01-0363

REPORT

SDMS 258050

Pre-Design Investigation Report for Removal Actions for 20s, 30s, and 40s Complexes

General Electric Company
Pittsfield, Massachusetts

March 2001

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Corporate Environmental Programs
General Electric Company
100 Woodlawn Avenue, Pittsfield, MA 01201

March 23, 2001

Bryan Olson
EPA Project Coordinator
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
20s, 30s, and 40s Complexes Removal Action Areas (GECD120)
Pre-Design Investigation Report

Dear Mr. Olson:

In accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site and Statement of Work for Removal Actions Outside the River, enclosed is GE's *Pre-Design Investigation Report for Removal Actions for 20s, 30s, and 40s Complexes*.

Please call John Novotny or me if you have any questions regarding this report.

Sincerely,

Andrew T. Silfer, P.E.
GE Project Coordinator

Enclosure
U:\MEG01\2051199.doc

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TECHNICAL REPORT

Pre-Design Investigation Report for Removal Actions for 20s, 30s, and 40s Complexes

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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD requires (among other things) the performance of Removal Actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents present in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts. These RAAs are part of the GE-Pittsfield/Housatonic River Site (the Site). For each Removal Action, the CD and accompanying *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD) establish Performance Standards that must be achieved, as well as specific work plans and other documents that must be prepared to support the response actions for each RAA. For most of the Removal Actions, these work plans/documents include the following: Pre-Design Investigation Work Plan; Pre-Design Investigation Report; Conceptual Removal Design/Removal Action (RD/RA) Work Plan; and Final RD/RA Work Plan.

This document constitutes the Pre-Design Investigation Report for three RAAs within the Site -- the 20s Complex, 30s Complex, and 40s Complex, each of which is located within the GE Plant Area. These RAAs are shown on Figure 1. Included in this report is a summary of activities recently performed by GE for the 20s, 30s, and 40s Complexes to satisfy investigation-related requirements contained in the CD and SOW. The information presented herein -- in combination with information available from prior (and future) activities related to the 20s, 30s, and 40s Complexes -- will be used to develop a conceptual and then a final RD/RA Work Plan for these areas. Additional information concerning the contents of this document is provided below.

1.2 Contents of Pre-Design Report

This *Pre-Design Investigation Report for Removal Actions at the 20s, 30s, and 40s Complexes* (Pre-Design Report) describes the soil investigations conducted by GE between November 27, 2000 and March 13, 2001 at the 20s, 30s, and 40s Complexes. These investigations were performed in accordance with a document entitled *Pre-Design Investigation Work Plan for Removal Actions at the 20s, 30s, and 40s Complexes* (Pre-Design Work Plan), which

was submitted to EPA in June 2000 and conditionally approved by EPA in a letter dated October 16, 2000, with certain subsequent agreed-upon modifications documented in a letter from GE to EPA dated January 17, 2001. These activities were designed to comply with the applicable pre-design investigation requirements contained in the SOW, taking into account the information available from prior investigations within these areas. As described herein, these pre-design investigations included the collection of 254 soil samples from 96 locations within the 20s, 30s, and 40s Complexes for analysis of PCBs and/or the other non-PCB constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides), plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

Pursuant to the CD and SOW, this report summarizes the results of the pre-design activities. It also provides an assessment regarding: (1) the sufficiency of the available soil data to support the design and evaluation of Removal Actions to achieve the soil-related Performance Standards for these RAAs; and (2) whether there is any additional information needed prior to the preparation of the Conceptual RD/RA Work Plan. In general, the results of the recent pre-design activities, including the information obtained from prior investigations, are sufficient to characterize the soils within the 20s, 30s, and 40s Complexes, and thus to support RD/RA activities. However, certain additional information is needed to support GE's preparation of a Conceptual RD/RA Work Plan. For example, detailed site mapping that accurately depicts the structures, surface cover types, topography, and sample locations within the 20s, 30s, and 40s Complexes is needed and will be obtained.

Regarding the contents of this Pre-Design Report, several points should be noted. First, the pre-design activities summarized in this report pertain to soils only. Activities related to groundwater and non-aqueous-phase liquid (NAPL) will be addressed separately as part of activities for the Plant Site 1 Groundwater Management Area (GMA) pursuant to the CD and the SOW. Second, the 20s, 30s, and 40s Complexes are included in an agreement known as the Definitive Economic Development Agreement (DEDA) executed by GE, the City of Pittsfield, and the Pittsfield Economic Development Authority (PEDA) relating to the redevelopment of certain areas of GE's Pittsfield facility. Under the DEDA, GE will demolish certain buildings in these complexes and will eventually transfer these areas to PEDA. While the building demolition activities themselves are not subject to the requirements of the CD and the SOW, the soils underlying the buildings (once demolished) will be addressed by the Removal Actions at the GE Plant Area under the CD and the SOW. Therefore, in addition to the investigation requirements contained in the SOW (which are primarily related to paved and unpaved areas), GE included in the Pre-Design Work Plan a proposal to sample soils beneath the slabs of several existing buildings subject to future demolition activities, treating these slabs as future paved areas. The results of those activities are presented herein.

Third, subsequent to GE's submittal and EPA's approval of the Pre-Design Work Plan, PEDA requested that GE collect soil samples from an additional 15 locations beneath the existing building slabs of 9 buildings within the 20s, 30s, and 40s Complexes. Since the requested investigations were not required by the CD or SOW (or required by EPA), GE worked out an arrangement with PEDA whereby GE conducted the requested additional sampling on behalf of PEDA, but at PEDA's expense. That sampling was performed between February 19 and 28, 2001, and the analytical results of the PEDA-requested samples are incorporated into the discussions contained in Section 2 of this report.

In addition, GE recently received a letter from EPA, dated March 21, 2001, requesting access for EPA to install, and collect soil samples from, six additional borings in the 30s and 40s Complexes. That letter states that EPA plans to initiate such borings/sampling during the week of April 2 and to provide GE with validated analytical results early in May 2001. Assuming that EPA conducts such sampling and provides GE with the validated analytical results, GE will incorporate these data into its response action evaluations to be presented in the Conceptual RD/RA Work Plan, in accordance with the schedule described in Section 3.6.

The remainder of this section provides a brief description of each RAA. Section 2 then describes the pre-design activities recently conducted by GE, while Section 3 identifies several remaining pre-design activities and presents the proposed schedule for the submittal of a Conceptual RD/RA Work Plan for the Removal Actions at these RAAs.

1.3 Description of Removal Action Areas

1.3.1 20s Complex

The 20s Complex is located immediately east of the 30s Complex within the western portion of the GE facility (Figure 1). This approximately 15-acre area is generally bounded by East Street to the south and other parts of the GE facility to the north and east. This area comprises approximately 10 acres of paved areas, including the area of the former 20s Complex which was razed in the late 1980s (approximately 3 acres). This RAA is also composed of approximately 4 acres of unpaved, open area and two existing buildings. As shown on Figure 2, the main parking lot located in this area covers the existing 20s Complex vault, which was used in the late 1980s to consolidate building debris generated during the demolition of the above-grade portions of several former buildings in this area, as well as some equipment housed within the former buildings. In addition, a smaller vault is present

beneath the former location of Building 29-A. These vault areas are covered with a 1-foot thick layer of asphalt and concrete.

The eastern portion of the 20s Complex has undergone physical changes over the last several months due to the performance of the Merrill Road reconstruction project. Since submittal of the Pre-Design Work Plan, GE has determined, based on review of Massachusetts Highway Department project drawings, that the reconstruction project required a taking by the Commonwealth (for subsequent transfer to the City of Pittsfield) of more of the eastern part of the 20s Complex than originally anticipated. This land taking has resulted in a modification of the scope of the pre-design investigations for the 20s Complex, as documented in GE's letter of January 17, 2001, and as further described in Section 2.1 of this Pre-Design Report.

1.3.2 30s Complex

The 30s Complex is an approximately 20-acre area located to the south of the 40s Complex. This RAA is bounded by Silver Lake Boulevard to the west (which separates the RAA from Silver Lake), East Street to the south, and other portions of the GE facility to the south and east (Figure 1). The surface of this RAA is composed of paved areas (approximately 8 acres) and unpaved areas (approximately 4 acres); the remainder is occupied by several buildings. Figure 3 provides a larger-scale map of the 30s Complex.

1.3.3 40s Complex

The 40s Complex is an approximately 10-acre area which is generally bounded by Kellogg Street to the north, other portions of the GE facility to the south and east, and non-GE owned commercial/industrial areas to the west (Figure 1). Buildings 42, 43, 43-A, and 44 comprise nearly one-third of this area (eastern portion), while most of the remainder (approximately 5 acres) is paved with asphalt or concrete. Buildings 40-B, 41, and 41-A, which previously comprised most of the western portion of this RAA, were demolished in the early 1990s. Portions of the building subgrades are still present in this area. Figure 4 provides a larger-scale map of the 40s Complex.

2. Summary of Pre-Design Investigations

2.1 General

This section summarizes the pre-design field investigations that were performed for the 20s, 30s, and 40s Complexes between November 27, 2000 and March 13, 2001. The field investigations were performed on behalf of GE by Blasland, Bouck & Lee (BBL), while analytical services were provided by CT&E Environmental Services, Inc. Roy F. Weston, Inc. (Weston) performed oversight activities on behalf of EPA.

Following EPA approval of the Pre-Design Work Plan in October 2000, GE performed several activities prior to the start of the pre-design field investigations. Initially, pursuant to EPA's October 16, 2000 conditional approval of the Pre-Design Work Plan, GE provided to EPA (in a letter dated October 30, 2000) an anticipated timetable for several pre-design activities, such as contractor coordination, utility demarcation, and sample location survey; field work; laboratory analyses; and preparation of the Pre-Design Report. In addition, prior to the initiation of sampling activities, an on-site meeting was held between representatives of GE, BBL, and Weston.

With certain exceptions (discussed later in this section), the sample locations, frequencies, depths, and analytes associated with the pre-design investigations were consistent with the applicable investigation requirements established in the SOW, as well as the Data Quality Objectives identified in the Pre-Design Work Plan. Furthermore, all field and analytical activities were performed consistent with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

The pre-design soil sampling effort conducted at these RAAs in accordance with the Pre-Design Work Plan (i.e., not including the PEDA-requested sampling) involved the collection of 254 soil samples from 86 new and 10 existing locations. These sample locations are shown on Figures 2 through 4. Each sample location was surveyed by BBL to obtain coordinates consistent with GE's plant survey datum. A total of 253 soil samples were analyzed for PCBs. In addition, 92 samples (approximately one-third of the number of PCB samples) were analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides). Approximately half of the Appendix IX+3 samples were collected from the top foot and the rest from increments greater than one foot. The PEDA-requested sampling effort involved the collection of 42 additional soil samples for PCB analysis from 15 boring locations. These boring locations are also shown on Figures 2 through 4. One soil sample from each of the 15 boring locations was also analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides).

The following table summarizes the overall pre-design soil sampling and analysis effort.

Removal Action Area	Number of Boring Locations	PCB Samples				Appendix IX+3 Samples			
		Top 1 foot	1 to 6 feet	6 to 15 feet	Total	Top 1 foot	1 to 6 feet	6 to 15 feet	Total
20s Complex-Paved Areas	7	7	7	7	21	3	3	1	7
20s Complex-Unpaved Areas	23	21	20	12	53	10	6	5	21
20s Complex-Total	**30**	**28**	**27**	**19**	**74**	**13**	**9**	**6**	**28**
30s Complex-Paved Areas	26	23	25	25	73	11	6	9	26
30s Complex-Unpaved Areas	29	28	25	25	78	12	9	7	28
30s Complex-Total	**55**	**51**	**50**	**50**	**151**	**23**	**15**	**16**	**54**
40s Complex-Paved Areas	18	17	18	15	50	9	6	3	18
40s Complex-Unpaved Areas	8	8	6	6	20	2	3	2	7
40s Complex-Total	**26**	**25**	**24**	**21**	**70**	**11**	**9**	**5**	**25**
Overall Totals:	**111**	**104**	**101**	**90**	**295**	**47**	**33**	**27**	**107**

As previously mentioned, the collection and analysis of the pre-design investigation soil samples, as well as the PEDA-requested soil samples, at the 20s, 30s, and 40s Complexes were conducted in accordance with the procedures set forth in GE's approved FSP/QAPP. Specifically, the analytical procedures for the analysis of soil samples were consistent with the EPA-approved procedures presented in the FSP/QAPP, and the field procedures followed the Standard Operating Procedures (SOPs) presented in Appendices B through X of the FSP/QAPP. Soil boring logs are presented in Appendix A to this report.

Soil samples collected during these investigations were analyzed for Aroclor-specific PCBs by EPA Method 8082. The PCB results were reported on a dry-weight basis with a detection limit of 0.05 ppm for all Aroclors. Select soil samples were also analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides) following the methods presented in the FSP/QAPP. Sample results were reported by the laboratory on a dry-weight basis with reporting limits consistent with those presented in the FSP/QAPP. The analytical results for the pre-design

investigation soil samples (excluding the PEDA-requested soil samples) are summarized in Table 1 for PCBs and Table 2 for other Appendix IX+3 constituents. The preliminary analytical results from the PEDA-requested soil sampling are summarized in Tables 3 and 4 for PCBs and Appendix IX+3 constituents, respectively. For polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs), Tables 2 and 4 also present the total Toxicity Equivalent (TEQ) concentrations, calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization, as specified in the SOW. In addition, soil data from investigations performed prior to the pre-design activities summarized herein, which will also be utilized to support future remedial evaluations and design activities, are presented in Appendix B to this report.

During the performance of the pre-design investigations, several modifications were implemented based on field conditions, investigation results, and/or communications with the EPA. The most significant of these involved the elimination of nine soil sample locations from the eastern portion of the 20s Complex. As previously indicated, the Merrill Road reconstruction project required a taking by the Commonwealth of a greater portion of the eastern portion of the 20s Complex than was estimated at the time that the Pre-Design Work Plan was prepared (see Figure 2). This taking affected the proposed sample locations to the south of boring RAA3-7 and to the east of boring RAA3-8. As a result, EPA and GE agreed that sampling would not be required at the affected sampling locations (locations RAA3-9 through RAA3-15, RAA3-21, and RAA3-22, as proposed in the Pre-Design Work Plan). EPA and GE further agreed that, to the extent that a portion of this eastern part of the 20s Complex remains subject to the Consent Decree, the soil in that portion will be represented by soil sampling data from sample locations RAA3-7 or RAA3-8, as appropriate. These agreements were documented in a letter from GE to EPA dated January 17, 2001.

In addition, the following modifications to the work scope identified in the Pre-Design Work Plan, as conditionally approved by EPA, were implemented:

- The specific depths of seventeen Appendix IX+3 samples were modified in the field due to photoionization detector (PID) readings, visual observations (e.g., evidence of staining) of the recovered soil samples, or sample equipment refusal at depths above the proposed sample collection depth.

- Ten proposed soil sample depth intervals from the 6- to 15-foot depth increment could not be collected due to sample equipment refusal. These locations were distributed throughout the 20s, 30s, and 40s Complexes.

- Soil samples from 10 locations (eight from the 1- to 6-foot depth increment and two from the 6- to 15-foot depth increment) did not include the full sample depth due to sample equipment refusal.

- Soil samples could not be collected from the top foot at four paved locations due to a pavement thickness of greater than one foot.

- Several boring locations were shifted slightly from their proposed locations due to probe refusal or access limitations (e.g., physical access or utility clearance). Additionally, more significant location modifications were made, with EPA/Weston concurrence, at locations 213S and RAA2-33 through RAA2-37 due to physical access limitations.

- An additional Appendix IX+3 analysis was conducted at location RAA2-27 from 6- to 15-feet, in addition to the proposed Appendix IX+3 analysis from the upper foot.

- An analysis for PCBs was inadvertently performed on a sample at location RF-4 (6- to 15-foot depth increment) although only Appendix IX+3 analyses (excluding PCBs) were proposed for this depth increment.

- For samples initially collected from the 0- to 1-foot depth increment at two sample locations (95-11 and 95-23), PCB analyses were inadvertently omitted and the samples were analyzed only for other Appendix IX+3 constituents. Accordingly, GE re-collected 0- to 1-foot soil samples from these two locations on March 13, 2001 for PCB analysis. The preliminary PCB analytical results from these two samples are included in this report.

- For the PEDA-requested sampling, three soil samples from the 6- to 15-foot depth increment could not be collected due to sample equipment refusal. Additionally, the soil samples from four other locations (three from the 1- to 6-foot depth increment and one from the 6- to 15-foot depth increment) did not include the full sample depth, also due to sample equipment refusal.

None of the modifications identified above are expected to affect the overall characterization of the soils within these RAAs or GE's ability to prepare a Conceptual RD/RA Work Plan. Where sampling could not be conducted to the targeted depth, or where a less-than-full sample depth was obtained, the number of samples affected by these circumstances was relatively small. For example, of the approximately 270 samples proposed for collection in the

Pre-Design Work Plan (excluding the samples from the borings that were eliminated due to the taking related to the Merrill Road reconstruction project), only 10 could not be collected due to sample equipment refusal, another 10 did not include the full targeted depth due to sample equipment refusal, and another 4 could not be collected due to pavement thickness greater than one foot. Moreover, where less-than-complete sampling occurred, complete sample collection was achieved in nearby sample locations. Furthermore, due to the additional PEDA-requested sampling, the actual total number of samples collected and analyzed for either PCBs and/or Appendix IX+3 constituents (296 samples) is more than the number proposed for collection in the Pre-Design Work Plan.

2.2 Overview of Available Soil Data

For the RAAs covered by this report, the soil data sets currently available to support the preparation of a Conceptual RD/RA Work Plan consist of the results of the pre-design investigations conducted pursuant to the Pre-Design Work Plan and, to a lesser extent, the data available from prior investigations and from the recent PEDA-requested investigation. The PCB soil analytical data from the EPA-approved and PEDA-requested pre-design investigations are summarized in Tables 1 and 3, respectively, while historical PCB soil analytical data for these RAAs are presented in Appendix B. Table 2, Table 4, and Appendix B present the results of analyses conducted for other Appendix IX+3 constituents at these RAAs. Collectively, these data sets are sufficient to characterize the soils in each RAA. (However, some additional information is needed prior to the preparation of the Conceptual RD/RA Work Plan, as described in Section 3.2 of this document.)

A detailed evaluation of the available data is beyond the scope of this Pre-Design Report and is more appropriately addressed within the Conceptual RD/RA Work Plan. For PCBs, such evaluations will include an assessment of the available soil data based on several site-specific considerations (such as soil depth; surface cover type; location of buildings, roadway, property boundaries, etc.; location of the 100-year floodplain, where present; etc.), and the soil-related Performance Standards established in the CD and SOW. For non-PCB constituents, future remedial evaluations will consider (as appropriate) several factors, including the scope of any PCB-related response actions, the use of the RAA (i.e., industrial/commercial), local background concentrations, and numerical cleanup standards established by EPA and MDEP, as specified in the SOW.

2.3 Data Quality Assessment

Quality control samples (i.e., matrix spike/matrix spike duplicates, field duplicates, and field blanks) were collected in accordance the FSP/QAPP. The FSP/QAPP also presents the quality control criteria and corrective action procedures to be followed for each analytical and field-generated quality control sample. Overall project quality assurance was provided by following the procedures for sample collection and analysis, corrective action, and data reporting and validation specified in the FSP/QAPP. Appendix C further describes the quality assessment procedures that were performed.

All pre-design soil analytical data (with the exception of two samples) have undergone data review validation in accordance with Section 7.5 of the FSP/QAPP. The results of this process are summarized in Appendix C. Overall, the pre-design soil data utilized for soil characterization purposes in this Pre-Design Report meet the data quality objectives set forth in the FSP/QAPP. The two pre-design samples that have not been validated are samples 95-11 and 95-23 (each analyzed for PCBs from the 0- to 1-foot depth increment), which were collected on March 13, 2001, as discussed in Section 2.1. Although GE has included the preliminary results for those samples in this report, the full analytical data packages necessary to complete validation of the data were unavailable at the submittal date of this Pre-Design Report. In addition, certain historical and PEDA-requested investigation soil data have yet to undergo data validation, as GE has not yet been able to obtain the archived historical data packages, and has only recently received the preliminary results of the PEDA-requested investigations. Validation of this remaining data is underway, as discussed in Section 3.3.1.

3. Future Activities and Schedule

3.1 General

In accordance with Section 3.2 of the SOW, the Pre-Design Report is required to consider the sufficiency of the available data in terms of supporting subsequent RD/RA activities, and whether any additional or remaining data needs are present. If such data needs are identified, the Pre-Design Report is to include a proposal, if necessary, for further studies/investigations, as well as a schedule for such activities and the submission of any additional pre-design reports.

This section provides an assessment of the information currently available for the 20s, 30s, and 40s Complexes. Section 3.2 considers the available soil data, while Section 3.3 considers other topics not specifically related to the pre-design investigations. As described in those sections, there are very few data/information needs to be addressed prior to the development of the Conceptual RD/RA Work Plan. Therefore, this section also summarizes the anticipated contents of the Conceptual RD/RA Work Plan, and the proposed schedule for its development and submittal to EPA.

3.2 Assessment of Potential Data Needs

The Pre-Design Work Plan identified the activities proposed by GE to support the evaluation of response actions for the 20s, 30s, and 40s Complexes and the preparation of a Conceptual RD/RA Work Plan. The specific activities proposed in the Pre-Design Work Plan involved the performance of soil investigations to better characterize existing soil conditions and to satisfy the investigation requirements specified in the CD and SOW.

Based on the completion of the proposed pre-design activities, as well as the additional investigations conducted at PEDA's request, the available soil characterization data are sufficient to support the necessary evaluations for each RAA, including an assessment of current soil conditions and the need for, type of, and scope of response actions to achieve the applicable Performance Standards. Although certain modifications to the Pre-Design Work Plan were implemented during the field activities, none of those modifications (described in Section 2.1)

significantly affects the overall characterization of the RAA soil that was gained from the remaining sampling data. It is expected that the Conceptual RD/RA Work Plan can be fully developed given the currently available data set. Therefore, GE has not identified any additional data needs related to the characterization of existing soils within any of these RAAs.

