

April 27, 2001

ALL AGREEMENT STATES  
MINNESOTA, PENNSYLVANIA, WISCONSIN

**TRAINING COURSE INFORMATION: ACCEPTANCE TO THE MARSSIM COURSE (H-121)  
(STP-01-039)**

Enclosure 1 is the list of students from the States selected to attend the May 8-10, 2001, 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 who is on the list. States with students attending this course have agreed to pay travel expenses, and, where designated, the tuition. To cover the tuition expenses, each State should submit a purchase order or equivalent document, payable to the U.S. Nuclear Regulatory Commission, to the *following* address:

U.S. Nuclear Regulatory Commission  
Office of the Chief Financial Officer  
Attn: Leah P. Tremper  
Mail Stop T9E10  
Washington, DC 20555

The NRC will, in turn, issue you a bill (invoice). If for any reason your attendee is unable to attend, please submit to us a written purchase order, or equivalent, to cancel, prior to the starting date of the course. Course attendees should be encouraged to make travel and lodging arrangements as soon as possible.

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.

If you have any questions regarding this correspondence, please contact me or the individual named below.

POINT OF CONTACT:	Brenda G. Usilton	INTERNET:	<a href="mailto:BGU@NRC.GOV">BGU@NRC.GOV</a>
TELEPHONE	(301) 415-2348	FAX	(301) 415-3502

***/RA/***

Kathleen N. Schneider, Acting Deputy Director  
Office of State and Tribal Programs

Enclosures:  
As stated

STP-01-039

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OFFICE	STP	STP:ADD						
NAME	BGUsilton:	KNSchneider						
DATE	04/26/01	04/27/01						

STP-A-4

STATE PARTICIPANT LIST FOR  
MULTI-AGENCY RADIATION SURVEY AND SITE  
INVESTIGATION MANUAL (MARSSIM) (H-121)  
MAY 8-10, 2001

STATE	PARTICIPANT(S)	PAYING TUITION/ SPACE AVAILABLE
<b>TEXAS - BRC</b> Bureau of Radiation Control Texas Department of Health 1100 West 49th Street Austin, TX 78756-3189	1. David Fogle 2. Ray Jisha	1. Paying Tuition 2. Paying Tuition

## 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 May 8-10, 2001 at the NRC Professional Development Center, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland, 20852, room T3B41.

**COURSE:** The course will be conducted beginning on May 8, 2001 at 8:00 a.m. and end on Friday, May 10, 2001 at 4:00 p.m. A course outline is attached as Enclosure 3. Students should bring an engineering or scientific calculator with them.

**LODGING AND TRAVEL:** Below is a list of hotels in the Rockville, Maryland area. You should plan to arrive on Monday, May 7, 2001 and depart on late Thursday, May 10, 2001 or Friday, May 11, 2001. Participants must make their own lodging arrangements. Individuals should request a State or government employee rate at the hotels.

Close by hotels are:	Ramada Inn	(800) 255-1775
	1775 Rockville Pike	(301) 881-2300
	Doubletree Hotel	(800) 222-8733
	1750 Rockville Pike	(301) 468-1100
	Bridgestreet Accommodations	(800) 776-5057
	(Right across the street from	Ask for: Jim Lee
	One White Flint Building)	

**COURSE OUTLINE**  
**Multi-Agency Radiation Survey and**  
**Site Investigation Manual (MARSSIM) Course (H-121)**  
**May 8-10, 2001**

<u>DATE</u>	<u>TIME</u>	<u>TOPIC</u>
<b><u>Tuesday</u></b>		
05/08/01	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
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<b><u>Wednesday</u></b>		
05/9/01	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-contamination Site
<b><u>Thursday</u></b>		
05/10/01	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 MARRSSIM

4:00pm Adjourn

**INSTRUCTORS:** Eric Abelquist and Paul Fram, ORISE