



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

(FSME-09-003, January, Training, H-313)

January 15, 2009

ALL AGREEMENT STATES, MICHIGAN, NEW JERSEY, VIRGINIA

**ACCEPTANCE TO THE BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)
(FSME-09-003)**

Enclosure 1 is the list of students from the States selected to attend the March 16-20, 2009 Brachytherapy & Gamma Knife Course (H-313). 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 should make their travel arrangements through Carlson Wagonlit Travel at 301-415-5006 immediately and then submit their travel information needed for U.S. Nuclear Regulatory Commission (NRC) to issue their travel authorization (Appendix A) to Traci Kime (Fax 301-415-3502). (See invitational travel information in AD-500 at: <http://nrc-stp.ornl.gov/procedures/ad500.pdf>).

To assist us and other States, and to help ensure that States with candidates on waiting lists will have an opportunity to fill vacated slots that may open up after our course acceptance letters have been sent to you, 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.

If you have any questions regarding this correspondence, please contact me or the individual named below.

POINT OF CONTACT: Brenda G. Usilton
TELEPHONE: 301-415-2348

INTERNET: BGU@NRC.GOV
FAX: 301-415-3502

Terry Reis, Acting Director
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Enclosures:
As stated

BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)
MARCH 16-20, 2009
HOUSTON, TX

STATE	PARTICIPANT(S)
ALABAMA Dept. of Public Health 201 Monroe Street P.O. Box 303017 Montgomery, AL 36130-3017	Cason Coan
ARIZONA AZ Radiation Regulatory Agency 4814 South 40 th Street Phoenix, AZ 85040	Patricia Haworth
ARKANSAS AR Dept of Health & Human Services Radiation Materials Program P.O. Box 1437, Slot H-30 Little Rock, AR 72203-1437	Kayla Avery
FLORIDA Dept. of Health 4052 Bald Cypress Way, Bin C21 Tallahassee, FL 32399-1741	Robert Latham
GEORGIA Radioactive Materials Program Department of Natural Resources 4220 International Parkway, Suite 100 Atlanta, GA 30354	Kit Ramdeen
NORTH CAROLINA Division of Environmental Health Dept of Environment & Natural Resources 3825 Barrett Drive Raleigh, NC 27609-72210	James Albright
NORTH DAKOTA Dept. of Health 918 E. Divide Avenue Bismarck, ND 58501	Louise Roehrich
WASHINGTON Dept. of Health 111 Israel Road, SE P.O. Box 47827 Olympia, WA 98504-7827	Craig Lawrence

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 March 16-20, 2009 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 be conducted beginning at 8:00 a.m. and end at 5:00 p.m. each day except for Friday, March 20, 2009, which will end at 12:00 p.m. Please refer to AHEC's Webpage at URL: <http://www.AHECOnline.com/cus/cus-hotels.html> for hotel information and transportation between the hotel and the AHEC. Click on 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. There are also days when students will be transported to remote facilities for tours and hands-on activities. 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. Please complete the invitational travel authorization request as described in FSME Procedure AD-500, "Invitational Travel Authorization and Voucher" and return it to Traci Kime at TSK@nrc.gov or fax it to 301-415-3502. If you have any questions regarding the travel form please contact Traci on 301-415-8140. No rental cars will be authorized for travel. You will need to take a taxi or shuttle to and from the airport. You will receive a travel voucher for reimbursement after the course ends. Traci will mail it to your office.

LODGING: You should plan to arrive on Sunday, March 15, 2009 and depart on Friday, March 20, 2009. 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 110/59/169. This means lodging/meals/not to exceed total. Houston is a tax exempt city. You should receive a tax form from Traci to use at the hotel of your choice. The hotel should exempt the tax. If not, tax is a separate line item on your voucher.

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: 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 Southwest 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.

Brachtherapy & Gamma Knife Course Tentative Schedule
MARCH 16-20, 2009
HOUSTON, TX

Allotted Time/Date	Topic	Chapter Number	Faculty Name
Monday, March 16			
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 17			
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 18			
8:00-8:50 AM	DVD on microspheres (10 min)	16D	Dr Moore
	Selective Intra-arterial 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
	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-	16C	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 19			
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, March 20			
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