



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

(FSME-13-015, February, Training, H-410)

February 4, 2013

ALL AGREEMENT STATES

ACCEPTANCE TO THE RESRAD TRAINING (H-410) – ROCKVILLE, MARYLAND  
(FSME-13-015)

**Purpose:** To provide the list of students selected for the U.S. Nuclear Regulatory Commission's (NRC's) RESRAD Training Course (H-410).

**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 April 9-12, 2013, RESRAD Training Course (H-410). This course is to be held in Rockville, MD. Please provide the list of students and the instructions (Enclosure 2) to each individual from your program that is on the list. Enclosed for your information is a tentative schedule for the course (Enclosure 3). Students attending this course will have their lodging and per diem paid for by the NRC. Students attending this course will have their travel and per diem paid by the NRC. Students should immediately make their travel arrangements through Carlson Wagonlit Travel at 1-866-250-2160 and then download the Travel Application Form at <http://nrc-stp.ornl.gov/training.html>. The completed form should be sent to [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) (preferred method) or by fax to 301-415-3502 for the NRC to issue the student's travel authorization.

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 the student cannot attend the course.\*

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\*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](mailto: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](mailto:Brenda.Usilton@NRC.GOV)  
FAX: (301) 415-3502

**/RA DWhite for/**

Brian J. McDermott, 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

RESRAD TRAINING COURSE (H-410)  
April 9-12, 2013  
ROCKVILLE, MD

STATE	PARTICIPANT
<b>CALIFORNIA</b> Radiologic Health Branch Division of Food, Drug & Radiation Safety California Department of Health Services P.O. Box 997414 Sacramento, CA 95899-7414	Mathew Wright Tracy Michele Jue
<b>COLORADO</b> Dept. of Public Health & Environment 4300 Cherry Creek Drive South Denver, CO 80246-1530	Phillip Peterson
<b>NORTH CAROLINA</b> Dept. of Environment & Natural Resources 3825 Barrett Drive Raleigh, NC 27609-7221	Randy Crowe
<b>OHIO</b> Dept. of Health 246 North High Street Columbus, OH 43215	Kim Anderson
<b>UTAH</b> Dept. of Environmental Quality 195 North 1950 West Salt Lake City, UT 84116	David Edwards Loren Morton

## 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-410) RESRAD Training Course. This course is scheduled to be presented April 9-12, 2013, at the U.S. Nuclear Regulatory Commission Professional Development Center (PDC). The PDC is located in 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 2<sup>nd</sup> floor where the training will be held.

**COURSE:** You should plan to arrive on Monday, April 8, 2013, and depart on Thursday, April 12, 2013. This course will be conducted beginning on April 9, 2013 at 8:30 a.m. and end at 4:00 p.m. and 8:00 a.m. till 4:00 p.m. each day thereafter. A tentative course agenda is attached (Enclosure 3). Please complete the Travel Application Form which is located at <http://nrc-stp.ornl.gov/training.html> and return it to Brenda Usilton at [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) or fax it to 301-415-3502. If you have any questions regarding the travel form please contact Brenda on 301-415-2348. No rental cars will be authorized for travel. If traveling by air, contact Carlson Wagonlit Travel at 1-866-250-2160 to book reservations. You may also access a copy of the travel instructions and voucher for reimbursement at the above website. 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 training.

**LODGING:** Participants must make their own lodging and travel arrangements. Individuals should request a Federal government rate at the hotel of their choice. The per diem for Rockville, Maryland is 224/71/295. This means lodging/meals/not to exceed total per day. Tax is a separate line item on your voucher. 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. The Federal mileage rate increased January 1, 2013 to 56.5 please make note of that when filing your voucher.

<p>Hyatt Hotel One Bethesda Metro Center Bethesda, MD (301) 657-1234 1-800-233-1234 *Four metro stops from NRC's PDC</p>	<p>Hilton Hotel 1750 Rockville Pike Rockville, MD (301) 468-1100 1-800-222-8733 One Metro Stop from NRC's PDC</p>
<p>Bethesda North Marriott Hotel 5701 Marinelli Rd. Rockville, Maryland (301) 984-0004 1-800-859-8003 *Across from the NRC Headquarters</p>	<p>Holiday Inn Express 1775 Rockville Pike Rockville, MD (301) 881-2300 1-800-255-1775 One metro stop from NRC's PDC</p>

## RESRAD - BUILD WORKSHOP AGENDA

<b>Day One</b>	
8:30-9:30	Introduction
9:30-10:00	Overview of RESRAD
10:00-11:15	RESRAD Input Demonstration
11:15-11:25	Break
11:25-11:45	RESRAD Output Demonstration
12:00-1:00	Lunch
1:00-2:00	Hands-on and review
2:00-3:00	RESRAD Methodology
3:00-4:00	Hands-on (deterministic)
<b>Day Two</b>	
8:00-9:05	RESRAD Family of Codes
9:05-10:00	Hand-on and review
10:00-10:10	Break
10:10-10:50	RESRAD Data Requirements
10:50-11:45	Hands-on and review
11:45-1:00	Lunch
1:00-1:30	RESRAD Sensitivity Analysis
1:30-2:30	Hands-on and review
2:30-3:15	Problem Solving-An Example
3:15-3:25	Break
3:25-4:00	RESRAD Verification & Validation
<b>Day Three</b>	
8:00-9:00	Introduction
9:00-9:20	RESRAD-BUILD Overview
9:20-9:55	RESRAD-BUILD Input Demo

9:55-10:10	RESRAD-BUILD Output Demo
10:10-10:20	Break
10:20-11:10	Hands-on and review
11:10-11:45	RESRAD-BUILD Methodology
11:45-1:00	Lunch
1:00-1:30	RESRAD-BUILD Methodology (continued)
1:30-2:20	Hands-on and review
2:20-2:50	Advanced Features Demonstration
2:50-3:00	Break
3:00-3:45	Hands-on and review
3:45-4:00	Input Data Requirements-An Example
<b>Day Four</b>	
8:00-9:05	Overview of Probabilistic Codes
9:05-10:00	RESRAD Probabilistic Demo
10:00-10:50	Hands-on (probabilistic code)
10:50-11:00	Break
11:00-11:45	Probabilistic Methodology
11:45-1:00	Lunch
1:00-1:50	Hands-on (probabilistic code)
1:50-2:20	Parameter Distributions
2:20-2:50	Probabilistic Output Analysis
2:50-3:00	Break
3:00-3:30	Hands-on (probabilistic code)
3:30-4:00	Problem Walkthrough and Course Evaluation