

CABOT RETURN TO 396-SS

November 5, 1987

40-6940

Ms. Mary Horn, Uranium Fuel Licensing Branch
USNRC
Washington, DC 20555

RE: License SMB 920
Docket 40-6940
Exp. Date 12/31/88

cc: N. Rau Kona
Norristown Regional Air Pollution Control Engineer
Pennsylvania Department of Environmental Resources
1875 New Hope Street
Norristown, PA 19401



Dear Ms. Horn:

In accordance with our NRC License SMB 920, we are required to report results of fluoride analysis on forage crops if "the average fluoride concentration exceeds 40 ppm". Our required sampling locations are to the East side of County Line Road (labeled) as shown on the attached plant map (Attachment 1).

I am enclosing copies of the analysis performed by Environmental Strategies Inc. (Attachment 2). The average fluoride for the six samples is 45.6 ppm. As before stated by ESI an estimate of analytical variation of $\pm 10\%$ is assumed at this level of fluoride.

If there are any questions or any additional information required, please notify me.

Very sincerely,

William C. Gannon

William C. Gannon
Radiation Safety Officer
Cabot Corporation

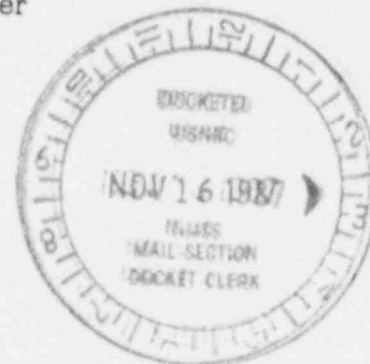
WCG:mrk
4573F
Attachments

RECEIVED
NOV 20 1987

cc: N. C. Feola
R. J. Kresge
L. E. Huber
A. T. Campitelli

FEE NOT REQUIRED
lvf

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



8801200461 871105
PDR ADDCK 04006940
C PDR

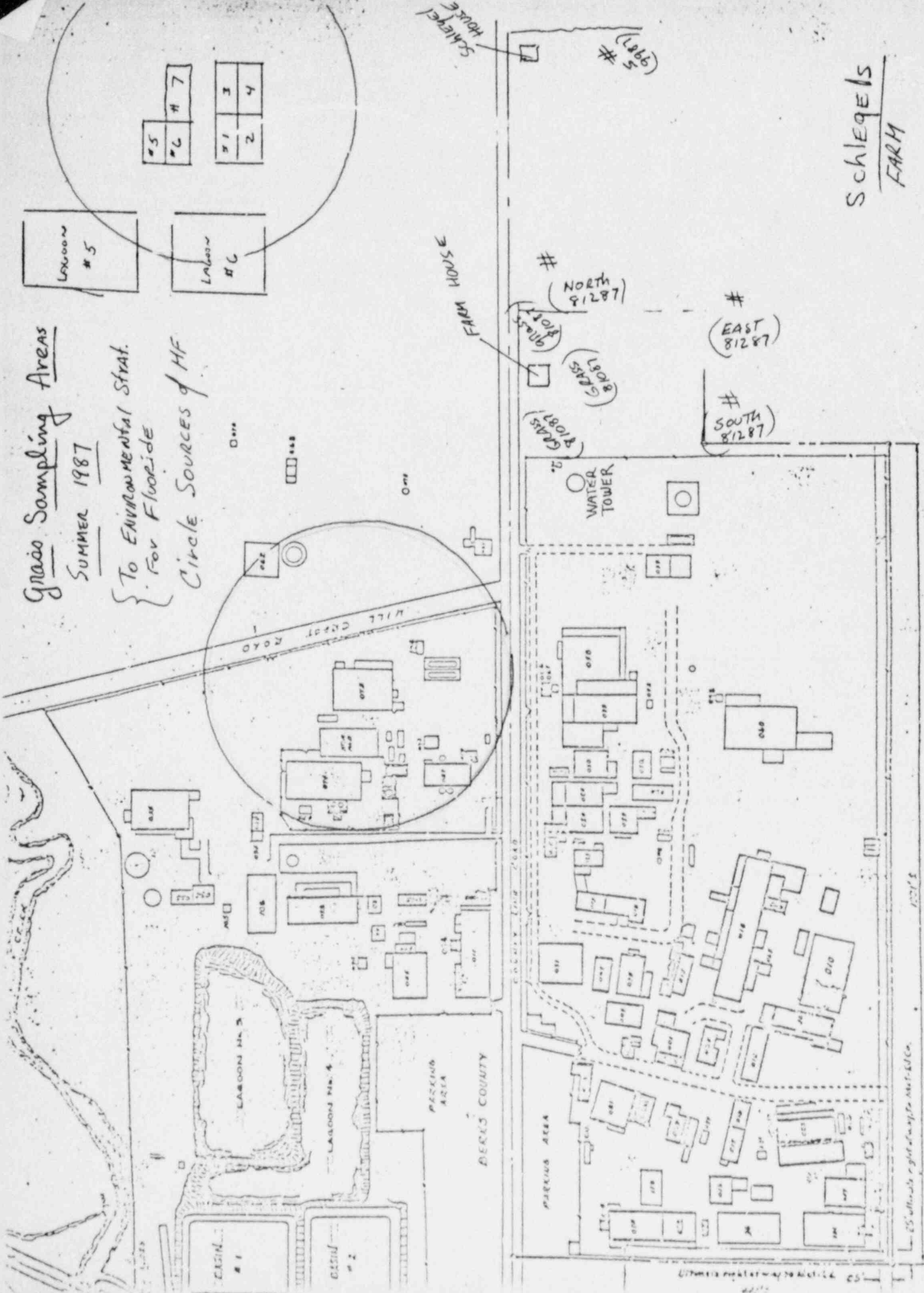
28761

Grass Sampling Areas

SUMMER 1987

TO ENVIRONMENTAL STRAT.
FOR FLORIDE

CIRCLE SOURCES OF HF



SCHLEGELS
FARM

COUSAMPLES

