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

(FSME-14-058, June, Training, H-201)

June 9, 2014

ALL AGREEMENT STATES

ACCEPTANCE TO THE ADVANCED HEALTH PHYSICS COURSE (H-201)
(FSME-14-058)

Purpose: To provide the list of students selected for the U.S. Nuclear Regulatory Commission (NRC) Advanced Health Physics Course (H-201).

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 August 11 - 22, 2014, Advanced Health Physics Course (H-201). This course is to be held in Chattanooga, Tennessee. Please provide the list of students and the instructions (Enclosure 2) to each individual from your program that is on the list. Also enclosed, for your information, is a tentative schedule for the course (Enclosure 3). Students attending this course will be paid travel and per diem by the NRC. Please inform us of any cancellations 30 days prior to the course start date. This will allow us to ensure that States with candidates on the waiting list have an opportunity to fill vacated slots that may open up after the course acceptance letters have been transmitted.

If you have any questions regarding this correspondence, please contact me at 301-415-3340 or the individual named below.

POINT OF CONTACT: Marcia Casby INTERNET: AStrainingandtravel.Resource@nrc.gov
TELEPHONE: (301) 415-6525

/RA KSchneider for/

Laura A. Dudes, 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

Advanced Health Physics (H-201)
August 11-22, 2014
Chattanooga, TN

STATE	**PARTICIPANT**
ARIZONA	Steven Rider
COLORADO	Carrie Romanchek
IILLINOIS	Whitney Cox
IOWA	Leonardo Wardrobe
OHIO	Jill Boley
UTAH	Ronald Givens
WISCONSIN	Lauren James

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) Advanced Health Physics Course. This course is scheduled to be presented August 11-22, 2014, at the NRC Technical Training Center, 5746 Marlin Road, Suite 200, Osborne Office Center, Near Eastgate Shopping Center, Chattanooga, Tennessee 37411-5677, Telephone (423) 855-6500.

COURSE: This course will be conducted beginning at 8:00 a.m. and end at 4:00 p.m. each day except for Friday, August 22, 2014, when the class is scheduled to end at 1:00 p.m. Please note that additional time for taking the exam may be extended to 4:00 p.m., if needed. Please visit our training website at http://nrc-stp.ornl.gov/training.html to access the Math Review, and familiarize yourself with the expectations of the course. There will be a morning session for a Math Review conducted on Monday, August 11, 2014. If you have any questions concerning the Math Review, please send an e-mail to Jeff.Griffis@nrc.gov. Students should bring an engineering or scientific calculator with them. A tentative schedule for the course is enclosed (Enclosure 3). 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 training.

LODGING AND TRAVEL: Please plan to arrive on Sunday, August 10, 2014, and depart on Friday, August 22, 2014. Students must make their own lodging and travel arrangements. If traveling by air, please contact Carlson Travel at 1-800-453-8396 for airline reservations. Students should complete the new Travel Application Form which is located at http://nrc-stp.ornl.gov/special/travel_form.pdf. This form should be completed and submitted to Marcia Casby at AStrainingandtravel.Resource@nrc.gov. If you have any questions regarding the travel form please contact Marcia Casby at 301-415-6525. Individuals should request the Federal government rate at the hotels. The per diem for Chattanooga, Tennessee is 95/56/151. This means that lodging/meals/not to exceed the total. No rental cars will be authorized for travel. Students will be reimbursed for transportation between the airport and hotel, and between the hotel and the training center. If you plan to drive, the Federal mileage reimbursement is 56 cents per mile. Students staying at the same hotel are encouraged to coordinate with each other to arrange transportation between the hotel and the training center.

Below are a couple of suggestions for lodging in the Chattanooga area:

Residence Inn Chattanooga Near Hamilton Place
2340 Center Street
Chattanooga, Tennessee 37421
1-423-468-7700

Hampton Inn
7013 Shallowford Road
Chattanooga, Tennessee 37421
1-423-855-0095

Advanced Health Physics (H-201)
Tentative Schedule
August 11-22, 2014
Chattanooga, TN

