



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

(FSME-13-039, April, Training, H-313)

April 22, 2013

ALL AGREEMENT STATES

**ACCEPTANCE TO BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313) JUNE 17-21, 2013 (FSME-13-039)**

**Purpose:** To provide the list of students selected for the U.S. Nuclear Regulatory Commission (NRC) Brachytherapy & Gamma Knife Course.

**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 the June 17-21, 2013, Brachytherapy & Gamma Knife Course (H-313). This course is to be held in Houston, Texas. 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 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 students 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 you cannot attend.\*

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\*This information request has been approved by OMB 3150-0029 expiration 11/30/20 13. 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

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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

BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)  
 JUNE 17-21, 2013  
 HOUSTON, TX

STATE	PARTICIPANT(S)
<b>ARKANSAS</b> Dept. of Health 4815 W. Markham St., Slot 30 Little Rock, AR 72206-3867	Angela Minden
<b>CALIFORNIA</b> Dept. of Health Services P.O. Box 997414, MS-7610 Sacramento, CA 95899-7414	Eugene Forrer
<b>COLORADO</b> Dept. of Public Health & Environment 4300 Cherry Creek Drive South Denver, CO 80246-1530	Cheri Hall
<b>FLORIDA</b> Dept. of Health Bureau of Radiation Control 4052 Bald Cypress Way, Bin C21 Tallahassee, FL 32399-1741	Alfredo Ortega
<b>KANSAS</b> Dept. of Health & Environment 1000 SW Jackson, Suite 330 Topeka, KS 66612-1365	Cynthia Siemers
<b>LOUISIANA</b> Emergency & Radiological Services Div. P.O. Box 4312 Baton Rouge, LA 70821-4312	Russell Clark
<b>MASSACHUSETTS</b> Dept. of Public Health Schrafft Center, Suite 1M2A 529 Main Street Charlestown, MA 02129	Bruce Packard
<b>MINNESOTA</b> Dept. of Health P.O. Box 64975 St. Paul, MN 55164-0975	Lynn Fortier
<b>NEW JERSEY</b> Dept. of Environmental Protection P.O. Box 420 Trenton, NJ 08625-0420	Karen Flanigan
<b>NORTH CAROLINA</b> Dept. of Health & Human Services 3825 Barrett Drive Raleigh, NC 27609-7221	Sheila Nelson

STATE	PARTICIPANT(S)
<b>OHIO</b> Dept. of Health 246 North High Street Columbus, OH 43215	Rochelle Smith
<b>PENNSYLVANIA</b> DEP – Bureau of Radiation Protection Rachel Carson State Office Bldg. P.O. Box 8469 Harrisburg, PA 17105-8469	Randy Kutchman
<b>TENNESSEE</b> Division of Radiological Health L&C Annex, Third Floor 401 Church Street Nashville, TN 37243-1532	Grigsby Stevens
<b>WASHINGTON</b> Dept. of Health P.O. Box 47827 Olympia, WA 98504-7827	Jennifer Serne
<b>WISCONSIN</b> Dept. of Health Services P.O. Box 2659 Madison, WI 53701-2659	Mark Paulson Kyle Walton

## 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-313) Brachytherapy & Gamma Knife. This course is scheduled to be presented June 17-21, 2013, at the Advanced Health Education Center (AHEC) located at 8502 Tybor Drive, Houston, Texas 77074.

**COURSE:** This course will be conducted beginning at 8:00 a.m. and end at 5:00 p.m. each day except for Friday, June 21, 2013, which is scheduled to end at 1:00 pm. The classrooms are located on the 2<sup>nd</sup> floor, if you have special needs please notify us so that we may provide that information to the contractor. A tentative outline for the course (Enclosure 3) is attached. There are multiple eating facilities within walking distance. AHEC will accept food deliveries located at the facilities lunch area.

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, June 16, 2013, and depart on Friday, June 21, 2013. Participants must make their own lodging and travel arrangements. Individuals should request a government rate at the hotels. No rental cars will be authorized for travel. If traveling by air, you need to contact Carlson Travel at 1-866-250-2160 for airline reservations. 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) (preferred method) or fax it to (301) 415-3502. If you have any questions regarding the travel form please contact Brenda on (301) 415-2348. You will also go to the same web site to receive a copy of the travel instructions, voucher reimbursement and tax exempt form.

Please view the list of hotels that are located near the training facility in Houston, TX. Individuals should request a Federal Government employee rate at the hotels. The per diem for Houston, TX area is 109/71/180. This means lodging/meals/not to exceed total. Tax should be exempt for this area.

Please refer to AHEC's Webpage at URL: <http://www.AHECOnline.com> for hotel and transportation information between the hotel and the AHEC facility. Click on Contact Us and then General Information.

Ground transportation from Airports to Houston hotels via Airport Express, will service both Intercontinental and Hobby Airports. Buses depart every 30 minutes for designated terminals and will take you to the Galleria where you should call a cab to deliver you to your hotel. Call (713) 523-5695 or (713) 523-8888 for Airport Express Information. Airport Express ticket agent is located in baggage claim area.

