

CABOT

October 8, 1991

Keith McDaniel
Uranium Fuel Licensing Branch
NMSS
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Ref: License SMB-920
Docket 40-6940
Expiration Date 12/31/88
Application for Renewal received 11/23/88

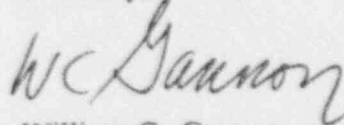
Dear Keith:

In accordance with our NRC License SMB-920, Section 21, we are required to report results of fluoride analysis of forage crops if "the average fluoride concentration exceeds 40 ppm". We sample the east side of County Line Road.

Enclosed are copies of this years results performed by Environmental Strategies, Inc. The average for the ten (10) samples of corn leaves and grass in our plant area is 104 ppm.

A detail map of the sites tested is enclosed. If you have any questions, please call.

Sincerely,



William C. Gannon
Radiation Safety Officer

jle/NRC1.ltr

Enclosure

cc: AT Campitelli
JR Shope
JM Franey
NC Feola
N. Roa Kona - Norristown Regional Air Pollution Control Eng.

Cabot Corporation
County Line Road
Boyertown, Pennsylvania 19512
Phone 215 367 2181

9303300312 930216
PDR FOIA
HUNTER92-601 PDR

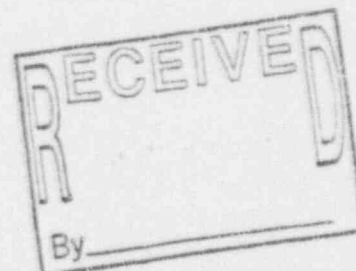
B/3



ENVIRONMENTAL STRATEGIES INCORPORATED

309 THE PARKWAY • ITHACA, NEW YORK 14850 • (607) 272-6155

(607) 257-2281



July 29, 1991

Cabot Corporation
County Line Road
Boyertown, PA 19512
Attn: W. C. Gannon

Results of fluoride analysis of grass samples received at Ithaca on May 29, 1991 are given below. Values are ppm F or μg F per gram dry mass.

Re: P.O.# 180970

<u>SAMPLE ID</u>	<u>FLUORIDE CONC</u>
DRY GRASS #1	34.5
#2	41.5
#3	55.2
#4	62.1

The invoice for these analyses is enclosed.

48.3 wzy

Sincerely yours,

David C. MacLean

Copy

ESI

AIR

SMB 920

T Compitelli

JR Shope

Chiron

Effe

WATER
TOWER

CABOT PROPERTY

Grass Samples
May 1991
WCY

FIELD

#4

DRIVE WAY

FARM
HOUSE

#3

#2

#1

County line Rd

F. Schlegel's

dry vegetation @ 80°C



ENVIRONMENTAL STRATEGIES INCORPORATED

309 THE PARKWAY • ITHACA, NEW YORK 14850 • (607) 272-6755

(607) 257-2281

September 30, 1991

Cabot Corporation
County Line Road
Boyertown, PA 19512
Attn: W. C. Gannon

Results of fluoride analysis of forage (corn) samples received at Ithaca on 24 August 1991 are given below. Values are ppm F or μg F per gram dry mass.

Re: P.O.# 181826

<u>SAMPLE ID</u>	<u>FLUORIDE CONC</u>
#1	227
#2	146
#3	161
#4	157
#5	100
#6	164

Our invoice for these analyses is enclosed.

$\frac{159.2 \text{ avg} + 48.3 \text{ avg}}{2} = 104$

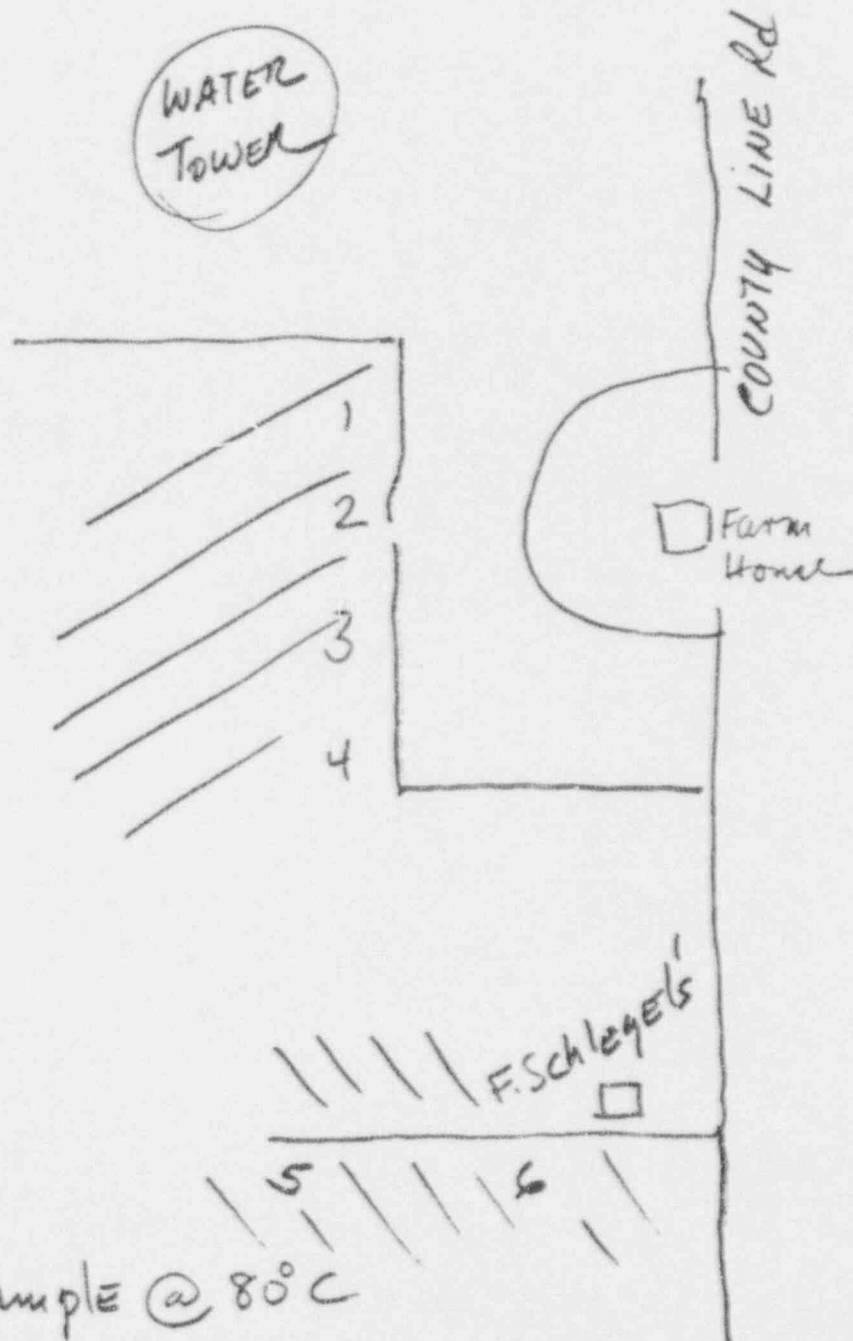
Sincerely yours,

David C. MacLean

Copy
ESI
AIR.2
SMB 920
T Campitelli
JR Shoppe
Chrom
EJC

Forage Crop Corn LEAVES
WCB/N.F.

8/8/91



dry corn sample @ 80°C

send sample to ESI for F-analysis