

NOV 8 1996

ALL AGREEMENT STATES
MASSACHUSETTS, OHIO, OKLAHOMA, PENNSYLVANIA

TRANSMITTAL OF STATE AGREEMENTS PROGRAM INFORMATION (SP-96-116)

Your attention is invited to the attached correspondence which contains:

INCIDENT AND EVENT INFORMATION.....

PROGRAM MANAGEMENT INFORMATION.

TRAINING COURSE INFORMATION.....XX ACCEPTANCE TO THE HEALTH
PHYSICS TECHNOLOGY COURSE
(H-201)

TECHNICAL INFORMATION.....

Supplementary Information: Enclosure 1 is the list of students from the States selected to attend the December 2-13, 1996, Health Physics Technology course (H-201). Please provide the list of students and the instructions (Enclosure 2) to each individual from your program that is on the list. Those traveling at State expense should be encouraged to follow the instructions and make the appropriate travel and lodging arrangements as soon as possible.

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

POINT OF CONTACT: Dennis M. Sollenberger
TELEPHONE: (301) 415-2819
FAX: (301) 415-3502
INTERNET: DMS4@NRC.GOV

Original Signed By:
PAUL H. LOHAUS

Paul H. Lohaus, Deputy Director
Office of State Programs

9612060164 961108
PDR STPRG ESGGEN
PDR

Enclosures:
As stated

Distribution:

DIR RF RLBangart PLOhaus
SDroggitis DSollenberger PDR (YES ☒ NO ☐
AS File BUilton DCD (SP03)
RSAOs) E-Mailed GDavis
RSLOs) 11/10/96
TTD)

FAXED TO STATES: 11/10/96

DOCUMENT NAME: G:\SP96.116.DMS

OFFICE	OSP <i>DMS</i>	OSP: <i>DD</i>	OSP: <i>DD</i>				
NAME	DSollenberger:gd	PLohaus	RBangart				
DATE	11/08/96	11/8/96	11/8/96				

OSP FILE CODE: SP-A-4 and SP-T-3

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 8, 1996

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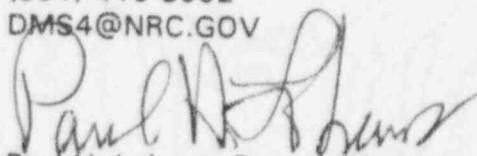
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Paul H. Lohaus, Deputy Director
Office of State Programs

Enclosures:
As stated

AGREEMENT STATE STUDENT LIST FOR THE DECEMBER 1996
HEALTH PHYSICS TECHNOLOGY COURSE (H-201)

ALABAMA	David Turberville (Traveling at State Expense) Division of Radiation Control AL Department of Public Health P.O. Box 303017 Montgomery, AL 36130
ARKANSAS	Teri Magsam (Traveling at State Expense) Division of Radiation and Emergency Management AR Department of Health 4815 West Markham Street, Slot 30 Little Rock, AR 72205-3867 Jimmy L. Martin (Traveling at State Expense) Division of Radiation and Emergency Management AR Department of Health 4815 West Markham Street, Slot 30 Little Rock, AR 72205-3867
LOUISIANA	Russell S. Clarke (Traveling at State Expense) LA Department of Environmental Quality Radiation Protection Division P.O. Box 82135 Baton Rouge, LA 70884-2135
NEBRASKA	Howard A. Shuman (Traveling At State Expense) Low-Level Radioactive Waste Program NE Department of Health P.O. Box 95007 Lincoln, NE 68509-5007
OHIO	John W. Cooper (Traveling at State Expense) Bureau of Radiation Protection OH Department of Health 35 Chestnut Street Columbus, OH 43266-0118
OKLAHOMA	Louis E. Smith (Traveling at State Expense) Radiation Management Section OK Department of Environmental Quality 1000 N.E. 10th Street Oklahoma City, OK 73117-1212

TENNESSEE

Mark Hammon (Traveling at State Expense)
TN Division of Radiological Health
L & C Annex, 3rd Floor
401 Church Street
Nashville, TN 37243-1532

John Lisle (Traveling at State Expense)
TN Division of Radiological Health
L & C Annex, 3rd Floor
401 Church Street
Nashville, TN 37243-1532

TEXAS - BRC

Bradley Caskey (Traveling at NRC Expense)
TX Department of Health
Bureau of Radiation Control
1100 West 49th Street
Austin, TX 78756-3189

David M. Wood (Traveling at NRC Expense)
TX Department of Health
Bureau of Radiation Control
1100 West 49th Street
Austin, TX 78756-3189

TEXAS - TNRCC

Muhammadali Zare.a.k (Traveling at NRC Expense)
TX Natural Resource Conservation Commission
UIC, Uranium and Radioactive Waste Section
P.O. Box 13087, MC-131
Austin, TX 78711-3087

WASHINGTON

Richard E. Jaquish (Traveling at State Expense)
1906 Peachtree Lane
Richland, WA 99352

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." This course is scheduled to be presented December 2-13, 1996, at NRC's Technical Training Center, 5700 Brainerd Road, Osborne Office Center, Suite 200, Eastgate Shopping Center, Chattanooga, TN. (423-855-6500)

COURSE: Standard Training Center hours are 7:30 am -4:15 pm. The course formal presentations are scheduled from 8:00 a.m. - 4:00 p.m. beginning December 2, 1996. The course is scheduled to be completed at 1:00 pm on Friday, December 13, 1996. Students should bring an engineering or scientific calculator with them. Normal office/business attire is appropriate for students attending TTC courses. The general schedule for the course is attached for your information.