<table>
<tr><th>WEEK 1</th><th>Monday</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th></tr>
<tr><td>8:00-8:30</td><td rowspan="2">Introduction
Admin</td><td rowspan="2">Radiation
Concepts
(1)</td><td rowspan="3">Quiz 1
and
Q&A</td><td rowspan="3">Problem
Session
and
Q&A</td><td rowspan="3">Quiz 2
and
Q&A</td></tr>
<tr><td>8:30-9:00</td></tr>
<tr><td>9:00-9:30</td><td rowspan="3">X-Rays
(1)</td></tr>
<tr><td>9:30-10:00</td><td rowspan="4">Math
Review</td><td rowspan="3">Radioactive
Decay
(2)</td><td rowspan="4">Interactions
with Matter
(3)</td><td rowspan="2">Line Source
(4)</td><td rowspan="2">External Dose
Evaluation
(6)</td></tr>
<tr><td>10:00-10:30</td></tr>
<tr><td>10:30-11:00</td><td rowspan="3">Specific
Activity
(2)</td><td rowspan="2">Area and
Volume
Source
(4)</td><td rowspan="2">ALARA
(7)</td></tr>
<tr><td>11:00-11:30</td></tr>
<tr><td>11:30-12:00</td><td>HP Review</td></tr>
<tr><td>12:00-1:00</td><td>Lunch</td><td>Lunch</td><td>Lunch</td><td>Lunch</td><td>Lunch</td></tr>
<tr><td>1:00-1:30</td><td rowspan="3">HP Review</td><td rowspan="2">Neutron
Activation (2)</td><td rowspan="2">Interactions
with Matter
and
Skin Dose
(3)</td><td rowspan="3">Effective
Dose
Equivalent
(5)</td><td rowspan="6">Instruments,
Calibration and
Surveys
(8)</td></tr>
<tr><td>1:30-2:00</td></tr>
<tr><td>2:00-2:30</td><td rowspan="3">Serial Decay
Equilibrium
(2)</td><td rowspan="2">Gamma
Constant
(4)</td></tr>
<tr><td>2:30-3:00</td><td>Radiation
History (1)</td><td rowspan="3">Submersion
Dose
(5)</td></tr>
<tr><td>3:00-3:30</td><td rowspan="2">Dose
Quantities
and Limits
(1)</td><td rowspan="2">Point Source
Inverse
Square
(4)</td></tr>
<tr><td>3:30-4:00</td><td>Interactions
with Matter (3)</td></tr>
</table>

<table>
<tr><th>WEEK 2</th><th>Monday</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th></tr>
<tr><td>8:00-8:30</td><td rowspan="3">Problem Session
and
Q&A</td><td rowspan="3">Quiz 3
and
Q&A</td><td rowspan="3">Problem Session
and
Q&A</td><td rowspan="3">Quiz 4
and
Q&A</td><td rowspan="9">Final Exam</td></tr>
<tr><td>8:30-9:00</td></tr>
<tr><td>9:00-9:30</td></tr>
<tr><td>9:30-10:00</td><td rowspan="2">Internal Dosimetry
(9)</td><td rowspan="2">EPA FGR 11
(13)</td><td rowspan="2">Embryo/Fetal Dose
(15)</td><td rowspan="2">TEDE ALARA
(18)</td></tr>
<tr><td>10:00-10:30</td></tr>
<tr><td>10:30-11:00</td><td rowspan="2">Effective Half Life
and Mean Life
(10)</td><td rowspan="2">Effluents
(13)</td><td rowspan="2">Intake Retention
Fractions
(16)</td><td rowspan="2">REMIT and NRC
Forms 4 & 5
(18)</td></tr>
<tr><td>11:00-11:30</td></tr>
<tr><td>11:30-12:00</td><td rowspan="2">ICRP-30 and 10
CFR Part 20
(11)</td><td rowspan="4">Bioassay
and Air Sampling

(14)</td><td rowspan="2">IRF
(16)</td><td rowspan="6">Problem Session
and
Q&A</td><td rowspan="6">Course Ends When
Final Exam
Completed</td></tr>
<tr><td>12:00-1:00</td></tr>
<tr><td>1:00-1:30</td><td rowspan="4">Contamination
(17)</td></tr>
<tr><td>1:30-2:00</td></tr>
<tr><td>2:00-2:30</td><td rowspan="3">Lung Model and
Particle Size
(12)</td></tr>
<tr><td>2:30-3:00</td></tr>
<tr><td>3:00-3:30</td><td rowspan="2">MIRD (15)</td></tr>
<tr><td>3:30-4:00</td></tr>
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