



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

(FSME-11-013, January, Training, H-313)

January 31, 2011

ALL AGREEMENT STATES, MICHIGAN

ACCEPTANCE TO BRACHYTHERAPY AND GAMMA KNIFE COURSE (H-313)
(FSME-11-013)

Purpose: To provide the list of students selected for the U.S. Nuclear Regulatory Commission (NRC) Brachytherapy and 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 March 28-April 1, 2011, Brachytherapy and Gamma Knife Course (H-313). This course will 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. The NRC will pay travel expenses and per diem to students attending this course. Students should make their travel arrangements through Carlson Wagonlit Travel at 1-866-250-2160, and submit their travel information to NRC to issue their travel authorization. Please download the Travel Application Form from <http://nrc-stp.ornl.gov/training.html> and send it to 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.*

* 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, 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-11-013 -

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
FAX: 301-415-3502

/RA/

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

Enclosures:

1. Course Participant List
2. Instructions to Students
3. Tentative Course Schedule

BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)
MARCH 28-APRIL 1, 2011
HOUSTON, TX

STATE PARTICIP	ANT(S)
ARKANSAS Dept of Health & Human Services Radiation control Section P.O. Box 1437, Slot H-30 Little Rock, AR 72203-1437	Robert Layne Pemberton
COLORADO Dept. of Public Health & Environment 4300 Cherry Creek Drive South Denver, CO 80246-1530	Mark Dater
MARYLAND Dept. of the Environment 1800 Washington Blvd., Suite 750 Baltimore, MD 21230-1724	Fatima Adeyemo
MISSISSIPPI Dept. of Health 3150 Lawson Street Jackson, MS 39213	Leslie Faulkenberry
OHIO Dept. of Health 246 North High Street Columbus, OH 43215	Shannon Dettmer
RHODE ISLAND Radiological Health Program 3 Capitol Hill, Room 206 Providence, RI 02908-5097	Charma Waring
SOUTH CAROLINA Dept. of Health & Environmental Control 2600 Bull Street Columbia, SC 29201	Leland Cave
WISCONSIN Dept. of Health Services P.O. Box 2659 Madison, WI 53701-2659	Shunlai Zhu

INSTRUCTIONS TO STUDENTS

ACCEPTANCE: This is to advise you that those individuals in Enclosure 1 have been accepted for participation in the "Brachytherapy & Gamma Knife (H-31 3)" training course. This course is scheduled for March 28-April 1, 2011, at the Advanced Health Education Center (AHEC) 8502 Tybor Street, Houston, Texas 77074, Telephone: (713) 772-0157 or 1-800-239-1361.

COURSE: The course will begin at 8:00 a.m. and end at 5:00 p.m. each day except for Friday, April 1, 2011. Friday's course 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 Technical Training Center 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, to book 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 or 301-415-2348. The form may be faxed to 301-415-3502. No rental cars will be authorized for travel.

LODGING: You should plan to arrive on Sunday, March 27, 2011, and depart on Friday, April 1, 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 the Houston area is 109/71/180. This means lodging/meals/not to exceed total per day. Houston, Texas is a tax exempt city. The tax exemption form is available at the above website and should be submitted to the hotel at check-in to avoid paying lodging taxes.

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.

BRACHYTHERAPY & GAMMA KNIFE TENTATIVE SCHEDULE
 March 28-April 1, 2011
 HOUSTON, TX

Allotted Time/Date	Topic	Chapter Number	Faculty Name
Monday, March 28			
8:00-8:15 AM	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	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		
Tuesday, March 29			
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 Brachytherapy	12 Martir	
3:45	Clinical Site Visit for HDR demonstration and Case Study		Hamberger
4:45	Dismiss		
Wednesday, March 30			
8:00-8:50 AM	DVD on microspheres (10 min)	16D	Dr Moore
	Selective Intrenal Radiation Therapy (SIRT) with SIR -spheres and Theraspheres		
	"Preparing for a clinical Dose of Y-90 Theraspheres:A HAZMAT Tech's Perspective"	1 6D	Read Only

9:00-10:15	Emerging Technologies:		Harris
	Nucletron First System	16A	
10:15-10:30	Break		
10:30-11:30	Gliasite Therapy	16B	Harris
	Nucletron First System		
	In vivo Brachtherapy Cardiac Treatment-	1 6C	Harris
11:30-12:30 PM	Lunch		
12:30-1:00	Ophthalmic Applicators	9	Zeck
1:00-1:50	Stereotactic Radiosurgery/Gamma Knife	13	Zeck
2:15-2:30	Break		
2:30-3:45	Gamma Knife Calibration	14	Zeck
3:45-5:00	Gamma Knife Source Replacement and Room Design		Zeck
5:00	Dismiss		
Thursday, March 31			
8:00- 9:30	Workshop: Case Reviews, Medical Events	18 Adams	
9: 30	Leave AHEC for clinical site visit to Gamma Knife		
10:00-12:00	Gamma Knife Site Visit And Case Study		Zeck
12:00	Lunch		
1:00-5:00	NRC Guest Lecturer		
5:00	Dismiss		
Friday, April 1			
8-9:30	Lab and Demonstration of Fletcher Suit Applicators, Dummy Seeds, Dummy sources, Mick Applicators, and Bronchial Catheter		Martir
9:45 - 10:00	Break		
10:00- 11:00	Review		Adams
11:00 - 12:30	Examination		Staff