LODGING: The students should make their own lodging arrangements. A map and list of hotels is attached. Hotels in the B area are near restaurants and shopping. Individuals should request a State or government rate at the hotels. The Holiday Inn has a van that could transport students to the TTC.

TRAVEL AND EXPENSES FOR STUDENTS TRAVELING AT NRC EXPENSE:

For those States that have requested that NRC continue funding their travel to training and have received notice in writing that NRC will continue to fund reasonable training and travel expenses for fiscal year 1997, they should follow the instructions below for Federal travel orders:

TRAVEL: If you travel by air, you must call Carlson Wagonlit Travel, (202) 554-1850, to make your flight reservations. You must use Carlson or you may not be reimbursed for your plane ticket. Your tickets will be mailed to you about a week before the course begins. If you travel by car, you will be reimbursed at a rate of \$0.31 per mile, with the total payment not to exceed the minimum government airfare. For those participants that fly, taxi or courtesy van service will take you to the hotel.

The Nuclear Regulatory Commission has received approval from the General Services Administration to allow State employees who are able to obtain a special discount (i.e., a lower fare than is available from Carlson Wagonlit Travel) through their State travel agency to purchase airline tickets themselves and be reimbursed via their travel voucher. In order to use your own State travel agency, it must be confirmed that Carlson Wagonlit Travel is not able to obtain that same class ticket for the same price. Before purchasing your own ticket, please contact Brenda Usilton at (301) 414-2348 in order to assure the proper procedures are followed.

EXPENSES: State participants traveling on Federal orders will be reimbursed for expenses in accordance with Federal travel regulations. A voucher will be provided to you at the course. Receipts are necessary to claim any expenses of \$25.00 or more. Telephone calls will not be reimbursed by NRC. The per diem rate for Chattanooga is \$30.00 for meals and miscellaneous expenses. The maximum lodging rate is \$60.00 per day.

Any questions about, or changes in, travel should be directed to Ms. Brenda Usilton at (301) 415-2348. Any questions on the course should be made to Dennis Sollenberger at (301) 415-2819.

MOTELS IN THE CHATTANOOGA AREA

LOCATION A

Shoney's Inn*
5505 Brainerd Road
Phone: 423/894-2040

LOCATION B

Fairfield Inn
2350 Shallowford Village Drive
at I-75
Phone: 423/499-3800

Comfort Suites
7324 Shallowford Road at I-75
Phone: 423/892-1500

Marriott Courtyard
2210 Bans Drive at I-75
Phone: 423/499-4400

Holiday Inn
2345 Shallowford Village Drive
at I-75
Phone: 423/855-2898

La Quinta Inn
7015 Shallowford Road at I-75
Phone: 423/855-0011

Hampton Inn
7011 Shallowford Road at I-75
Phone: 423/855-0095

Days Inn Airport
7725 Lee Highway at Exit 7
Phone: 423/899-2288

LOCATION B (Continued)

Ramada Limited
2361 Shallowford Village Drive
Phone: 423/855-2090

Best Western Heritage Inn
7641 Lee Highway
Phone: 423/899-3311

Red Roof Inn
7014 Shallowford Road at I-75
Phone: 423/899-0143

Country Suites
7051 McCutcheon Road at I-75
Phone: 423/899-2300

Holiday Inn Express
7024 McCutcheon Road at I-75
Phone: 423/490-8560

Comfort Inn
7717 Lee Highway at Exit 7
Phone: 423/894-5454

Extended Stay of America
Vance Road and Hwy. 153
Phone: 423/892-1315 or
1-800-398-7829

