

40-6940

CABOT

November 7, 1990

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

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

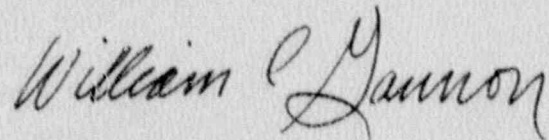
Dear Keith:

In accordance with our NRC License SMB-920, Section 21, we are required to report results of fluoride analysis on forage crops if "the average fluoride concentration exceeds 40 ppm". Our sampling location is on the east side of County Line Road (see enclosed maps).

Enclosed are copies of the analysis performed by Environmental Strategies, Inc. The average fluoride for the eight (8) samples of corn and grass in the plant area is 51.1 ppm.

If there are any questions, please call.

Sincerely,



William C. Gannon
Radiation Safety Officer

WCG/jle
110701/ltr

Enclosures

cc: N. Rao Kona, Norristown Regional
Air Pollution Control Engineer
A. T. Campitelli
J. R. Shope

Cabot Corporation
County Line Road
Boyertown, Pennsylvania 19512
Phone 215-367-2101

9011130294 01107
PDR ADDOCK 4006940
PDC

NF11 1/1



June 18, 1990

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

Results of fluoride analysis of grass samples received at Ithaca on May 25, 1990 are given below. Values are ppm F or $\mu\text{g F}$ per gram dry mass.

Re: P.O. # 177004

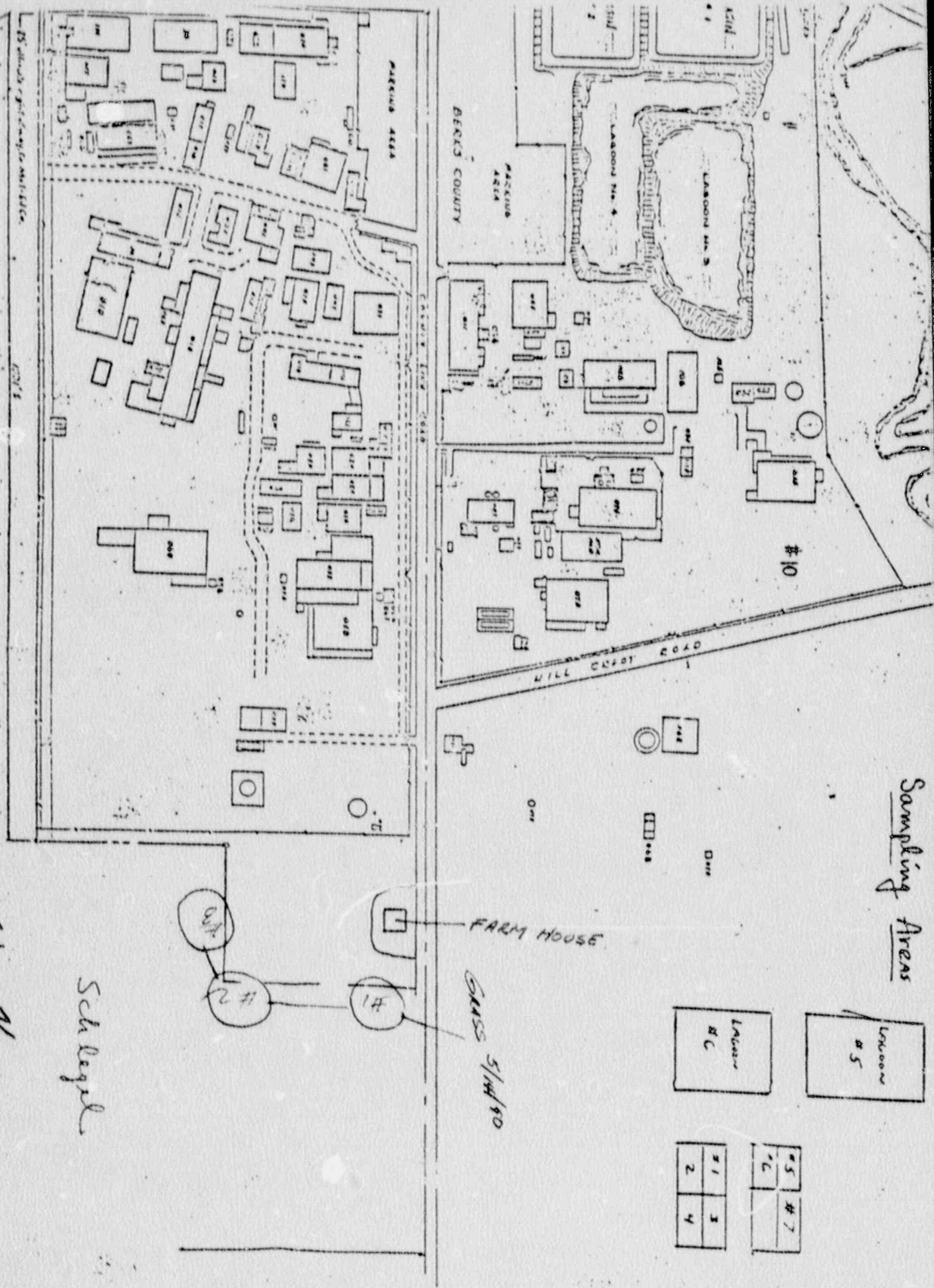
| | <u>SAMPLE ID</u> | <u>FLUORIDE CONC</u> |
|-----|----------------------------|----------------------|
| # 1 | Farm House and County Line | 22.7 |
| 2 | Farm House Rear, East | 28.4 |
| 3 | Farm House Rear, West | 28.9 |

