



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF

JUN 19 1985

5-HR 11

Mr. Clarence Oster
Plant Engineer
Twin Cities Army Ammunition Plant
New Brighton, Minnesota 55112

Dear Mr. Oster,

Enclosed please find the radiation sample results that were collected as split samples by the Minnesota Pollution Control Agency (MPCA) for the U.S. Environmental Protection Agency (EPA). Please note that the sample taken from well S18U3 had Cobalt-60 levels at 2.4000 E+00 pCi/l. Cesium-137, Cobalt-60, among other radioactive compounds were permitted by license for use at the Twin Cities Army Ammunition Plant according to the Nuclear Regulatory Commission. During a telephone conversation on 6/5/85 with Mr. John Sanda of the U.S. Army Toxic and Hazardous Materials Agency, Mr. Sanda stated that well S18U3 is an on-base well of approximately a 140 foot depth. According to Mr. Larry Jensen of the Air and Radiation Branch of the U.S. EPA, Cobalt-60 is man-made and is not a naturally occurring substance in nature.

It is requested that a follow-up Army investigation be conducted to verify these sample results and to determine if this is a beginning edge of another contamination plume.

If you have any questions or comments, please call me at (312) 886-9292 or Mr. Larry Jensen at (312) 886-6175.

Sincerely yours,

A handwritten signature in cursive script that reads "Karen Waldvogel".

Karen Waldvogel, Engineer
Remedial Response Branch

cc: Larry Jensen, 5AR, EPA
Babette Neuberger, 5C, EPA
Douglas Day, MPCA
Paul Goodreault, MPCA
Ted Schulte, TCAAP
Bill Wyatt, AAMCCOM
Andy Anderson, USATHAMA
✓ Darryl Wiedeman, NRC
L. D. Walker, Pentagon
Kitty Taimi, EPA-HQ
Mike Kilpatrick, EPA-HQ

JUN 20 1985