LOCATION C

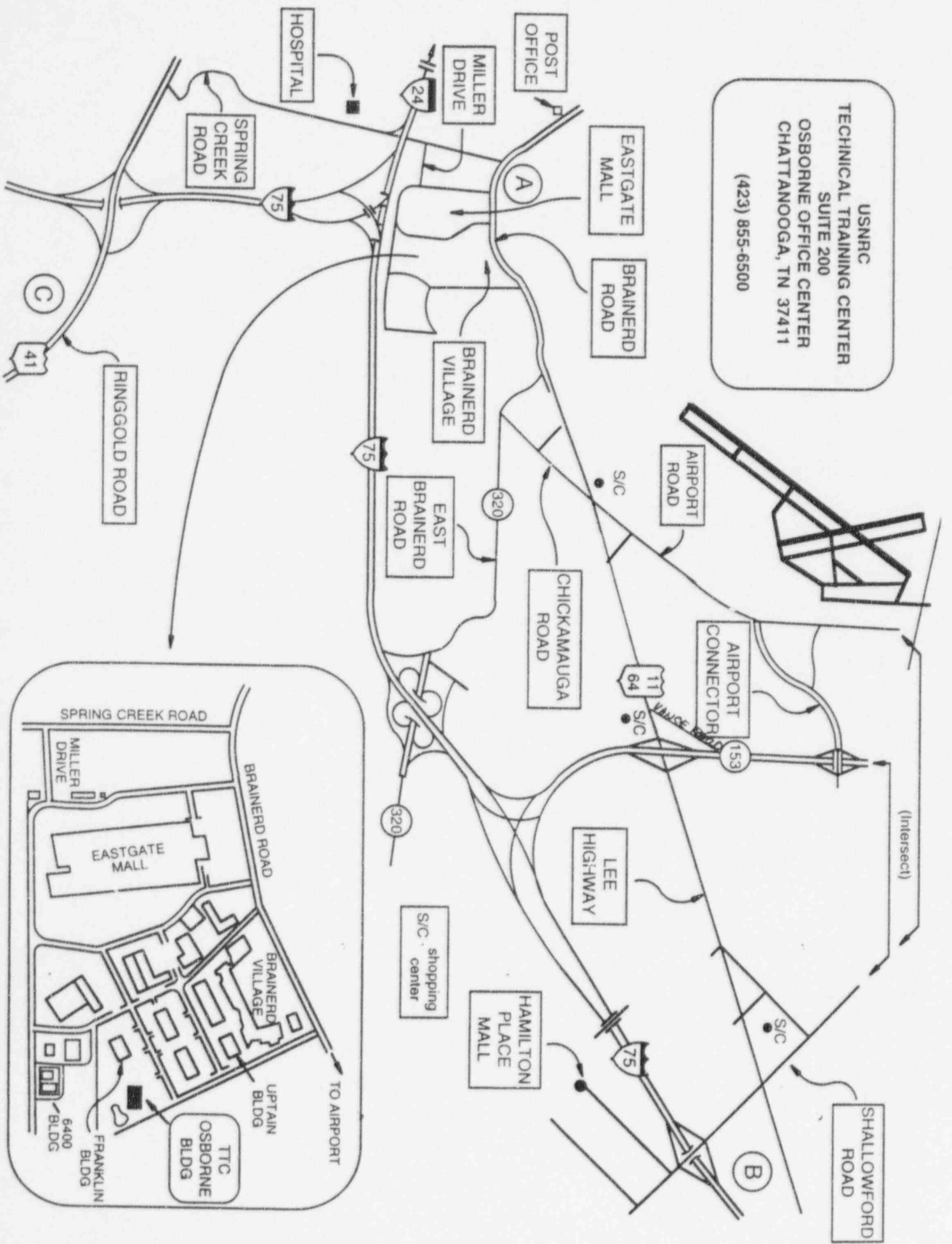
Holiday Inn
I-75 & US 41 (East Ridge Exit)
Phone: 423/892-8100

Days Inn
I-75 & US 41 (East Ridge Exit)
Phone: 423/894-0440

*WHEN MAKING RESERVATIONS WITH SHONEY'S, REQUEST THE NRC RATE.

SEE ATTACHED MAP FOR LOCATION OF MOTELS

USNRC
 TECHNICAL TRAINING CENTER
 SUITE 200
 OSBORNE OFFICE CENTER
 CHATTANOOGA, TN 37411
 (423) 855-6500



Tentative Schedule - Week 1 - December 2 - 6, 1996

	Monday December 2	Tuesday December 3	Wednesday December 4	Thursday December 5	Friday December 6
8:00 AM to 9:30 AM	Introduction (1)	Neutron Activation (9)	Area & Volume Sources (14-15)	Calibration (22)	Effective Dose Equivalent (29)
9:30 AM to 10:30 AM	Radiation Protection Philosophy (1)	Neutron Activation (9)	Area & Volume Sources (14-15)	Calibration (22)	Effective Dose Equivalent (29)
10:30 AM to 12:00 PM	Radiation Concepts & X-Rays (3 & 5)	Serial Decay and Equilibrium (10)	Interactions & Shielding (16)	Surveys (23)	Submersion Dose (30)
12:00 PM to 1:00 PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:00 PM to 2:00 PM	Dose Limits (6)	Gamma Constant (11)	Skin Dose (17)	Surveys continued (23)	Dose Reconstruc- tion (31)
2:00 PM to 3:00 PM	Radioactive Decay (7)	Point Source & Inverse Square (12)	Instruments (21)		Introduction to Internal Doses (32-33)
3:00 PM to 4:00 PM	Specific Activity (8)	Line Source (13)		ALARA (24)	

Tentative Schedule - Week 2 - December 9 - December 13, 1996

	Monday December 9	Tuesday December 10	Wednesday December 11	Thursday December 12	Friday December 13
8:30 AM 9:30 AM	QUIZ 5 REVIEW	QUIZ 6 REVIEW	QUIZ 7 REVIEW	QUIZ 8 REVIEW	FINAL EXAM
9:30 AM to 10:30 AM	Effective Half Life & Mean Life (34-35)	Particle Size (41)	Bioassay (48)	GUEST SPEAKER	FINAL EXAM
10:30 AM to 12:00 AM	ICRP-30 & 10 CFR Part 20 (36 & 38)	Bone & GI (42-43) MIRD (44)	Intake Retention Fraction (49)	GUEST SPEAKER	FINAL EXAM
12:00 PM to 1:00 PM	LUNCH	LUNCH	LUNCH	LUNCH	FINAL EXAM
1:00 PM to 2:00 PM	EPA FGR 11 (37)	Embryo/Fetal Dose (45)	TEDE ALARA (50)	GUEST SPEAKER	COURSE COMPLETED
2:00 PM to 3:00 PM	Effluents (39)	Contamina- tion Surveys (46)	REMIT & NRC Forms 4 & 5 (51 & 20)	GUEST SPEAKER	
3:00 PM to 4:00 PM	Lung Model (40)	Air Sampling (47)	Chapter 52	GUEST SPEAKER	

Please FAX the following information to
Brenda Usilton at (301) 415-3502
by 5 pm (EDT) November 15, 1996

Course or Workshop: Health Physics Technology (H-201)

