

Attached list for R. Whitfield letter dated _____

Dr. Andrew Wallo, III
EH-232
Office of Environmental Guidance
U.S. Department of Energy
Washington, D.C. 20585

Dr. Alexander Williams
EM-421
Office of Environmental Restoration
U.S. Department of Energy
Washington, D.C. 20585

Dr. Charlie Yu
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

Mr. Raymond P. Berube
Deputy Assistant Secretary
for Environment
U.S. Department of Energy
Washington, DC 20585

Ms. Jill Lytle
Deputy Assistant Secretary
for Waste Management
U.S. Department of Energy
Washington, DC 20585

Mr. Roger P. Whitfield
 Deputy Assistant Secretary
 for Environmental Restoration
 U.S. Department of Energy
 Washington, DC 20585

Dear Mr. Whitfield:

I made a commitment to Dr. Alexander Williams, of your staff, at an October 7, 1993, interagency meeting, to document the U.S. Nuclear Regulatory Commission's use of the RESRAD radiological dose assessment code. To date, NRC has approved the following uses of the RESRAD code:

- (1) Dose evaluations by licensees involved in decommissioning;
- (2) NRC staff evaluations of licensee waste disposal requests; and
- (3) Dose evaluations of sites being reviewed by NRC staff.

In addition to these aforementioned uses, the staff has referenced the RESRAD code in a draft technical position entitled, "Site Characterization for Decommissioning Sites."

NRC sponsors RESRAD workshops with the U.S. Department of Energy (DOE), to train NRC staff in the use of the code. The NRC Office of State Programs also sponsors RESRAD training for Agreement State personnel. I appreciate DOE's support of the NRC staff's learning and use of the RESRAD code, and would also like to acknowledge DOE's prompt response to our request to add specific radionuclides to the code.

NRC has found the RESRAD code helpful in evaluating radiological doses for the various actions noted above. If you have any questions about NRC's use of the RESRAD code, please contact either Mike Weber or Jack Parrott, of my staff, at 301-504-1298, or 301-504-2565, respectively.

Sincerely,

Robert M. Bernero, Director
 Office of Nuclear Material Safety
 and Safeguards

cc: Attached list

* - see previous concurrence

OFC	LLDR*	c	LLDR*	c	LLDR	LLDR	LLWM	NMSS
NAME	JPARROTT/CV		MWEBER		VBELL	JAUSTIN	JGREEVES	RBERNERO
DATE	3/17/94		3/17/94		3/22/94	/ /94	/ /94	/ /94

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Ms. Jill Lytle
 Deputy Assistant Secretary
 for Waste Management
 U.S. Department of Energy
 Washington, DC 20585

Dear Ms. Lytle:

At the interagency meeting, held between the U.S. Nuclear Regulatory Commission and the U.S. Department of Energy on October 7, 1993, a commitment was made by NRC to describe, in writing to DOE, a summary of the NRC staff's position on the use of the RESRAD dose assessment code. As stated in the meeting, the NRC has approved the use of the RESRAD code by various decommissioning licensees and has used the code for the evaluation of radiological dose at a number of decommissioning sites. In addition, the NRC has recognized the code in the draft technical position on *Site Characterization for Decommissioning Sites*. The code was also used by NRC to evaluate various waste disposal requests by licensees.

NRC continues to hold RESRAD Workshops jointly with DOE in an effort to train NRC employees in the use of the RESRAD code. In addition, NRC's Office of State Programs sponsors Agreement State personnel who wish to attend RESRAD workshops. I would also like to acknowledge the fact that, in response to a request from my office to add specific radionuclides to the RESRAD code, DOE has added a partial list of the requested radionuclides. The remainder of the radionuclides requested are being added to a special version of the code currently under development.

The NRC has found the RESRAD code useful for evaluating radiological doses for the various actions described above. If you have any questions on NRC's use of the RESRAD code, please contact Mike Weber or Jack Parrott, of my staff, at 301-504-1298 or 301-504-2565, respectively.

Sincerely,

Robert M. Bernero, Director
 Office of Nuclear Material Safety
 and Safeguards

cc: A. Wallo, DOE
 W. A. Williams, DOE
 C. Yu, ANL

OFC	LLDR <i>MC</i>	LLDR <i>C</i>	LLDR	LLDR	LLWM	NMSS
NAME	JPARROTT/CV	MWEBER <i>M</i>	LBELL	JAUSTIN	JGREEVES	RBERNERO
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