



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

August 8, 2005

ALL AGREEMENT STATES-MINNESOTA, PENNSYLVANIA

**ACCEPTANCE TO THE SAFETY ASPECTS OF INDUSTRIAL RADIOGRAPHY COURSE  
(H-305) (STP-05-062)**

Enclosure 1 is the list of students from the Agreement States selected to attend the September 19-23, 2005 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      INTERNET: [BGU@NRC.GOV](mailto:BGU@NRC.GOV)  
TELEPHONE                      (301) 415-2348      FAX                      (301) 415-3502

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

Enclosures:  
As stated

STP-05-062

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OFFICE	STP		STP:DD						
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DATE	08/8/05		08/8/05						

**OFFICIAL RECORD COPY**

SAFETY ASPECTS OF INDUSTRIAL RADIOGRAPHY COURSE (H-305)  
 September 19-23, 2005  
 St. Rose, Louisiana

STATE	STUDENTS	PAYING TUITION/ SPACE AVAILABLE
<b>CALIFORNIA</b>  Department of Health Services P.O. Box 997414 Sacramento, CA 95899-7414	David Little	Paying Tuition
<b>IOWA</b>  Department of Public Health 401 S.W. 7 <sup>th</sup> Street, Suite D Des Moines, IA 50309	Ramona Ubaldo	Paying Tuition
<b>KANSAS</b>  Department of Health and Environment Bureau of Air and Radiation 1000 SW Jackson, Suite 310 Topeka, KS 66612-1366	Judee Walden	Paying Tuition
<b>LOUISIANA</b>  Office of Environmental Services P. O. Box 4313 Baton Rouge, LA 70821-4313	Mary Haik	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>OHIO</b>  Bureau of Radiation Protection Ohio Department of Health P. O. Box 118 Columbus, OH 43216-0118	Kenneth Barnhart	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	Kathleen Zulch	Paying Tuition
<b>WASHINGTON</b>  Department of Health P.O. Box 47827 Olympia, WA 98504-7827	Kristin Schwab	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 September 19-23, 2005 at Source Production and Equipment Company (SPEC), 113 Teal Street, St. Rose, Louisiana. The telephone number is (504) 464-9471. Enclosure 3 is a tentative course outline and schedule for the course.

**LOCATION INFORMATION:** SPEC is located in the James Business Park, a couple of miles west of the airport off of US Highway 61. There is an old "Schwegamm" warehouse across the highway from the entrance to the James Business Park. There is also a Ramada Inn on the right as you enter the business park. As you enter the business park, make a right turn. The road will curve to the left (this is James Drive East). Continue on James Drive until you come to Teal Street (on your left). Turn left onto Teal Street. The SPEC office will be on your right (it says SPEC on the office building as well as 113 (the street address)).

**LODGING AND TRAVEL:** You should plan to arrive on Sunday, September 18, 2005, and depart on Friday, September 23, 2005. Participants must make their own lodging arrangements. Individuals should request a State or government employee rate at the hotels. The closest hotel is the Ramda Inn Suites New Orleans in St. Rose, Louisiana (1-888-872-8356). The following hotels are only a couple of miles from the SPEC office. [Note: No endorsement is expressed or implied. It is the individual's responsibility to ensure that rates are within their employers' limits.] SPEC mentioned that they may have a van shuttle to these nearby hotels (call them to confirm this): Best Western at the Airport (504-464-1644); Hilton New Orleans Airport (800-HILTONS). These are directly across the highway from the airport. [If a shuttle is not available, you might consider going to the airport and take a taxi from there.] Other hotels further away, but in the vicinity (transportation would be needed) are: Radisson Inn N.O. Airport (800-333-3333); Travelodge Airport (800-578-7878); Wingate Inn (800-228-1000).

**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.

**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 & 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.