Dates: December 2-13, 1996

Travel: December 1 and 13

Location: NRC Technical Training Center, Chattanooga, TN

NAME: _____

BUSINESS
ADDRESS: _____

WORK PHONE NUMBER: _____

SS#: _____-_____-_____

Departure City (airport): _____

Date of Departure (if not Dec 01): _____
Please provide reason: _____

Date of Return (if not Dec 13): _____
Please provide reason: _____

Cost of Airfare (from Carlson Travel): _____

If you are driving indicate roundtrip miles: _____

Lodging Arrangements Made: (Yes) (No) _____

FAX INFORMATION

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF STATE PROGRAMS
MAIL STOP 3 D 23
WASHINGTON, D.C. 20555

STATE PROGRAMS FAX: (301) 415-3502
USNRC MAIN FAX: (301) 415-2260/1137/2259

NUMBER OF PAGES: 10 including this page

DATE: NOVEMBER 10, 1996

TO: RADIATION CONTROL PROGRAM DIRECTORS IN
AGREEMENT STATES, MASSACHUSETTS, OHIO, OKLAHOMA, PENNSYLVANIA

NRC REGIONAL STATE AGREEMENTS OFFICERS
NRC REGIONAL STATE LIAISON OFFICERS

FROM: PAUL H. LOHAUS, DEPUTY DIRECTOR
OFFICE OF STATE PROGRAMS

SUBJECT: SP-96-116 ACCEPTANCE TO HEALTH PHYSICS TECHNOLOGY COURSE
(H-201)

VERIFICATION NO.: 301-415-3340

< TRANSACTION REPORT >

11-13-1996(WED) 16:09

[TRANSMIT]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
30037	11-13	16:04	904 487 0435	10	0' 04' 39"	NOR E	OK
			<i>Florida - 11/13</i>	10	0' 04' 39"		



< TRANSACTION REPORT >

11-10-1996(SUN) 20:38

[BROADCAST]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29954	11-10	18:15	610 337 5324	10	0'04'25"	NORM.E	OK
29955		18:19	404 331 5559	10	0'05'30"	NORMAL	U008
			ERROR PAGE:05				
29956		18:25	7085151096	9	0'09'26"	NORM.E	U010 ✓
29957		18:35	817 860 8122	10	0'04'23"	NORM.E	OK
29958		18:40	5109750381	10	0'04'39"	NORM.E	OK
29959		18:45	334 613 5387	10	0'08'04"	NORM.E	OK
29960		18:53	6024370705	10	0'05'50"	NORMAL	OK
29961		18:59	ARKANSAS	10	0'04'26"	NORM.E	OK
29962		19:04	0111916 3243610	10	0'04'25"	NORM.E	OK
29963		19:09	303 762 5083	10	0'04'48"	NORM.E	OK
29964		19:15	404 362 2653	10	0'07'36"	NORM.E	OK
29965		19:23	217 524 4724	10	0'04'29"	NORM.E	OK
29966		19:28	515 242 6284	10	0'04'27"	NORM.E	OK
29967		19:33	913 296 0984	10	0'04'54"	NORM.E	OK
29968		19:38	502 564 6533	10	0'04'28"	NORM.E	OK
29969		19:43	LOUISIANA	10	0'04'56"	NORM.E	OK
29970		19:48	MAINE	10	0'05'43"	NORMAL	OK
29971		19:54	4106313198	10	0'05'48"	NORMAL	OK
29972		20:00	601+354+6167	10	0'06'10"	NORMAL	OK
29973		20:07	402 471 0820	10	0'04'21"	NORM.E	OK
29974		20:11	7026875751	10	0'06'10"	NORMAL	OK
29975		20:18	603 225 2325	10	0'04'31"	NORM.E	OK
29976		20:23	5058271544	10	0'05'47"	NORMAL	OK
29977		20:29	518 458 6434	10	0'04'28"	NORM.E	OK
29978		20:34	919 571 4148	10	0'04'26"	NORM.E	OK
				249	2'14'10"		

< TRANSACTION REPORT >

11-10-1996(SUN) 22:38

[BROADCAST]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29979	11-10	20:39	701 328 5200	10	0° 04' 30"	NORM.E	OK
29980		20:44	503 731 4081	10	0° 04' 21"	NORM.E	OK
29981		20:48	401 277 2456	10	0° 07' 57"	NORM.E	OK
29982		20:57	803 737 7412	10	0° 06' 41"	NORM.E	OK
29983		21:04	615 532 7938	10	0° 04' 27"	NORM.E	OK
29984		21:08	5128346708	10	0° 05' 14"	NORM.E	OK
29985		21:14	801 533 4097	10	0° 05' 08"	NORM.E	OK
29986		21:19	360 753 1496	10	0° 04' 26"	NORM.E	OK
29987		21:24	518 457 2225	10	0° 04' 30"	NORM.E	OK
29988		21:29	518 457 5545	10	0° 04' 58"	NORM.E	OK
29989		21:34	NYCITY RAD10L HLTH	10	0° 05' 52"	NORMAL	OK
29990		21:41	502 227 7862	10	0° 04' 50"	NORMAL	OK
29991		21:46	AECB (613) 995-5086	10	0° 04' 48"	NORMAL	OK
29992		21:51	202 727 7780	10	0° 04' 22"	NORM.E	OK
29993		21:56	7996726	10	0° 04' 25"	NORM.E	OK
29994		22:00	217 782 1328	10	0° 05' 09"	NORM.E	OK
29995		22:06	512 239 6363	10	0° 04' 31"	NORM.E	OK
29996		22:11	4024714840	10	0° 05' 44"	NORMAL	OK
29997		22:17	912 262 3143	10	0° 04' 46"	NORMAL	OK
29998		22:38	FLORIDA - OK 11/13	0			U000 ✓
(Just not working)				190	1° 36' 39"		