As noted above, however, EPA has recently advised GE that it intends to install, and collect soil samples from, six additional borings in the 30s and 40s Complexes and to provide GE with the validated analytical results. Assuming EPA does so, GE will also incorporate these sampling results into its response action evaluations in the Conceptual RD/RA Work Plan.

3.3 Future Pre-Design Activities

Although GE has not identified a need to conduct additional soil characterization sampling, it has identified several other activities that will be performed prior to and in support of the preparation of the Conceptual RD/RA Work Plan. Each of these activities is described below.

3.3.1 Validation of PEDA-Requested Investigation Data and Historical Data

As indicated above, GE only recently received the preliminary analytical results from the final two pre-design investigation samples and the additional soil sampling conducted at PEDA's request beneath certain building slabs in the 20s, 30s, and 40s Complexes, and has not been able to complete the data validation process for those results. The validation of these data still needs to be completed upon receipt of the full analytical data packages. In addition, as also noted above, GE was unable to complete a data quality assessment of the historical soil data for these RAAs due to delays in obtaining the analytical data packages for certain samples. GE has now obtained all available data packages for these historical data and is currently performing a data quality assessment of these historical data in accordance with the FSP/QAPP.

GE anticipates that it will be able to complete the data validation for the two remaining pre-design sample results and the PEDA-requested sampling results, as well as the data quality assessment for the historical data, within the next couple of months. The results of these data validation and assessment activities, as well as any modifications

to the soil analytical data sets that are made during these activities, will be summarized in an appendix to the Conceptual RD/RA Work Plan.

3.3.2 Receipt of EPA Sampling Data

Given EPA's plans to conduct additional soil sampling at six locations in the 30s and 40s Complexes, GE will need to receive the validated analytical results from that sampling in order to incorporate those data into its response action evaluations and thus to develop the Conceptual RD/RA Work Plan.

3.3.3 Site Plan Mapping

The current mapping available for the 20s, 30s, and 40s Complexes is not sufficient to support the type of detailed remedial evaluations that will be performed by GE and presented in the Conceptual RD/RA Work Plan. The current mapping was generated based on aerial photogrammetry mapping performed in 1990. Although useful for identifying key features of each RAA (e.g., buildings, roadways, etc.) and approximate locations of the soil sampling locations (as illustrated on Figures 2, 3, and 4), more detailed site mapping is needed to support the development of spatial average PCB concentration and the design and implementation of the required response actions. Therefore, GE will proceed with the development of detailed site mapping of each RAA that will include the following types of information:

- existing buildings;
- paved and unpaved areas;
- surface elevations and topography;
- 100-year floodplain (where applicable);
- property boundaries and easements;
- certain utilities (e.g., manholes, catch basins, etc.)
- soil sample locations; and
- other site features.

As appropriate, the mapping will be prepared by a licensed Land Surveyor and will be consistent and compatible with the plant survey datum currently in place for the GE facility. Once the site mapping is available, GE will be able to proceed with its response action evaluations.

3.3.4 Characterization of Soils for Disposition Purposes

During development of the Conceptual RD/RA Work Plan, GE may determine that soil removal and disposition may be required in order to achieve the applicable, soil-related Performance Standards established in the CD and SOW. In that event, there are several options available to GE under the CD and the SOW for the disposition of the removed materials. To further assess these options and develop the Conceptual RD/RA Work Plan, GE may collect additional soil samples for characterization purposes, and specifically to determine whether the subject materials are potentially classified as hazardous waste pursuant to EPA's regulations under the Resource Conservation and Recovery Act (40 CFR 264). If such sampling is identified, GE will follow the procedures outlined in its Waste Characterization Plan, which is a component of the *Project Operations Plan* and which was submitted to the EPA on December 22, 2000.

3.4 Proposed Monitoring Well Installation

As indicated in Section 1.1 of this Pre-Design Report, groundwater and NAPL associated with the 20s, 30s, and 40s Complexes are being addressed as part of ongoing and future activities for the Plant Site 1 Groundwater Management Area (GMA 1). GE's baseline groundwater monitoring program for GMA 1 is described in GE's September 2000 *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area*, as conditionally approved by EPA in a letter dated March 20, 2001. For the 20s, 30s, and 40s Complexes, this program includes semi-annual sampling and analysis at a total of 10 wells and periodic groundwater elevation and NAPL monitoring at 26 wells.

Technical Attachments D and H to the SOW include provisions for the evaluation and possible installation of new monitoring wells at soil sampling locations in which NAPL is encountered. Specifically, Technical Attachment D to the SOW (Protocols for Additional Soil Investigations) provides that for sample locations in which NAPL is encountered as part of soil characterization activities, the need for a new monitoring well will be addressed. Similarly, Technical Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response

Programs) requires that monitoring wells be installed in soil borings where NAPL is detected, excluding those borings located within known NAPL plumes when the NAPL observed is consistent with prior investigations.

During the pre-design investigations described in this report, NAPL was observed in a saturated soil sample collected at a depth of 12 to 14 feet from boring RAA2-25 in the 30s Complex, as shown in the boring log for that boring included in Appendix A. Accordingly, based on the above requirements, GE proposes to install a monitoring well at boring location RAA2-25, as depicted on Figure 3. GE will submit a separate specific proposal to EPA for the installation of this well within the next 21 days as an addition to the GMA 1 baseline monitoring program

3.5 Preparation of Conceptual RD/RA Work Plan

In accordance with the schedule described in Section 3.6, GE will develop a Conceptual RD/RA Work Plan for the Removal Actions for these RAAs. The contents of the Conceptual RD/RA Work Plan will be consistent with Section 3.3 of the SOW and address the following topics:

- Results of pre-design studies/investigations;
- An evaluation of the areas and depths subject to response actions to meet the PCB-related Performance Standards set forth in the CD and the SOW;
- An evaluation of the need for additional response actions to address non-PCB constituents, and (if needed) the type of such response actions;
- An evaluation of other issues that may affect the type and extent of response actions (e.g., groundwater, NAPL);
- Preliminary plans and specifications to support the response actions;
- Summary of preliminary response action quantities, including soil removal, capping areas, etc.;
- Design assumptions and parameters; and

- An identification of Applicable or Relevant and Appropriate Requirements (ARARs) in accordance with Attachment B to the SOW.

In addition, the results of the remaining data validation and assessment activities will be presented in the Conceptual RD/RA Work Plan, as discussed in Section 3.3.1.

3.6 Schedule

GE proposes that the Conceptual RD/RA Work Plan for the 20s, 30s, and 40s Complexes Removal Actions will be submitted to EPA within the latest of the following: (a) six months from the submittal of this Pre-Design Report; (b) four months from EPA approval of this Pre-Design Report; or (c) four months from receipt of the validated analytical data from the additional sampling to be conducted by EPA at the 30s and 40s Complexes. Initially, over the next two to three months, GE anticipates that the data validation will be completed for the remaining pre-design data, the PEDA-requested data, and the historical data, the surveying and site mapping activities will be performed, and the validated data from additional EPA sampling will be received from EPA. Then, GE will perform preliminary evaluations for both PCB and non-PCB constituents in soil to understand the general scope and magnitude of the response actions necessary to achieve the soil-related Performance Standards. Within this evaluation period, GE will likely be able to assess the need for potential soil removal and disposition activities, and be able to collect (if needed) additional samples for waste characterization purposes.

As noted above, GE will provide a specific proposal for the installation of a new monitoring well at boring location RAA2-25, as an addition to the GMA 1 Baseline Monitoring Program, within 21 days. That proposal will include a proposed implementation schedule, to be coordinated with other well installation activities at GMA 1.

Tables

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBS

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
20s Complex						
95-10	0-1	12/11/00	ND(0.23)	ND(0.23)	2.0	2.0
95-11[2]	0-1	3/13/01	ND(0.51) [ND(0.48)]	ND(0.51) [ND(0.48)]	12 [5.2]	12 [5.2]
95-23[2]	0-1	3/13/01	ND(0.049)	0.12	0.22	0.34
213S	1-6	1/11/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-15	1/11/01	ND(0.041)	ND(0.041)	0.44	0.44
RAA3-1	0-1	1/9/01	ND(3.0)	ND(3.0)	91	91
	1-6	1/9/01	ND(0.45) [ND(0.44)]	**1.2 J [ND(0.44) J]**	**2.5 J [7.1 J]**	**3.7 J [7.1 J]**
	6-13	1/9/01	ND(0.041)	ND(0.041)	0.084	0.084
RAA3-2	0-1	1/4/01	ND(0.45)	ND(0.45)	11	11
	1-1.8	1/4/01	ND(0.044)	1.1	1.0	2.1
RAA3-3	0-1	1/2/01	ND(0.039)	ND(0.039)	0.022 J	0.022 J
	1-6	1/2/01	ND(0.048)	0.17	0.28	0.45
	6-15	1/2/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA3-4	0-1	1/9/01	ND(0.60)	ND(0.60)	8.7	8.7
	1-6	1/9/01	ND(22)	ND(22)	220	220
	6-15	1/9/01	ND(4.0)	ND(4.0)	78	78
RAA3-5	0-1	12/13/00	ND(0.042)	ND(0.042)	0.18	0.18
	1-6	12/13/00	ND(4.4) [ND(4.3)]	ND(4.4) [ND(4.3)]	160 [180]	160 [180]
	6-15	12/13/00	ND(0.040)	ND(0.040)	0.86	0.86
RAA3-6	0-1	12/15/00	ND(0.22)	3.4	3.0	6.4
	1-6	12/15/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/15/00	ND(0.045)	ND(0.045)	0.023 J	0.023 J
RAA3-7	0-0.5	1/10/01	ND(0.044)	0.087	0.10	0.187
	1-6	1/10/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	1/10/01	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA3-8	0-1	1/10/01	ND(0.045)	0.058	ND(0.045)	0.058
	1-5.3	1/10/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA3-16	0-1	12/29/00	ND(0.051)	ND(0.051)	0.51	0.51
	1-3	12/29/00	ND(0.22)	ND(0.22)	2.6	2.6
RAA3-17	0-1	12/29/00	ND(0.060)	ND(0.060)	0.069	0.069
	1-6	12/29/00	ND(0.23)	ND(0.23)	9.0	9.0
	6-15	12/29/00	ND(1.0)	ND(1.0)	12	12
RAA3-18	0-1	12/12/00	ND(0.24)	ND(0.24)	3.3	3.3
	1-6	12/12/00	ND(0.41)	ND(0.41)	17	17
	6-15	12/12/00	ND(0.40)	ND(0.40)	7.2	7.2
RAA3-19	0-1	12/15/00	ND(0.042)	0.35	0.45	0.80
	1-6	12/15/00	ND(0.039)	0.027 J	0.029 J	0.056 J
	6-15	12/15/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA3-20	0-1	12/15/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	1-6	12/15/00	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	6-9	12/15/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA3-23	0-1	12/26/00	ND(0.050)	ND(0.050)	0.18	0.18
	1-4	12/26/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA3-24	0-1	12/13/00	ND(0.041)	ND(0.041)	1.5	1.5
	1-6	12/13/00	ND(0.41)	ND(0.41)	14	14
	6-15	12/13/00	ND(0.42)	ND(0.42)	13	13
RAA3-25	0-1	12/13/00	ND(0.050)	ND(0.050)	0.38	0.38
	1-3	12/13/00	ND(2.1)	ND(2.1)	26	26
RAA3-26	0-1	12/26/00	ND(0.89)	ND(0.89)	1.9	1.9
	1-3.8	12/26/00	ND(4.1)	ND(4.1)	84	84
RAA3-27	0-1	12/12/00	ND(0.052)	ND(0.052)	0.45	0.45
	1-6	12/12/00	ND(0.46)	3.7	8.2	11.9
	6-15	12/12/00	ND(40) [ND(20)]	ND(40) [ND(20)]	450 [520]	450 [520]
RAA3-28	0-1	12/12/00	ND(0.47)	6.2	14	20.2
	1-6	12/12/00	ND(0.041)	ND(0.041)	0.094	0.094
	6-15	12/12/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA3-29	0-1	12/8/00	ND(0.047)	ND(0.047)	0.18	0.18
	1-6	12/8/00	ND(0.041)	ND(0.041)	0.11	0.11

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBS

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA3-30	0-1	1/11/01	ND(0.047)	ND(0.047)	1.0	1.0
	1-6	1/11/01	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	6-15	1/11/01	ND(0.043) [ND(0.042)]	ND(0.043) [ND(0.042)]	0.66 [0.66]	0.66 [0.66]
RAA3-31	1-6	12/11/00	ND(0.20)	1.7	2.2	3.9
RAA3-32	0-1	12/12/00	ND(4.2)	ND(4.2)	57	57
	1-6	12/12/00	ND(0.86)	ND(0.86)	16	16
	6-15	12/12/00	ND(0.044)	ND(0.044)	0.029 J	0.029 J
RAA3-33	0-1	12/15/00	ND(0.98)	ND(0.98)	23	23
	1-6	12/15/00	ND(4.0)	ND(4.0)	90	90
	6-15	12/15/00	ND(0.81) [ND(0.77)]	ND(0.81) [ND(0.77)]	22 [27]	22 [27]
30s Complex						
95-15	0-1	1/2/01	ND(0.047)	0.71	1.3	2.01
	6-15	1/2/01	ND(0.52) [ND(0.34)]	**10 J [4.4 J]**	**11 J [4.9 J]**	**21 J [9.3 J]**
95-16	0-1	12/4/00	ND(4.5)	13	20	33
212S	1-6	12/1/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/1/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-1	0-1	11/28/00	ND(4.2)	ND(4.2)	91	91
	1-6	11/28/00	ND(0.045)	ND(0.045)	0.46	0.46
	6-15	11/28/00	ND(0.040)	ND(0.040)	1.5	1.5
RAA2-2	0-1	11/28/00	ND(4.2)	ND(4.2)	100	100
	1-6	11/28/00	ND(0.21)	ND(0.21)	3.0	3.0
	6-15	11/28/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-3	0-1	11/27/00	ND(0.044)	ND(0.044)	1.1	1.1
	1-6	11/27/00	ND(0.040) [ND(0.043)]	**0.37 J [0.67 J]**	0.32 [0.53]	**0.69 J [1.2 J]**
	6-11.5	11/27/00	ND(0.043)	0.16	0.063	0.223
RAA2-4	0-1	11/30/00	ND(0.20)	ND(0.20)	1.9	1.9
	1-6	11/30/00	ND(0.042)	0.31	0.48	0.79
	6-15	11/30/00	ND(0.041)	0.039 J	0.020 J	0.059 J
RAA2-5	0-1	11/29/00	ND(0.39)	4.9	2.8	7.7
	1-6	11/29/00	ND(0.042)	0.10	0.11	0.21
	6-15	11/29/00	ND(0.039) [ND(0.041)]	0.031 J [0.070]	0.023 J [0.036 J]	0.054 J [0.106]
RAA2-6	0-1	11/30/00	ND(0.045)	ND(0.045)	1.5	1.5
	1-6	11/30/00	ND(0.043)	0.17	0.062	0.232
	6-15	11/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-7	0-1	11/30/00	ND(0.23)	ND(0.23)	2.5	2.5
	1-6	11/30/00	ND(0.042)	1.1	0.50	1.6
	6-15	11/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-8	0-1	11/30/00	ND(0.85)	ND(0.85)	10	10
	1-6	11/30/00	ND(0.41)	4.6	6.9	11.5
	6-15	11/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-9	0-1	12/5/00	ND(0.40)	5.8	ND(0.40)	5.8
	1-6	12/5/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/5/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-10	0-1	1/4/01	ND(0.052)	ND(0.052)	1.9	1.9
	1-6	1/4/01	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)
	6-15	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA2-11	0-1	12/4/00	ND(0.82)	28	ND(0.82)	28
	1-6	12/4/00	ND(0.78)	25	ND(0.78)	25
	6-15	12/4/00	ND(0.26)	3.1	ND(0.26)	3.1
RAA2-12	0-1	12/5/00	ND(0.41)	3.4	6.8	10.2
	1-6	12/5/00	ND(0.21)	4.7	2.2	6.9
	6-15	12/5/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-13	0-1	11/27/00	ND(0.45)	5.8	10	15.8
	1-6	11/27/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	11/27/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-14	0-1	12/4/00	ND(0.040)	ND(0.040)	0.14	0.14
	1-6	12/4/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/4/00	ND(0.97)	ND(0.97)	19	19

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBS

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA2-15	0-1	1/5/01	ND(0.046)	0.064	ND(0.046)	0.064
	1-6	1/5/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-9.1	1/5/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA2-16	0-1	12/6/00	ND(0.043)	1.2	1.7	2.9
	1-6	12/6/00	ND(0.041)	0.065	0.078	0.143
	6-15	12/6/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-17	0-1	12/1/00	ND(0.042)	ND(0.042)	0.49	0.49
	1-6	12/1/00	ND(0.042)	ND(0.042)	0.31	0.31
	6-15	12/1/00	ND(2.2)	ND(2.2)	62	62
RAA2-18	0-1	1/3/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	1-6	1/3/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	1/3/01	ND(0.042)	ND(0.042)	0.032 J	0.032 J
RAA2-19	0-1	12/6/00	ND(0.20)	4.2	4.2	8.4
	1-6	12/6/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/6/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA2-20	0-1	1/8/01	ND(0.045)	0.24	0.32	0.56
	1-6	1/8/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	1/8/01	ND(0.040)	ND(0.040)	0.025 J	0.025 J
RAA2-21	0-1	12/7/00	ND(0.046) [ND(0.048)]	ND(0.046) [0.50]	1.4 [0.69]	1.4 [1.19]
	1-6	12/7/00	ND(0.047)	0.40	0.46	0.86
	6-15	12/7/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-22	1-6	12/28/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/28/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA2-23	0-1	12/28/00	ND(0.044)	ND(0.044)	0.52	0.52
	1-6	12/28/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/28/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-24	0-1	12/8/00	ND(0.42)	3.4	5.1	8.5
	1-6	12/8/00	ND(0.040)	1.1	1.2	2.3
	6-15	12/8/00	ND(0.045)	ND(0.045)	0.031 J	0.031 J
RAA2-25	0-1	12/8/00	ND(0.039)	0.055	0.019 J	0.074
	1-6	12/8/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	12/8/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-26	0-1	12/27/00	ND(0.051)	ND(0.051)	0.074	0.074
	1-6	12/27/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	12/27/00	ND(0.048)	ND(0.048)	0.13	0.13
RAA2-27	0-1	12/27/00	ND(0.044)	ND(0.044)	0.029 J	0.029 J
	1-6	12/27/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/27/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-28	1-6	12/27/00	ND(0.043) [ND(0.042)]	1.0 [1.1]	ND(0.043) [ND(0.042)]	1.0 [1.1]
	6-15	12/27/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-29	0-1	12/6/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	1-6	12/6/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	12/6/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-30	0-1	12/1/00	ND(0.040)	0.28	0.24	0.52
	1-6	12/1/00	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]
	6-15	12/1/00	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA2-31	0-1	12/7/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	1-6	12/7/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-15	12/7/00	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
RAA2-32	0-1	12/1/00	ND(0.048)	0.88	1.5	2.38
	1-6	12/1/00	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	12/1/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-33	0-1	12/26/00	ND(0.23) [ND(0.25)]	ND(0.23) [ND(0.25)]	2.8 [2.7]	2.8 [2.7]
	1-6	12/26/00	ND(0.042)	ND(0.042)	0.20	0.20
	6-15	12/26/00	ND(0.22)	ND(0.22)	5.0	5.0
RAA2-34	0-1	11/28/00	ND(0.40)	ND(0.40)	5.5	5.5
	1-6	11/28/00	ND(0.040)	0.029 J	0.055	0.084
	6-15	11/28/00	ND(0.046)	0.76	0.34	1.1

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBS

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA2-35	0-1	11/28/00	ND(0.040)	0.19	0.12	0.31
	1-6	11/28/00	ND(0.040)	0.11	0.045	0.155
	6-10	11/28/00	ND(0.80)	ND(0.80)	7.4	7.4
RAA2-36	0-1	11/29/00	ND(0.42)	4.9	1.5	6.4
	1-6	11/29/00	ND(0.40)	1.2	0.59	1.79
	6-15	11/29/00	ND(0.043)	0.20	0.091	0.291
RAA2-37	0-1	11/30/00	ND(0.040)	**2.1 J**	1.2	**3.3 J**
	1-6	11/30/00	ND(0.040)	0.77	0.35	1.12
	6-15	11/30/00	ND(0.040)	0.18	ND(0.040)	0.18
RAA2-38	0-1	12/5/00	ND(0.44)	5.9	ND(0.44)	5.9
	1-6	12/5/00	ND(0.21)	3.9	ND(0.21)	3.9
	6-15	12/5/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-39	0-1	11/27/00	ND(2.3)	66	ND(2.3)	66
	1-6	11/27/00	ND(0.040)	1.1	ND(0.040)	1.1
	6-15	11/27/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-40	0-1	12/7/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	12/7/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/7/00	ND(0.044)	ND(0.044)	0.086	0.086
RAA2-41	0-1	12/6/00	ND(0.041)	0.50	0.73	1.23
	1-6	12/6/00	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]
	6-15	12/6/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-42	1.4-6	1/8/01	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)
	6-15	1/8/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-43	0-1	12/1/00	ND(0.45)	3.0	3.8	6.8
RAA2-SB-1,S	0-1	11/27/00	ND(0.041)	1.2	0.97	2.17
RF-2	0-1	12/4/00	ND(0.042)	0.54	0.56	1.1
RF-16	0-1	1/2/01	ND(0.46)	ND(0.46)	5.9	5.9
	1-6	1/2/01	ND(0.053)	ND(0.053)	1.3	1.3
40s Complex						
95-17	0-1	12/18/00	ND(0.29)	1.4	1.8	3.2
RAA1-1	0-1	1/4/01	ND(0.047)	1.1	1.3	2.4
	1-6	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA1-2	0-1	12/19/00	ND(0.047)	0.070	0.089	0.159
	1-6	12/19/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/19/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA1-3	0-1	12/19/00	ND(0.044)	0.058	0.094	0.152
	1-6	12/19/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/19/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA1-4	0-1	1/2/01	ND(0.044)	0.046	0.022 J	0.068
	1-6	1/2/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/2/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA1-5	1-6	1/4/01	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
	6-9.8	1/4/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA1-6	0-1	1/8/01	ND(0.045)	ND(0.045)	0.071	0.071
	1-6	1/8/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	1/8/01	ND(4.9)	ND(4.9)	ND(4.9)	ND(4.9)
RAA1-7	0-1	12/18/00	ND(0.96)	15	ND(0.96)	15
	1-6	12/18/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/18/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA1-8	0-1	12/18/00	ND(0.057)	0.11	0.075	0.185
	1-3	12/18/00	ND(0.50)	3.1	2.8	5.9
RAA1-9	0-1	12/21/00	ND(0.046)	ND(0.046)	0.17	0.17
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA1-10	0-1	12/21/00	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBS

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA1-11	0-1	1/5/01	ND(0.045) [ND(0.043)]	1.2 [1.5]	ND(0.045) [ND(0.043)]	1.2 [1.5]
	1-4	1/5/01	ND(0.047)	0.26	ND(0.047)	0.26
RAA1-12	0-1	12/19/00	ND(0.30)	2.6	4.2	6.8
	1-6	12/19/00	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)
	6-15	12/19/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA1-13	0-1	12/21/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA1-14	0-1	12/18/00	ND(0.48)	11	8.7	19.7
	1-6	12/18/00	ND(0.044)	0.041 J	0.046	0.087
	6-15	12/18/00	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA1-15	0-1	12/29/00	ND(0.042)	0.029 J	0.028 J	0.057 J
	1-6	12/29/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	12/29/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA1-16	0-1	1/5/01	ND(0.048)	0.40	ND(0.048)	0.40
	1-6	1/5/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/5/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA1-17	0-1	12/21/00	ND(0.048)	0.63	0.90	1.53
	1-6	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/21/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RF-4	0-1	12/19/00	ND(0.041)	0.37	0.50	0.87
	6-15	12/19/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. Data validation has been performed on data set as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachussets, Blasland Bouck & Lee, Inc. (approved October 17, 2000). For a more comprehensive explanation of qualified sample results please reference Appendix C.
3. Samples 95-11 and 95-23 collected on 3/13/01 have not yet been validated.
4. Duplicate sample results are presented in brackets.
5. Qualified sample results are presented in bold font.
6. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
7. J - Indicates an estimated value less than the practical quantitation limit (PQL).
8. **J** - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process.

