

June 11, 2010

ALL AGREEMENT STATES, MICHIGAN

**ACCEPTANCE TO BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)
(FSME-10-042)**

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

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 9-13, 2010, 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, 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, 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 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, 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-10-042

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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
TELEPHONE: 301-415-2348 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:
As stated

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DATE	06/09/10	06/11/10

OFFICIAL RECORD COPY

BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)
 AUGUST 9-13, 2010
 HOUSTON, TX

STATE	PARTICIPANT(S)
ARIZONA Radiation Regulatory Agency 4814 South 40 th Street Phoenix, AZ 85040	Joshua Hoeh
GEORGIA Dept. of Natural Resources 4220 International Parkway, Suite 100 Atlanta, GA 30354	Keith St. Cyr
KANSAS Dept. of Health & Environment 1000 SW Jackson, Suite 310 Topeka, KS 66612	Judee Walden
KENTUCKY Cabinet for Health & Family Services 275 East Main St Mail Stop HS1C-A Frankfort, KY 40621	Marissa Vega Velez
LOUISIANA Office of Environmental Compliance Emergency & Radiological Services P.O. Box 4312 Baton Rouge, LA 70821-4312	Russell Clark
NORTH CAROLINA Div of Environmental Health Dept of Environment & Natural Resources 3825 Barrett Drive Raleigh, NC 27609-7221	Randy Crowe
NORTH DAKOTA Dept. of Health 918 E. Divide 2 nd Floor Bismarck, ND 58501-1947	David Stradinger
NEW MEXICO Environmental Dept. Harold S. Runnels Building 1190 St. Francis Drive, Rm S2100 P.O. Box 5469 Santa Fe, NM 87502-5469	Carl Sullivan

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 9-13, 2010, 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 Friday, August 13, 2010, 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. Once you 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 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 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 to Brenda Usilton via fax (301-415-3502) or email (Brenda.Usilton@nrc.gov). Should you have any questions regarding the form, she can be reached at 301-415-2348. No rental cars will be authorized for travel.

LODGING: You should plan to arrive on Sunday, August 8, 2010, and depart on Friday, August 13, 2010. 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 118/71/189. This means lodging/meals/not to exceed total. Houston, Texas 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. Please 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
AUGUST 9-13, 2010
HOUSTON, TX

Allotted Time/Date	Topic	Chapter Number	Faculty Name
Monday, August 9			
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, August 10			
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, August 11			
8:00 - 8:50 A.M.	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
	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 A.M.- 12:30 P.M.	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, August 12			
8:00 - 9:30 A.M.	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, August 13			
8:00 - 9:30 A.M.	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