< TRANSACTION REPORT >

11-10-1996(SUN) 15:17

[BROADCAST]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29950	11-10	14:57	OHIO	10	0° 04' 27"	NORM.E	OK
29951		15:02	PENNSYLVANIA	10	0° 04' 27"	NORM.E	OK
29952		15:07	405 271 8425	10	0° 04' 21"	NORM.E	OK
29953		15:11	MASSACHSETTS	10	0° 05' 15"	NORM.E	OK
				40	0° 18' 30"		

< TRANSACTION REPORT >

11-10-1996(SUN) 14:40

[TRANSMIT]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29949	11-10	14:36	518 862 1091	10	0°04'42"	NORM.E	OK
			<i>Spain</i>	10	0°04'42"		



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Original Signed By:
PAUL H. LOHAUS

Paul H. Lohaus, Deputy Director
Office of State Programs

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Distribution:

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SDroggitis
AS File
RSAOs) E-Mailed
RSLOs) 11/10/96
TTD)

RLBangart
DSollenberger
BUilton
GDavis

PLohaus
PDR (YES / NO_)
DCD (SP03)

FAXED TO STATES: 11/10/96

DOCUMENT NAME: G:\SP96.116 .DMS

OFFICE	OSP <i>DMS</i>	OSP <i>DB</i>	OSP <i>DR</i>			
NAME	DSollenberger:gd	PLohaus	RBangart			
DATE	11/08/96	11/8/96	11/8/96			

OSP FILE CODE: SP-A-1 and SP-T-3

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

November 8, 1996

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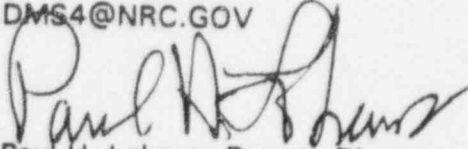
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Paul H. Lohaus, Deputy Director
Office of State Programs

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AGREEMENT STATE STUDENT LIST FOR THE DECEMBER 1996
HEALTH PHYSICS TECHNOLOGY COURSE (H-201)

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Division of Radiation Control
AL Department of Public Health
P.O. Box 303017
Montgomery, AL 36130

ARKANSAS Teri Magsam (Traveling at State Expense)
Division of Radiation and Emergency Management
AR Department of Health
4815 West Markham Street, Slot 30
Little Rock, AR 72205-3867

Jimmy L. Martin (Traveling at State Expense)
Division of Radiation and Emergency Management
AR Department of Health
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Little Rock, AR 72205-3867

LOUISIANA Russell S. Clarke (Traveling at State Expense)
LA Department of Environmental Quality
Radiation Protection Division
P.O. Box 82135
Baton Rouge, LA 70884-2135

NEBRASKA Howard A. Shuman (Traveling At State Expense)
Low-Level Radioactive Waste Program
NE Department of Health
P.O. Box 95007
Lincoln, NE 68509-5007

OHIO John W. Cooper (Traveling at State Expense)
Bureau of Radiation Protection
OH Department of Health
35 Chestnut Street
Columbus, OH 43266-0118

OKLAHOMA Louis E. Smith (Traveling at State Expense)
Radiation Management Section
OK Department of Environmental Quality
1000 N.E. 10th Street
Oklahoma City, OK 73117-1212

TENNESSEE

Mark Hammon (Traveling at State Expense)
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L & C Annex, 3rd Floor
401 Church Street
Nashville, TN 37243-1532

John Lisle (Traveling at State Expense)
TN Division of Radiological Health
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401 Church Street
Nashville, TN 37243-1532

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Austin, TX 78756-3189

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TX Department of Health
Bureau of Radiation Control
1100 West 49th Street
Austin, TX 78756-3189

TEXAS - TNRCC

Muhammadali Zare.a.k (Traveling at NRC Expense)
TX Natural Resource Conservation Commission
UIC, Uranium and Radioactive Waste Section
P.O. Box 13087, MC-131
Austin, TX 78711-3087

WASHINGTON

Richard E. Jaquish (Traveling at State Expense)
1906 Peachtree Lane
Richland, WA 99352

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." This course is scheduled to be presented December 2-13, 1996, at NRC's Technical Training Center, 5700 Brainerd Road, Osborne Office Center, Suite 200, Eastgate Shopping Center, Chattanooga, TN. (423-855-6500)

COURSE: Standard Training Center hours are 7:30 am -4:15 pm. The course formal presentations are scheduled from 8:00 a.m. - 4:00 p.m. beginning December 2, 1996. The course is scheduled to be completed at 1:00 pm on Friday, December 13, 1996. Students should bring an engineering or scientific calculator with them. Normal office/business attire is appropriate for students attending TTC courses. The general schedule for the course is attached for your information.

LODGING: The students should make their own lodging arrangements. A map and list of hotels is attached. Hotels in the B area are near restaurants and shopping. Individuals should request a State or government rate at the hotels. The Holiday Inn has a van that could transport students to the TTC.