An invoice for these analyses is enclosed.

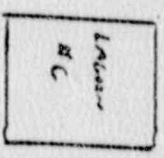
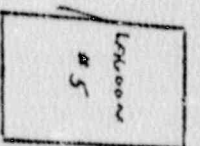
Sincerely yours,

David C. MacLean
 David C. MacLean

Copy
 Tony C
 AIR
 ESI
 CHRON
 EFFI
 SMB920
 JRS
 BJT



Sampling Areas



| | |
|----|----|
| #5 | #7 |
| #C | |

| | |
|----|----|
| #1 | #3 |
| #2 | #4 |

Meyer

Schlegel

BOU SAMPLES

FARM HOUSE

GLASS 5/14/80

#1

#2

#3

#10

MILL CREST ROAD

BERKS COUNTY

PARKING AREA

PARKING AREA

15' sidewalk on east side of Mill Crest Rd.

100' x 100'

CHURCH LANE 2618

100' x 100'

100' x 100'

100' x 100'

100' x 100'

100' x 100'



ENVIRONMENTAL STRATEGIES INCORPORATED

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

copy

ESI
AIR
SMB 920
T. Campitelli
J. R. Shoppe
Chrom
EJL

October 3, 1990

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

Results of fluoride analysis of grass samples received at Ithaca on September 11, 1990 are given below. Values are ppm F or $\mu\text{g F}$ per gram dry mass.

Re: P.O.# 178106

| <u>SAMPLE ID</u> | <u>FLUORIDE CONC</u> |
|--------------------------|----------------------|
| #1 FROM WATER TOWER EAST | 96.6 |
| #2 FROM WATER TOWER EAST | 92.0 |
| #3 FROM WATER TOWER EAST | 58.3 |
| #4 FROM WATER TOWER EAST | 73.5 |
| #5 AT TOWNSHIP LINE ROAD | 8.4 |

