

March 16, 2001

ALL AGREEMENT STATES
MINNESOTA, PENNSYLVANIA, WISCONSIN

**TRAINING COURSE INFORMATION: ACCEPTANCE TO THE MARSSIM COURSE (H-121)
(STP-01-022)**

Enclosure 1 is the list of students from the States selected to attend the April 17-19, 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. If for any reason a candidate is unable to attend, please contact us as soon as possible, so that alternative arrangements can be made.

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

POINT OF CONTACT:	Brenda G. Usilton	INTERNET:	BGU@NRC.GOV
TELEPHONE:	(301) 415-2348	FAX:	(301) 415-3502

/RA by Paul H. Lohaus, Acting for/
Janet Schlueter, Acting Deputy Director
Office of State and Tribal Programs

Enclosures:
As stated

STP-01-022

March 16, 2001

Distribution:

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OFFICE	STP		STP:ADD						
NAME	BGUsilton:pc		JSchlueter						
DATE	03/16/01		03/16/01						

STP-A-4

STATE PARTICIPANT LIST FOR
MULTI-AGENCY RADIATION SURVEY AND SITE
INVESTIGATION MANUAL (MARSSIM) (H-121)
APRIL 17-19, 2001

STATE	PARTICIPANT(S)	PAYING TUITION/ SPACE AVAILABLE
NEW JERSEY Division of Environmental Safety Health and Analytical Programs Department of Environmental Protection P.O. Box 415 Trenton, NJ 08625-0415	1. John Feeney 2. Richard Peros	1. Space Available 2. Space Available
OHIO Bureau of Radiation Protection Ohio Department of Health 35 East Chestnut Street Columbus, OH 43266	1. Karl Von Ahn	1. Space Available

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 April 17-19, 2001 at the NRC Region I Office located at 475 Allendale Road, King of Prussia, PA 19406-1415. Directions to King of Prussia are attached as Enclosure 3.

COURSE: The course will be conducted beginning at 7:45 a.m. and end at 4:30 p.m. except for Friday, April 19, 2001 the course will end at 4:00 p.m. A course outline is attached as Enclosure 4. Students should bring an engineering or scientific calculator with them.

LODGING AND TRAVEL: Below is a list of hotels in the King of Prussia area. You should plan to arrive on Monday, April 16, 2001 and depart on late Thursday, April 19, 2001 or Friday, April 20, 2001. Participants must make their own lodging arrangements. Individuals should request a State or government employee rate at the hotels.

Hotel Accommodations in the King of Prussia Area

Hilton - Valley Forge
Route 202 North
King of Prussia, PA
Tel (610) 337-1200

Park Ridge Hotel
Route 363 and PA Turnpike
King of Prussia, PA
Tel (610) 337-1800

Comfort Inn
Route 202 North
King of Prussia, PA
Tel (610) 962-0700

Howard Johnson's Motor Lodge
Route 202 and Schuylkill Expressway
King of Prussia, PA
Tel (610) 265-4500

McIntosh Inn
Route 363 & Goddard Blvd
King of Prussia, PA
Tel (610) 768-9500

Homestead Village
400 American Avenue
(Corner of First and American Avenues)
King of Prussia, PA
Tel (610) 962-9000

Holiday Inn
260 Goddard Blvd
King of Prussia, PA
Tel (610) 265-7500

Hampton Inn
Route 202 North
King of Prussia, PA
Tel (610) 962-8811

Sheraton Hotel
Route 363 & First Avenue
King of Prussia, PA
Tel (610) 337-2000

DIRECTIONS FROM PHILADELPHIA INTERNATIONAL AIRPORT

From the Airport, take I-95 South towards Chester. Follow I-95 South to the exit for I-476 North (Blue Route). Follow I-476 North to the exit for I-76 West (Schuylkill Expressway). Follow I-76 West to the exit for Mall Boulevard. Exit at Mall Boulevard. At the traffic light turn left onto Mall Boulevard. Follow Mall Blvd to Wills Road. Turn left on Wills Road. Follow Wills Road to Allendale Road. Turn left on Allendale Road. Once crossing the bridge, on your left you will pass a Catholic Church, a few homes and a Catholic School. The next building you come to on your left will be the back of the NRC building. The building next to it is a two-story, red brick building with white columns out front. This is the "K of P Medical Building". At that traffic light, make a left turn. You are turning onto the access road. Follow the road until it goes no further. You will pass by two parking lots on your left before you enter the third and final parking lot. Park in this lot. The NRC building is "L" shaped and the main entrance is at the junction of the two wings. Once in the lobby, you will see a door with an NRC logo on it. Ring the buzzer and the receptionist will admit you. Sign in and ask the receptionist to contact Personnel.

