# Department of Energy
Germantown, MD 20874-1290

APR 11 1997

Mr. John Greeves
Acting Director
Division of Waste Management
Office of Nuclear Materials
  Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C.  20555

Dear Mr. Greeves:

The U.S. Department of Energy (DOE) has developed the RESidual RADioactivity (RESRAD) computer code for the evaluation of radioactively contaminated sites.  Pursuant to the telephone discussions of our staffs, DOE will sponsor a RESRAD training workshop jointly with the U.S. Nuclear Regulatory Commission (NRC) to be held at the NRC computer training facility in Rockville, Maryland.  In addition, DOE and NRC will jointly sponsor two training workshop at the NRC computer training facility for the RESRAD-Build computer code.

The purpose of this letter is to confirm the following arrangements for the workshops:

- The workshops will be jointly sponsored by DOE and NRC.

- NRC will furnish the use of its computer training facility without cost to DOE.  DOE will provide the computer training facility for the Argonne workshop without cost to NRC.

- The instruction and workshop materials will be furnished by DOE through Argonne National Laboratory (ANL), under the direction of Dr. Ernesto Faillace.

- Each sponsor will pay the travel costs associated with the travel of its own personnel.

- The workshops will be conducted from July 29 until August 1, 1997, in the 2 White Flint North Building at 11545 Rockville Pike in Rockville, Maryland.

- The RESRAD workshop will begin at 8:00 a.m. on July 31 and continue until noon on August 1.

- The first RESRAD-Build workshop will begin at 8:00 on July 29 and continue all day.  The second RESRAD-Build workshop will begin at 8:00 on July 30 and continue all day.

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- The workshops will use code versions developed for the WINDOWS operating system, and attendees should have experience with WINDOWS.

- Attendance at the workshops shall be limited to employees of DOE, NRC, and other Federal, State, and local agencies. Contractor personnel may attend provided that their attendance is sponsored by one of the above organizations.

- NRC will furnish travel information for out-of-town attendees. NRC will provide administrative assistance for building access for attendees and training equipment.

I have enclosed agenda for the workshops for your information and use.

If you have any questions, please contact me at 301-903-2328. The point-of-contact on my staff is Dr. W. Alexander Williams (301-903-8149).

Sincerely,

William E. Murphie
Acting Director
Office of Eastern Area Programs
Office of Environmental Restoration

Enclosure

cc:   E. Faillace, ANL

# RESRAD WORKSHOP

February 3-4, 1997
Rockville, MD

## February 3

| | | |
|---|---|---|
| 1:30-1:50 PM | Opening Remarks | Williams |
| 1:50-2:15 PM | Overview of RESRAD | Faillace |
| 2:15-3:15 PM | RESRAD Input Demonstration | LePoire |
| 3:15-3:20 PM | Break | |
| 3:30-3:45 PM | RESRAD Output Demonstration | LePoire |
| 3:45-4:30 PM | Hands-on Experience | |

## February 4

| | | |
|---|---|---|
| 8:00-8:20 AM | RESRAD Family of Code | Yu |
| 8:20-8:50 AM | RESRAD Methodology | Faillace |
| 8:50-9:30 AM | Hands-on Experience | |
| 9:30-10:15 AM | RESRAD Methodology (continued) | Faillace |
| 10:15-10:30 AM | Break | |
| 10:30-11:00 AM | RESRAD Data Requirements | LePoire |
| 11:00-11:45 AM | Hands-on Experience | |
| 11:45-1:00 PM | Lunch | |
| 1:00-1:30 PM | RESRAD Sensitivity Analysis | Faillace |
| 1:30-2:30 PM | Hands-on Experience | |
| 2:30-3:15 PM | Problem Solving - An Example | Faillace/Williams/LePoire |
| 3:15-3:30 PM | Break | |
| 3:30-3:45 PM | RESRAD Verification and Validation | Faillace |
| 3:45-4:30 PM | Hands-on Experience/Course Evaluation | |

# RESRAD WORKSHOP

February 6-7, 1997
Rockville, MD

## February 6

| | | |
|---|---|---|
| 8:00-8:20 AM | Opening Remarks | Williams |
| 8:20-8:40 AM | RESRAD Family of Codes | Yu |
| 8:40-9:05 AM | Overview of RESRAD | Faillace |
| 9:05-10:05 AM | RESRAD Input Demonstration | LePoire |
| 10:05-10:20 AM | Break | |
| 10:20-10:35 AM | RESRAD Output Demonstration | LePoire |
| 10:35-11:35 AM | Hands-on Experience | |
| 11:35-1:00 PM | Lunch | |
| 1:00-1:30 PM | RESRAD Methodology | Faillace |
| 1:30-2:15 PM | Hands-on Experience | |
| 2:15-3:00 PM | RESRAD Methodology (continued) | Faillace |
| 3:00-3:15 PM | Break | |
| 3:15-3:45 PM | RESRAD Data Requirements | LePoire |
| 3:45-4:30 PM | Hands-on Experience | |

## February 7

| | | |
|---|---|---|
| 8:00-8:30 AM | RESRAD Sensitivity Analysis | Faillace |
| 8:30-9:30 AM | Hands-on Experience | |
| 9:30-10:15 AM | Problem Solving - An Example | Faillace/Williams/LePoire |
| 10:15-10:30 AM | Break | |
| 10:30-10:45 AM | RESRAD Verification and Validation | Faillace |
| 10:45-12:00 AM | Hands-on Experience/Course Evaluation | |