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex
Sample ID:	95-11	95-23	RAA3-1	RAA3-1	RAA3-2	RAA3-3	RAA3-3
Sample Depth(Feet):	0-1	0-1	6-13	8-10	0-1	1-2	1-6
Date Collected:	12/11/00	12/11/00	01/09/01	01/09/01	01/04/01	01/02/01	01/02/01
Volatile Organics							
Benzene	ND(0.0067)	ND(0.0079)	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS
Chlorobenzene	ND(0.0067)	ND(0.0079)	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS
Tetrachloroethene	ND(0.0067)	ND(0.0079)	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS
Trichloroethene	ND(0.0067)	ND(0.0079)	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS
Xylenes (total)	ND(0.0067)	ND(0.0079)	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2,4,5-Trichlorophenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2,4,6-Trichlorophenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2,4-Dichlorophenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2,4-Dimethylphenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2,4-Dinitrophenol	ND(2.3)	ND(2.7)	ND(2.1)	NS	ND(11)	NS	ND(2.4)
2,6-Dichlorophenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2-Acetylaminofluorene	**ND(0.90) J**	**ND(1.2) J**	**ND(0.82) J**	NS	ND(4.5)	NS	ND(0.96)
2-Chlorophenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2-Methylnaphthalene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2-Methylphenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
2-Nitrophenol	ND(0.90)	ND(1.0)	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)
3&4-Methylphenol	ND(0.90)	ND(1.0)	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)
3,3'-Dichlorobenzidine	**ND(2.3) J**	ND(2.7)	ND(2.1)	NS	ND(11)	NS	**ND(2.4) J**
3,3'-Dimethylbenzidine	**ND(2.3) J**	ND(3.1)	ND(2.1)	NS	ND(11)	NS	**ND(2.4) J**
3-Methylcholanthrene	R	ND(1.0)	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)
4,6-Dinitro-2-methylphenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	**ND(0.48) J**
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
4-Nitrophenol	ND(2.3)	ND(2.7)	ND(2.1)	NS	ND(11)	NS	ND(2.4)
7,12-Dimethylbenz(a)anthracene	R	ND(1.0)	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)
Acenaphthene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Acenaphthylene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Anthracene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Aramite	**ND(0.90) J**	ND(1.2)	**ND(0.82) J**	NS	**ND(4.5) J**	NS	**ND(0.96) J**
Benzidine	**ND(0.90) J**	**ND(1.0) J**	**ND(0.82) J**	NS	ND(4.5)	NS	**ND(0.96) J**
Benzo(a)anthracene	**ND(0.44) J**	0.72	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Benzo(a)pyrene	R	0.68	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Benzo(b)fluoranthene	R	ND(0.63)	ND(0.40)	NS	ND(2.2)	NS	ND(0.48)
Benzo(g,h,i)perylene	R	**ND(0.63) J**	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Benzo(k)fluoranthene	R	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
bis(2-Ethylhexyl)phthalate	**ND(0.44) J**	**ND(0.63) J**	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Butylbenzylphthalate	**ND(0.90) J**	ND(1.0)	**ND(0.82) J**	NS	ND(4.5)	NS	ND(0.96)
Chrysene	**ND(0.44) J**	0.72	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Dibenzo(a,h)anthracene	R	ND(1.0)	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)
Dibenzofuran	**ND(2.3) J**	**ND(0.63) J**	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Di-n-Butylphthalate	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Di-n-Octylphthalate	R	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Fluoranthene	0.64	1.5	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Fluorene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Hexachlorophene	R	**ND(1.2) J**	**ND(0.82) J**	NS	**ND(4.5) J**	NS	**ND(0.96) J**
Indeno(1,2,3-cd)pyrene	R	ND(1.0)	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)
Naphthalene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Pentachlorobenzene	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Pentachlorophenol	ND(2.3)	ND(2.7)	ND(2.1)	NS	ND(11)	NS	ND(2.4)
Phenanthrene	ND(0.44)	1.4	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Phenol	ND(0.44)	ND(0.63)	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)
Pyrene	**0.61 J**	1.5	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex 95-11 0-1 12/11/00	20s Complex 95-23 0-1 12/11/00	20s Complex RAA3-1 6-13 01/09/01	20s Complex RAA3-1 8-10 01/09/01	20s Complex RAA3-2 0-1 01/04/01	20s Complex RAA3-3 1-2 01/02/01	20s Complex RAA3-3 1-6 01/02/01
Furans								
2,3,7,8-TCDF		0.0000036	0.0000015	ND(0.000000060)	NS	0.0000058 w	NS	0.00000086
TCDFs (total)		0.000016	0.000012	ND(0.000000060)	NS	0.00013	NS	0.000013
1,2,3,7,8-PeCDF		0.0000013	0.0000020 I	ND(0.000000031)	NS	0.0000026	NS	0.00000052 J**
2,3,4,7,8-PeCDF		0.0000012	ND(0.00000031)	ND(0.000000095)	NS	0.000025	NS	0.0000018 J**
PeCDFs (total)		0.000025	0.000044	0.00000051 Q	NS	0.00044 I	NS	0.000036 I
1,2,3,4,7,8-HxCDF		0.000020 I	0.000081 I	0.00000014 J**	NS	0.000010	NS	0.00000088 J**
1,2,3,6,7,8-HxCDF		ND(0.00000068)	ND(0.0000010)	ND(0.00000018)	NS	0.0000089	NS	0.0000013 J**
1,2,3,7,8,9-HxCDF		ND(0.00000094)	ND(0.0000014)	ND(0.000000046)	NS	0.0000023	NS	ND(0.00000058)
2,3,4,6,7,8-HxCDF		ND(0.00000071)	ND(0.0000010)	0.00000015 J**	NS	0.000032	NS	0.0000045
HxCDFs (total)		0.000027	0.000074	0.0000015	NS	0.00041	NS	0.000056
1,2,3,4,6,7,8-HpCDF		0.0000062	0.0000097	0.00000030 J**	NS	0.000028	NS	0.0000062
1,2,3,4,7,8,9-HpCDF		0.0000012	0.00000090 w	0.000000090 w	NS	0.0000040	NS	0.00000044 J**
HpCDFs (total)		0.0000074	0.0000097	0.00000063	NS	0.000073	NS	0.000015
OCDF		ND(0.000020)	ND(0.000013)	0.00000040 J**	NS	0.000018	NS	0.0000019 J**
Total Furans		0.000095	0.00015	0.0000030	NS	0.0011	NS	0.00012
Dioxins								
2,3,7,8-TCDD		ND(0.00000011)	ND(0.00000011)	ND(0.000000048)	NS	ND(0.00000018)	NS	ND(0.00000070)
TCDDs (total)		ND(0.00000011)	ND(0.00000011)	ND(0.00000027)	NS	0.00000071	NS	ND(0.00000032)
1,2,3,7,8-PeCDD		ND(0.0000012)	ND(0.00000063)	ND(0.000000044)	NS	ND(0.0000012)	NS	0.00000016 w
PeCDDs (total)		ND(0.0000012)	ND(0.00000063)	ND(0.00000039) Q*	NS	0.0000020 I	NS	0.00000022
1,2,3,4,7,8-HxCDD		ND(0.00000087)	ND(0.00000046)	ND(0.000000070)	NS	ND(0.00000041)	NS	0.00000011 w
1,2,3,6,7,8-HxCDD		ND(0.00000070)	ND(0.00000037)	ND(0.000000074)	NS	ND(0.00000062)	NS	0.00000016 w
1,2,3,7,8,9-HxCDD		ND(0.00000074)	ND(0.00000039)	ND(0.000000067)	NS	ND(0.000000037)	NS	0.00000014 w
HxCDDs (total)		ND(0.00000070)	ND(0.00000037)	ND(0.00000037)	NS	0.0000070	NS	0.00000031
1,2,3,4,6,7,8-HpCDD		0.0000055	0.0000090	ND(0.00000018)	NS	0.0000051	NS	0.0000012 J**
HpCDDs (total)		0.0000095	0.000017	ND(0.00000048)	NS	0.000011	NS	0.0000025
OCDD		0.000053 B	0.000060 B	ND(0.000000081)	NS	0.000021	NS	0.0000057
Total Dioxins		0.000063	0.000077	0.00000066	NS	0.000042	NS	0.0000087
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(20.0)	ND(24.0)	ND(18.0)	NS	ND(20.0)	NS	ND(22.0)
Barium		230	57.0	ND(37.0)	NS	42.0	NS	ND(43.0)
Beryllium		0.300	0.400	ND(0.180)	NS	ND(0.200)	NS	0.270
Cadmium		ND(2.00)	ND(2.40)	ND(1.80)	NS	ND(2.00)	NS	ND(2.20)
Chromium		16.0	12.0	5.00	NS	ND(5.40)	NS	12.0
Cobalt		13.0	13.0	ND(9.20)	NS	43.0	NS	11.0
Copper		310	32.0	ND(18.0)	NS	21.0	NS	31.0
Cyanide		ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)
Lead		64.0	54.0	6.30	NS	10.0	NS	15.0
Mercury		0.560	ND(0.310)	ND(0.250)	NS	ND(0.270)	NS	ND(0.290)
Nickel		27.0	18.0	10.0	NS	18.0	NS	22.0
Selenium		ND(1.00)	ND(1.20)	ND(0.920)	NS	ND(1.00)	NS	ND(1.10)
Silver		ND(1.00)	ND(1.20)	**ND(0.920) J**	NS	ND(1.00)	NS	ND(1.10)
Sulfide		ND(6.70)	ND(7.90)	15.0	NS	10.0	NS	160
Thallium		**ND(2.2) J**	**ND(2.0) J**	**ND(1.80) J**	NS	**ND(2.0) J**	NS	**ND(2.20) J**
Tin		ND(60.0)	ND(71.0)	ND(55.0)	NS	ND(60.0)	NS	ND(65.0)
Vanadium		11.0	13.0	ND(9.20)	NS	ND(10.0)	NS	ND(11.0)
Zinc		170	87.0	37.0	NS	31.0	NS	74.0

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-4 0-1 01/09/01	20s Complex RAA3-5 6-15 12/13/00	20s Complex RAA3-5 8-10 12/13/00	20s Complex RAA3-6 0-1 12/15/00	20s Complex RAA3-7 1-2 01/10/01	20s Complex RAA3-7 1-6 01/10/01	20s Complex RAA3-8 0-1 01/10/01
Volatile Organics							
Benzene	ND(0.0090)	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Chlorobenzene	ND(0.0090)	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Tetrachloroethene	ND(0.0090)	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Trichloroethene	ND(0.0090)	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Xylenes (total)	ND(0.0090)	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2,4,5-Trichlorophenol	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2,4,6-Trichlorophenol	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2,4-Dichlorophenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2,4-Dimethylphenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2,4-Dinitrophenol	ND(3.0)	ND(2.1)	NS	ND(4.6)	NS	ND(2.2)	ND(2.3)
2,6-Dichlorophenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Acetylaminofluorene	ND(1.2)	**ND(0.82) J**	NS	R	NS	ND(0.88)	ND(0.92)
2-Chlorophenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Methylnaphthalene	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Methylphenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Nitrophenol	ND(1.2)	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
3&4-Methylphenol	ND(1.2)	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
3,3'-Dichlorobenzidine	ND(3.0)	ND(2.1)	NS	R	NS	ND(2.2)	ND(2.3)
3,3'-Dimethylbenzidine	ND(3.0)	ND(2.1)	NS	R	NS	ND(2.2)	ND(2.3)
3-Methylcholanthrene	ND(1.2)	ND(0.82)	NS	R	NS	ND(0.88)	ND(0.92)
4,6-Dinitro-2-methylphenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
4-Chloro-3-Methylphenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
4-Nitrophenol	ND(3.0)	ND(2.1)	NS	**ND(4.6) J**	NS	ND(2.2)	ND(2.3)
7,12-Dimethylbenz(a)anthracene	ND(1.2)	**ND(0.82) J**	NS	R	NS	ND(0.88)	ND(0.92)
Acenaphthene	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Acenaphthylene	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	0.84	ND(0.46)
Anthracene	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Aramite	**ND(1.2) J**	ND(0.82)	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Benzidine	**ND(1.2) J**	**ND(0.82) J**	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Benzo(a)anthracene	ND(0.60)	ND(0.41)	NS	R	NS	1.5	1.9
Benzo(a)pyrene	ND(0.60)	ND(0.41)	NS	R	NS	1.8	0.61
Benzo(b)fluoranthene	ND(0.60)	ND(0.41)	NS	R	NS	1.1	1.3
Benzo(g,h,i)perylene	ND(0.60)	ND(0.41)	NS	R	NS	1.8	1.3 J
Benzo(k)fluoranthene	ND(0.60)	ND(0.41)	NS	R	NS	1.2	2.0
bis(2-Ethylhexyl)phthalate	ND(0.60)	ND(0.41)	NS	R	NS	ND(0.43)	ND(0.46)
Butylbenzylphthalate	**ND(1.2) J**	ND(0.82)	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Chrysene	ND(0.60)	ND(0.41)	NS	R	NS	1.4	3.0
Dibenzo(a,h)anthracene	ND(1.2)	ND(0.82)	NS	R	NS	ND(0.88)	ND(4.6)
Dibenzofuran	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Di-n-Butylphthalate	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Di-n-Octylphthalate	ND(0.60)	ND(0.41)	NS	R	NS	ND(0.43)	ND(0.46)
Fluoranthene	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	1.5	3.4
Fluorene	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Hexachlorophene	**ND(1.2) J**	**ND(0.82) J**	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Indeno(1,2,3-cd)pyrene	ND(1.2)	ND(0.82)	NS	R	NS	1.5	1.1
Naphthalene	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Pentachlorobenzene	ND(0.60)	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Pentachlorophenol	ND(3.0)	ND(2.1)	NS	**ND(4.6) J**	NS	ND(2.2)	ND(2.3)
Phenanthrene	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	0.71	4.1
Phenol	ND(0.60)	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Pyrene	ND(0.60)	ND(0.41)	NS	R	NS	3.1	7.5

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area:	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex
Sample ID:	RAA3-4	RAA3-5	RAA3-5	RAA3-6	RAA3-7	RAA3-7	RAA3-8
Sample Depth(Feet):	0-1	6-15	8-10	0-1	1-2	1-6	0-1
Date Collected:	01/09/01	12/13/00	12/13/00	12/15/00	01/10/01	01/10/01	01/10/01
Furans							
2,3,7,8-TCDF	0.0000024	**0.0000048 J**	NS	0.000016	NS	0.00000081	0.0000021
TCDFs (total)	0.000030 I	ND(0.00000068)	NS	0.00013	NS	0.0000052 I	0.000012 I
1,2,3,7,8-PeCDF	0.0000013 J**	ND(0.00000067)	NS	0.0000058	NS	0.00000032 J**	0.00000074 J**
2,3,4,7,8-PeCDF	0.0000073	ND(0.00000065)	NS	0.000025	NS	0.00000051 J**	0.0000012 J**
PeCDFs (total)	0.000070 I	0.000020	NS	0.00026	NS	0.0000041 I	0.000013 I
1,2,3,4,7,8-HxCDF	0.0000062	**0.000023 J**	NS	0.000016	NS	0.00000032 J**	0.00000069 J**
1,2,3,6,7,8-HxCDF	0.0000024	**ND(0.0000030) J**	NS	0.0000090	NS	0.00000023 J**	0.00000053 J**
1,2,3,7,8,9-HxCDF	0.0000011 J**	**ND(0.0000039) J**	NS	0.0000044	NS	ND(0.000000054)	ND(0.000000084)
2,3,4,6,7,8-HxCDF	0.0000068	**ND(0.0000030) J**	NS	0.000023	NS	0.00000026 J**	0.0000011 J**
HxCDFs (total)	0.000084	ND(0.0000030)	NS	0.00028	NS	0.0000036	0.000014
1,2,3,4,6,7,8-HpCDF	0.0000088	0.0000074	NS	0.000024	NS	0.00000054 J**	0.0000021 J**
1,2,3,4,7,8,9-HpCDF	0.0000027	ND(0.0000015)	NS	0.0000044	NS	0.000000085 J**	0.00000024 J**
HpCDFs (total)	0.000025	0.0000085	NS	0.000066	NS	0.0000011	0.0000048
OCDF	0.000015	0.0000049	NS	0.000021	NS	0.00000050 J**	0.0000017 J**
Total Furans	0.00022	0.000033	NS	0.00076	NS	0.000015	0.000046
Dioxins							
2,3,7,8-TCDD	ND(0.000000056)	ND(0.00000058)	NS	0.00000050 w	NS	ND(0.000000057)	ND(0.000000077)
TCDDs (total)	ND(0.00000029)	ND(0.00000058)	NS	0.0000027	NS	0.00000013	0.00000012
1,2,3,7,8-PeCDD	0.00000052 w	ND(0.0000020)	NS	ND(0.0000013)	NS	0.000000074 w	0.00000013 w
PeCDDs (total)	0.00000037 I	ND(0.0000020)	NS	0.0000039	NS	0.00000011 I	0.00000051 I
1,2,3,4,7,8-HxCDD	0.000000098 J**	ND(0.00000058)	NS	0.00000038 J**	NS	ND(0.000000048)	0.000000092 J**
1,2,3,6,7,8-HxCDD	0.00000023 J**	ND(0.00000056)	NS	0.0000010 J**	NS	0.00000011 J**	0.00000022 J**
1,2,3,7,8,9-HxCDD	0.00000014 J**	ND(0.00000055)	NS	0.00000064 J**	NS	0.000000064 J**	0.00000013 J**
HxCDDs (total)	0.0000013	ND(0.00000056)	NS	0.000012	NS	0.00000067	0.0000020
1,2,3,4,6,7,8-HpCDD	0.0000032	0.0000016 w	NS	0.000019	NS	0.00000086 J**	0.0000028
HpCDDs (total)	0.0000064	ND(0.00000052)	NS	0.000038	NS	ND(0.0000033)	0.0000055
OCDD	0.000018	0.000012 B	NS	0.00013	NS	ND(0.0000015)	0.000015
Total Dioxins	0.000026	0.000012	NS	0.00019	NS	0.0000057	0.000023
WHO TEF	NS	**0.0000048 J**	NS	NS	NS	NS	NS
Inorganics							
Arsenic	ND(27.0)	ND(18.0)	NS	ND(20.0)	NS	ND(20.0)	ND(21.0)
Barium	ND(54.0)	ND(36.0)	NS	52.0	NS	ND(39.0)	ND(41.0)
Beryllium	ND(0.270)	ND(0.180)	NS	0.350	NS	0.200	ND(0.210)
Cadmium	ND(2.70)	ND(1.80)	NS	ND(2.00)	NS	ND(2.00)	ND(2.10)
Chromium	7.40	9.10	NS	9.80	NS	10.0	6.80
Cobalt	35.0	ND(9.10)	NS	ND(10.0)	NS	15.0	ND(10.0)
Copper	29.0	26.0	NS	37.0	NS	36.0	28.0
Cyanide	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)
Lead	15.0	34.0	NS	38.0	NS	14.0	26.0
Mercury	ND(0.360)	ND(0.240)	NS	ND(0.270)	NS	ND(0.260)	ND(0.270)
Nickel	17.0	13.0	NS	15.0	NS	19.0	14.0
Selenium	ND(1.30)	**ND(0.910) J**	NS	ND(1.00)	NS	ND(0.980)	ND(1.00)
Silver	**ND(1.30) J**	ND(0.910)	NS	ND(1.00)	NS	ND(0.980)	ND(1.00)
Sulfide	14.0	**ND(6.10) J**	NS	8.70	NS	10.0	17.0
Thallium	**ND(2.70) J**	**ND(1.80) J**	NS	**ND(2.00) J**	NS	ND(2.00)	ND(2.10)
Tin	ND(81.0)	ND(55.0)	NS	ND(62.0)	NS	ND(59.0)	ND(62.0)
Vanadium	ND(13.0)	ND(9.10)	NS	13.0	NS	ND(9.80)	ND(10.0)
Zinc	38.0	58.0	NS	89.0	NS	49.0	46.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-16 0-1 12/29/00	20s Complex RAA3-17 6-8 12/29/00	20s Complex RAA3-17 6-15 12/29/00	20s Complex RAA3-18 0-1 12/12/00	20s Complex RAA3-19 1-2 12/15/00	20s Complex RAA3-19 1-6 12/15/00	20s Complex RAA3-20 0-1 12/18/00
Volatile Organics							
Benzene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS	ND(0.0062)
Chlorobenzene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS	ND(0.0062)
Tetrachloroethene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS	ND(0.0062)
Trichloroethene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS	ND(0.0062)
Xylenes (total)	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS	ND(0.0062)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2,4,5-Trichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2,4,6-Trichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2,4-Dichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2,4-Dimethylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2,4-Dinitrophenol	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.1)
2,6-Dichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2-Acetylaminofluorene	ND(5.1)	NS	ND(4.2)	**ND(0.95) J**	NS	ND(0.79)	ND(0.83)
2-Chlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2-Methylnaphthalene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2-Methylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
2-Nitrophenol	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)	ND(0.83)
3&4-Methylphenol	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)	ND(0.83)
3,3'-Dichlorobenzidine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.1)
3,3'-Dimethylbenzidine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.1)
3-Methylcholanthrene	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	**ND(0.79) J**	ND(0.83)
4,6-Dinitro-2-methylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
4-Chloro-3-Methylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
4-Nitrophenol	**ND(13) J**	NS	**ND(11) J**	ND(2.4)	NS	**ND(2.0) J**	ND(2.1)
7,12-Dimethylbenz(a)anthracene	ND(5.1)	NS	ND(4.2)	**ND(0.95) J**	NS	**ND(0.79) J**	**ND(0.83) J**
Acenaphthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Acenaphthylene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Anthracene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Aramite	**ND(5.1) J**	NS	**ND(4.2) J**	ND(0.95)	NS	ND(0.79)	ND(0.83)
Benzidine	**ND(5.1) J**	NS	**ND(4.2) J**	**ND(0.95) J**	NS	**ND(0.79) J**	**ND(0.83) J**
Benzo(a)anthracene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	0.75
Benzo(a)pyrene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**	0.68
Benzo(b)fluoranthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**	0.50
Benzo(g,h,i)perylene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**	1.0
Benzo(k)fluoranthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**	0.64
bis(2-Ethylhexyl)phthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Butylbenzylphthalate	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)	ND(0.83)
Chrysene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	0.72
Dibenzo(a,h)anthracene	ND(5.1)	NS	ND(4.2)	**ND(0.95) J**	NS	**ND(0.79) J**	**ND(0.83) J**
Dibenzofuran	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Di-n-Butylphthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Di-n-Octylphthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**	ND(0.41)
Fluoranthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	1.1
Fluorene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Hexachlorophene	**ND(5.1) J**	NS	**ND(4.2) J**	**ND(0.95) J**	NS	**ND(0.79) J**	ND(0.83)
Indeno(1,2,3-cd)pyrene	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	**ND(0.79) J**	ND(0.83)
Naphthalene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Pentachlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Pentachlorophenol	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.1)
Phenanthrene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	0.42
Phenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	ND(0.41)
Pyrene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)	1.1

