



REPLY TO
THE ATTENTION OF

Commander

DEPARTMENT OF THE ARMY
U.S. ARMY RESEARCH LABORATORY
ARSENAL STREET
WATERTOWN, MASSACHUSETTS 02172-0001
30 March 1993



License No. R-65
Docket No. 50-47

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Dear Sir,

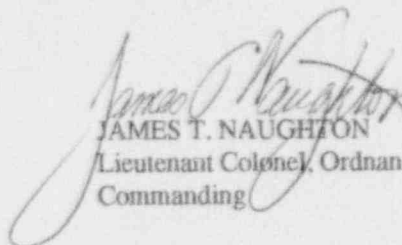
On June 3, 1992, the Commission issued the Order that authorizes facility dismantling and disposition of component parts for the U.S. Army Materials Technology Research Reactor, Amended Facility License No. R-65, in accordance with the application dated October 8, 1991, as supplemented on March 16, 1992, and March 31 1992. In accordance with this Order, the enclosed Army Materials Technology Research Reactor Decommissioning Final Survey Report, March 1993, is provided to confirm that radiation and surface contamination levels in the facility area satisfy the values specified in the Decommissioning Plan and in the Commission's guidance.

The U.S. Army Environmental Hygiene Agency (AEHA), Aberdeen Proving Ground, Maryland, reviewed the Final Survey Report in accordance with the Decommissioning Plan. In addition to this review, AEHA performed an independent verification survey of the reactor building and associated site. Enclosed is the summary of the review and verification survey. The final report will be forwarded as soon as it is available.

The results of all measurements taken during the final survey are below NRC guideline values for release for unrestricted use. Therefore, it can be concluded that the requirements of the Decommissioning Plan and the NRC acceptance criteria to terminate the possession-only license have been met, that the reactor facility and site are suitable for release for unrestricted use and that Amended Facility License R-65 can be terminated.

Please contact Mr. Peter F. Cornetta, (617)923-5225 or CPT Joy R. Howard, (617)923-5478 if you have any questions or comments regarding this matter.

Enclosures


JAMES T. NAUGHTON
Lieutenant Colonel, Ordnance Corps
Commanding

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PDR ADOCK 05000047
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Copy Furnished (with enclosures):

Mr. Tom Dragoun
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pa 19406

Mr. Robert M. Hallisey, Director
Radiation Control Program
305 South Street
Department of Public Health
The Commonwealth of Massachusetts
Boston, MA 02130

Ms. Helen Waldorf
Bureau of Waste Site Clean-Up
1 Winter Street
Department of Environmental Protection
The Commonwealth of Massachusetts
Boston, MA 02108

Ms. Anne Fenn
Environmental Protection Agency
JFK Building (PAS)
Boston, MA 02203

Commander
U.S. Army Materiel Command
ATTN: AMCSF-P (Mr. John Manfre)
5001 Eisenhower Avenue
Alexandria, VA 22333-0001

Commander
U.S. Army Research Laboratory
ATTN: AMSRL-OP-IL & S (Mr. M. Borisky)
2800 Powder Mill Road
Adelphi, MD 20783-1145

Commander
U.S. Army Environmental Hygiene Agency
ATTN: HSHB-MR-HI (Harris Edge)
Aberdeen Proving Ground, MD 21010-5422

Headquarters
Department of the Army
ATTN: DACS-SF (COL Raho)
Washington, D.C. 20310-0200

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HQDA (SAILE-ESOH/Mr. Lewis Walker), Washington, D.C. 20310-0110
HQDA (DACS-DMB/MAJ McGahey), Washington, D.C. 20310-0200
Commander, U.S. Army Materiel Command, ATTN: AMCMM-O (Ms. J. Gillen),
5001 Eisenhower Avenue, Alexandria, VA 22333-0001
Commander, U.S. Army Laboratory Command, ATTN: AMSLC-MC (Ms. Anne Barnette),
2800 Powder Mill Road, Adelphi, Ma 20783-1145
Commander, U.S. Corps of Engineers, ATTN: CEMP-RI (Mr. J. Shearer),
20 Massachusetts Avenue, N.W. Washington, D.C. 20314-1000
Commander, U.S. Army Corps of Engineers, New England Division,
ATTN: CENED-PD-L (Mr. D. Waskiewicz), 424 Trapello Road, Waltham, Ma 02254-9149
Commander, Army Environmental Center, ATTN: ENAEC-BC-B (Mr. M. Mahoney), Bldg 4480,
Aberdeen Proving Ground, MD 21010-5408

State of Ma County of Middlesex

Signed before me on this 30th day of March,

1993 by James T. Naughton

Notary Public Thomas R. O'Connell

My commission expires 12/31/1995



DEPARTMENT OF THE ARMY
U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY
ADELPHI PROVING GROUND, MARYLAND 21010-6422



REPLY TO
ATTENTION OF

HSHB-MR-HI (40)

MEMORANDUM FOR Commander, U.S. Army Materials Technology
Laboratory, ATTN: LTC James Naughton,
Watertown, Massachusetts 02172-0001

SUBJECT: Preliminary Findings for the Verification Survey
Performed on the Materials Technology Laboratory Research Reactor
Facility

1. References:

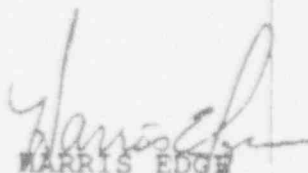
- a. NUREG/CR-5849, Manual for Conducting Radiological Surveys in Support of License Termination, June 1992.
 - b. Code of Federal Regulations, Title 10, Parts 0 to 50, Revised as of January 1, 1992.
 - c. Regulatory Guide 1.86, Termination of Operating License for Nuclear Reactors, June 1974.
 - d. Code of Federal Regulations, Title 10, Parts 51 to 199, Revised as of January 1, 1992.
2. The U.S. Army Environmental Hygiene Agency (USAEHA) has completed a verification survey of all areas within Building 100, Cistern 242, and the secondary coolant system ground area.
3. The verification survey consisted of an independent survey of 10 percent of areas surveyed by SEG to include biased sampling.
4. Preliminary results indicate that all measurements and samples taken for the verification survey are below NRC guideline values for release of the areas outlined in paragraph 2, for unrestricted use.

HSHB-MR-H

SUBJECT: Preliminary Findings for the Verification Survey
Performed on the Materials Technology Laboratory Research Reactor
Facility

5. It is our understanding that the ground around the reactor facility is not considered in the area to be released for unrestricted use. The ground area reverts back to control under the facility license and will be released when that license is terminated.

FOR THE COMMANDER:



HARRIS EDGE
Chief, Industrial Health
Physics Branch
Health Physics Division