

September 10, 2001

ALL AGREEMENT STATES
MINNESOTA, PENNSYLVANIA, WISCONSIN

**TRAINING COURSE INFORMATION: ACCEPTANCE TO THE HEALTH PHYSICS
TECHNOLOGY COURSE (H-201) (STP-01-069)**

Enclosure 1 is the list of students from the States selected to attend the October 15-26, 2001, Health Physics Technology Course (H-201). Please provide the list of students and the instructions (Enclosure 2) to each individual from your program who is on the list. States with students attending this course have agreed to pay travel expenses, however, there is no tuition for this course.

Course attendees should be encouraged to make travel and lodging arrangements as soon as possible. If for any reason a candidate is unable to attend, please contact us as soon as possible, so that alternative arrangements can be made.

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

POINT OF CONTACT:	Brenda G. Usilton	INTERNET:	BGU@NRC.GOV
TELEPHONE:	(301) 415-2348	FAX:	(301) 415-3502

/RA/

Frederick C. Combs, Deputy Director
Office of State and Tribal Programs

Enclosures:
As stated

STP-01-069

September 11, 2001

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DATE	09/10/01		09/10/01						

STP-A-4

**LIST OF ATTENDEES FOR THE
HEALTH PHYSICS TECHNOLOGY COURSE (H-201)**

OCTOBER 15-26, 2001

STATE	PARTICIPANT(s)	NO TUITION COURSE
<p>OHIO</p> <p>Bureau of Radiation Protection Ohio Department of Health P. O. Box 118 Columbus, OH 43266-0118</p>	<p>1. Shannon Dettmer</p>	
<p>OKLAHOMA</p> <p>Radiation Management Section Department of Environmental Quality P.O. Box 1677 Oklahoma City, OK 73101-1677</p>	<p>1. Mike Broderick 2. Henry Matthews</p>	
<p>PENNSYLVANIA</p> <p>Bureau of Radiation Protection Department of Environmental Protection Rachel Carson State Office Building P.O. Box 8469 Harrisburg, PA 17105-8469</p>	<p>1. Roy Kitzer</p>	
<p>TEXAS - BRC</p> <p>Bureau of Radiation Control Texas Department of Health 1100 West 49th Street Austin, TX 78756-3189</p>	<p>1. Earlon Shirley</p>	

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-201), "Health Physics Technology Course." This course is scheduled to be presented October 15-26, 2001 at the NRC Technical Training Center, 5746 Martin Road, Osborne Office Center, Suite 200, Eastgate Shopping Center, Chattanooga, Tennessee 37411-5677. Attached is a course outline for persons scheduled to attend (Enclosure 3).

COURSE: The course will be conducted beginning at 8:00 a.m. and end at 4:00 p.m. each day except for Friday, October 26, 2001, classes are scheduled to be completed at 1:00 p.m. However, on Monday, October 15, 2001, formal presentations will begin at 1:00 p.m. **In place of a Math Review session, formerly conducted on Monday morning, a copy of the student handout for the Math Review is being separately mail to each State attendee. You are encouraged to read it and do the sample problems provided.** This will familiarize you with the level of math that may be required to solve problems during the course. Students should bring an engineering or scientific calculator with them.

LODGING AND TRAVEL: Participants must make their own lodging arrangements. Individuals should request a State or government employee rate at the hotels. A map and a list of motels in the Chattanooga area can be found on the NRC Technical Training link at <http://www.hsr.d.ornl.gov/nrc/home.html>. There is no suitable lodging within walking distance nor reliable public transportation from the hotels to the Training Center; therefore, students should coordinate with students who have cars.

Tentative Schedule - Week 1 - October 15 - 19, 2001

	Monday	Tuesday	Wednesday	Thursday	Friday			
8:00-8:30		Radiation Concepts (1&3)	Quiz 1 and Q&A	Problem Session and Q&A	Quiz 2 and Q&A			
8:30-9:00								
9:00-9:30		X-Rays (5)	Point Source Inverse Square (12)	Skin Dose (17)	ALARA (24)			
9:30-10:00								
10:00-10:30								
10:30-11:00		Radioactive Decay (7)	Line Source (13)	Instruments and Calibration (21/22)	Effective Dose Equivalent (29)			
11:00-11:30								
11:30-12:00		Lunch	Lunch	Lunch	Lunch			
12:00-1:00								
1:00-1:30	Introduction Admin					Area and Volume Sources (14/15)	Instruments and Calibration (21/22)	Submersion Dose (30)
1:30-2:00								
2:00-2:30	Dose Limits (6)	Serial Decay Equilibrium (10)	Surveys (23)	External Dose Evaluation (31)				
2:30-3:00								
3:00-3:30		Gamma Constant (11)			Interactions and Shielding (16)			
3:30-4:00								

ENCLOSURE 3

Tentative Schedule - Week 2 - October 22 - 26, 2001

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-8:30	Problem Session and Q&A	Quiz 3 and Q&A	Problem Session and Q&A	Quiz 4 and Q&A	Final Exam
8:30-9:00					
9:00-9:30					
9:30-10:00					
10:00-10:30	Internal Dosimetry (32/33)	EPA FGR 11 (37)	Embryo/Fetal Dose (45)	TEDE ALARA (50)	
10:30-11:00	Effective Half Life and Mean Life (34/35)	Effluents (39)	Contamination Surveys (46)	REMIT and NRC Forms 4 & 5 (51/20)	
11:00-11:30					
11:30-12:00	Lunch	Lunch	Lunch	Lunch	
12:00-1:00					
1:00-1:30	ICRP-30 and 10 CFR Part 20 (36/38)	Air Sampling (47)	Contamination Surveys (46)	Problem Session and Q&A	
1:30-2:00					
2:00-2:30	Lung Model and Particle Size (40/41)	Bioassay (48)	Intake Retention Fractions (49)		
2:30-3:00					
3:00-3:30		MIRD (44)			
3:30-4:00					