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex RAA3-16 0-1 12/29/00	20s Complex RAA3-17 6-8 12/29/00	20s Complex RAA3-17 6-15 12/29/00	20s Complex RAA3-18 0-1 12/12/00	20s Complex RAA3-19 1-2 12/15/00	20s Complex RAA3-19 1-6 12/15/00	20s Complex RAA3-20 0-1 12/18/00
Furans								
2,3,7,8-TCDF		0.0000013	NS	0.0000014	0.0000010	NS	0.0000020	0.0000060
TCDFs (total)		0.000011	NS	0.0000098	0.0000089	NS	0.000015	0.000024
1,2,3,7,8-PeCDF		0.00000048 J**	NS	0.0000012 J**	0.00000064 J**w	NS	0.00000052 J**	0.0000025
2,3,4,7,8-PeCDF		0.0000015 J**	NS	0.0000035	0.00000028 J**w	NS	0.0000015 J**	0.0000021 J**
PeCDFs (total)		0.000016	NS	0.000027	0.000028	NS	0.000017	0.000016
1,2,3,4,7,8-HxCDF		0.00000056 J**	NS	0.0000099	ND(0.0000039)	NS	0.00000061 J**	0.0000016 J**
1,2,3,6,7,8-HxCDF		0.00000055 J**	NS	0.0000015 J**	ND(0.0000036)	NS	0.00000056 J**	0.0000012 J**
1,2,3,7,8,9-HxCDF		ND(0.00000014)	NS	0.00000080 J**	ND(0.0000049)	NS	ND(0.000000073)	ND(0.00000011)
2,3,4,6,7,8-HxCDF		0.0000010 J**	NS	0.0000023 J**	ND(0.0000037)	NS	0.0000014 J**	0.00000082 J**
HxCDFs (total)		0.000014	NS	0.000036	0.000022	NS	0.000017	0.000012
1,2,3,4,6,7,8-HpCDF		0.0000028	NS	0.0000092	0.0000034	NS	0.0000016 J**	0.0000015 J**
1,2,3,4,7,8,9-HpCDF		0.00000020 J**	NS	0.0000051	0.0000011	NS	0.00000026 J**	0.00000016 J**
HpCDFs (total)		0.0000064	NS	0.000029	0.0000051	NS	0.0000040	0.0000027
OCDF		0.0000036 J**	NS	0.000039	ND(0.0000076)	NS	0.0000010 J**	0.00000066 w
Total Furans		0.000051	NS	0.00014	0.000072	NS	0.000054	0.000055
Dioxins								
2,3,7,8-TCDD		ND(0.000000077)	NS	0.00000018 w	ND(0.00000037)	NS	0.00000012 w	0.00000018 w
TCDDs (total)		ND(0.00000020)	NS	0.00000050	ND(0.00000037)	NS	0.000000092	0.000018
1,2,3,7,8-PeCDD		0.00000017 w	NS	ND(0.00000012)	ND(0.0000018)	NS	ND(0.000000099)	0.00000044 J**
PeCDDs (total)		0.00000086	NS	ND(0.00000039)	ND(0.0000018)	NS	0.00000023	0.000016
1,2,3,4,7,8-HxCDD		0.00000012 J**	NS	ND(0.000000079)	ND(0.0000018)	NS	ND(0.000000043)	0.00000031 J**
1,2,3,6,7,8-HxCDD		0.00000041 J**	NS	0.00000026 J**	ND(0.0000014)	NS	ND(0.00000012)	0.00000062 J**
1,2,3,7,8,9-HxCDD		0.00000028 J**	NS	0.00000011 w	ND(0.0000015)	NS	ND(0.000000084)	0.00000041 J**
HxCDDs (total)		0.0000029	NS	0.0000015	ND(0.0000014)	NS	0.00000033	0.000013
1,2,3,4,6,7,8-HpCDD		0.0000070	NS	0.000010	0.0000018	NS	0.00000086 J**	0.0000032
HpCDDs (total)		0.000016	NS	0.000018	0.0000031	NS	0.0000015	0.0000058
OCDD		0.000046	NS	0.00010	0.000013 B	NS	ND(0.0000034)	0.000012
Total Dioxins		0.000066	NS	0.00012	0.000016	NS	0.0000056	0.000065
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(23.0)	NS	ND(19.0)	ND(21.0)	NS	ND(18.0)	ND(19.0)
Barium		ND(46.0)	NS	ND(38.0)	59.0	NS	ND(35.0)	ND(37.0)
Beryllium		0.390	NS	0.250	0.350	NS	ND(0.180)	ND(0.190)
Cadmium		ND(2.30)	NS	ND(1.90)	ND(2.10)	NS	ND(1.80)	ND(1.90)
Chromium		14.0	NS	11.0	12.0	NS	ND(4.70)	6.20
Cobalt		ND(11.0)	NS	14.0	ND(11.0)	NS	ND(8.90)	ND(9.30)
Copper		26.0	NS	47.0	ND(21.0)	NS	ND(18.0)	26.0
Cyanide		ND(3.00)	NS	ND(1.00)	ND(1.00)	NS	3.40	ND(1.00)
Lead		32.0	NS	32.0	20.0	NS	4.80	16.0
Mercury		ND(0.300)	NS	ND(0.250)	0.880	NS	ND(0.240)	ND(0.250)
Nickel		19.0	NS	22.0	18.0	NS	ND(7.10)	14.0
Selenium		ND(1.10)	NS	ND(0.960)	ND(1.10)	NS	ND(0.890)	ND(0.930)
Silver		ND(1.10)	NS	ND(0.960)	ND(1.10)	NS	ND(0.890)	ND(0.930)
Sulfide		ND(7.60)	NS	ND(6.40)	14.0	NS	9.40	9.90
Thallium		ND(2.30)	NS	ND(1.90)	**ND(2.10) J**	NS	**ND(1.80) J**	ND(1.90)
Tin		ND(68.0)	NS	ND(57.0)	ND(64.0)	NS	ND(53.0)	ND(56.0)
Vanadium		12.0	NS	ND(9.60)	15.0	NS	ND(8.90)	ND(9.30)
Zinc		78.0	NS	63.0	56.0	NS	14.0	41.0

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-23 0-1 12/26/00	20s Complex RAA3-24 6-8 12/13/00	20s Complex RAA3-24 6-15 12/13/00	20s Complex RAA3-25 1-3 12/13/00	20s Complex RAA3-25 2-3 12/13/00	20s Complex RAA3-26 1-3.8 12/26/00
Volatile Organics						
Benzene	ND(0.0084)	ND(0.0066)	NS	NS	ND(0.0068) [ND(0.0065)]	NS
Chlorobenzene	ND(0.0084)	0.021	NS	NS	ND(0.0068) [ND(0.0065)]	NS
Tetrachloroethene	ND(0.0084)	ND(0.0066)	NS	NS	ND(0.0068) [ND(0.0065)]	NS
Trichloroethene	ND(0.0084)	ND(0.0066)	NS	NS	ND(0.0068) [ND(0.0065)]	NS
Xylenes (total)	ND(0.0084)	ND(0.0066)	NS	NS	ND(0.0068) [ND(0.0065)]	NS
Semivolatile Organics						
2,3,4,6-Tetrachlorophenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2,4,5-Trichlorophenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2,4,6-Trichlorophenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2,4-Dichlorophenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2,4-Dimethylphenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2,4-Dinitrophenol	ND(30)	NS	ND(2.2)	ND(2.2)	NS	ND(12)
2,6-Dichlorophenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2-Acetylaminofluorene	ND(12)	NS	**ND(1.7) J**	**ND(0.87) J**	NS	ND(5.0)
2-Chlorophenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2-Methylnaphthalene	ND(6.0)	NS	4.7	ND(0.43)	NS	ND(2.5)
2-Methylphenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
2-Nitrophenol	ND(12)	NS	ND(0.86)	ND(0.87)	NS	ND(5.0)
3&4-Methylphenol	ND(12)	NS	ND(0.86)	ND(0.87)	NS	ND(5.0)
3,3'-Dichlorobenzidine	ND(30)	NS	ND(2.2)	**ND(2.2) J**	NS	ND(12)
3,3'-Dimethylbenzidine	ND(30)	NS	ND(4.2)	**ND(2.2) J**	NS	ND(12)
3-Methylcholanthrene	ND(12)	NS	ND(0.86)	R	NS	ND(5.0)
4,6-Dinitro-2-methylphenol	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)	NS	**ND(2.5) J**
4-Chloro-3-Methylphenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
4-Nitrophenol	ND(30)	NS	ND(2.2)	ND(2.2)	NS	ND(12)
7,12-Dimethylbenz(a)anthracene	ND(12)	NS	**ND(0.86) J**	R	NS	ND(5.0)
Acenaphthene	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Acenaphthylene	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Anthracene	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Aramite	**ND(12) J**	NS	ND(1.7)	**ND(0.87) J**	NS	**ND(5.0) J**
Benzidine	ND(12)	NS	**ND(0.86) J**	**ND(0.87) J**	NS	ND(5.0)
Benzo(a)anthracene	ND(6.0)	NS	ND(0.85)	**0.63 J**	NS	ND(2.5)
Benzo(a)pyrene	ND(6.0)	NS	ND(0.85)	**0.75 J**	NS	ND(2.5)
Benzo(b)fluoranthene	ND(6.0)	NS	ND(0.85)	**0.66 J**	NS	ND(2.5)
Benzo(g,h,i)perylene	ND(6.0)	NS	ND(0.85)	R	NS	ND(2.5)
Benzo(k)fluoranthene	ND(6.0)	NS	ND(0.85)	**0.48 J**	NS	ND(2.5)
bis(2-Ethylhexyl)phthalate	ND(6.0)	NS	ND(0.85)	**ND(0.43) J**	NS	ND(2.5)
Butylbenzylphthalate	ND(12)	NS	ND(0.86)	**ND(0.87) J**	NS	ND(5.0)
Chrysene	ND(6.0)	NS	ND(0.85)	**0.70 J**	NS	ND(2.5)
Dibenzo(a,h)anthracene	ND(12)	NS	ND(0.86)	R	NS	ND(5.0)
Dibenzofuran	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Di-n-Butylphthalate	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Di-n-Octylphthalate	ND(6.0)	NS	ND(0.85)	R	NS	ND(2.5)
Fluoranthene	ND(6.0)	NS	ND(0.85)	0.96	NS	ND(2.5)
Fluorene	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Hexachlorophene	**ND(12) J**	NS	**ND(1.7) J**	R	NS	**ND(5.0) J**
Indeno(1,2,3-cd)pyrene	ND(12)	NS	ND(0.86)	R	NS	ND(5.0)
Naphthalene	ND(6.0)	NS	5.8	ND(0.43)	NS	ND(2.5)
Pentachlorobenzene	ND(6.0)	NS	ND(0.85)	0.46	NS	ND(2.5)
Pentachlorophenol	ND(30)	NS	ND(2.2)	ND(2.2)	NS	ND(12)
Phenanthrene	ND(6.0)	NS	ND(0.85)	0.69	NS	ND(2.5)
Phenol	ND(6.0)	NS	ND(0.85)	ND(0.43)	NS	ND(2.5)
Pyrene	ND(6.0)	NS	ND(0.85)	**0.82 J**	NS	ND(2.5)