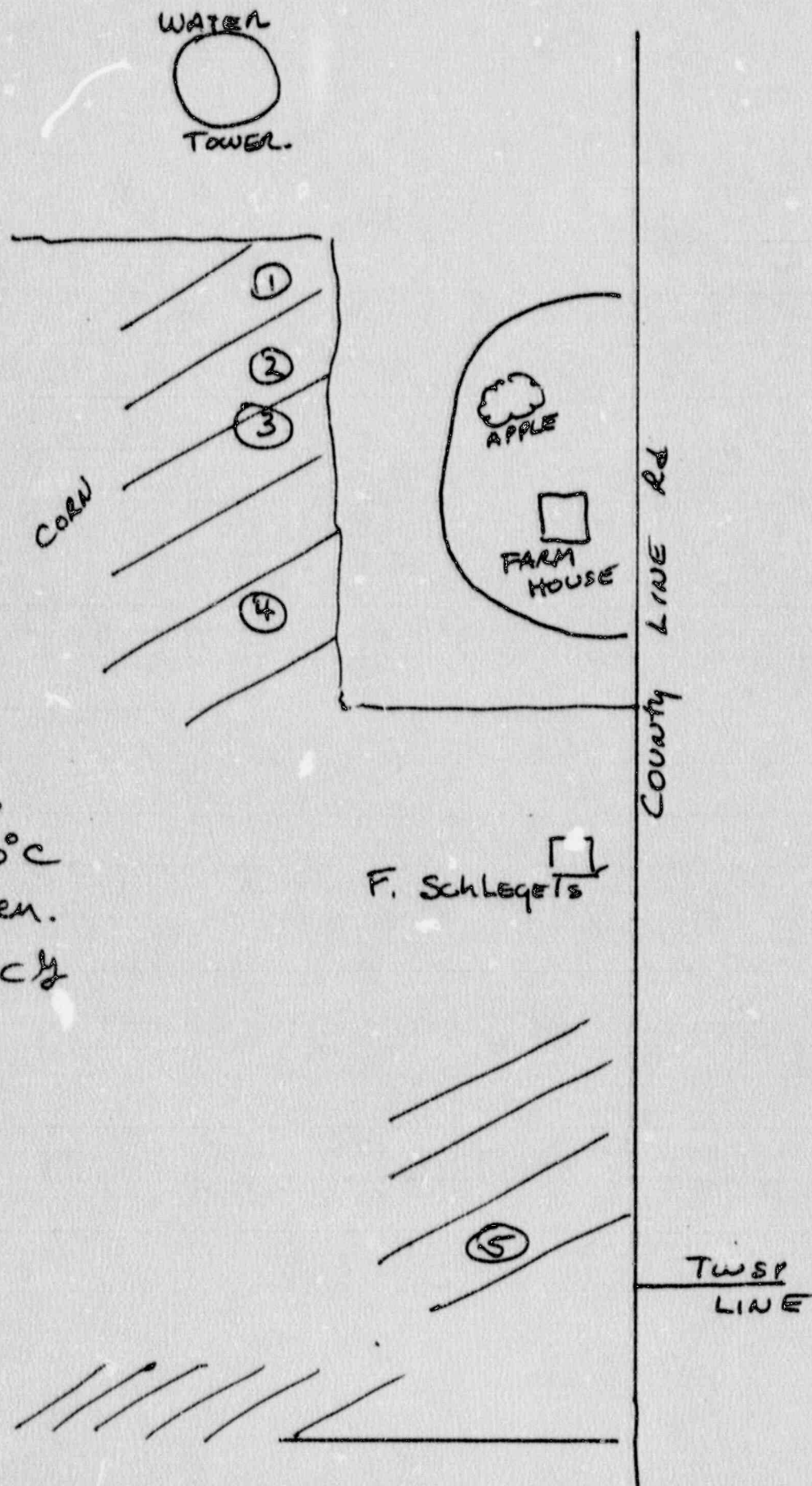
An invoice for these analyses is enclosed.

Sincerely yours,

David C. MacLean

FORAGE CROP CORN LEAVES

8/28/90



dry corn leaves
24 hours at 80°C
in Anal. Lab oven.
WCH



POWER AND PROCESS DIVISION

P.O. BOX 2198 SHAWNEE MISSION, KANSAS 66201. (913) 888-8600

May 25, 1990

Director, Office of Nuclear Material
Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: 10CFR21
Precautionary Report

Re: U. S. Customs Investigation
Bolting Materials
Supplier - Issco, Inc.
Lee's Summit, Missouri

Dear Sir:

Pertaining to the requirements of 10CFR21, we are herein providing notification of an activity which could result in an unknown or suspect condition of bolting materials provided to several operating nuclear power plant facilities. There are at this time, however, no known defective materials or failures to comply regarding any specific instances or observations.

This precautionary report is being submitted as a result of a newspaper article published Friday, May 18, 1990 in the Kansas City Star and brought to my attention on Tuesday, May 22. On that date, I presented the article to Mr. Tom Carlisle, Vice President of Performance Contracting, Inc., and we discussed various actions, itemized below, which we felt are necessary.

