



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

(FSME-12-053, June, Training, H-313)

June 12, 2012

ALL AGREEMENT STATES

**ACCEPTANCE TO BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313) (FSME-12-053)**

**Purpose:** To provide the list of students selected for the NRC Brachytherapy & Gamma Knife Course.

**Background:** 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 August 13-17, 2012 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 make their travel arrangements through Carlson Wagonlit Travel at 1-866-250-2160 immediately 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 you cannot attend.\*

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\*This information request has been approved by OMB 31 50-0029 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 INTERNET: [Brenda.Usilton@NRC.GOV](mailto:Brenda.Usilton@NRC.GOV)  
TELEPHONE: 301-415-2348 FAX: 301-415-3502

**/Chris Einberg For /RA/**

Brian J. McDermott, Director  
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)  
 AUGUST 13-17, 2012  
 HOUSTON, TX

STATE	PARTICIPANT(S)
<b>ALABAMA</b> Dept. of Public Health 201 Monroe Street P.O. Box 303017 Montgomery, AL 36130	Roger Cleckler
<b>ARKANSAS</b> Dept. of Health 4815 W. Markham St., Slot 30 Little Rock, AR 72206-3867	Angela Dyan Hill
<b>COLORADO</b> Dept. of Public Health & Environment 4300 Cherry Creek Drive South Denver, CO 80246-1530	Chastiti Etherton
<b>GEORGIA</b> Dept. of Natural Resources 4220 International Parkway, Suite 100 Atlanta, GA 30354	Joel Mims
<b>ILLINOIS</b> Emergency Management Agency 1035 Outer Park Drive Springfield, IL 62704	Robert Harris
<b>IOWA</b> Dept. of Public Health Lucas State Office Building, 5 <sup>th</sup> Floor 321 East 12 <sup>th</sup> Street Des Moines, IA 50319	Leonardo Wardrobe
<b>OHIO</b> Dept. of Health 246 North High Street Columbus, OH 43215	Charlene Graham
<b>OKLAHOMA</b> Radiation Management Section 707 N. Robinson Oklahoma City, OK 73102	Jennifer McAllister

**ENCLOSURE 1**

## 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 August 8-12, 2011 at the Advanced Health Education Center (AHEC) 8502 Tybor Drive, Houston, Texas 77074, Telephone: (713) 772-0157 or 1-800-239-1361.

**COURSE:** The course will be conducted beginning at 8:00 a.m. and end at 5:00 p.m. each day except for Friday, August 12, 2011 which will end at 3:00 p.m. Please refer to AHEC's Webpage at URL: <http://www.AHECOnline.com> for hotel information and transportation between the hotel and the AHEC. Click on Contact Us and then General Information. A tentative outline for the course (Enclosure 3) is attached. 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 TTC courses. The classroom at the contractor's facility is located on the second floor and there is no elevator. If you have any special needs that the contractor should be aware of, please let us know so that we may provide that information to them. Participants must make their own lodging arrangements. 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>. You can also go to the same website to receive a copy of the travel instructions and voucher for reimbursement, as well as the tax exemption form. Please return the travel form, and if you have any questions regarding the form contact Brenda Usilton at [Brenda.Usilton@nrc.gov](mailto:Brenda.Usilton@nrc.gov) on 301-415-2348 or fax it to 301-415-3502. No rental cars will be authorized for travel.

**LODGING:** You should plan to arrive on Sunday, August 7, 2011 and depart on Friday, August 12, 2011. Some hotels offer transportation to and from the AHEC. Participants must make their own lodging and travel arrangements. Individuals should request a Federal government rate at the hotel. The per diem for Houston area is 109/71/180. This means lodging/meals/transportation not to exceed total. Houston, TX is a tax exempt city and you can go to the above website and download a copy of the exemption. Give it to the hotel when you check in and you will not have to pay taxes for the lodging.

**Meals/Restaurants (Houston/AHEC classes):** There are multiple eating facilities within walking distance, such as Subway, Chinese Buffet, and Denny's. If it rains, AHEC has a small lunch area and you can order and have sandwiches or pizza delivered.

Ground transportation from airports to Houston hotels Airport Express, services ground transportation to and from 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. Cab fare is approximately \$40 from Hobby Airport and \$60 from Intercontinental to hotels in your area. Bus fare is \$10 - \$20. Airport Express Ticket Agent is located in baggage claim area. Call 713-236-1111 for Yellow Cab Company. If you call a cab service, establish the rates prior to engaging the taxi. Parking in Houston is on surface lots and is free of charge.

### **Hotels in vicinity of training:**

**Wingate Inn** - 11050 Southwest Freeway - 281-568-6969 or 1-800-228-1000

Approximately 1 mile away from the AHEC facility. The Wingate Inn also offers shuttle service to and from the AHEC facility and Complimentary continental breakfast.

**Country Inn & Suites** - 11230 South West Freeway - 281-575-8283

**Hilton Southwest** - 6870 Southwest Freeway - 713-977-7911

The Hilton Southwest is an excellent hotel. They will provide transportation at no charge to AHEC. They will also take you to the mall or to other eating destinations in close proximity.

**Holiday Inn** - 11160 Southwest Freeway - 800-230-8730

**Embassy Suites** - 9090 Southwest Freeway - 713-995-0123

The Embassy Suites offers shuttle service to and from the AHEC facility.

**ENCLOSURE 2**

**BRACHYTHERAPY & GAMMA KNIFE TENTATIVE SCHEDULE**  
**AUGUST 13-17, 2012**  
**HOUSTON, TX**

Allotted Time/Date	Topic	Chapter Number	Faculty Name
<b>Monday, August 13</b>			
8:00-8:15 AM	Introduction		Hoosier
8:15-8:45	Public Aspects of Cancer	2	Adams
8:45-9:15	Principles of Radiobiolog	3	Callahan
9:15-9:30	Break		
9:30-11:00	Overview of Radiation Therap	4	Callahan
11:00-12:00	Principles of Brachytherapy	5	Callahan
12:00-1:00	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, August 14</b>			
8:00-9:30 AM	Mammosite	15	Martir
9:30-9:45	Break		
9:45-11:30	Basic Dosimetry Calculations in Brachytherapy	11	Martir
11:30-12:30 PM	Lunch		
12:30-3:00	HDR Remote Afterloader Brachytherap	12	Martir
3:45	Clinical Site Visit for HDR demonstration and Case Study		Hamberger
4:45	Dismiss		
<b>Wednesday, August 15</b>			
8:00-8:50 AM	DVD on microspheres (10 min)	16D	Dr Moore
	Selective Internal Radiation Therapy (SIRT) with SIR -spheres and Theraspheres		
	"Preparing for a clinical Dose of Y-90 Theraspheres:A HAZMAT Tech's Perspective"	16D	Read Only
9:00-10:15	Emerging Technologies:		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>	1 6C	Harris
11:30-12:30 PM	<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, August 16</b>			
8:00- 9:30	<b>Workshop: Case Reviews, 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	<b>Lunch</b>		
1:00-5:00	<b>NRC Guest Lecturer</b>		
5:00	<b>Dismiss</b>		
<b>Friday, August 17</b>			
8-9:30	<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>		
10:00- 11:00	<b>Review</b>		Adams
11:00 - 12:30	<b>Examination</b>		Staff

**ENCLOSURE 3**