TRAVEL AND EXPENSES FOR STUDENTS TRAVELING AT NRC EXPENSE:

For those States that have requested that NRC continue funding their travel to training and have received notice in writing that NRC will continue to fund reasonable training and travel expenses for fiscal year 1997, they should follow the instructions below for Federal travel orders:

TRAVEL: If you travel by air, you must call Carlson Wagonlit Travel, (202) 554-1850, to make your flight reservations. You must use Carlson or you may not be reimbursed for your plane ticket. Your tickets will be mailed to you about a week before the course begins. If you travel by car, you will be reimbursed at a rate of \$0.31 per mile, with the total payment not to exceed the minimum government airfare. For those participants that fly, taxi or courtesy van service will take you to the hotel.

The Nuclear Regulatory Commission has received approval from the General Services Administration to allow State employees who are able to obtain a special discount (i.e., a lower fare than is available from Carlson Wagonlit Travel) through their State travel agency to purchase airline tickets themselves and be reimbursed via their travel voucher. In order to use your own State travel agency, it must be confirmed that Carlson Wagonlit Travel is not able to obtain that same class ticket for the same price. Before purchasing your own ticket, please contact Brenda Usilton at (301) 414-2348 in order to assure the proper procedures are followed.

EXPENSES: State participants traveling on Federal orders will be reimbursed for expenses in accordance with Federal travel regulations. A voucher will be provided to you at the course. Receipts are necessary to claim any expenses of \$25.00 or more. Telephone calls will not be reimbursed by NRC. The per diem rate for Chattanooga is \$30.00 for meals and miscellaneous expenses. The maximum lodging rate is \$60.00 per day.

Any questions about, or changes in, travel should be directed to Ms. Brenda Usilton at (301) 415-2348. Any questions on the course should be made to Dennis Sollenberger at (301) 415-2819.

MOTELS IN THE CHATTANOOGA AREA

LOCATION A

Shoney's Inn*
5505 Brainerd Road
Phone: 423/894-2040

LOCATION B

Fairfield Inn
2350 Shallowford Village Drive
at I-75
Phone: 423/499-3800

Comfort Suites
7324 Shallowford Road at I-75
Phone: 423/892-1500

Marriott Courtyard
2210 Bans Drive at I-75
Phone: 423/499-4400

Holiday Inn
2345 Shallowford Village Drive
at I-75
Phone: 423/855-2898

La Quinta Inn
7015 Shallowford Road at I-75
Phone: 423/855-0011

Hampton Inn
7011 Shallowford Road at I-75
Phone: 423/855-0095

Days Inn Airport
7725 Lee Highway at Exit 7
Phone: 423/899-2288

LOCATION B (Continued)

Ramada Limited
2361 Shallowford Village Drive
Phone: 423/855-2090

Best Western Heritage Inn
7641 Lee Highway
Phone: 423/899-3311

Red Roof Inn
7014 Shallowford Road at I-75
Phone: 423/899-0143

Country Suites
7051 McCutcheon Road at I-75
Phone: 423/899-2300

Holiday Inn Express
7024 McCutcheon Road at I-75
Phone: 423/490-8560

Comfort Inn
7717 Lee Highway at Exit 7
Phone: 423/894-5454

Extended Stay of America
Vance Road and Hwy. 153
Phone: 423/892-1315 or
1-800-398-7829

LOCATION C

Holiday Inn
I-75 & US 41 (East Ridge Exit)
Phone: 423/892-8100

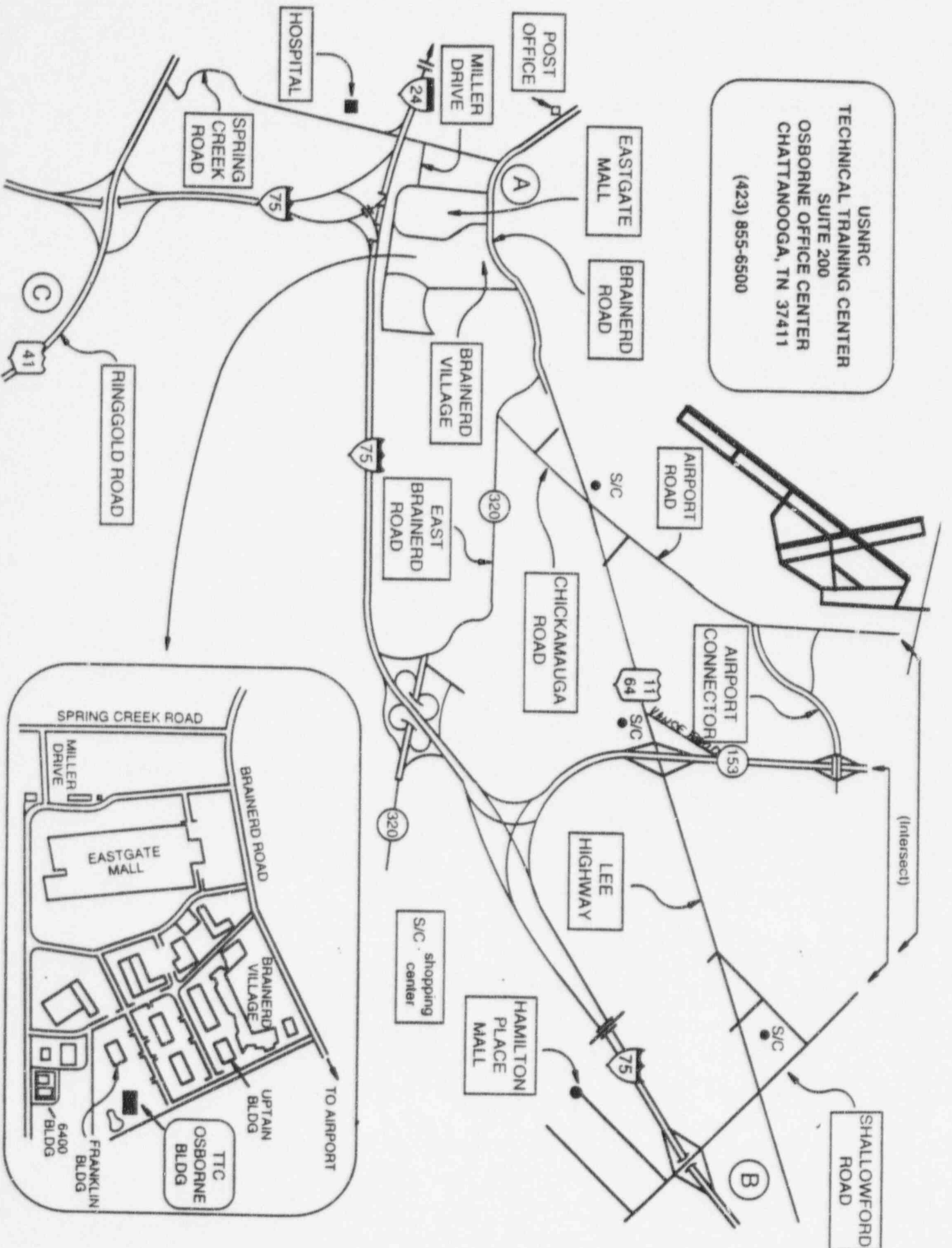
Days Inn
I-75 & US 41 (East Ridge Exit)
Phone: 423/894-0440