The article (copy attached) indicates an apparent suspicion on behalf of the U.S. Customs Department regarding the authenticity and reliability of the bolting materials, the certifications, and the certified material test reports pertaining to products imported and distributed by Issco, Inc. of Lee's Summit, Missouri.

We are a manufacturing and contracting firm engaged in the activity of designing, manufacturing, and furnishing or installing nuclear power plant insulation systems.

IE19
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Safety and Safeguards
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For a period of approximately the past nine years, Issco, Inc. has been considered an approved vendor to our company, during which time we have used their materials within many of our projects, of which some have been designated as safety related and subject to 10CFR21. Such materials may also have been designed into systems requiring seismic design and welding criteria, and would have resulted in our certifications to the nuclear utilities and/or installing contractors.

The nature of a defective bolt or weld nut and the anticipated possible hazard which could be created by part failure would affect the 2 over 1 seismic design criteria specifications for the support structures of our insulation systems applied to containment steam generators, pressurizers, piping and pumps.

The quantity and location of the components is not specifically known at this time; however, an estimate could be as many as one thousand in use at each of possibly fifteen plants.

Although the news article allegations are as yet unproven, we have, however, determined actions to be taken as follows:

1. I had a phone conversation on May 22nd with Mr. Joe Davis, President of Issco, to obtain his comments and perspective regarding the Customs Department's investigation. He seemed a bit defensive but cooperative with my inquiry and some pointed questions. (Phone number 816-525-8889)
2. I had a phone conversation on May 23rd with Mr. Rich Crussel, Chief Investigator with the U.S. Customs Department, who felt it appropriate for a sit-down meeting to take place on May 25th at 9:00 a.m. (Phone number 816-374-6426)
3. Mr. Carlisle and I jointly issued an intra-company memo on May 22nd instructing company managers as follows:
 - a. Reclassification of Issco to a Class III supplier, which requires independent test laboratory verification of all bolting material's chemical and physical characteristics, for all such materials received after May 22nd.

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Safety and Safeguards
May 25, 1990
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- b. All Issco bolting materials in present inventory shall be hold-tagged and also tested as above prior to use.
 - c. Our Mr. Bill Boyles is assembling a vendor analysis showing pertinent information regarding all past purchases from Issco.
4. The fourth and final activity determined necessary at this time is this precautionary reporting to the NRC.

Mr. Carlisle is the designated person responsible for reporting in accordance with 10CFR21, and, also in accordance with such, has appointed me to communicate this report in his absence.

We will continue to monitor the condition closely with the Customs Department, and request your acknowledgement response.

Sincerely,

PERFORMANCE CONTRACTING, INC.
POWER & PROCESS DIVISION



Joseph C. Ganote, Jr.
Quality Assurance Manager

JCG:lb
Attachment

cc: Mr. K. M. Spraeztz, President - PCI
Mr. T. L. Carlisle, Vice President - PCI
Administrator of Region IV - NRC
C. F. Williams, Esq. - Stokes, Shapiro, Fussell & Wedge

NATION

Authorities confiscate bolts, fasteners at two firms

The Associated Press

Federal agents raided two area distributors and importers of allegedly counterfeit bolts and fasteners on Wednesday as part of a two-state sweep.

A total of seven distributors and importers of the bolts and fasteners were raided in Missouri and Colorado, and about 130,000 pounds of bolts were seized, authorities said.

The raids were a continuation of Operation Breakdown, which began in June 1989 with a sweep that seized 14,000 pounds of the fasteners at 11 places in Colorado, Utah, Wyoming and Missouri, the U.S. Customs Service said.

The Kansas City area raids occurred at Mechanics Choice, Kansas City, and Inco Inc., Lee's Summit.

Joe Davis, president of Inco, said Thursday the agents took 22

pallets or about 30,000 pounds of the fasteners for further testing. Some of the fasteners had been imported, he said.

"These bolts are perfectly adequate in some applications," he said.

Inco employs 100 persons.

Mechanics Choice officials could not be reached for comment.

The bolts look like certified

bolts but are made of cheaper materials and may break under stress. The counterfeit bolts have been found in motor vehicles, Army tanks, aircraft and other applications where the failure of the bolts could result in fatalities. Most of the counterfeit bolts are manufactured in Japan, South Korea and Taiwan.

Staff writer Martin Rosenberg contributed to this article.