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex RAA3-23 0-1 12/26/00	20s Complex RAA3-24 6-8 12/13/00	20s Complex RAA3-24 6-15 12/13/00	20s Complex RAA3-25 1-3 12/13/00	20s Complex RAA3-25 2-3 12/13/00	20s Complex RAA3-26 1-3.8 12/26/00
Furans							
2,3,7,8-TCDF		0.00000070	NS	**0.0000032 J**	**ND(0.0000020) J**	NS	0.000036
TCDFs (total)		0.0000064	NS	0.0000082	ND(0.0000020)	NS	0.00037
1,2,3,7,8-PeCDF		0.00000042 J**	NS	0.0000018 w	0.0000072 w	NS	0.0000221
2,3,4,7,8-PeCDF		0.0000014 J**	NS	0.0000018	0.0000075	NS	0.00014
PeCDFs (total)		0.000016	NS	0.0000099	0.0000075	NS	0.00171
1,2,3,4,7,8-HxCDF		0.00000064 J**	NS	**0.000018 J**	**0.000041 J**	NS	0.000053
1,2,3,6,7,8-HxCDF		0.00000072 J**	NS	**ND(0.0000022) J**	**ND(0.0000067) J**	NS	0.000057
1,2,3,7,8,9-HxCDF		0.00000022 J**	NS	**ND(0.0000028) J**	**ND(0.0000086) J**	NS	0.000017
2,3,4,6,7,8-HxCDF		0.0000016 J**	NS	**ND(0.0000022) J**	**ND(0.0000067) J**	NS	0.00023
HxCDFs (total)		0.000022	NS	0.0000079	ND(0.0000067)	NS	0.00281
1,2,3,4,6,7,8-HpCDF		0.0000034	NS	0.0000050	0.000024	NS	0.00020
1,2,3,4,7,8,9-HpCDF		0.00000028 J**	NS	0.0000020	0.0000067	NS	0.000022
HpCDFs (total)		0.0000075	NS	0.0000079	0.000035	NS	0.00056
OCDF		0.0000032 J**	NS	0.000013	0.000090	NS	0.000084
Total Furans		0.000055	NS	0.000047	0.00013	NS	0.0055
Dioxins							
2,3,7,8-TCDD		0.00000022 w	NS	ND(0.00000022)	ND(0.00000073)	NS	0.00000038 w
TCDDs (total)		0.00000014	NS	ND(0.00000022)	ND(0.00000073)	NS	0.0000040
1,2,3,7,8-PeCDD		ND(0.00000022)	NS	ND(0.0000014)	ND(0.000032)	NS	0.0000018 w
PeCDDs (total)		0.00000036	NS	ND(0.0000014)	ND(0.000032)	NS	0.0000055 I
1,2,3,4,7,8-HxCDD		0.00000016 J**	NS	ND(0.0000015)	ND(0.0000076)	NS	0.0000038
1,2,3,6,7,8-HxCDD		0.00000044 w	NS	ND(0.0000014)	ND(0.0000072)	NS	0.0000036
1,2,3,7,8,9-HxCDD		0.00000031 w	NS	ND(0.0000014)	ND(0.0000071)	NS	0.0000023
HxCDDs (total)		0.0000020	NS	ND(0.0000014)	ND(0.0000072)	NS	0.000044
1,2,3,4,6,7,8-HpCDD		0.0000070	NS	0.0000021	0.0000070	NS	0.000033
HpCDDs (total)		0.000013	NS	0.0000021	0.0000070	NS	0.000070
OCDD		0.000044	NS	0.000015 B	0.000066 B	NS	0.000082
Total Dioxins		0.000060	NS	0.000017	0.000073	NS	0.00021
WHO TEF		NS	NS	**0.0000032 J**	**ND(0.0000020) J**	NS	NS
Inorganics							
Arsenic		ND(22.0)	NS	ND(19.0)	ND(19.0)	NS	ND(19.0)
Barium		91.0	NS	ND(38.0)	ND(39.0)	NS	ND(37.0)
Beryllium		0.410	NS	ND(0.510)	ND(0.240)	NS	0.210
Cadmium		ND(2.20)	NS	ND(1.90)	ND(1.90)	NS	ND(1.90)
Chromium		17.0	NS	10.0	11.0	NS	8.60
Cobalt		12.0	NS	11.0	ND(9.70)	NS	ND(9.30)
Copper		24.0	NS	23.0	ND(19.0)	NS	ND(19.0)
Cyanide		ND(1.00)	NS	ND(6.40)	3.20	NS	ND(1.00)
Lead		25.0	NS	17.0	25.0	NS	4.80
Mercury		ND(0.300)	NS	ND(0.260)	ND(0.260)	NS	ND(0.250)
Nickel		21.0	NS	17.0	15.0	NS	11.0
Selenium		ND(1.10)	NS	**ND(0.960) J**	**ND(0.970) J**	NS	ND(0.930)
Silver		ND(1.10)	NS	ND(0.960)	ND(0.970)	NS	ND(0.930)
Sulfide		28.0	NS	**ND(6.40) J**	**ND(6.50) J**	NS	18.0
Thallium		ND(2.20)	NS	**ND(1.90) J**	**ND(1.90) J**	NS	ND(1.90)
Tin		ND(68.0)	NS	ND(57.0)	ND(58.0)	NS	ND(56.0)
Vanadium		16.0	NS	9.90	11.0	NS	10.0
Zinc		73.0	NS	60.0	57.0	NS	34.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex RAA3-26 2-3.8 12/26/00	20s Complex RAA3-27 0-1 12/12/00	20s Complex RAA3-28 6-15 12/12/00	20s Complex RAA3-28 14-15 12/12/00	20s Complex RAA3-29 1-6 12/08/00	20s Complex RAA3-29 4-6 12/08/00
Volatile Organics						
Benzene	ND(0.0066)	ND(0.0082)	NS	ND(0.0095)	NS	ND(0.0064)
Chlorobenzene	ND(0.0066)	ND(0.0082)	NS	ND(0.0095)	NS	ND(0.0064)
Tetrachloroethene	ND(0.0066)	ND(0.0082)	NS	ND(0.0095)	NS	ND(0.0064)
Trichloroethene	ND(0.0066)	ND(0.0082)	NS	ND(0.0095)	NS	ND(0.0064)
Xylenes (total)	ND(0.0066)	ND(0.0082)	NS	ND(0.0095)	NS	ND(0.0064)
Semivolatile Organics						
2,3,4,6-Tetrachlorophenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2,4,5-Trichlorophenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2,4,6-Trichlorophenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2,4-Dichlorophenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2,4-Dimethylphenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2,4-Dinitrophenol	NS	ND(2.6)	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS
2,6-Dichlorophenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2-Acetylaminofluorene	NS	**ND(1.0) J**	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS
2-Chlorophenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2-Methylnaphthalene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2-Methylphenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
2-Nitrophenol	NS	ND(1.0)	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS
3&4-Methylphenol	NS	ND(1.0)	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS
3,3'-Dichlorobenzidine	NS	ND(2.6)	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS
3,3'-Dimethylbenzidine	NS	ND(2.6)	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS
3-Methylcholanthrene	NS	ND(1.0)	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
4-Chloro-3-Methylphenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
4-Nitrophenol	NS	ND(2.6)	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS
7,12-Dimethylbenz(a)anthracene	NS	**ND(1.0) J**	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS
Acenaphthene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Acenaphthylene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Anthracene	NS	0.52	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Aramite	NS	ND(1.0)	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS
Benzidine	NS	**ND(1.0) J**	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS
Benzo(a)anthracene	NS	1.3	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Benzo(a)pyrene	NS	1.1	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Benzo(b)fluoranthene	NS	0.76	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Benzo(g,h,i)perylene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Benzo(k)fluoranthene	NS	0.84	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Butylbenzylphthalate	NS	ND(1.0)	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS
Chrysene	NS	1.1	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Dibenzo(a,h)anthracene	NS	**ND(1.0) J**	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS
Dibenzofuran	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Di-n-Butylphthalate	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Di-n-Octylphthalate	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Fluoranthene	NS	2.9	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Fluorene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Hexachlorophene	NS	**ND(1.0) J**	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS
Indeno(1,2,3-cd)pyrene	NS	ND(1.0)	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS
Naphthalene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Pentachlorobenzene	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Pentachlorophenol	NS	ND(2.6)	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS
Phenanthrene	NS	2.5	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Phenol	NS	ND(0.52)	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS
Pyrene	NS	2.2	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex RAA3-26 2-3.8 12/26/00	20s Complex RAA3-27 0-1 12/12/00	20s Complex RAA3-28 6-15 12/12/00	20s Complex RAA3-28 14-15 12/12/00	20s Complex RAA3-29 1-6 12/08/00	20s Complex RAA3-29 4-6 12/08/00
Furans							
2,3,7,8-TCDF		NS	ND(0.00000062)	ND(0.00000044) [ND(0.00000040)]	NS	0.00000072	NS
TCDFs (total)		NS	0.000014	ND(0.00000044) [ND(0.00000040)]	NS	0.0000078	NS
1,2,3,7,8-PeCDF		NS	0.000016 w	ND(0.00000058) [ND(0.00000037)]	NS	0.00000028 J**	NS
2,3,4,7,8-PeCDF		NS	ND(0.0000012)	ND(0.00000057) [ND(0.00000037)]	NS	0.00000095 J**	NS
PeCDFs (total)		NS	0.00013	ND(0.00000057) [ND(0.00000037)]	NS	0.000015	NS
1,2,3,4,7,8-HxCDF		NS	ND(0.0000034)	ND(0.00000044) [0.00000018 J**]	NS	0.00000042 J**	NS
1,2,3,6,7,8-HxCDF		NS	ND(0.0000030)	ND(0.00000040) [ND(0.00000018)]	NS	0.00000045 J**	NS
1,2,3,7,8,9-HxCDF		NS	ND(0.0000042)	ND(0.00000054) [ND(0.00000025)]	NS	ND(0.00000015)	NS
2,3,4,6,7,8-HxCDF		NS	ND(0.0000032)	ND(0.00000041) [ND(0.00000019)]	NS	0.0000012 J**	NS
HxCDFs (total)		NS	0.00022	0.00000078 [ND(0.00000018)]	NS	0.000015	NS
1,2,3,4,6,7,8-HpCDF		NS	0.000034	**0.0000017 J [ND(0.00000032) J]**	NS	0.0000017 J**	NS
1,2,3,4,7,8,9-HpCDF		NS	0.0000026	ND(0.00000031) [ND(0.00000049)]	NS	0.00000015 J**	NS
HpCDFs (total)		NS	0.000036	**0.0000029 J [ND(0.00000032) J]**	NS	0.0000042	NS
OCDF		NS	ND(0.000011)	ND(0.000015) [ND(0.0000023)]	NS	ND(0.0000011)	NS
Total Furans		NS	0.00041	0.000019 [0.0000023]	NS	0.000043	NS
Dioxins							
2,3,7,8-TCDD		NS	ND(0.00000046)	ND(0.00000038) [ND(0.00000032)]	NS	ND(0.000000044)	NS
TCDDs (total)		NS	ND(0.00000046)	ND(0.00000038) [ND(0.00000032)]	NS	ND(0.00000029)	NS
1,2,3,7,8-PeCDD		NS	ND(0.0000010)	ND(0.00000065) [ND(0.00000085)]	NS	ND(0.000000043)	NS
PeCDDs (total)		NS	ND(0.0000010)	ND(0.00000065) [ND(0.00000085)]	NS	ND(0.00000045)	NS
1,2,3,4,7,8-HxCDD		NS	ND(0.00000092)	ND(0.00000058) [ND(0.00000083)]	NS	ND(0.000000076)	NS
1,2,3,6,7,8-HxCDD		NS	ND(0.00000074)	ND(0.00000047) [ND(0.00000067)]	NS	ND(0.000000079)	NS
1,2,3,7,8,9-HxCDD		NS	ND(0.00000078)	ND(0.00000050) [ND(0.00000071)]	NS	ND(0.000000071)	NS
HxCDDs (total)		NS	ND(0.00000074)	ND(0.00000047) [ND(0.00000067)]	NS	0.00000030	NS
1,2,3,4,6,7,8-HpCDD		NS	0.0000074	ND(0.00000032) [ND(0.00000032)]	NS	0.0000017 J**	NS
HpCDDs (total)		NS	0.000023	ND(0.00000032) [ND(0.00000032)]	NS	0.0000042	NS
OCDD		NS	0.000052 B	ND(0.0000024) [ND(0.0000012)]	NS	0.000013	NS
Total Dioxins		NS	0.000075	0.0000024 [0.0000012]	NS	0.000018	NS
WHO TEF		NS	NS	[]	NS	NS	NS
Inorganics							
Arsenic		NS	ND(23.0)	ND(18.0) [ND(18.0)]	NS	ND(19.0)	NS
Barium		NS	49.0	ND(37.0) [ND(35.0)]	NS	ND(38.0)	NS
Beryllium		NS	0.560	ND(0.180) [ND(0.180)]	NS	0.230	NS
Cadmium		NS	ND(2.30)	ND(1.80) [ND(1.80)]	NS	ND(1.90)	NS
Chromium		NS	13.0	6.20 [6.80]	NS	16.0	NS
Cobalt		NS	ND(12.0)	10.0 [10.0]	NS	ND(9.40)	NS
Copper		NS	ND(23.0)	**240 J [84.0 J]**	NS	23.0	NS
Cyanide		NS	ND(1.00)	ND(1.00) [ND(1.00)]	NS	ND(1.20)	NS
Lead		NS	37.0	15.0 [12.0]	NS	15.0	NS
Mercury		NS	ND(0.200)	ND(0.200) [ND(0.120)]	NS	ND(0.250)	NS
Nickel		NS	18.0	**34.0 J [19.0 J]**	NS	18.0	NS
Selenium		NS	ND(1.20)	ND(0.920) [ND(0.880)]	NS	ND(0.940)	NS
Silver		NS	ND(1.20)	ND(0.920) [ND(0.880)]	NS	ND(0.940)	NS
Sulfide		NS	ND(7.70)	ND(6.20) [ND(5.80)]	NS	24.0	NS
Thallium		NS	**ND(2.30) J**	**ND(1.80) J [ND(1.80) J]**	NS	ND(1.90)	NS
Tin		NS	ND(70.0)	ND(56.0) [ND(52.0)]	NS	ND(56.0)	NS
Vanadium		NS	15.0	ND(9.20) [ND(8.80)]	NS	11.0	NS
Zinc		NS	93.0	68.0 [42.0]	NS	48.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area:	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex
Sample ID:	RAA3-30	RAA3-30	RAA3-31	RAA3-32	RAA3-32	RAA3-33	RAA3-33
Sample Depth(Feet):	6-15	14-15	0-1	1-6	4-6	1-6	4-6
Parameter Date Collected:	01/11/01	01/11/01	12/11/00	12/12/00	12/13/00	12/15/00	12/15/00
Volatile Organics							
Benzene	NS	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Chlorobenzene	NS	0.14	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Tetrachloroethene	NS	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Trichloroethene	NS	ND(0.0073)	ND(0.0072)	NS	0.013	NS	ND(0.0074)
Xylenes (total)	NS	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4,5-Trichlorophenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4,6-Trichlorophenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4-Dichlorophenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4-Dimethylphenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4-Dinitrophenol	ND(2.2)	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
2,6-Dichlorophenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Acetylaminofluorene	**ND(0.87) J**	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
2-Chlorophenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Methylnaphthalene	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Methylphenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Nitrophenol	ND(0.87)	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
3&4-Methylphenol	ND(0.87)	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
3,3'-Dichlorobenzidine	ND(2.2)	NS	ND(2.4)	ND(2.2)	NS	**ND(2.1) J**	NS
3,3'-Dimethylbenzidine	ND(2.2)	NS	ND(2.4)	ND(2.2)	NS	**ND(2.1) J**	NS
3-Methylcholanthrene	**ND(0.87) J**	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
4,6-Dinitro-2-methylphenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
4-Chloro-3-Methylphenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
4-Nitrophenol	ND(2.2)	NS	ND(2.4)	ND(2.2)	NS	**ND(2.1) J**	NS
7,12-Dimethylbenz(a)anthracene	**ND(0.87) J**	NS	ND(0.96)	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Acenaphthene	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Acenaphthylene	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Anthracene	ND(0.43)	NS	ND(0.47)	0.58	NS	ND(0.40)	NS
Aramite	**ND(0.87) J**	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
Benzidine	**ND(0.87) J**	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Benzo(a)anthracene	ND(0.43)	NS	0.73	1.1	NS	**ND(0.40) J**	NS
Benzo(a)pyrene	**ND(0.43) J**	NS	0.80	1.1	NS	**ND(0.40) J**	NS
Benzo(b)fluoranthene	**ND(0.42) J**	NS	0.65	0.70	NS	**ND(0.40) J**	NS
Benzo(g,h,i)perylene	**ND(0.43) J**	NS	**ND(0.47) J**	1.2	NS	**ND(0.40) J**	NS
Benzo(k)fluoranthene	**ND(0.43) J**	NS	0.82	0.79	NS	**0.46 J**	NS
bis(2-Ethylhexyl)phthalate	ND(0.43)	NS	**ND(0.47) J**	ND(0.43)	NS	**ND(0.40) J**	NS
Butylbenzylphthalate	**ND(0.87) J**	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
Chrysene	ND(0.43)	NS	0.68	1.1	NS	**ND(0.40) J**	NS
Dibenzo(a,h)anthracene	**ND(0.87) J**	NS	ND(0.96)	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Dibenzofuran	ND(0.43)	NS	**ND(0.47) J**	ND(0.43)	NS	ND(0.40)	NS
Di-n-Butylphthalate	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Di-n-Octylphthalate	**ND(0.43) J**	NS	ND(0.47)	ND(0.43)	NS	**ND(0.40) J**	NS
Fluoranthene	ND(0.43)	NS	1.0	2.9	NS	0.56	NS
Fluorene	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Hexachlorophene	**ND(0.87) J**	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Indeno(1,2,3-cd)pyrene	**ND(0.87) J**	NS	ND(0.96)	0.94	NS	**ND(0.81) J**	NS
Naphthalene	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pentachlorobenzene	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pentachlorophenol	ND(2.2)	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
Phenanthrene	ND(0.43)	NS	0.80	2.5	NS	ND(0.40)	NS
Phenol	ND(0.43)	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pyrene	ND(0.43)	NS	1.0	2.3	NS	**0.57 J**	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex RAA3-30 6-15 01/11/01	20s Complex RAA3-30 14-15 01/11/01	20s Complex RAA3-31 0-1 12/11/00	20s Complex RAA3-32 1-6 12/12/00	20s Complex RAA3-32 4-6 12/13/00	20s Complex RAA3-33 1-6 12/15/00	20s Complex RAA3-33 4-6 12/15/00
Furans								
2,3,7,8-TCDF		ND(0.000000097)	NS	0.0000014	0.000017	NS	0.000013	NS
TCDFs (total)		ND(0.000000097)	NS	0.0000059	0.000095	NS	0.000098	NS
1,2,3,7,8-PeCDF		0.000000095 J**	NS	0.00000075 w	0.0000085	NS	0.0000084	NS
2,3,4,7,8-PeCDF		0.00000019 J**	NS	0.00000074	0.0000065	NS	0.000028	NS
PeCDFs (total)		0.00000086	NS	0.000025	0.00025	NS	0.00023	NS
1,2,3,4,7,8-HxCDF		0.0000012 J**	NS	0.000022 I	ND(0.000012)	NS	0.000050	NS
1,2,3,6,7,8-HxCDF		0.00000022 J**	NS	ND(0.00000030)	ND(0.000011)	NS	0.000012	NS
1,2,3,7,8,9-HxCDF		0.00000020 J**	NS	ND(0.00000041)	ND(0.000015)	NS	0.000010	NS
2,3,4,6,7,8-HxCDF		0.00000018 J**	NS	ND(0.00000031)	0.000027	NS	0.000022	NS
HxCDFs (total)		0.0000028	NS	0.000031	0.00038	NS	0.00028	NS
1,2,3,4,6,7,8-HpCDF		0.0000011 J**	NS	0.000011	0.000053	NS	0.000052	NS
1,2,3,4,7,8,9-HpCDF		0.00000088 J**	NS	0.00000072	0.000014	NS	0.000026	NS
HpCDFs (total)		0.0000036	NS	0.000012	0.000067	NS	0.00017	NS
OCDF		0.0000037 J**	NS	ND(0.000021)	0.000079 B	NS	0.00023	NS
Total Furans		0.000011	NS	0.000095	0.00087	NS	0.0010	NS
Dioxins								
2,3,7,8-TCDD		ND(0.000000051)	NS	ND(0.00000016)	0.00000020 J**w	NS	0.00000079 w	NS
TCDDs (total)		ND(0.00000018)	NS	0.00000013 J**	ND(0.0000010)	NS	0.0000052	NS
1,2,3,7,8-PeCDD		0.00000013 w	NS	ND(0.00000064)	ND(0.0000048)	NS	0.0000012 w	NS
PeCDDs (total)		0.00000031	NS	ND(0.00000064)	ND(0.0000048)	NS	0.0000033	NS
1,2,3,4,7,8-HxCDD		0.000000095 w	NS	ND(0.00000056)	ND(0.0000043)	NS	0.00000030 J**	NS
1,2,3,6,7,8-HxCDD		0.00000020 J**	NS	ND(0.00000045)	ND(0.0000034)	NS	0.00000066 w	NS
1,2,3,7,8,9-HxCDD		0.000000099 J**	NS	ND(0.00000048)	ND(0.0000036)	NS	0.00000048 J**	NS
HxCDDs (total)		0.00000046	NS	ND(0.00000045)	ND(0.0000034)	NS	0.000011	NS
1,2,3,4,6,7,8-HpCDD		0.0000025 J**	NS	0.000014	0.0000086	NS	0.0000074	NS
HpCDDs (total)		0.0000042	NS	0.000028	0.000017	NS	0.000016	NS
OCDD		0.000014	NS	0.00012 B	0.000056 B	NS	0.000050	NS
Total Dioxins		0.000019	NS	0.00015	0.000073	NS	0.000086	NS
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(19.0)	NS	ND(22.0)	ND(19.0)	NS	ND(18.0)	NS
Barium		ND(39.0)	NS	ND(43.0)	46.0	NS	58.0	NS
Beryllium		0.240	NS	0.240	0.330	NS	0.430	NS
Cadmium		ND(1.90)	NS	ND(2.20)	ND(1.90)	NS	ND(1.80)	NS
Chromium		8.30	NS	8.50	11.0	NS	9.80	NS
Cobalt		11.0	NS	ND(11.0)	10.0	NS	ND(9.10)	NS
Copper		ND(19.0)	NS	ND(22.0)	39.0	NS	23.0	NS
Cyanide		ND(1.00)	NS	ND(1.40)	ND(1.00)	NS	ND(1.00)	NS
Lead		9.00	NS	77.0	46.0	NS	17.0	NS
Mercury		ND(0.260)	NS	ND(0.290)	0.240	NS	ND(0.240)	NS
Nickel		18.0	NS	13.0	19.0	NS	13.0	NS
Selenium		**ND(0.970) J**	NS	ND(1.10)	ND(0.970)	NS	ND(0.910)	NS
Silver		ND(0.970)	NS	ND(1.10)	ND(0.970)	NS	ND(0.910)	NS
Sulfide		100	NS	11.0	ND(6.40)	NS	ND(6.10)	NS
Thallium		ND(1.90)	NS	**ND(2.4) J**	**ND(1.90) J**	NS	**ND(1.80) J**	NS
Tin		ND(58.0)	NS	ND(65.0)	ND(58.0)	NS	ND(55.0)	NS
Vanadium		ND(9.70)	NS	ND(11.0)	10.0	NS	9.80	NS
Zinc		46.0	NS	66.0	92.0	NS	37.0	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 95-16 0-1 12/04/00	30s Complex RAA2-1 6-15 11/28/00	30s Complex RAA2-1 14-15 11/28/00	30s Complex RAA2-2 1-6 11/28/00	30s Complex RAA2-2 2-4 11/28/00
Volatile Organics					
Benzene	ND(0.0068)	NS	ND(0.0063)	NS	ND(0.0060) [ND(0.0064)]
Chlorobenzene	ND(0.0068)	NS	ND(0.0063)	NS	ND(0.0060) [ND(0.0064)]
Tetrachloroethene	ND(0.0068)	NS	ND(0.0063)	NS	ND(0.0060) [ND(0.0064)]
Trichloroethene	ND(0.0068)	NS	ND(0.0063)	NS	ND(0.0060) [ND(0.0064)]
Xylenes (total)	ND(0.0068)	NS	ND(0.0063)	NS	ND(0.0060) [ND(0.0064)]
Semivolatile Organics					
2,3,4,6-Tetrachlorophenol	ND(2.3)	**ND(0.40) J**	NS	**ND(0.41) J [ND(0.40) J]**	NS
2,4,5-Trichlorophenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2,4,6-Trichlorophenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2,4-Dichlorophenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2,4-Dimethylphenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2,4-Dinitrophenol	ND(11)	ND(2.1)	NS	ND(2.1) [ND(2.1)]	NS
2,6-Dichlorophenol	ND(2.3)	**ND(0.40) J**	NS	**ND(0.41) J [ND(0.40) J]**	NS
2-Acetylaminofluorene	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
2-Chlorophenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2-Methylnaphthalene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2-Methylphenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
2-Nitrophenol	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
3&4-Methylphenol	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
3,3'-Dichlorobenzidine	ND(11)	ND(2.1)	NS	ND(2.1) [ND(2.1)]	NS
3,3'-Dimethylbenzidine	ND(11)	**ND(2.1) J**	NS	**ND(2.1) J [ND(2.1) J]**	NS
3-Methylcholanthrene	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
4,6-Dinitro-2-methylphenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
4-Chloro-3-Methylphenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
4-Nitrophenol	ND(11)	ND(2.1)	NS	ND(2.1) [ND(2.1)]	NS
7,12-Dimethylbenz(a)anthracene	ND(4.5)	**ND(0.82) J**	NS	**ND(0.84) J [ND(0.82) J]**	NS
Acenaphthene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Acenaphthylene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Anthracene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Aramite	**ND(4.5) J**	**ND(0.82) J**	NS	**ND(0.84) J [ND(0.82) J]**	NS
Benzidine	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
Benzo(a)anthracene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Benzo(a)pyrene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Benzo(b)fluoranthene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Benzo(g,h,i)perylene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Benzo(k)fluoranthene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
bis(2-Ethylhexyl)phthalate	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Butylbenzylphthalate	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
Chrysene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Dibenzo(a,h)anthracene	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
Dibenzofuran	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Di-n-Butylphthalate	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Di-n-Octylphthalate	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Fluoranthene	3.0	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Fluorene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Hexachlorophene	**ND(4.5) J**	**ND(0.82) J**	NS	**ND(0.84) J [ND(0.82) J]**	NS
Indeno(1,2,3-cd)pyrene	ND(4.5)	ND(0.82)	NS	ND(0.84) [ND(0.82)]	NS
Naphthalene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Pentachlorobenzene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Pentachlorophenol	ND(11)	ND(2.1)	NS	ND(2.1) [ND(2.1)]	NS
Phenanthrene	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Phenol	ND(2.3)	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS
Pyrene	3.6	ND(0.40)	NS	ND(0.41) [ND(0.40)]	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 95-16 0-1 12/04/00	30s Complex RAA2-1 6-15 11/28/00	30s Complex RAA2-1 14-15 11/28/00	30s Complex RAA2-2 1-6 11/28/00	30s Complex RAA2-2 2-4 11/28/00
Furans						
2,3,7,8-TCDF		0.00012	ND(0.00000037)	NS	0.0000023 [0.0000013 J]	NS
TCDFs (total)		0.0046	ND(0.00000037)	NS	0.0000023 [0.0000013 J**]	NS
1,2,3,7,8-PeCDF		0.0018	ND(0.00000044)	NS	ND(0.00000061) [ND(0.00000039)]	NS
2,3,4,7,8-PeCDF		0.00079	ND(0.00000043)	NS	0.00000092 [0.00000054 w]	NS
PeCDFs (total)		0.035	ND(0.00000043)	NS	0.0000054 [0.0000041]	NS
1,2,3,4,7,8-HxCDF		0.019	0.000014 I	NS	0.0000076 I [0.0000055 I]	NS
1,2,3,6,7,8-HxCDF		ND(0.00022)	ND(0.00000027)	NS	ND(0.00000080) [ND(0.00000025)]	NS
1,2,3,7,8,9-HxCDF		0.00024 J**	ND(0.00000035)	NS	ND(0.0000010) [ND(0.00000032)]	NS
2,3,4,6,7,8-HxCDF		0.0033	0.00000060 w	NS	ND(0.00000080) [0.00000040 w]	NS
HxCDFs (total)		0.040	0.000024	NS	0.0000062 [0.0000049]	NS
1,2,3,4,6,7,8-HpCDF		0.0084 B	0.000075	NS	0.0000040 [0.0000029]	NS
1,2,3,4,7,8,9-HpCDF		0.00037	0.0000015 w	NS	0.0000010 w [0.00000087]	NS
HpCDFs (total)		0.0087	0.000075	NS	0.0000091 [0.0000076]	NS
OCDF		0.0014 B	0.000039	NS	0.000013 [0.0000077]	NS
Total Furans		0.090	0.00014	NS	0.000036 [0.000026]	NS
Dioxins						
2,3,7,8-TCDD		ND(0.0000022)	ND(0.00000042)	NS	ND(0.00000078) [ND(0.00000052)]	NS
TCDDs (total)		ND(0.0000022)	ND(0.00000042)	NS	ND(0.00000078) [ND(0.00000052)]	NS
1,2,3,7,8-PeCDD		ND(0.000015)	ND(0.0000017)	NS	**ND(0.0000025) J [ND(0.00000096)]**	NS
PeCDDs (total)		ND(0.000015)	ND(0.0000017)	NS	ND(0.0000025) [ND(0.00000096)]	NS
1,2,3,4,7,8-HxCDD		ND(0.000021)	ND(0.0000012)	NS	ND(0.0000022) [ND(0.00000076)]	NS
1,2,3,6,7,8-HxCDD		ND(0.000020)	ND(0.0000012)	NS	ND(0.0000021) [ND(0.00000073)]	NS
1,2,3,7,8,9-HxCDD		ND(0.000020)	ND(0.0000012)	NS	ND(0.0000021) [ND(0.00000072)]	NS
HxCDDs (total)		ND(0.000020)	ND(0.0000012)	NS	ND(0.0000021) [ND(0.00000073)]	NS
1,2,3,4,6,7,8-HpCDD		0.00030 B	0.0000079	NS	0.00000093 w [0.00000074]	NS
HpCDDs (total)		0.00030	0.000014	NS	ND(0.00000036) [0.00000074]	NS
OCDD		0.0012 B	0.000031 B	NS	0.0000072 [ND(0.0000048)]	NS
Total Dioxins		0.0015	0.000045	NS	0.0000072 [0.0000055]	NS
WHO TEF		NS	NS	NS	[0.0000013 J]	NS
Inorganics						
Arsenic		31.0	ND(18.0)	NS	37.0 [37.0]	NS
Barium		110	ND(36.0)	NS	ND(37.0) [ND(36.0)]	NS
Beryllium		0.480	0.180	NS	0.190 [ND(0.180)]	NS
Cadmium		3.10	ND(1.80)	NS	ND(1.90) [ND(1.80)]	NS
Chromium		23.0	7.40	NS	5.00 [6.20]	NS
Cobalt		ND(10.0)	ND(9.10)	NS	ND(9.30) [ND(9.10)]	NS
Copper		320	31.0	NS	ND(19.0) [20.0]	NS
Cyanide		ND(1.40)	ND(1.00)	NS	ND(1.00) [ND(1.00)]	NS
Lead		370	10.0	NS	10.0 [14.0]	NS
Mercury		1.40	ND(0.240)	NS	ND(0.250) [ND(0.240)]	NS
Nickel		26.0	18.0	NS	9.60 [11.0]	NS
Selenium		ND(1.00)	ND(0.910)	NS	ND(0.930) [ND(0.910)]	NS
Silver		1.40	ND(0.910)	NS	ND(0.930) [ND(0.910)]	NS
Sulfide		83.0	300	NS	ND(6.20) [ND(6.10)]	NS
Thallium		ND(2.00)	**ND(1.80) J**	NS	**ND(1.90) J [ND(1.80) J]**	NS
Tin		ND(62.0)	ND(55.0)	NS	ND(56.0) [ND(55.0)]	NS
Vanadium		41.0	ND(9.10)	NS	ND(9.30) [ND(9.10)]	NS
Zinc		500	43.0	NS	28.0 [32.0]	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-3	RAA2-3	RAA2-4	RAA2-5	RAA2-6	RAA2-6	RAA2-7
Sample Depth(Feet):	6-11.5	10-11.5	0-1	0-1	1-2	1-6	0-1
Parameter Date Collected:	11/27/00	11/27/00	11/30/00	11/29/00	11/30/00	11/30/00	11/30/00
Volatile Organics							
Benzene	NS	ND(0.0067)	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)
Chlorobenzene	NS	ND(0.0067)	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)
Tetrachloroethene	NS	ND(0.0067)	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)
Trichloroethene	NS	ND(0.0067)	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)
Xylenes (total)	NS	ND(0.0067)	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2,4,5-Trichlorophenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2,4,6-Trichlorophenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2,4-Dichlorophenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2,4-Dimethylphenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2,4-Dinitrophenol	ND(2.2)	NS	**ND(9.8) J**	**ND(2.0) J**	NS	**ND(11) J**	**ND(14) J**
2,6-Dichlorophenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2-Acetylaminofluorene	ND(2.6)	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
2-Chlorophenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
2-Methylnaphthalene	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	7.4	ND(2.8)
2-Methylphenol	ND(1.3)	NS	**ND(2.0) J**	**ND(0.39) J**	NS	**ND(2.2) J**	ND(2.8)
2-Nitrophenol	ND(1.3)	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
3&4-Methylphenol	ND(1.3)	NS	ND(3.9)	**ND(0.79) J**	NS	ND(4.3)	ND(5.7)
3,3'-Dichlorobenzidine	ND(2.2)	NS	ND(9.8)	**ND(2.0) J**	NS	ND(11)	ND(14)
3,3'-Dimethylbenzidine	ND(6.4)	NS	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)
3-Methylcholanthrene	**ND(1.3) J**	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
4,6-Dinitro-2-methylphenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(11)	ND(2.8)
4-Chloro-3-Methylphenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
4-Nitrophenol	ND(2.2)	NS	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)
7,12-Dimethylbenz(a)anthracene	ND(1.3)	NS	ND(3.9)	**ND(0.79) J**	NS	ND(4.3)	ND(5.7)
Acenaphthene	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Acenaphthylene	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Anthracene	7.9	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Aramite	ND(2.6)	NS	**ND(3.9) J**	**ND(0.79) J**	NS	**ND(4.3) J**	**ND(5.7) J**
Benzidine	**ND(1.3) J**	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
Benzo(a)anthracene	3.6	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Benzo(a)pyrene	1.5	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Benzo(b)fluoranthene	1.8	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Benzo(g,h,i)perylene	1.6	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Benzo(k)fluoranthene	1.9	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
bis(2-Ethylhexyl)phthalate	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Butylbenzylphthalate	ND(1.3)	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
Chrysene	3.6	NS	ND(2.0)	ND(0.39)	NS	2.6	ND(2.8)
Dibenzo(a,h)anthracene	2.0	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
Dibenzofuran	0.91 J	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Di-n-Butylphthalate	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Di-n-Octylphthalate	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Fluoranthene	13	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Fluorene	1.6	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Hexachlorophene	**ND(2.6) J**	NS	**ND(3.9) J**	**ND(0.79) J**	NS	**ND(4.3) J**	**ND(5.7) J**
Indeno(1,2,3-cd)pyrene	1.6	NS	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)
Naphthalene	0.90 J	NS	ND(2.0)	ND(0.39)	NS	2.6	ND(2.8)
Pentachlorobenzene	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Pentachlorophenol	ND(2.2)	NS	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)
Phenanthrene	9.0	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Phenol	ND(1.3)	NS	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)
Pyrene	8.9	NS	ND(2.0)	ND(0.39)	NS	2.8	ND(2.8)

