



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

(FSME-10-041, June, Training, H-410)

June 9, 2010

ALL AGREEMENT STATES, MICHIGAN

ACCEPTANCE TO THE RESRAD TRAINING (H-410) – HARRISBURG, PA  
(FSME-10-041)

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

**Background:** The NRC provides a 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 a list of students from the States selected to attend the August 9-12, 2010, RESRAD Training Course (H-410). This course is to be held in Harrisburg, Pennsylvania. 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 should make their travel arrangements through Carlson Wagonlit Travel at 1-866-250-2160, and then submit their travel information needed for NRC to issue their travel authorization. Please go to the following website to download the Travel Application Form <http://nrc-stp.ornl.gov/training.html> and then send it to [Brenda.Usilton@nrc.gov](mailto: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 the student cannot attend the course.\*

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\*This information request has been approved by OMB 31 50-0029, expiration 08/31/2010. 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.

FSME-10-041

-2-

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

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

Enclosures:  
As stated

RESRAD TRAINING COURSE (H-410)  
 AUGUST 9-12, 2010  
 HARRISBURG, PENNSYLVANIA

STATE	PARTICIPANT
<b>KENTUCKY</b> Cabinet for Health & Family Services 275 East Main St Mail Stop HS1C-A Frankfort, KY 40621	Christopher Keffer
<b>NEW YORK STATE HEALTH</b> Bureau of Environmental Radiation 547 River Street Troy, NY 12180-2216	Osman Osman
<b>OREGON</b> Dept. of Human Services 800 NE Oregon Street, Suite 640 Portland, OR 97232-2162	Kevin Siebert
<b>PENNSYLVANIA</b> Rachel Carson State Office Bldg. P.O. Box 8469 Harrisburg, PA 17105-8469	George Vargo Brooke Reynolds Christopher Ott Stephen Acker
<b>TEXAS</b> Commission on Environmental Quality MC 233 P.O. Box 13087 Austin, TX 78711-3087	Abel Porras

## 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 August 9-12, 2010, at the Pennsylvania Department of Environmental Protection, Rachel Carson State Office Building, 3rd Floor Computer Training Room, 400 Market Street, Harrisburg, PA 17101. If you have any questions, please contact Benjamin Seiber at 717-783-7702.

**COURSE:** This course will begin on August 9 at 8:30 a.m. and end at 4:00 p.m. Each day thereafter, the course will begin 8:00 a.m. and end at 4:00 p.m. A tentative course agenda is attached (Enclosure 3).

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, August 8, 2010, and depart on Thursday, August 12, 2010. Participants must make their own lodging and travel arrangements. Individuals should request a Federal government rate at the hotels. The per diem for Harrisburg, Pennsylvania is 103/51/154. This means lodging/meals/not to exceed total. Tax is a separate line item on your voucher. If traveling by air, you need to contact Carlson Travel at 1-866-250-2160 for airline reservations. Please complete the Travel Application Form <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 at 301-415-2348. No rental cars will be authorized for travel. You will need to take a taxi or shuttle to and from the airport. You will also go to the same website to receive a copy of the travel instructions and voucher for reimbursement. 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.

Hotels within walking distance:

Hilton Harrisburg  
One North Second Street  
Harrisburg, PA 17101  
717-233-6000

Crowne Plaza Harrisburg  
23 South Second Street  
Harrisburg, PA 17101  
717-234-5021

Comfort Inn Riverfront  
525 South Front Street  
Harrisburg, PA 17104  
717-233-1611

Students will need to show ID at the guards desk and will be issued a visitor badge. If you are driving parking next door at the Fifth Street Garage is approximately \$15.00 per day.  
<http://www.harrisburgparking.org/>

## 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	Hands-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