



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

July 16, 1992

Docket No. 50-47

Major James T. Naughton, OD
Deputy Director/Commander
Department of the Army
U.S. Army Laboratory Command
Materials Technology Laboratory
Watertown, Massachusetts 02172-0001

Dear Major Naughton:

SUBJECT: CHANGES TO DECOMMISSIONING PLAN

This is in response to your letter of June 23, 1992, in which you request permission to make two changes to the Decommissioning Plan for U.S. Army Materials Technology Laboratory Research Reactor (Decommissioning Plan). You were ordered to dismantle the U.S. Army Materials Technology Laboratory Research Reactor in accordance with the Decommissioning Plan on June 3, 1992.

The first requested change is to use protective clothing that can be laundered instead of disposable protective clothing. The use of disposable protective clothing was stated in the Decommissioning Plan to minimize the amount of liquid waste generated on site. The protective clothing would be shipped offsite in accordance with NRC and DOT regulations to a licensed contaminated clothing laundry. Minimizing the quantity of disposable protection clothing by laundering and reusing protective clothing will reduce the amount of dry radioactive waste generated during the decommissioning. Because this change does not increase the amount of liquid waste generated on site, this change does not change the basis of the staff's approval of the Decommissioning Plan and is, therefore, acceptable to the staff.

The second requested change is to remove the cistern at the end of the dismantling process instead of the beginning of the process as spelled out in the Decommissioning Plan. This change is requested because the excavation needed to remove the cistern would interfere with access to the containment building. Removal of the cistern was scheduled at the beginning of the decommissioning process to gather information on subsurface conditions and possible soil contamination around the cistern. You propose instead to drill auger holes around the cistern and to isotopically analyze the soil samples. Because the same information will be gathered at the same point in the decommissioning process, this change does not change the basis of the staff's approval of the Decommissioning Plan and is, therefore, acceptable to the staff.

NRC FILE CENTER COPY

9207230177 920716
PDR ADDCK 05000C47
P PDR

QF01
110

July 16, 1992

Major James Naughton

- 2 -

The staff has determined that these changes do not affect the conclusion of the staff that the dismantling and decommissioning operations can be conducted without undue risk to the health and safety of the workers or the public and without any significant impact on the environment.

If you have any questions concerning these changes to your Decommissioning Plan, please contact Alexander Adams at 301-504-1127.

Sincerely,

Original signed by:

Seymour H. Weiss, Director
Non-Power Reactors, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

cc: See next page

DISTRIBUTION:

Docket file 50-47
NRC & Local PDRs
PDNP r/f
BBoger
SWeiss
EHylton
AAdams
OGC
ACRS (10)
Region I

[NAUGHTON.AA]

PDNP:LA
EHylton
7/1/92

PDNP:PM
AAdams
7/1/92

PRPB:NR
LCunningham
7/2/92

OGC
JH
7/9/92

PDNP:D
SWeiss
7/15/92

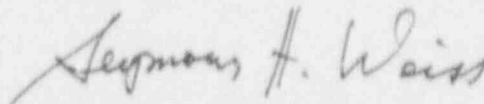
Major James Naughton

- 2 -

The staff has determined that these changes do not affect the conclusion of the staff that the dismantling and decommissioning operations can be conducted without undue risk to the health and safety of the workers or the public and without any significant impact on the environment.

If you have any questions concerning these changes to your Decommissioning Plan, please contact Alexander Adams at 301-504-1127.

Sincerely,



Seymour H. Weiss, Director
Non-Power Reactors, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

cc: See next page

U.S. Army Materials Technology
Laboratory

Docket No. 50-47

cc:

Commander
U.S. Army Materials Technology
Laboratory
ATTN: SLCMT-DB (Mr. Silvio Graziadei)
Arsenal Street
Watertown, Massachusetts 02172-0001

Commander
U.S. Army Toxic and Hazardous Materials
Agency
ATTN: CETHA-BC (Mr. Salvatore Torrisi)
Aberdeen, Maryland 21010-5401
(Proving Ground)

Commander
U.S. Army Corps of Engineers, New
England Division
ATTN: CENED-PD-L
(Mr. Dennis Waskiewicz)
424 Trapelo Road
Waltham, Massachusetts 02254-0149

Headquarters, Department of the
Army
ATTN: SAILE-ESOH
(Colonel Chris Conrad)
Washington, D.C. 20310-0110

Mr. Robert M. Hallisey, Director
Radiation Control Program
Department of Public Health
The Commonwealth of Massachusetts
150 Tremont Street
Boston, Massachusetts 02111

Ms. Anne Ferm
Environmental Protection Agency
JFK Federal Building (PAS)
Boston, Massachusetts 02203

Ms. Anne Malewicz
Department of Environmental Protection
Bureau of Waste Site Clean-Up
1 Winter Street
5th Floor
Boston, Massachusetts 02108