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-3 6-11.5 11/27/00	30s Complex RAA2-3 10-11.5 11/27/00	30s Complex RAA2-4 0-1 11/30/00	30s Complex RAA2-5 0-1 11/29/00	30s Complex RAA2-6 1-2 11/30/00	30s Complex RAA2-6 1-6 11/30/00	30s Complex RAA2-7 0-1 11/30/00
Furans							
2,3,7,8-TCDF	0.00000060 w	NS	ND(0.00000096)	0.0000099	NS	0.0000086	ND(0.00000020)
TCDFs (total)	0.0000012	NS	0.0000012	0.000029	NS	0.000051	0.000026
1,2,3,7,8-PeCDF	ND(0.00000012)	NS	0.00000081 w	0.00010 I	NS	0.0000016 w	0.0000043 w
2,3,4,7,8-PeCDF	ND(0.00000012)	NS	0.00000076 I	0.000055 I	NS	0.0000018	ND(0.00000037)
PeCDFs (total)	0.00000079	NS	0.0000067	0.00036	NS	0.000022	0.00020
1,2,3,4,7,8-HxCDF	0.0000021 I	NS	0.0000099 I	0.0021 I	NS	0.000019 I	ND(0.0000012)
1,2,3,6,7,8-HxCDF	ND(0.00000010)	NS	ND(0.00000068)	ND(0.000020)	NS	ND(0.00000034)	0.000064 I
1,2,3,7,8,9-HxCDF	ND(0.00000013)	NS	ND(0.00000087)	ND(0.000026)	NS	ND(0.00000043)	ND(0.0000016)
2,3,4,6,7,8-HxCDF	0.000000035 J**w	NS	0.0000015	0.00017	NS	0.0000014	ND(0.0000012)
HxCDFs (total)	0.00000095	NS	0.000018	0.0024	NS	0.000020	0.00038
1,2,3,4,6,7,8-HpCDF	0.00000043 w	NS	0.0000039 B	0.00012	NS	0.0000027 Bw	0.000042 B
1,2,3,4,7,8,9-HpCDF	ND(0.00000012)	NS	ND(0.00000036)	0.000019	NS	ND(0.00000064)	ND(0.0000017)
HpCDFs (total)	ND(0.000000087)	NS	0.0000039	0.00014	NS	ND(0.00000046)	0.000052
OCDF	0.00000070	NS	0.0000055 B	0.000028	NS	0.0000030 B	0.000015 B
Total Furans	0.0000036	NS	0.000035	0.0030	NS	0.000096	0.00067
Dioxins							
2,3,7,8-TCDD	ND(0.00000011)	NS	ND(0.00000027)	ND(0.00000025)	NS	ND(0.00000018)	ND(0.00000021)
TCDDs (total)	ND(0.00000011)	NS	ND(0.00000027)	0.00000061	NS	0.00000039	ND(0.00000021)
1,2,3,7,8-PeCDD	ND(0.00000045)	NS	ND(0.00000069)	ND(0.0000012)	NS	ND(0.00000051)	ND(0.00000077)
PeCDDs (total)	ND(0.00000045)	NS	ND(0.00000069)	ND(0.0000012)	NS	ND(0.00000051)	ND(0.00000077)
1,2,3,4,7,8-HxCDD	ND(0.00000020)	NS	ND(0.00000065)	0.0000025 w	NS	ND(0.00000030)	ND(0.00000057)
1,2,3,6,7,8-HxCDD	ND(0.00000020)	NS	ND(0.00000062)	0.0000036 w	NS	ND(0.00000029)	ND(0.00000054)
1,2,3,7,8,9-HxCDD	ND(0.00000019)	NS	ND(0.00000061)	0.0000041	NS	ND(0.00000028)	ND(0.00000053)
HxCDDs (total)	ND(0.00000020)	NS	ND(0.00000062)	0.000016	NS	ND(0.00000029)	ND(0.00000054)
1,2,3,4,6,7,8-HpCDD	0.00000061	NS	0.0000036 B	0.000029	NS	0.0000017 Bw	0.000015 B
HpCDDs (total)	0.00000099	NS	0.0000076	0.000054	NS	ND(0.00000050)	0.000028
OCDD	0.0000045 B	NS	0.000027 B	0.000080	NS	0.0000087 B	0.00011 B
Total Dioxins	0.0000055	NS	0.000035	0.00015	NS	0.0000091	0.00014
WHO TEF	NS	NS	NS	NS	NS	NS	NS
Inorganics							
Arsenic	40.0	NS	ND(18.0)	ND(18.0)	NS	43.0	ND(18.0)
Barium	ND(39.0)	NS	ND(36.0)	43.0	NS	ND(39.0)	ND(37.0)
Beryllium	0.230	NS	ND(0.180)	0.210	NS	ND(0.190)	ND(0.180)
Cadmium	ND(2.00)	NS	ND(1.80)	ND(1.80)	NS	ND(1.90)	ND(1.80)
Chromium	7.70	NS	ND(4.70)	8.80	NS	6.70	6.80
Cobalt	ND(9.80)	NS	ND(8.90)	ND(8.80)	NS	ND(9.70)	11.0
Copper	23.0	NS	ND(18.0)	81.0	NS	23.0	67.0
Cyanide	ND(1.00)	NS	0.220	ND(1.00)	NS	ND(1.00)	0.130
Lead	11.0	NS	10.0	31.0	NS	54.0	16.0
Mercury	ND(0.260)	NS	ND(0.240)	4.90	NS	0.810	1.90
Nickel	10.0	NS	10.0	41.0	NS	ND(7.80)	24.0
Selenium	ND(0.980)	NS	**ND(0.890) J**	ND(0.880)	NS	**ND(0.970) J**	**ND(0.920) J**
Silver	ND(0.980)	NS	ND(0.890)	ND(0.880)	NS	ND(0.970)	ND(0.920)
Sulfide	200	NS	ND(5.90)	ND(5.90)	NS	8.30	ND(6.10)
Thallium	ND(2.00)	NS	ND(1.80)	ND(1.80)	NS	ND(1.90)	ND(1.80)
Tin	ND(58.0)	NS	ND(53.0)	ND(53.0)	NS	ND(58.0)	ND(55.0)
Vanadium	ND(9.80)	NS	9.70	180	NS	ND(9.70)	62.0
Zinc	31.0	NS	30.0	77.0	NS	30.0	62.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-8 6-15 11/30/00	30s Complex RAA2-8 8-10 11/30/00	30s Complex RAA2-9 6-8 12/05/00	30s Complex RAA2-9 6-15 12/05/00	30s Complex RAA2-10 0-1 01/04/01	30s Complex RAA2-11 0-1 12/04/00	30s Complex RAA2-12 1-2 12/05/00
Volatile Organics							
Benzene	NS	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Chlorobenzene	NS	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Tetrachloroethene	NS	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Trichloroethene	NS	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Xylenes (total)	NS	ND(0.0062)	ND(0.0063)	NS	ND(0.016)	ND(0.0059)	ND(0.0066)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4,5-Trichlorophenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4,6-Trichlorophenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4-Dichlorophenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4-Dimethylphenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4-Dinitrophenol	**ND(2.1) J**	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
2,6-Dichlorophenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Acetylaminofluorene	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
2-Chlorophenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Methylnaphthalene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Methylphenol	**ND(0.40) J**	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Nitrophenol	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
3&4-Methylphenol	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
3,3'-Dichlorobenzidine	ND(2.1)	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
3,3'-Dimethylbenzidine	ND(2.1)	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
3-Methylcholanthrene	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
4,6-Dinitro-2-methylphenol	ND(2.0)	NS	NS	ND(0.42)	**ND(2.8) J**	ND(1.9)	NS
4-Chloro-3-Methylphenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
4-Nitrophenol	ND(2.1)	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Acenaphthene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Acenaphthylene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Anthracene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Aramite	**ND(0.81) J**	NS	NS	ND(0.86)	**ND(5.6) J**	**ND(3.9) J**	NS
Benzidine	ND(0.81)	NS	NS	ND(0.86)	**ND(5.6) J**	ND(3.9)	NS
Benzo(a)anthracene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(a)pyrene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(b)fluoranthene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(g,h,i)perylene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(k)fluoranthene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
bis(2-Ethylhexyl)phthalate	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Butylbenzylphthalate	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Chrysene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Dibenzo(a,h)anthracene	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Dibenzofuran	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Di-n-Butylphthalate	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Di-n-Octylphthalate	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Fluoranthene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Fluorene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Hexachlorophene	**ND(0.81) J**	NS	NS	ND(0.86)	**ND(5.6) J**	**ND(3.9) J**	NS
Indeno(1,2,3-cd)pyrene	ND(0.81)	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Naphthalene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pentachlorobenzene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pentachlorophenol	ND(2.1)	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
Phenanthrene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Phenol	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pyrene	ND(0.40)	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-8 6-15 11/30/00	30s Complex RAA2-8 8-10 11/30/00	30s Complex RAA2-9 6-8 12/05/00	30s Complex RAA2-9 6-15 12/05/00	30s Complex RAA2-10 0-1 01/04/01	30s Complex RAA2-11 0-1 12/04/00	30s Complex RAA2-12 1-2 12/05/00
Furans								
2,3,7,8-TCDF		ND(0.00000010)	NS	NS	ND(0.000000094)	0.0000061	ND(0.0000081)	NS
TCDFs (total)		ND(0.00000010)	NS	NS	ND(0.000000094)	0.000050 I	0.00022	NS
1,2,3,7,8-PeCDF		ND(0.00000010)	NS	NS	ND(0.000000032)	0.0000025	0.000015 w	NS
2,3,4,7,8-PeCDF		ND(0.00000010)	NS	NS	ND(0.000000032)	0.0000095	0.0000088	NS
PeCDFs (total)		ND(0.00000010)	NS	NS	0.00000012	0.00017 I	0.00048	NS
1,2,3,4,7,8-HxCDF		0.00000016 w	NS	NS	ND(0.000000048)	0.0000060	0.00012	NS
1,2,3,6,7,8-HxCDF		ND(0.000000064)	NS	NS	ND(0.000000046)	0.0000070	ND(0.0000039)	NS
1,2,3,7,8,9-HxCDF		ND(0.000000082)	NS	NS	ND(0.000000056)	0.0000018 J**	ND(0.0000050)	NS
2,3,4,6,7,8-HxCDF		ND(0.000000064)	NS	NS	ND(0.000000051)	0.000025	0.000015	NS
HxCDFs (total)		ND(0.000000064)	NS	NS	0.00000026	0.00030	0.00029	NS
1,2,3,4,6,7,8-HpCDF		ND(0.00000011)	NS	NS	ND(0.000000057)	0.000038	0.000014 B	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000015)	NS	NS	ND(0.000000066)	0.0000030	0.0000043	NS
HpCDFs (total)		ND(0.00000011)	NS	NS	0.000000057 J**	0.000086	0.000018	NS
OCDF		ND(0.00000013)	NS	NS	ND(0.00000012)	0.000013	0.000020 B	NS
Total Furans		ND(0.00000015)	NS	NS	0.00000044	0.00062	0.0010	NS
Dioxins								
2,3,7,8-TCDD		ND(0.00000016)	NS	NS	ND(0.000000078)	ND(0.00000039)	ND(0.00000089)	NS
TCDDs (total)		ND(0.00000016)	NS	NS	ND(0.000000078)	0.0000014	0.000018	NS
1,2,3,7,8-PeCDD		ND(0.00000032)	NS	NS	ND(0.000000048)	ND(0.00000032)	ND(0.000014)	NS
PeCDDs (total)		ND(0.00000032)	NS	NS	ND(0.00000039)	ND(0.0000021)	ND(0.000014)	NS
1,2,3,4,7,8-HxCDD		ND(0.00000018)	NS	NS	ND(0.000000085)	ND(0.00000075)	ND(0.0000014)	NS
1,2,3,6,7,8-HxCDD		ND(0.00000018)	NS	NS	ND(0.000000089)	ND(0.00000053)	ND(0.0000013)	NS
1,2,3,7,8,9-HxCDD		ND(0.00000017)	NS	NS	ND(0.000000080)	ND(0.00000064)	ND(0.0000013)	NS
HxCDDs (total)		ND(0.00000018)	NS	NS	ND(0.00000036)	0.0000090	ND(0.0000013)	NS
1,2,3,4,6,7,8-HpCDD		ND(0.00000017)	NS	NS	ND(0.00000019)	0.000011	0.000013 B	NS
HpCDDs (total)		ND(0.00000017)	NS	NS	ND(0.00000019)	0.000022	0.000027	NS
OCDD		ND(0.0000015)	NS	NS	ND(0.00000055)	0.000056	0.000021 B	NS
Total Dioxins		0.0000015	NS	NS	0.00000074	0.000091	0.000066	NS
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(18.0)	NS	NS	ND(19.0)	ND(15.0)	ND(18.0)	NS
Barium		ND(36.0)	NS	NS	ND(39.0)	34.0	ND(35.0)	NS
Beryllium		ND(0.180)	NS	NS	0.200	0.260	0.280	NS
Cadmium		ND(1.80)	NS	NS	ND(1.90)	ND(2.40)	ND(1.80)	NS
Chromium		6.20	NS	NS	9.60	17.0	ND(4.70)	NS
Cobalt		13.0	NS	NS	15.0	ND(12.0)	ND(8.80)	NS
Copper		25.0	NS	NS	29.0	150	ND(18.0)	NS
Cyanide		ND(1.00)	NS	NS	ND(1.30)	ND(1.00)	ND(1.20)	NS
Lead		6.70	NS	NS	11.0	74.0	13.0	NS
Mercury		ND(0.240)	NS	NS	ND(0.260)	ND(0.320)	2.10	NS
Nickel		23.0	NS	NS	22.0	21.0	8.60	NS
Selenium		**ND(0.910) J**	NS	NS	ND(0.970)	ND(1.20)	ND(0.880)	NS
Silver		ND(0.910)	NS	NS	ND(0.970)	ND(1.20)	ND(0.880)	NS
Sulfide		ND(6.10)	NS	NS	8.20	25.0	7.50	NS
Thallium		ND(1.80)	NS	NS	ND(1.90)	**ND(2.4) J**	ND(1.80)	NS
Tin		ND(55.0)	NS	NS	ND(58.0)	ND(71.0)	ND(53.0)	NS
Vanadium		ND(9.10)	NS	NS	ND(9.70)	26.0	ND(8.80)	NS
Zinc		46.0	NS	NS	52.0	140	29.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-12	RAA2-13	RAA2-13	RAA2-14	RAA2-15	RAA2-15	RAA2-16
Sample Depth(Feet):	1-6	1-2	1-6	0-1	6-8	6-9.1	0-1
Parameter Date Collected:	12/05/00	11/27/00	11/27/00	12/04/00	01/05/01	01/05/01	12/06/00
Volatile Organics							
Benzene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS	ND(0.0066)
Chlorobenzene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS	ND(0.0066)
Tetrachloroethene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS	ND(0.0066)
Trichloroethene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS	ND(0.0066)
Xylenes (total)	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS	ND(0.0066)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2,4,5-Trichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2,4,6-Trichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2,4-Dichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2,4-Dimethylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2,4-Dinitrophenol	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)	ND(2.2)
2,6-Dichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2-Acetylaminofluorene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)	**ND(0.92) J**
2-Chlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2-Methylnaphthalene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2-Methylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
2-Nitrophenol	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)	ND(0.86)
3&4-Methylphenol	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)	ND(0.86)
3,3'-Dichlorobenzidine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)	ND(2.2)
3,3'-Dimethylbenzidine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)	ND(2.3)
3-Methylcholanthrene	ND(0.87)	NS	**ND(0.82) J**	ND(16)	NS	ND(0.89)	ND(0.86)
4,6-Dinitro-2-methylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
4-Chloro-3-Methylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
4-Nitrophenol	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)	ND(2.2)
7,12-Dimethylbenz(a)anthracene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)	**ND(0.86) J**
Acenaphthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Acenaphthylene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Anthracene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	0.65
Aramite	ND(0.87)	NS	ND(0.80)	**ND(16) J**	NS	ND(0.89)	ND(0.92)
Benzidine	ND(0.87)	NS	**ND(0.82) J**	ND(16)	NS	ND(0.89)	ND(0.86)
Benzo(a)anthracene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.6	2.2
Benzo(a)pyrene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	2.1	2.5
Benzo(b)fluoranthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.6	2.1
Benzo(g,h,i)perylene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.8	2.4
Benzo(k)fluoranthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.7	1.9
bis(2-Ethylhexyl)phthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Butylbenzylphthalate	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)	ND(0.86)
Chrysene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.5	2.3
Dibenzo(a,h)anthracene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)	1.0
Dibenzofuran	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Di-n-Butylphthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Di-n-Octylphthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Fluoranthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	2.6	4.7
Fluorene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Hexachlorophene	ND(0.87)	NS	**ND(0.82) J**	**ND(16) J**	NS	ND(0.89)	**ND(0.92) J**
Indeno(1,2,3-cd)pyrene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	1.7	2.4
Naphthalene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Pentachlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Pentachlorophenol	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)	ND(2.2)
Phenanthrene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	2.8
Phenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)	ND(0.46)
Pyrene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	2.3	4.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-12 1-6 12/05/00	30s Complex RAA2-13 1-2 11/27/00	30s Complex RAA2-13 1-6 11/27/00	30s Complex RAA2-14 0-1 12/04/00	30s Complex RAA2-15 6-8 01/05/01	30s Complex RAA2-15 6-9.1 01/05/01	30s Complex RAA2-16 0-1 12/06/00
Furans								
2,3,7,8-TCDF		0.000011	NS	ND(0.00000051)	0.0000021 gw	NS	0.00000042 J**	0.0000039
TCDFs (total)		0.000084	NS	ND(0.00000051)	ND(0.0000012)	NS	0.000012	0.000042
1,2,3,7,8-PeCDF		0.0000054	NS	ND(0.00000039)	ND(0.0000015)	NS	0.00000038 J**	0.0000018 J**
2,3,4,7,8-PeCDF		0.000010	NS	ND(0.00000038)	ND(0.0000015)	NS	0.00000074 J**	0.0000082
PeCDFs (total)		0.00012	NS	0.00000092	0.000037	NS	0.0000069 I	0.00012
1,2,3,4,7,8-HxCDF		0.0000097	NS	0.0000045 I	0.000022 B	NS	0.00000051 J**	0.0000046
1,2,3,6,7,8-HxCDF		0.0000064	NS	ND(0.00000021)	ND(0.0000019)	NS	0.00000048 J**	0.0000044
1,2,3,7,8,9-HxCDF		0.0000016 J**	NS	ND(0.00000026)	ND(0.0000025)	NS	ND(0.000000074)	0.0000012 J**
2,3,4,6,7,8-HxCDF		0.000011	NS	ND(0.00000021)	0.00000068 J**	NS	0.00000052 J**	0.000015
HxCDFs (total)		0.00015	NS	0.0000034	0.000036	NS	0.0000042	0.00020
1,2,3,4,6,7,8-HpCDF		0.000020	NS	0.00000053 w	0.0000069	NS	0.0000021 J**	0.000020
1,2,3,4,7,8,9-HpCDF		0.0000033	NS	ND(0.00000030)	ND(0.0000045)	NS	ND(0.000000082)	0.0000019 J**
HpCDFs (total)		0.000046	NS	ND(0.00000022)	0.0000069	NS	0.0000024	0.000049
OCDF		0.000017	NS	ND(0.00000028)	ND(0.000014)	NS	0.00000066 J**	0.0000082
Total Furans		0.00042	NS	0.0000043	0.000080	NS	0.000026	0.00042
Dioxins								
2,3,7,8-TCDD		0.00000022 w	NS	ND(0.00000043)	ND(0.0000012)	NS	0.00000021 w	0.00000070
TCDDs (total)		0.0000012	NS	ND(0.00000043)	ND(0.0000012)	NS	0.0000039	0.0000038
1,2,3,7,8-PeCDD		0.00000062 w	NS	ND(0.0000021)	ND(0.0000034)	NS	0.00000029 J**	0.00000095 J**
PeCDDs (total)		0.0000054	NS	ND(0.0000021)	ND(0.0000034)	NS	0.0000033 I	0.000014
1,2,3,4,7,8-HxCDD		0.00000038 J**	NS	ND(0.00000066)	ND(0.0000022)	NS	0.00000016 J**	0.00000066 J**
1,2,3,6,7,8-HxCDD		0.00000073 J**	NS	ND(0.00000063)	ND(0.0000021)	NS	0.00000024 J**	0.0000011 J**
1,2,3,7,8,9-HxCDD		0.00000040 J**	NS	ND(0.00000062)	ND(0.0000020)	NS	0.00000012 J**	0.0000013 J**
HxCDDs (total)		0.0000096	NS	ND(0.00000063)	ND(0.0000021)	NS	0.0000014	0.000017
1,2,3,4,6,7,8-HpCDD		0.0000053	NS	ND(0.00000026)	0.0000082 B	NS	ND(0.00000092)	0.000012
HpCDDs (total)		0.000011	NS	ND(0.00000026)	0.000012	NS	0.0000020	0.000026
OCDD		0.000038	NS	N(0.0000014)	0.000061 B	NS	ND(0.0000027)	0.00014
Total Dioxins		0.000065	NS	0.0000014	0.000073	NS	0.000013	0.00020
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(19.0)	NS	ND(18.0)	ND(18.0)	NS	ND(20.0)	ND(19.0)
Barium		ND(39.0)	NS	ND(36.0)	ND(36.0)	NS	ND(40.0)	53.0
Beryllium		0.240	NS	0.240	0.380	NS	0.280	ND(0.190)
Cadmium		ND(1.90)	NS	ND(1.80)	ND(1.80)	NS	3.20	ND(1.90)
Chromium		12.0	NS	8.30	6.90	NS	9.80	13.0
Cobalt		10.0	NS	9.90	10.0	NS	ND(10.0)	ND(9.70)
Copper		120	NS	30.0	27.0	NS	100	79.0
Cyanide		ND(1.30)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.30)
Lead		57.0	NS	19.0	21.0	NS	100	93.0
Mercury		ND(0.260)	NS	ND(0.240)	ND(0.240)	NS	ND(0.260)	0.640
Nickel		20.0	NS	16.0	12.0	NS	19.0	27.0
Selenium		ND(0.970)	NS	ND(0.890)	ND(0.890)	NS	ND(1.00)	ND(0.970)
Silver		ND(0.970)	NS	ND(0.890)	ND(0.890)	NS	ND(1.00)	ND(0.970)
Sulfide		12.0	NS	ND(5.90)	9.30	NS	15.0	20.0
Thallium		ND(1.90)	NS	ND(1.80)	2.40	NS	ND(2.00)	ND(1.90)
Tin		ND(58.0)	NS	ND(54.0)	ND(54.0)	NS	ND(60.0)	ND(58.0)
Vanadium		12.0	NS	ND(8.90)	27.0	NS	ND(10.0)	34.0
Zinc		110	NS	44.0	44.0	NS	1600	100