Please call the Yellow Cab company (713) 236-1111 and establish the rates prior to engaging the taxi. Cab fare is approximately \$40 from Hobby Airport and \$60 from Intercontinental to the hotels in your area (see hotel list).

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 Near AHEC Facility:**

Wingate Inn- (Located 1 mile from facility, shuttle service available).

11050 Southwest Freeway  
Houston, TX 77074  
(218) 568-6969 or 1-800-228-1000

Country Inn & Suites  
11230 Southwest Freeway  
Houston, TX 77074  
(281) 575-8283

Hilton Houston Southwest- (Shuttle service provided with no charge to the AHEC facility).  
6870 Southwest Freeway  
Houston, TX 77074  
(713) 977-7911

Holiday Inn  
11160 Southwest Freeway  
Houston, TX 77074  
1-800-230-8730

Crown Plaza Houston Suites- (Shuttle service provided with no charge to the AHEC facility). 9090  
Southwest Freeway  
Houston, TX 77074  
(713) 995-0123

## Brachytherapy & Gamma Knife Tentative Schedule

JUNE 17-21, 2013  
HOUSTON, TX

Topic		Chapter Number	Faculty Name
<b>Monday, June 17</b>			
8:00-8:15 A.M.	Introduction		Hoosier
8:15-8:45	Public Aspects of Cancer	2	Adams
8:45-9:15	Principles of Radiobiology	3	Callahan
9:15-9:30	Break		
9:30-11:00	Overview of Radiation Therapy	4	Callahan
11:00-12:00	Principles of Brachytherapy	5	Callahan
12:00-1:00 P.M.	Lunch		
1:00-2:00	Radiation Safety Concerns in Brachytherapy	6	Martir
2:00-2:30	Overview of QC Concepts	7	Martir
2:30-2:45	Break		
2:45-3:45	Written Directives	8	Martir
3:45-4:15	Treatment Deviations, Regulations and Written Directives Issues	17	Martir
4:15-5:00	Clinical Radiation Safety ALARA in Therapy	10	Martir
5:00	Dismiss		
<b>Tuesday, June 18</b>			
8:00-9:30 A.M.	Mammosite	15	Martir
9:30-9:45	Break		
9:45-11:30	Basic Dosimetry Calculations in Brachytherapy	11	Martir
11:30-12:30 P.M.	Lunch		
12:30-3:00	HDR Remote Afterloader Brachytherapy	12	Martir
3:45-4:45	Clinical Site Visit for HDR Demonstration and Case Study		Hamberger
4:45	Dismiss		
<b>Wednesday, June 19</b>			
8:00-8:50 A.M.	DVD on Microspheres (10 min)	16D	Dr.

			Moore
	<b>Selective Internal Radiation Therapy (SIRT) with SIR - Spheres and Theraspheres</b>		Read Only
	"Preparing for a clinical Dose of Y-90 Theraspheres: A HAZMAT Tech's Perspective"	16D	
9:00-10:15	<b>Emerging Technologies</b>		Harris
	<b>Nucleotron First System</b>	16A	
10:15-10:30	<b>Break</b>		
10:30-11:30	<b>Gliasite Therapy</b>	16B	Harris
	<b>Nucleotron First System</b>		
	<b>In Vivo Brachytherapy Cardiac Treatment-</b>	16C	Harris
11:30-12:30 P.M.	<b>Lunch</b>		
12:30-1:00	<b>Ophthalmic Applicators</b>	9	Zeck
1:00-1:50	<b>Stereotactic Radiosurgery/Gamma Knife</b>	13	Zeck
2:15-2:30	<b>Break</b>		
2:30-3:45	<b>Gamma Knife Calibration</b>	14	Zeck
3:45-5:00	<b>Gamma Knife Source Replacement and Room Design</b>		Zeck
5:00	<b>Dismiss</b>		
<b>Thursday, June 20</b>			
8:00-9:30 A.M.	<b>Workshop: Case Reviews and Medical Events</b>		
		18	Adams
9:30	<b>Leave AHEC for clinical site visit to Gamma Knife</b>		
10:00-12:00	<b>Gamma Knife Site Visit And Case Study</b>		Zeck
12:00 P.M.	<b>Lunch</b>		
1:00-5:00	<b>NRC Guest Lecturer</b>		
5:00	<b>Dismiss</b>		
<b>Friday, June 21</b>			
8:00-9:30 A.M.	<b>Lab and Demonstration of Fletcher Suit Applicators, Dummy Seeds, Dummy sources, Mick Applicators, and Bronchial Catheter</b>		
			Martir
9:45-10:00	<b>Break</b>		
	<b>Review</b>		
10:00-11:00			Adams
11:00-12:30 P.M.	<b>Examination</b>		Staff

**This agenda is tentative. Specific topics and the order in which lectures are delivered are subject to change. You will receive a final schedule on the first day of the course.**