*WHEN MAKING RESERVATIONS WITH SHONEY'S, REQUEST THE NRC RATE.

SEE ATTACHED MAP FOR LOCATION OF MOTELS

USNRC
 TECHNICAL TRAINING CENTER
 SUITE 200
 OSBORNE OFFICE CENTER
 CHATTANOOGA, TN 37411

(423) 855-6500



Tentative Schedule - Week 1 - December 2 - 6, 1996

	Monday December 2	Tuesday December 3	Wednesday December 4	Thursday December 5	Friday December 6
9:30 AM to 10:30 AM	Radiation Protection Philosophy (1)	Neutron Activation (9)	Area & Volume Sources (14-15)	Calibration (22)	Effective Dose Equivalent (29)
10:30 AM to 12:00 PM	Radiation Concepts & X-Rays (3 & 5)	Serial Decay and Equilibrium (10)	Interactions & Shielding (16)	Surveys (23)	Submersion Dose (30)
1:00 PM to 2:00 PM	Dose Limits (6)	Gamma Constant (11)	Skin Dose (17)	Surveys continued (23)	Dose Reconstruc- tion (31)
2:00 PM to 3:00 PM	Radioactive Decay (7)	Point Source & Inverse Square (12)	Instruments (21)		Introduction to Internal Doses (32-33)
3:00 PM to 4:00 PM	Specific Activity (8)	Line Source (13)		ALARA (24)	

Tentative Schedule - Week 2 - December 9 - December 13, 1996

	Monday December 9	Tuesday December 10	Wednesday December 11	Thursday December 12	Friday December 13
				UAS REVIEW	
9:30 AM to 10:30 AM	Effective Half Life & Mean Life (34-35)	Particle Size (41)	Bioassay (48)	GUEST SPEAKER	FINAL EXAM
10:30 AM to 12:00 AM	ICRP-30 & 10 CFR Part 20 (36 & 38)	Bone & GI (42-43) MIRD (44)	Intake Retention Fraction (49)	GUEST SPEAKER	FINAL EXAM
12:00 PM to 1:00 PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:00 PM to 2:00 PM	EPA FGR 11 (37)	Embryo/Fetal Dose (45)	TEDE ALARA (50)	GUEST SPEAKER	COURSE COMPLETED
2:00 PM to 3:00 PM	Effluents (39)	Contamina- tion Surveys (46)	REMIT & NRC Forms 4 & 5 (51 & 20)	GUEST SPEAKER	
3:00 PM to 4:00 PM	Lung Model (40)	Air Sampling (47)	Chapter 52	GUEST SPEAKER	

Please FAX the following information to
Brenda Usilton at (301) 415-3502
by 5 pm (EDT) November 15, 1996

Course or Workshop: Health Physics Technology (H-201)

Dates: December 2-13, 1996

Travel: December 1 and 13

Location: NRC Technical Training Center, Chattanooga, TN

NAME: _____

BUSINESS
ADDRESS: _____

WORK PHONE NUMBER: _____

SS#: _____ - _____ - _____

Departure City (airport): _____

Date of Departure (if not Dec 01): _____

Please provide reason: _____

Date of Return (if not Dec 13): _____

Please provide reason: _____

Cost of Airfare (from Carlson Travel): _____

If you are driving indicate roundtrip miles: _____

Lodging Arrangements Made: (Yes) (No) _____

FAX INFORMATION

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF STATE PROGRAMS
MAIL STOP 3 D 23
WASHINGTON, D.C. 20555

STATE PROGRAMS FAX: (301) 415-3502
USNRC MAIN FAX: (301) 415-2260/1137/2259

NUMBER OF PAGES: 10 including this page

DATE: NOVEMBER 10, 1996

TO: RADIATION CONTROL PROGRAM DIRECTORS IN
AGREEMENT STATES, MASSACHUSETTS, OHIO, OKLAHOMA, PENNSYLVANIA

NRC REGIONAL STATE AGREEMENTS OFFICERS
NRC REGIONAL STATE LIAISON OFFICERS

FROM: PAUL H. LOHAUS, DEPUTY DIRECTOR
OFFICE OF STATE PROGRAMS

SUBJECT: SP-96-116 ACCEPTANCE TO HEALTH PHYSICS TECHNOLOGY COURSE
(H-201)

