

40-8724

CHEMETRON CORPORATION

**2100 New River Center
200 E. Las Olas Boulevard
Fort Lauderdale, Florida 33301**

Tuesday, May 31, 1994

Mr. Timothy C. Johnson
Section Leader
Materials Decommissioning Section
Decommissioning and Regulatory Issues Branch
US Nuclear Regulatory Commission
Washington, DC 20555

Subject: Locations of Soil Samples for Solubility Testing
Chemetron SUB-1357

Dear Mr. Johnson:

In response to your letter dated March 29, 1994, enclosed are the locations and the related depths of the soil samples from the Bert Avenue and Harvard Avenue sites that were submitted to IT Corporation, Inc., for solubility testing (Table 1 and Figure 1).

The address of the IT Corporation Laboratory is:

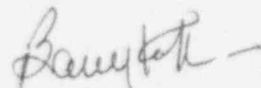
International Technologies Corporation
Washington Laboratory
2800 George Washington Way
Richland, WA 99352

The IT Corporation Laboratory contact responsible for performing the solubility analyses is Ms. Jackie Waddell (615-482-9707). The analysis schedule is presented in Table 2.

Please notify me (410-356-6612) or Mr. Theodore G. Adams (716-592-3431) in advance of any visits by the NRC to the IT Laboratory so that appropriate arrangements can be made.

If you have any questions, please do not hesitate to contact me.

Sincerely yours,



Barry Koh, P.L.D.
Project Manager

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NWD /

BK/cmw

Enclosures

cc: D. Sargent
T. Adams
G. Shear

TABLE 1
 LOCATIONS AND DEPTHS OF
 BERT AVENUE AND HARVARD AVENUE SOIL SAMPLES
 SUBMITTED FOR SOLUBILITY ANALYSIS

<u>SAMPLE</u>	<u>LOCATION</u>	<u>DEPTH (ft)</u>	<u>CONCENTRATION</u> U ²³⁸ (pCi/g)
BB-59 (690)*	50 E/W 25 N/S	14-16	9,130
BB-59 (691)*	50 E/W 25 N/S	16-18	1,860
BB-60 (702)*	30 E/W 20 N/S	22-24	4,180
NBA-493**		Surface	2,341

*Bert Avenue - See Chemetron Final Site Characterization Report, June 1992, Appendix F-1 (p. 12 of 22)

**Harvard Avenue - See Chemetron Final Site Characterization Report, June 1992, Appendix E-1 (p.15)



ANSTEC APERTURE CARD

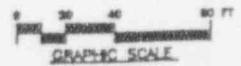
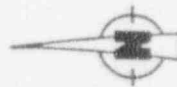
Also Available on
Aperture Card



LEGEND:

- ✦ MONITORING WELL
- ▲ PIEZOMETER
- BOREHOLE

SOURCE:
BASE MAP PREPARED BY GLM, INC. USING PHOTOGRAMMETRIC
METHODS WITH AERIAL PHOTOGRAPHS TAKEN 03-2-92.



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FIGURE 7.1-3

**BERT AVENUE SITE
BOREHOLE LOCATIONS**

DAMES & MOORE

JOB No.: 22293-002-023

9406160/60-01

CHEMETRON REMEDIATION PROJECT
IT LABORATORY SOLUBILITY TESTING

TABLE 2

Date:	Activity:
June 20	Testing initiated
June 23	Samples pulled for analyses
June 26	Samples pulled for analyses
June 29	Samples pulled for analyses
July 2	Samples pulled for analyses
July 5	Samples pulled for analyses
July 8	Samples pulled for analyses
July 11	Samples pulled for analyses
July 14	Samples pulled for analyses
July 17	Samples pulled for analyses
July 20	Samples pulled for analyses
July 23	Samples pulled for analyses
July 26	Samples pulled for analyses
July 29	Samples pulled for analyses
August 1	Samples pulled for analyses
August 4	Samples pulled for analyses
August 7	Samples pulled for analyses
August 10	Samples pulled for analyses
August 13	Samples pulled for analyses
August 16	Samples pulled for analyses
August 19	Testing terminated