

January 30, 2012

ALL AGREEMENT STATES

**ACCEPTANCE TO BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)**  
(FSME-12-013)

**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 March 26-30, 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 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](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
TELEPHONE:	301-415-2348	FAX: 301-415-3502

**/RA/ /Pamela Henderson for/**  
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

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and Environmental Management Programs

Enclosures:

4. List of students
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Distribution:

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OFFICE	FSME/MSSA	FSME/MSSA
NAME	BGUsilton:	BJMcDermott /for Pamela Henderson/
DATE	01/30/12	01/30/12

**OFFICIAL RECORD COPY**

BRACHYTHERAPY & GAMMA KNIFE COURSE (H-313)  
MARCH 26-30, 2012  
HOUSTON, TX

STATE	PARTICIPANT(S)
<b>CALIFORNIA</b> Dept. of Health Services P.O. Box 997414, MS-7610 Sacramento, CA 95899-7414	Debora Vail
<b>FLORIDA</b> Dept. of Health 4052 Bald Cypress Way, Bin C21 Tallahassee, FL 32399-1741	Nicholas Pospishil
<b>MINNESOTA</b> Dept. of Health 625 Robert Street N. P.O. Box 64975 St. Paul, MN 55164-0975	Teresa Purrington
<b>NEW JERSEY</b> Division of Environmental Safety & Health Dept. of Environmental Protection 401 E. State St., 3 <sup>rd</sup> Floor Trenton, NJ 08625	Nancy Stanley
<b>NEW MEXICO</b> Environment Department Harold S. Runnels Building 1190 St. Francis Drive, Rm S2100 P.O. Box 5469 Santa Fe, NM 87502-5469	James Malcom
<b>NEW YORK STATE HEALTH</b> State Health Dept. 547 River Street Troy, NY 12180-2216	Brajesh Kothari
<b>NORTH DAKOTA</b> Dept. of Health Div of Air Quality 918E. Divide Ave., 2 <sup>nd</sup> Floor Bismarck, ND 58501-1947	David Stradinger
<b>WISCONSIN</b> Dept. of Health Services P.O. Box 2659 Madison, WI 53701-2659	Mark Paulson

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 March 26-30, 2012 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, March 30, 2012 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 contractors 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, March 25, 2012 and depart on Friday, March 30, 2012. 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/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.

**Enclosure 2**

**Hotels in vicinity of training:**

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

Approximately 1 mile 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 26-30, 2012  
HOUSTON, TX

Allotted Time/Date			
Monday, March 26	Topic	Chapter Number	Faculty Name
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 27			
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 28			

Enclosure 3

8:00-8:50 AM	DVD on microspheres (10 min)	16D	Dr Moore
	Selective Intravenous 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		
<b>Thursday, March 29</b>			
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		

**Enclosure 3**



<b>Friday, March 30</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**