(ATTACHMENT 1)

MOYET'S FARM

Ref. Day 10-12-87-D-429
(MCT. CO. D-423-3-2)

(M 9987) #



ENVIRONMENTAL STRATEGIES INCORPORATED

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

(Attachment 2)

October 8, 1987

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

Dear Mr. Gannon:

The results of fluoride analyses of vegetation samples received at ESI on September 21, 1987 are as follows:

<u>ESI ID</u>	<u>CABOT ID</u>	<u>ppm F</u>
	RE: P.O. #165064	
34846	MOYERS 9987	9.9
34847	SCHLEGEL 9987	54.6

Values are ug F per gram dry mass.

Sincerely yours,

David C. MacLean

Env Sys
SHB 920 Act
T. Campitelli
AIR
F-
CHRON
E/PL



ENVIRONMENTAL STRATEGIES INCORPORATED

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

(Attachment 2)

September 25, 1987

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

Dear Mr. Gannon:

The results of fluoride analyses of vegetation samples sent to ESI are as follows:

<u>ESI ID</u>	<u>CABOT ID</u>	<u>Date rec'd</u>	<u>ppm F</u>
RE: P.O. #164711			
34360	1-Water tower, side farm house	08-19-87	68.7
34361	2-Farm house back	08-19-87	44.7
34362	3-Farm house toward Schlager	08-19-87	58.1
RE: P.O. #164861			
34643	Corn, North	08-27-87	27.2
34644	Corn, South	08-27-87	63.8
34645	Corn, East	08-27-87	38.2

Values are $\mu\text{g F}$ per gram dry mass.

An invoice for these analyses is enclosed.

Sincerely yours,

David C. MacLean

DCM/m

DOCKET NO. 40-6940
CONTROL NO. 28761
DATE OF DOC. 11/05/87
DATE RCVD. 11/16/87
FCUF ☒ PDR ☒
FCAF ☐ LPDR ☐
I & E REF. ☒
SAFEGUARDS ☐
FCTC ☐ OTHER ☐
DATE 11/17/87 INITIAL Cee