



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

March 13, 2006

ALL AGREEMENT STATES-MINNESOTA, PENNSYLVANIA, VIRGINIA

**ACCEPTANCE TO THE SAFETY ASPECTS OF INDUSTRIAL RADIOGRAPHY COURSE  
(H-305) (STP-06-022)**

Enclosure 1 is the list of students from the Agreement States selected to attend the April 24-28, 2006 Safety Aspects of Industrial Radiography Course (H-305). 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, and, where designated, the tuition. To cover the tuition expense, each State should submit a purchase order or equivalent document, to the U.S. Nuclear Regulatory Commission (NRC), to the following address:

U.S. Nuclear Regulatory Commission  
Attn: Leah P. Tremper  
Office of the Chief Financial Officer  
Mail Stop - T9E10  
Washington, DC 20555

The NRC will, in turn, issue you a bill (invoice). If for any reason your attendee is unable to attend, please submit to us a written purchase order, or equivalent, to cancel, prior to the starting date of the course. Course attendees should be encouraged to make travel and lodging arrangements as soon as possible.

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.

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](mailto:BGU@NRC.GOV)  
FAX: (301) 415-3502

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Dennis K. Rathbun, Deputy Director  
Office of State and Tribal Programs

Enclosures:  
As stated

STP-06-022

Distribution:

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- DCD (SP03)      **SISP Review Complete**
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OFFICE	STP	STP:DD						
NAME	BGUsilton:gd	DKRathbun						
DATE	3/13/06	3/13/06						

**OFFICIAL RECORD COPY**

SAFETY ASPECTS OF INDUSTRIAL RADIOGRAPHY COURSE (H-305)  
 April 24-28, 2006  
 Tulsa, Oklahoma

STATE	STUDENTS	PAYING TUITION/ SPACE AVAILABLE
<b>CALIFORNIA</b>  Department of Health Services P.O. Box 997414 Sacramento, CA 95899-7414	David Little Andrew Taylor	Paying Tuition Paying Tuition
<b>KANSAS</b>  Department of Health and Environment Bureau of Air and Radiation 1000 SW Jackson, Suite 310 Topeka, KS 66612-1366	Jason Barney John Jones Judee Walden	Paying Tuition Paying Tuition Paying Tuition
<b>MARYLAND</b>  Radiological Health Program Air and Radiation Management Administration Maryland Department of the Environment 1800 Washington Blvd., Suite 750 Baltimore, MD 21230-1724	Fatima Bolance Adeyemo	Paying Tuition
<b>MINNESOTA</b>  Minnesota Department of Health P.O. Box 64975 St. Paul, MN 55164-0975	Sherrie Flaherty Brandon Juran	Paying Tuition Paying Tuition
<b>TENNESSEE</b>  Division of Radiological Health Tennessee Department of Environment and Conservation 3 <sup>rd</sup> Floor, L&C Annex 401 Church Street Nashville, TN 37243-1532	Kimberly Gilliam Gerald Kwazu Jon Thompson	Paying Tuition Paying Tuition Paying Tuition
<b>TEXAS</b>  Bureau of Radiation Control Texas Department of Health 1100 West 49th Street Austin, TX 78756-3189	Ray Fleming	Paying Tuition

## 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-305) "Safety Aspects of Industrial Radiography." This course is scheduled to be presented April 24-28, 2006 at Capital X-Ray Services, Inc., 2133 S 49<sup>th</sup> West Avenue, Tulsa, Oklahoma 74107. The telephone number is (918) 583-5797. Enclosure 3 is a tentative course outline and schedule for the course.

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, April 23, 2006 and depart on Friday, April 28, 2006. Participants must make their own lodging arrangements. Individuals should request a State or government employee rate at the following hotels:

Doubletree Hotels Tulsa  
616 W 7<sup>th</sup> Street  
Tulsa, OK 74127  
800-222-TREE or 918-587-8000  
4.3 miles from course location

Great Western Downtown Plaza  
17 W 7<sup>th</sup> Street  
Tulsa, OK 74119  
800-585-5101 or 918-585-5898  
5.7 miles from course location

Marriott Tulsa Southern Hills  
1902 E 71<sup>st</sup> Street  
Tulsa, OK 74136  
1-866-242-5060 or 918-493-7000  
9.8 Miles from course location

Hilton Tulsa Southern Hills  
7902 S Lewis Avenue  
Tulsa, OK 74136  
918-492-5000  
11 miles from course location

**COURSE HOURS AND ATTIRE:** Official work hours for this course are from 8:00 a.m.-5:00 p.m. with an hour for lunch. The basic course schedule is for lectures in the morning with laboratory exercises in the afternoon. Students should dress casually and wear comfortable pants/slacks and shirts that will facilitate laboratory exercises.

**NOTE:** Students should bring issued dosimetry (issued-dosimetry will be available for those who do not have issued dosimeters) and a scientific calculator.

ENCLOSURE 2

**Safety Aspects of Industrial Radiography H-305  
Tentative Course Outline**

**Day 1 -**

Fundamental Properties of Matter (1 hour)  
Types of Radiation (1 hour)  
Radioactive Materials (2 hours)  
Interaction of Radiation with Matter (2 hours)  
Exposure Devices and Radiation Sources (2 hours)

**Day 2 -**

Biological Effects of Radiation (2 hours)  
Radiation Detection and Measurement Equipment (2 hours)  
Radiation Surveys (2 hours)  
Laboratory Exercises - Exposure Devices and Source Changers (2 hours)

**Day 3 -**

Emergency Procedures (2 hours)  
Laboratory Exercises - Source Retrieval (2 hours)  
Case Histories of Radiography Incidents (1 hour)  
Storage of Exposure Devices and Sources (1 hour)  
Packaging and Transportation of Exposure Devices and Sources (1 hour)  
Laboratory Exercises - Packaging and Labeling for Shipment (1 hour)

**Day 4 -**

Laboratory Exercises - Packaging and Labeling for Shipment continued (1 hour)  
Federal and State Regulations (4 hours)  
Radiographic Techniques (3 hours)

**Day 5 -**

ANSI Standards (2 hours)  
Course Review (2 hours)  
Examination (2 hours)  
Critique (1 hour)

### H-305 Course Schedule\*

Monday:

8:00 a.m. - Noon

Introduction/Radiography concepts and fundamentals

1:00 p.m. - 4:00 p.m.

Labs: Setting up and using devices; plant tour.

Tuesday:

8:00 a.m. - Noon

Radiography safety and operations.

1:00 p.m. - 4:00 p.m.

Labs: Establishing boundaries; source exchange; inspection.

Wednesday:

8:00 a.m. - Noon

Federal and State Regulations.

1:00 p.m. - 4:00 p.m.

Site inspection; emergency source retrieval.

Thursday:

8:00 a.m. - Noon

Transportation regulations and radiography company operations.

1:00 p.m. - 4:00 p.m.

Labs: Shipping packages; performing a radiograph.

Friday:

8:00 a.m. - 10:00 a.m.

ANSI equipment standard

10:30 a.m.- Noon

Course review

1:00 p.m. - 3:00 p.m.

Course exam

3:00 p.m. - 4:00 p.m.

Course Critique

\* Note: This course outline is tentative and subject to change.