March 9, 2011

ALL AGREEMENT STATES, MICHIGAN

ACCEPTANCE TO THE MARSSIM COURSE (H-121) **(FSME-11-020)**

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 May 2-6, 2011, MARSSIM training course. This course will be held in Chattanooga, Tennessee. 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, and submit their travel information to NRC to issue their travel authorization. The Travel Application Form can be accessed at http://nrc-stp.ornl.gov/training.html. Please download and complete the form and 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 (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/

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

Enclosures:
1. Course Participants List
2. Instructions to Students
3. Tentative Course Outline

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DISTRIBUTION: DCD (SP03) DMSSA r/f H. Lynn TTD

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OFC	FSME/MSSA	FSME/MSSA
NAME	BGUsilton	RJLewis
DATE	3/9/11	3/9/11

OFFICIAL RECORD COPY

AGREEMENT STATE STUDENT LIST FOR THE
MULTI-AGENCY RADIATION SURVEY AND SITE
INVESTIGATION MANUAL (MARSSIM) (H-121)
CHATTANOOGA, TN
MAY 2-6, 2011

STATE	PARTICIPANT(S)
KENTUCKY Cabinet for Health & Family Services 275 East Main Street, HS1C-A Frankfort, KY 40621-0001	Rick Johnson
LOUISIANA Dept. of Environmental Quality P.O. Box 4312 Baton Rouge, LA 70821-4312	Jacob Blood Kitty Herbert Jacob
NEW JERSEY Dept. of Environmental Protection 25 Arctic Parkway Ewing, NJ 08638	James McCullough
NORTH CAROLINA Dept. of Environment & Natural Resources 3825 Barrett Drive Raleigh, NC 27609-7221	Paul Higgins
PENNSYLVANIA Bureau of Radiation Protection Rachel Carson State Office Bldg P.O. Box 8469 Harrisburg, PA 17105-8469	Elaine Crescenzi
TENNESSEE Division of Radiological Health L&C Annex, Third Floor 401 Church Street Nashville, TN 37243-1532	Paula Robinson Joshua Munyon Stacey Hamilton Travis Barber
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Radioactive Materials Division MC 233 P.O. Box 13087 Austin, TX 78711-3087	Abel Porras Hans Weger

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 for May 2-6, 2011, at the U.S. Nuclear Regulatory Commission (NRC) Technical Training Center (TTC), 5746 Marlin Road, Suite 200, Osborne Office Center, Near Eastgate Shopping Center, Chattanooga, Tennessee 37411-5677, Telephone (423) 855-6500.

COURSE: This course will begin at 8:00 a.m. and end at 5:00 p.m. each day except for Friday May 6, 2011. Friday's class is scheduled to end at 12:00 noon.

LODGING AND TRAVEL: You should plan to arrive on Sunday, May 1, 2011, and depart on Friday, May 6, 2011. Participants must make their own travel arrangements. The per diem for the area is $88 for lodging, $56 for meals and incidents, not to exceed $144. Tax is a separate line item on your voucher. No rental cars will be authorized for travel. 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. To find hotels in Chattanooga, TN please conduct an internet search and select your own hotel within the vicinity and within per diem. If traveling by air, you need to contact Carlson Travel at 1-866-250-2160 to book 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 (301) 415-3502. If you have any questions regarding the form contact Brenda Usilton at Brenda.Usilton@nrc.gov or 301-415-2348. 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. Students should bring an engineering or scientific calculator with them.

COURSE OUTLINE
Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)
May 2-6, 2011 – Chattanooga, TN

DATE	TIME	TOPIC
Monday	8:15 AM	Welcome, Registration, Orientation
May 2	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
May 3	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
May 4	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
May 5		EXAMPLES
	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
May 6	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

ENCLOSURE 3