VERIFICATION NO.: 301-415-3340

< TRANSACTION REPORT >

11-13-1996(WED) 16:09

[TRANSMIT]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
30037	11-13	16:04	904 487 0435	10	0' 04' 39"	NORM.E	OK
			<i>Atsuta - 11/13</i>	10	0' 04' 39"		

< TRANSACTION REPORT >

11-10-1996(SUN) 20:38

[BROADCAST]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29954	11-10	18:15	610 337 5324	10	0° 04' 25"	NORM.E	OK
29955		18:19	404 331 5559	10	0° 05' 30"	NORMAL	U008
			ERROR PAGE:05				
29956		18:25	7085151096	9	0° 09' 26"	NORM.E	U010
29957		18:35	817 860 8122	10	0° 04' 23"	NORM.E	OK
29958		18:40	5109750381	10	0° 04' 39"	NORM.E	OK
29959		18:45	334 613 5387	10	0° 08' 04"	NORM.E	OK
29960		18:53	6024370705	10	0° 05' 50"	NORMAL	OK
29961		18:59	ARKANSAS	10	0° 04' 26"	NORM.E	OK
29962		19:04	0111916 3243610	10	0° 04' 25"	NORM.E	OK
29963		19:09	303 782 5083	10	0° 04' 48"	NORM.E	OK
29964		19:15	404 362 2653	10	0° 07' 36"	NORM.E	OK
29965		19:23	217 524 4724	10	0° 04' 29"	NORM.E	OK
29966		19:28	515 242 6284	10	0° 04' 27"	NORM.E	OK
29967		19:33	913 296 0984	10	0° 04' 54"	NORM.E	OK
29968		19:38	502 564 6533	10	0° 04' 28"	NORM.E	OK
29969		19:43	LOUISIANA	10	0° 04' 56"	NORM.E	OK
29970		19:48	MAINE	10	0° 05' 43"	NORMAL	OK
29971		19:54	4106313198	10	0° 05' 48"	NORMAL	OK
29972		20:00	601+354+6167	10	0° 06' 10"	NORMAL	OK
29973		20:07	402 471 0820	10	0° 04' 21"	NORM.E	OK
29974		20:11	7026875751	10	0° 06' 10"	NORMAL	OK
29975		20:18	603 225 2325	10	0° 04' 31"	NORM.E	OK
29976		20:23	5058271544	10	0° 05' 47"	NORMAL	OK
29977		20:29	518 458 6434	10	0° 04' 28"	NORM.E	OK
29978		20:34	919 571 4148	10	0° 04' 26"	NORM.E	OK
				249	2° 14' 10"		

< TRANSACTION REPORT >

11-10-1996(SUN) 22:38

[BROADCAST]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29979	11-10	20:39	701 328 5200	10	0'04'30"	NORM.E	OK
29980		20:44	503 731 4081	10	0'04'21"	NORM.E	OK
29981		20:48	401 277 2456	10	0'07'57"	NORM.E	OK
29982		20:57	803 737 7412	10	0'06'41"	NORM.E	OK
29983		21:04	615 532 7938	10	0'04'27"	NORM.E	OK
29984		21:08	5128346708	10	0'05'14"	NORM.E	OK
29985		21:14	801 533 4097	10	0'05'08"	NORM.E	OK
29986		21:19	360 753 1496	10	0'04'26"	NORM.E	OK
29987		21:24	518 457 2225	10	0'04'30"	NORM.E	OK
29988		21:29	518 457 5545	10	0'04'58"	NORM.E	OK
29989		21:34	NYCITY RADIOL HLTH	10	0'05'52"	NORMAL	OK
29990		21:41	502 227 7862	10	0'04'50"	NORMAL	OK
29991		21:46	AECB (613) 995-5086	10	0'04'48"	NORMAL	OK
29992		21:51	202 727 7780	10	0'04'22"	NORM.E	OK
29993		21:56	7996726	10	0'04'25"	NORM.E	OK
29994		22:00	217 782 1328	10	0'05'09"	NORM.E	OK
29995		22:06	512 233 6383	10	0'04'31"	NORM.E	OK
29996		22:11	4024714840	10	0'05'44"	NORMAL	OK
29997		22:17	912 262 3143	10	0'04'46"	NORMAL	OK
29998		22:38	FLORIDA	0			U000
				190	1'36'39"		

< TRANSACTION REPORT >

11-10-1996(SUN) 15:17

[BROADCAST]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29950	11-10	14:57	OHIO	10	0° 04' 27"	NORM.E	OK
29951		15:02	PENNSYLVANIA	10	0° 04' 27"	NORM.E	OK
29952		15:07	405 271 8425	10	0° 04' 21"	NORM.E	OK
29953		15:11	MASSACHSETTS	10	0° 05' 15"	NORM.E	OK
				40	0° 18' 30"		

< TRANSACTION REPORT >

11-10-1996(SUN) 14:40

[TRANSMIT]

NO.	DATE	TIME	DESTINATION STATION	PG.	DURATION	MODE	RESULT
29949	11-10	14:36	518 862 1091	10	0°04'42"	NORM.E	OK
			<i>Spain</i>	10	0°04'42"		