below are a number of hotels in the area:

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

Most conveniently located, across from the NRCs PDC

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

Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) (H-121)
Tentative Schedule
August 11-15, 2014

DATE	TIME	TOPIC
Monday	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	8:15 AM	Decommissioning and Decontamination, RESRAD, RESRAD Build, VSP
	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	8:15 AM	Electronic Resources
	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 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	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	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