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-17 0-1 12/01/00	30s Complex RAA2-18 1-6 01/03/01	30s Complex RAA2-18 4-6 01/03/01	30s Complex RAA2-19 0-1 12/06/00	30s Complex RAA2-20 0-1 01/08/01	30s Complex RAA2-21 0-1 12/07/00	30s Complex RAA2-22 6-15 12/28/00
Volatile Organics							
Benzene	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)	ND(0.0072)	NS
Chlorobenzene	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)	ND(0.0072)	NS
Tetrachloroethene	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)	ND(0.0072)	NS
Trichloroethene	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)	ND(0.0072)	NS
Xylenes (total)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)	ND(0.0072)	NS
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2,4,5-Trichlorophenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2,4,6-Trichlorophenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2,4-Dichlorophenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2,4-Dimethylphenol	2.5	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2,4-Dinitrophenol	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)	ND(2.4)	ND(2.5)
2,6-Dichlorophenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2-Acetylaminofluorene	ND(4.3)	ND(0.93)	NS	**ND(0.84) J**	ND(0.92)	ND(2.9)	ND(0.97)
2-Chlorophenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2-Methylnaphthalene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2-Methylphenol	**ND(2.2) J**	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
2-Nitrophenol	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)	ND(1.4)	ND(0.48)
3&4-Methylphenol	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)	ND(1.4)	ND(0.97)
3,3'-Dichlorobenzidine	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)	ND(2.4)	ND(2.5)
3,3'-Dimethylbenzidine	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)	**ND(7.2) J**	ND(2.5)
3-Methylcholanthrene	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)	ND(1.4)	ND(0.97)
4,6-Dinitro-2-methylphenol	ND(11)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
4-Chloro-3-Methylphenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
4-Nitrophenol	ND(11)	**ND(2.4) J**	NS	ND(2.0)	ND(2.3)	ND(2.4)	**ND(2.5) J**
7,12-Dimethylbenz(a)anthracene	ND(4.3)	ND(0.93)	NS	**ND(0.80) J**	ND(0.92)	**ND(1.4) J**	ND(0.97)
Acenaphthene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Acenaphthylene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Anthracene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Aramite	**ND(4.3) J**	**ND(0.93) J**	NS	ND(0.84)	ND(0.92)	ND(2.9)	**ND(0.97) J**
Benzidine	ND(4.3)	**ND(0.93) J**	NS	ND(0.80)	ND(0.92)	**ND(1.4) J**	**ND(0.97) J**
Benzo(a)anthracene	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.63	2.3	ND(0.48)
Benzo(a)pyrene	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.65	2.0	ND(0.48)
Benzo(b)fluoranthene	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.48	1.4	ND(0.48)
Benzo(g,h,i)perylene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	**3.0 J**	ND(0.48)
Benzo(k)fluoranthene	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.70	2.0	ND(0.48)
bis(2-Ethylhexyl)phthalate	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Butylbenzylphthalate	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)	ND(1.4)	ND(0.97)
Chrysene	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.66	2.1	ND(0.48)
Dibenzo(a,h)anthracene	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)	**2.0 J**	ND(0.97)
Dibenzofuran	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Di-n-Butylphthalate	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	1.6	ND(0.48)
Di-n-Octylphthalate	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Fluoranthene	3.6	ND(0.46)	NS	ND(0.42)	1.2	7.0	ND(0.48)
Fluorene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Hexachlorophene	ND(4.3)	**ND(0.93) J**	NS	**ND(0.84) J**	ND(0.92)	**ND(2.9) J**	**ND(0.97) J**
Indeno(1,2,3-cd)pyrene	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)	2.9	ND(0.97)
Naphthalene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Pentachlorobenzene	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Pentachlorophenol	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)	ND(2.4)	ND(2.5)
Phenanthrene	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.76	4.5	ND(0.48)
Phenol	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)	ND(1.4)	ND(0.48)
Pyrene	3.4	ND(0.46)	NS	ND(0.42)	1.3	5.4	ND(0.48)

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PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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Furans							
2,3,7,8-TCDF	0.0000080	ND(0.000000042)	NS	0.000036	0.0000030	0.0000060	ND(0.000000082)
TCDFs (total)	0.000047	ND(0.000000042)	NS	0.00041	0.000023	0.000042	ND(0.000000082)
1,2,3,7,8-PeCDF	0.0000047 I	ND(0.000000032)	NS	0.000018	0.0000012 J**	ND(0.0000020)	ND(0.000000046)
2,3,4,7,8-PeCDF	0.0000047	ND(0.000000031)	NS	0.000050	0.0000036	0.0000063	ND(0.000000046)
PeCDFs (total)	0.00010	ND(0.000000032)	NS	0.00075 I	0.000036	0.000094	ND(0.000000046)
1,2,3,4,7,8-HxCDF	0.000054 I	ND(0.000000042)	NS	0.000035	0.0000021 J**	0.0000027 J**	ND(0.000000089)
1,2,3,6,7,8-HxCDF	ND(0.00000052)	ND(0.000000040)	NS	0.000027	0.0000014 J**	0.0000030 J**	ND(0.000000085)
1,2,3,7,8,9-HxCDF	ND(0.00000066)	ND(0.000000049)	NS	0.0000072	ND(0.00000029)	ND(0.00000076)	ND(0.00000010)
2,3,4,6,7,8-HxCDF	0.0000065 B	ND(0.000000044)	NS	0.000064	0.0000025	0.0000086	ND(0.000000095)
HxCDFs (total)	0.000084	ND(0.000000044)	NS	0.00081	0.000033	0.00012	ND(0.000000093)
1,2,3,4,6,7,8-HpCDF	0.000015 B	ND(0.000000054)	NS	0.000090	0.000015	0.000017	ND(0.000000062)
1,2,3,4,7,8,9-HpCDF	0.0000016 Bw	ND(0.000000066)	NS	0.000014	ND(0.00000037)	0.0000014 J**	ND(0.000000075)
HpCDFs (total)	0.000015	ND(0.000000059)	NS	0.00021	0.000025	0.000049	ND(0.000000068)
OCDF	0.000018 B	ND(0.00000012)	NS	0.000060	0.0000058	0.000025	ND(0.00000014)
Total Furans	0.00026	ND(0.00000012)	NS	0.0022	0.00012	0.00033	ND(0.00000014)
Dioxins							
2,3,7,8-TCDD	ND(0.00000020)	ND(0.000000042)	NS	0.00000047 w	0.00000015 w	ND(0.000000063)	ND(0.00000014)
TCDDs (total)	0.0000047	ND(0.00000029)	NS	0.0000084	0.00000089	0.00000018	ND(0.00000035)
1,2,3,7,8-PeCDD	ND(0.00000085)	ND(0.000000042)	NS	0.0000019 w	ND(0.00000011)	0.00000048 w	ND(0.000000079)
PeCDDs (total)	ND(0.00000085)	ND(0.00000041)	NS	0.000015	0.00000045	0.0000023	ND(0.00000037)
1,2,3,4,7,8-HxCDD	ND(0.00000051)	ND(0.000000075)	NS	0.0000013 J**	ND(0.00000012)	0.00000036 J**	ND(0.00000018)
1,2,3,6,7,8-HxCDD	0.0000018 w	ND(0.000000079)	NS	0.0000027	0.00000036 J**	0.0000052	ND(0.00000019)
1,2,3,7,8,9-HxCDD	0.0000011 w	ND(0.000000071)	NS	0.0000018 J**	0.00000016 w	0.0000017 J**	ND(0.00000017)
HxCDDs (total)	ND(0.00000049)	ND(0.00000046)	NS	0.000030	0.0000030	0.000031	ND(0.00000045)
1,2,3,4,6,7,8-HpCDD	0.000043 B	ND(0.00000017)	NS	0.000024	0.0000029	0.000052	0.00000017 J**
HpCDDs (total)	0.000085	ND(0.00000017)	NS	0.000048	0.0000057	0.000052	0.00000017
OCDD	0.00025 B	ND(0.00000071)	NS	0.00013	0.000015	0.00023	ND(0.00000068)
Total Dioxins	0.00034	0.00000088	NS	0.00023	0.000025	0.00032	0.00000085
WHO TEF	NS	NS	NS	NS	NS	NS	NS
Inorganics							
Arsenic	ND(19.0)	ND(21.0)	NS	ND(18.0)	ND(15.0)	ND(22.0)	ND(22.0)
Barium	53.0	ND(41.0)	NS	180	40.0	52.0	ND(43.0)
Beryllium	0.280	0.290	NS	ND(0.180)	0.280	ND(0.220)	0.280
Cadmium	ND(1.90)	ND(2.10)	NS	7.00	ND(2.10)	ND(2.20)	ND(2.20)
Chromium	13.0	9.70	NS	13.0	16.0	17.0	13.0
Cobalt	ND(9.30)	12.0	NS	14.0	24.0	ND(11.0)	17.0
Copper	50.0	33.0	NS	100	89.0	26.0	34.0
Cyanide	0.330	ND(1.00)	NS	ND(1.20)	ND(1.00)	ND(1.40)	ND(1.00)
Lead	65.0	16.0	NS	1100	55.0	22.0	10.0
Mercury	ND(0.250)	ND(0.280)	NS	ND(0.240)	ND(0.270)	ND(0.290)	ND(0.290)
Nickel	18.0	17.0	NS	34.0	28.0	19.0	27.0
Selenium	**ND(0.930) J**	ND(1.00)	NS	ND(0.900)	ND(1.00)	ND(1.10)	ND(1.10)
Silver	ND(0.930)	ND(1.00)	NS	ND(0.900)	ND(1.00)	ND(1.10)	ND(1.10)
Sulfide	24.0	ND(6.90)	NS	32.0	ND(6.90)	9.10	ND(7.20)
Thallium	ND(1.90)	**ND(2.1) J**	NS	1.80	ND(2.10)	ND(2.20)	ND(2.20)
Tin	ND(56.0)	ND(62.0)	NS	ND(54.0)	ND(62.0)	ND(65.0)	ND(65.0)
Vanadium	17.0	ND(10.0)	NS	21.0	14.0	23.0	ND(11.0)
Zinc	200	45.0	NS	2700	160	89.0	75.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-22 10-12 12/28/00	30s Complex RAA2-23 1-6 12/28/00	30s Complex RAA2-23 2-4 12/28/00	30s Complex RAA2-24 0-1 12/08/00	30s Complex RAA2-25 6-15 12/08/00	30s Complex RAA2-25 12-14 12/08/00	30s Complex RAA2-26 6-8 12/27/00
Volatile Organics							
Benzene	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)	NS	ND(0.032)	ND(0.0073)
Chlorobenzene	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)	NS	ND(0.032)	ND(0.0073)
Tetrachloroethene	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)	NS	ND(0.032)	ND(0.0073)
Trichloroethene	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)	NS	ND(0.032)	ND(0.0073)
Xylenes (total)	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)	NS	ND(0.032)	ND(0.0073)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2,4,5-Trichlorophenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2,4,6-Trichlorophenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2,4-Dichlorophenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2,4-Dimethylphenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2,4-Dinitrophenol	NS	ND(2.2)	NS	ND(2.1)	ND(2.0)	NS	NS
2,6-Dichlorophenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2-Acetylaminofluorene	NS	ND(0.86)	NS	R	R	NS	NS
2-Chlorophenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2-Methylnaphthalene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2-Methylphenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
2-Nitrophenol	NS	ND(0.86)	NS	ND(0.84)	ND(0.80)	NS	NS
3&4-Methylphenol	NS	ND(0.86)	NS	ND(0.84)	ND(0.80)	NS	NS
3,3'-Dichlorobenzidine	NS	ND(2.2)	NS	R	R	NS	NS
3,3'-Dimethylbenzidine	NS	ND(2.2)	NS	R	R	NS	NS
3-Methylcholanthrene	NS	ND(0.86)	NS	**ND(0.84) J**	R	NS	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
4-Chloro-3-Methylphenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
4-Nitrophenol	NS	**ND(2.2) J**	NS	ND(2.1)	ND(2.0)	NS	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(0.86)	NS	**ND(0.84) J**	R	NS	NS
Acenaphthene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Acenaphthylene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Anthracene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Aramite	NS	**ND(0.86) J**	NS	R	R	NS	NS
Benzidine	NS	**ND(0.86) J**	NS	R	R	NS	NS
Benzo(a)anthracene	NS	ND(0.43)	NS	**0.66 J**	R	NS	NS
Benzo(a)pyrene	NS	ND(0.43)	NS	**1.2 J**	R	NS	NS
Benzo(b)fluoranthene	NS	ND(0.43)	NS	**0.73 J**	R	NS	NS
Benzo(g,h,i)perylene	NS	ND(0.43)	NS	**ND(0.42) J**	R	NS	NS
Benzo(k)fluoranthene	NS	ND(0.43)	NS	**0.93 J**	R	NS	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.43)	NS	R	R	NS	NS
Butylbenzylphthalate	NS	ND(0.86)	NS	R	R	NS	NS
Chrysene	NS	ND(0.43)	NS	**0.76 J**	R	NS	NS
Dibenzo(a,h)anthracene	NS	ND(0.86)	NS	**ND(0.84) J**	R	NS	NS
Dibenzofuran	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Di-n-Butylphthalate	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Di-n-Octylphthalate	NS	ND(0.43)	NS	**ND(0.42) J**	R	NS	NS
Fluoranthene	NS	ND(0.43)	NS	0.62	ND(0.40)	NS	NS
Fluorene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Hexachlorophene	NS	**ND(0.86) J**	NS	**ND(0.84) J**	R	NS	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.86)	NS	**ND(0.84) J**	R	NS	NS
Naphthalene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Pentachlorobenzene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Pentachlorophenol	NS	ND(2.2)	NS	ND(2.1)	ND(2.0)	NS	NS
Phenanthrene	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Phenol	NS	ND(0.43)	NS	ND(0.42)	ND(0.40)	NS	NS
Pyrene	NS	ND(0.43)	NS	**0.52 J**	R	NS	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-22 10-12 12/28/00	30s Complex RAA2-23 1-6 12/28/00	30s Complex RAA2-23 2-4 12/28/00	30s Complex RAA2-24 0-1 12/08/00	30s Complex RAA2-25 6-15 12/08/00	30s Complex RAA2-25 12-14 12/08/00	30s Complex RAA2-26 6-8 12/27/00
Furans								
2,3,7,8-TCDF		NS	ND(0.000000076)	NS	0.000033	0.000000054 J**	NS	NS
TCDFs (total)		NS	0.00000017	NS	0.00055	ND(0.000000043)	NS	NS
1,2,3,7,8-PeCDF		NS	ND(0.000000045)	NS	0.000012	0.000000064 w	NS	NS
2,3,4,7,8-PeCDF		NS	ND(0.000000044)	NS	0.00012	ND(0.000000026)	NS	NS
PeCDFs (total)		NS	0.00000014	NS	0.0026	ND(0.000000027)	NS	NS
1,2,3,4,7,8-HxCDF		NS	ND(0.000000043)	NS	0.000039	0.000000043 J**	NS	NS
1,2,3,6,7,8-HxCDF		NS	0.00000010 J**	NS	0.000081	ND(0.000000057)	NS	NS
1,2,3,7,8,9-HxCDF		NS	ND(0.000000050)	NS	0.000017	ND(0.000000037)	NS	NS
2,3,4,6,7,8-HxCDF		NS	ND(0.000000045)	NS	0.00031	ND(0.000000034)	NS	NS
HxCDFs (total)		NS	0.00000046	NS	0.0041	ND(0.00000013)	NS	NS
1,2,3,4,6,7,8-HpCDF		NS	0.00000010 J**	NS	0.00035	ND(0.000000070)	NS	NS
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000000054)	NS	0.000027	ND(0.000000064)	NS	NS
HpCDFs (total)		NS	0.00000019	NS	0.00083	ND(0.000000070)	NS	NS
OCDF		NS	ND(0.00000010)	NS	0.000078	ND(0.00000014)	NS	NS
Total Furans		NS	0.00000096	NS	0.0082	0.00000064	NS	NS
Dioxins								
2,3,7,8-TCDD		NS	ND(0.000000086)	NS	0.00000058 w	0.00000012 w	NS	NS
TCDDs (total)		NS	ND(0.00000030)	NS	0.0000061	ND(0.00000028)	NS	NS
1,2,3,7,8-PeCDD		NS	ND(0.000000058)	NS	0.0000050 w	ND(0.000000049)	NS	NS
PeCDDs (total)		NS	ND(0.000000036)	NS	0.000024	ND(0.00000033)	NS	NS
1,2,3,4,7,8-HxCDD		NS	ND(0.000000084)	NS	0.0000065	ND(0.000000045)	NS	NS
1,2,3,6,7,8-HxCDD		NS	ND(0.000000088)	NS	0.0000068	ND(0.000000047)	NS	NS
1,2,3,7,8,9-HxCDD		NS	ND(0.000000080)	NS	0.0000039	ND(0.000000042)	NS	NS
HxCDDs (total)		NS	ND(0.00000043)	NS	0.000079	ND(0.00000043)	NS	NS
1,2,3,4,6,7,8-HpCDD		NS	0.00000021 J**	NS	0.000088	ND(0.00000013)	NS	NS
HpCDDs (total)		NS	0.00000021	NS	0.00018	ND(0.00000013)	NS	NS
OCDD		NS	ND(0.0000011)	NS	0.00035	ND(0.00000042)	NS	NS
Total Dioxins		NS	0.0000013	NS	0.00064	0.00000055	NS	NS
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		NS	ND(19.0)	NS	ND(19.0)	ND(18.0)	NS	NS
Barium		NS	ND(38.0)	NS	ND(37.0)	ND(36.0)	NS	NS
Beryllium		NS	0.220	NS	ND(0.190)	ND(0.180)	NS	NS
Cadmium		NS	ND(1.90)	NS	ND(1.90)	ND(1.80)	NS	NS
Chromium		NS	15.0	NS	11.0	8.20	NS	NS
Cobalt		NS	18.0	NS	10.0	9.20	NS	NS
Copper		NS	37.0	NS	58.0	22.0	NS	NS
Cyanide		NS	ND(1.00)	NS	ND(1.20)	ND(1.20)	NS	NS
Lead		NS	11.0	NS	190	11.0	NS	NS
Mercury		NS	ND(0.260)	NS	ND(0.250)	ND(0.240)	NS	NS
Nickel		NS	30.0	NS	18.0	18.0	NS	NS
Selenium		NS	ND(0.960)	NS	ND(0.940)	ND(0.900)	NS	NS
Silver		NS	ND(0.960)	NS	ND(0.940)	ND(0.900)	NS	NS
Sulfide		NS	8.20	NS	ND(6.20)	17.0	NS	NS
Thallium		NS	ND(1.90)	NS	ND(1.90)	ND(1.80)	NS	NS
Tin		NS	ND(58.0)	NS	ND(56.0)	ND(54.0)	NS	NS
Vanadium		NS	ND(9.60)	NS	9.70	ND(9.00)	NS	NS
Zinc		NS	83.0	NS	110	48.0	NS	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-26 6-15 12/27/00	30s Complex RAA2-27 0-1 12/27/00	30s Complex RAA2-27 6-15 12/27/00	30s Complex RAA2-27 10-12 12/28/00	30s Complex RAA2-28 1-2 12/27/00	30s Complex RAA2-28 1-6 12/27/00	30s Complex RAA2-29 0-1 12/07/00
Volatile Organics							
Benzene	NS	ND(0.0069)	NS	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)
Chlorobenzene	NS	ND(0.0069)	NS	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)
Tetrachloroethene	NS	ND(0.0069)	NS	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)
Trichloroethene	NS	ND(0.0069)	NS	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)
Xylenes (total)	NS	ND(0.0069)	NS	ND(0.013)	ND(0.0062)	NS	ND(0.0063)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2,4,5-Trichlorophenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2,4,6-Trichlorophenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2,4-Dichlorophenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2,4-Dimethylphenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2,4-Dinitrophenol	ND(2.4)	ND(2.2)	ND(2.5)	NS	NS	ND(34)	ND(2.1)
2,6-Dichlorophenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2-Acetylaminofluorene	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	ND(2.1)
2-Chlorophenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2-Methylnaphthalene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2-Methylphenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
2-Nitrophenol	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	ND(0.84)
3&4-Methylphenol	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	ND(0.84)
3,3'-Dichlorobenzidine	ND(2.4)	ND(2.2)	ND(2.5)	NS	NS	ND(34)	ND(2.1)
3,3'-Dimethylbenzidine	ND(2.4)	ND(2.2)	ND(2.5)	NS	NS	ND(34)	**ND(2.1) J**
3-Methylcholanthrene	**ND(0.97) J**	**ND(0.88) J**	ND(0.99)	NS	NS	**ND(14) J**	**ND(0.84) J**
4,6-Dinitro-2-methylphenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
4-Nitrophenol	ND(2.4)	ND(2.2)	ND(2.5)	NS	NS	ND(34)	ND(2.1)
7,12-Dimethylbenz(a)anthracene	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	**ND(0.84) J**
Acenaphthene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Acenaphthylene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Anthracene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Aramite	**ND(0.97) J**	**ND(0.88) J**	ND(0.99)	NS	NS	**ND(14) J**	ND(0.84)
Benzidine	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	**ND(0.84) J**
Benzo(a)anthracene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Benzo(a)pyrene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	**ND(0.42) J**
Benzo(b)fluoranthene	ND(0.47)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	**ND(0.41) J**
Benzo(g,h,i)perylene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	**ND(0.42) J**
Benzo(k)fluoranthene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	**ND(0.42) J**
bis(2-Ethylhexyl)phthalate	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Butylbenzylphthalate	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	ND(0.84)
Chrysene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Dibenzo(a,h)anthracene	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	**ND(0.84) J**
Dibenzofuran	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Di-n-Butylphthalate	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Di-n-Octylphthalate	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	**ND(0.42) J**
Fluoranthene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Fluorene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Hexachlorophene	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	**ND(2.1) J**
Indeno(1,2,3-cd)pyrene	ND(0.97)	ND(0.88)	ND(0.99)	NS	NS	ND(14)	**ND(0.84) J**
Naphthalene	ND(0.48)	0.45	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Pentachlorobenzene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Pentachlorophenol	ND(2.4)	ND(2.2)	ND(2.5)	NS	NS	ND(34)	ND(2.1)
Phenanthrene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Phenol	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)
Pyrene	ND(0.48)	ND(0.44)	ND(0.49)	NS	NS	ND(6.9)	ND(0.42)