DIRECTIONS FROM THE PENNSYLVANIA TURNPIKE

Follow the Pennsylvania Turnpike to the exit for Valley Forge/King of Prussia. This is a toll road. Once you exit the Pennsylvania Turnpike, you will then be on the Schuylkill Expressway. Take the first exit off the expressway, once through the tollbooth (Gulph Road). Follow Gulph Road to the intersection of Gulph Road and First Avenue. You will pass through three traffic lights before you come to First Avenue. The Baptist Center will be on your right, and the Sheraton Hotel (Valley Forge Convention Center) will be directly across the street. Turn right onto First Avenue. Follow First Avenue to the end. At the end, make a right turn onto Allendale Road. Follow Allendale Road to the next traffic light, Keebler Road. At that traffic light at Keebler Road, make a right turn. You are turning onto the access road. Follow the road until it goes no further. You will pass by two parking lots on your left before you enter the third and final parking lot. Park in this lot. The NRC building is "L" shaped and the main entrance is at the junction of the two wings. Once in the lobby, you will see a door with an NRC logo on it. Ring the buzzer and the receptionist will admit you. Sign in and ask the receptionist to contact Personnel.

DIRECTIONS FROM THE NEW JERSEY TURNPIKE

Follow the New Jersey Turnpike to the Delaware River Bridge. Cross over into Pennsylvania and continue on the Pennsylvania Turnpike to the exit for Valley Forge/King of Prussia. This is a toll road. Once you exit the Pennsylvania Turnpike, you will then be on the Schuylkill Expressway. Take the first exit off the expressway, once through the tollbooth (Gulph Road). Follow Gulph Road to the intersection of Gulph Road and First Avenue. You will pass through three traffic lights before you come to First Avenue. The Baptist Center will be on your right, and the Sheraton Hotel (Valley Forge Convention Center) will be directly across the street. Turn right onto First Avenue. Follow First Avenue to the end. At the end, make a right turn onto Allendale Road. Follow Allendale Road to the next traffic light, Keebler Road. At that traffic light at Keebler Road, make a right turn. You are turning onto the access road. Follow the road until it goes no further. You will pass by two parking lots on your left before you enter the third and final parking lot. Park in this lot. The NRC building is "L" shaped and the main entrance is at the junction of the two wings. Once in the lobby, you will see a door with an NRC logo on it. Ring the buzzer and the receptionist will admit you. Sign in and ask the receptionist to contact Personnel.

DIRECTIONS FROM BALTIMORE/WASHINGTON, DC

Take Route 95 North into Pennsylvania. After the exits for the City of Chester, there will be an exit for I-476 North (Blue Route). Follow I-476 North to the exit for I-76 West (Schuylkill Expressway). Follow I-76 West to the exit for Mall Boulevard. Exit at Mall Boulevard. At the traffic light turn left onto Mall Boulevard. Follow Mall Blvd to Wills Road. Turn left on Wills Road. Follow Wills Road to Allendale Road. Turn left on Allendale Road. Once crossing the bridge, on your left you will pass a Catholic Church, a few homes and a Catholic School. The next building you come to on your left will be the back of the NRC building. The building next to it is a two-story, red brick building with white columns out front. This is the "K of P Medical Building". At that traffic light, make a left turn. You are turning onto the access road. Follow the road until it goes no further. You will pass by two parking lots on your left before you enter the third and final parking lot. Park in this lot. The NRC building is "L" shaped and the main entrance is at the junction of the two wings. Once in the lobby, you will see a door with an NRC logo on it. Ring the buzzer and the receptionist will admit you. Sign in and ask the receptionist to contact Personnel.

COURSE OUTLINE
Multi-Agency Radiation Survey and
Site Investigation Manual (MARSSIM) Course (H-121)
April 17-19, 2001

<u>DATE</u>	<u>TIME</u>	<u>TOPIC</u>
<u>Tuesday</u> 04/17/01	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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<u>Wednesday</u> 04/18/01	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

Thursday

04/19/01

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