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-26 6-15 12/27/00	30s Complex RAA2-27 0-1 12/27/00	30s Complex RAA2-27 6-15 12/27/00	30s Complex RAA2-27 10-12 12/28/00	30s Complex RAA2-28 1-2 12/27/00	30s Complex RAA2-28 1-6 12/27/00	30s Complex RAA2-29 0-1 12/07/00
Furans							
2,3,7,8-TCDF	ND(0.000000082)	0.00000011 w	ND(0.000000080)	NS	NS	0.0000034	ND(0.000000054)
TCDFs (total)	ND(0.000000082)	ND(0.000000068)	ND(0.000000080)	NS	NS	0.000027	ND(0.000000054)
1,2,3,7,8-PeCDF	ND(0.000000061)	0.000000068 w	0.000000060 J**	NS	NS	0.0000013 J**	ND(0.000000039)
2,3,4,7,8-PeCDF	ND(0.000000060)	0.00000010 w	0.000000069 J**	NS	NS	0.0000018 J**	ND(0.000000038)
PeCDFs (total)	ND(0.000000061)	0.00000049	0.00000013	NS	NS	0.000017	0.00000021
1,2,3,4,7,8-HxCDF	0.00000029 J**	0.000000062 w	0.000000076 w	NS	NS	0.0000020 J**	0.000000053 w
1,2,3,6,7,8-HxCDF	0.000000088 J**	0.000000066 J**	0.000000069 w	NS	NS	0.00000093 J**	0.000000067 J**
1,2,3,7,8,9-HxCDF	ND(0.000000079)	ND(0.000000064)	ND(0.000000062)	NS	NS	0.00000052 J**	ND(0.000000055)
2,3,4,6,7,8-HxCDF	ND(0.000000072)	0.000000081 w	0.000000044 J**w	NS	NS	0.00000079 J**	ND(0.000000050)
HxCDFs (total)	0.00000055	0.00000040	ND(0.000000055)	NS	NS	0.000011	0.00000016
1,2,3,4,6,7,8-HpCDF	ND(0.00000026)	0.00000015 w	ND(0.00000011)	NS	NS	0.0000020 J**	ND(0.00000013)
1,2,3,4,7,8,9-HpCDF	0.00000013 J**	ND(0.000000069)	ND(0.000000066)	NS	NS	0.00000054 J**	ND(0.000000068)
HpCDFs (total)	0.00000064	0.00000076	ND(0.00000011)	NS	NS	0.0000044	0.00000013
OCDF	0.00000048 J**	0.00000010 J**	0.00000021 w	NS	NS	0.0000029 J**	ND(0.00000016)
Total Furans	0.0000017	0.0000018	0.00000045	NS	NS	0.000062	0.00000050
Dioxins							
2,3,7,8-TCDD	ND(0.00000015)	ND(0.00000010)	ND(0.00000022)	NS	NS	ND(0.00000021)	ND(0.000000047)
TCDDs (total)	ND(0.00000015)	ND(0.00000031)	ND(0.00000022)	NS	NS	0.0000018	ND(0.00000023)
1,2,3,7,8-PeCDD	ND(0.000000090)	ND(0.000000046)	ND(0.000000052)	NS	NS	ND(0.00000015)	ND(0.000000060)
PeCDDs (total)	ND(0.00000042)	ND(0.00000041)	ND(0.00000039)	NS	NS	0.0000012	ND(0.00000040)
1,2,3,4,7,8-HxCDD	ND(0.000000090)	ND(0.000000064)	ND(0.00000011)	NS	NS	ND(0.000000066)	ND(0.000000090)
1,2,3,6,7,8-HxCDD	ND(0.000000095)	ND(0.000000068)	ND(0.00000011)	NS	NS	0.00000013 J**	ND(0.000000095)
1,2,3,7,8,9-HxCDD	ND(0.000000085)	ND(0.000000061)	ND(0.00000010)	NS	NS	0.000000099 J**	ND(0.000000086)
HxCDDs (total)	0.00000020	ND(0.00000055)	ND(0.00000043)	NS	NS	0.00000022	ND(0.00000040)
1,2,3,4,6,7,8-HpCDD	0.00000026 w	0.00000043 J**	ND(0.00000035)	NS	NS	0.0000016 J**	ND(0.00000024)
HpCDDs (total)	ND(0.00000027)	0.00000076	ND(0.00000035)	NS	NS	0.0000029	ND(0.00000024)
OCDD	0.00000057 J**w	0.0000044 J**	0.0000012 J**	NS	NS	0.000016	ND(0.0000026)
Total Dioxins	0.0000010	0.0000052	0.0000016	NS	NS	0.000022	0.0000028
WHO TEF	NS	NS	NS	NS	NS	NS	NS
Inorganics							
Arsenic	ND(22.0)	ND(20.0)	ND(22.0)	NS	NS	ND(19.0)	ND(19.0)
Barium	ND(43.0)	ND(39.0)	ND(44.0)	NS	NS	ND(39.0)	ND(38.0)
Beryllium	0.290	0.240	0.260	NS	NS	0.200	ND(0.190)
Cadmium	ND(2.20)	ND(2.00)	ND(2.20)	NS	NS	7.80	ND(1.90)
Chromium	11.0	13.0	16.0	NS	NS	11.0	6.60
Cobalt	11.0	14.0	20.0	NS	NS	14.0	17.0
Copper	44.0	36.0	37.0	NS	NS	44.0	38.0
Cyanide	ND(1.40)	ND(1.00)	ND(1.00)	NS	NS	ND(1.00)	ND(1.30)
Lead	11.0	27.0	11.0	NS	NS	2000	15.0
Mercury	ND(0.290)	ND(0.260)	ND(0.300)	NS	NS	ND(0.260)	ND(0.250)
Nickel	20.0	24.0	39.0	NS	NS	22.0	19.0
Selenium	ND(1.10)	ND(0.980)	ND(1.10)	NS	NS	ND(0.960)	ND(0.940)
Silver	ND(1.10)	ND(0.980)	ND(1.10)	NS	NS	ND(0.960)	ND(0.940)
Sulfide	9.20	ND(6.60)	9.30	NS	NS	20.0	8.00
Thallium	ND(2.20)	ND(2.00)	ND(2.20)	NS	NS	ND(1.90)	ND(1.90)
Tin	ND(65.0)	ND(59.0)	ND(66.0)	NS	NS	ND(58.0)	ND(57.0)
Vanadium	ND(11.0)	ND(9.80)	ND(11.0)	NS	NS	ND(9.60)	ND(9.40)
Zinc	80.0	86.0	97.0	NS	NS	6000	39.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-30 0-1 12/01/00	30s Complex RAA2-31 6-15 12/07/00	30s Complex RAA2-31 8-10 12/07/00	30s Complex RAA2-32 1-6 12/01/00	30s Complex RAA2-32 2-4 12/01/00	30s Complex RAA2-33 6-15 12/26/00
Volatile Organics						
Benzene	ND(0.0060)	NS	ND(0.0082)	NS	ND(0.0069)	NS
Chlorobenzene	ND(0.0060)	NS	ND(0.0082)	NS	ND(0.0069)	NS
Tetrachloroethene	ND(0.0060)	NS	ND(0.0082)	NS	ND(0.0069)	NS
Trichloroethene	ND(0.0060)	NS	ND(0.0082)	NS	ND(0.0069)	NS
Xylenes (total)	ND(0.0060)	NS	ND(0.0082)	NS	ND(0.0069)	NS
Semivolatile Organics						
2,3,4,6-Tetrachlorophenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4,5-Trichlorophenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4,6-Trichlorophenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4-Dichlorophenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4-Dimethylphenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4-Dinitrophenol	ND(10)	ND(2.6)	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
2,6-Dichlorophenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Acetylaminofluorene	ND(4.0)	ND(1.0)	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
2-Chlorophenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Methylnaphthalene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Methylphenol	**ND(2.0) J**	ND(0.50)	NS	**ND(0.46) J**	NS	ND(0.43) [ND(0.49)]
2-Nitrophenol	ND(4.0)	ND(1.0)	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
3&4-Methylphenol	ND(4.0)	ND(1.0)	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
3,3'-Dichlorobenzidine	ND(10)	ND(2.6)	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
3,3'-Dimethylbenzidine	ND(10)	**ND(2.6) J**	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
3-Methylcholanthrene	ND(4.0)	ND(1.0)	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
4,6-Dinitro-2-methylphenol	ND(10)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
4-Chloro-3-Methylphenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
4-Nitrophenol	ND(10)	ND(2.6)	NS	ND(2.4)	NS	**ND(2.2) J [ND(2.5) J]**
7,12-Dimethylbenz(a)anthracene	ND(4.0)	**ND(1.0) J**	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Acenaphthene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Acenaphthylene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Anthracene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Aramite	**ND(4.0) J**	ND(1.0)	NS	**ND(0.94) J**	NS	**ND(0.87) J [ND(0.98) J]**
Benzidine	ND(4.0)	**ND(1.0) J**	NS	ND(0.94)	NS	**ND(0.87) J [ND(0.98) J]**
Benzo(a)anthracene	2.4	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(a)pyrene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(b)fluoranthene	ND(2.0)	ND(0.49)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(g,h,i)perylene	ND(2.0)	**ND(0.50) J**	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(k)fluoranthene	2.2	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Butylbenzylphthalate	ND(4.0)	ND(1.0)	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Chrysene	2.4	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Dibenzo(a,h)anthracene	ND(4.0)	**ND(1.0) J**	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Dibenzofuran	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Di-n-Butylphthalate	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Di-n-Octylphthalate	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Fluoranthene	5.6	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Fluorene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Hexachlorophene	ND(4.0)	**ND(1.0) J**	NS	ND(0.94)	NS	**ND(0.87) J [ND(0.98) J]**
Indeno(1,2,3-cd)pyrene	ND(4.0)	ND(1.0)	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Naphthalene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pentachlorobenzene	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pentachlorophenol	ND(10)	ND(2.6)	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
Phenanthrene	4.6	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Phenol	ND(2.0)	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pyrene	4.7	ND(0.50)	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]

PRELIMINARY ANALYTICAL DATA
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TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-30 0-1 12/01/00	30s Complex RAA2-31 6-15 12/07/00	30s Complex RAA2-31 8-10 12/07/00	30s Complex RAA2-32 1-6 12/01/00	30s Complex RAA2-32 2-4 12/01/00	30s Complex RAA2-33 6-15 12/26/00
Furans							
2,3,7,8-TCDF		0.0000045	ND(0.000000065)	NS	ND(0.00000012)	NS	0.00000039 J** [0.00000037 J**]
TCDFs (total)		0.000038	ND(0.000000065)	NS	0.0000061	NS	0.0000018 [0.0000019]
1,2,3,7,8-PeCDF		0.0000089	ND(0.00000042)	NS	ND(0.000000059)	NS	0.00000036 J** [0.00000040 J**]
2,3,4,7,8-PeCDF		0.0000029 w	ND(0.000000041)	NS	ND(0.000000058)	NS	0.0000012 J** [0.0000013 J**]
PeCDFs (total)		0.00029	ND(0.000000041)	NS	0.0000015	NS	0.0000072 [0.0000073]
1,2,3,4,7,8-HxCDF		0.00022 I	ND(0.000000070)	NS	0.0000013 I	NS	0.0000060 [0.0000058]
1,2,3,6,7,8-HxCDF		ND(0.0000021)	ND(0.000000067)	NS	ND(0.000000091)	NS	0.0000012 J** [0.0000012 J**]
1,2,3,7,8,9-HxCDF		ND(0.0000027)	ND(0.000000082)	NS	ND(0.000000091)	NS	0.0000010 J** [0.00000086 J**]
2,3,4,6,7,8-HxCDF		0.000025 B	ND(0.000000075)	NS	ND(0.000000091)	NS	0.0000013 J** [0.0000014 J**]
HxCDFs (total)		0.00037	ND(0.000000073)	NS	0.0000012	NS	0.000061 [0.000059]
1,2,3,4,6,7,8-HpCDF		0.000036 B	ND(0.000000076)	NS	ND(0.00000033)	NS	0.00017 [0.00016]
1,2,3,4,7,8,9-HpCDF		0.0000024 Bw	ND(0.000000093)	NS	ND(0.00000010)	NS	0.0000035 [0.0000035]
HpCDFs (total)		0.000038	ND(0.000000084)	NS	0.00000040	NS	0.00029 [0.00028]
OCDF		0.000010 B	ND(0.00000020)	NS	ND(0.00000020)	NS	0.000098 [0.000091]
Total Furans		0.00075	ND(0.00000042)	NS	0.0000094	NS	0.00046 [0.00044]
Dioxins							
2,3,7,8-TCDD		ND(0.00000016)	ND(0.000000084)	NS	ND(0.00000010)	NS	ND(0.00000013) [0.00000016 w]
TCDDs (total)		0.00000060	ND(0.00000031)	NS	ND(0.00000010)	NS	0.00000018 [0.00000029]
1,2,3,7,8-PeCDD		ND(0.00000062)	ND(0.00000011)	NS	ND(0.00000016)	NS	ND(0.00000022) [ND(0.00000029)]
PeCDDs (total)		ND(0.00000062)	ND(0.00000042)	NS	ND(0.00000016)	NS	0.0000020 [0.0000013]
1,2,3,4,7,8-HxCDD		ND(0.00000023)	ND(0.00000011)	NS	ND(0.00000011)	NS	ND(0.00000010) [0.00000015 w]
1,2,3,6,7,8-HxCDD		ND(0.00000022)	ND(0.00000012)	NS	ND(0.00000010)	NS	0.0000024 [0.0000023]
1,2,3,7,8,9-HxCDD		ND(0.00000022)	ND(0.00000011)	NS	ND(0.00000010)	NS	0.00000064 J** [0.00000065 J**]
HxCDDs (total)		ND(0.00000022)	ND(0.00000043)	NS	ND(0.00000010)	NS	0.000012 [0.000011]
1,2,3,4,6,7,8-HpCDD		0.0000066 B	ND(0.00000015)	NS	ND(0.00000028)	NS	0.000020 [0.000019]
HpCDDs (total)		0.000013	ND(0.00000015)	NS	0.00000028	NS	0.000033 [0.000031]
OCDD		0.000028 B	ND(0.00000033)	NS	ND(0.0000016)	NS	0.000081 [0.000078]
Total Dioxins		0.000042	0.00000033	NS	0.0000019	NS	0.00013 [0.00012]
WHO TEF		NS	NS	NS	NS	NS	[]
Inorganics							
Arsenic		ND(18.0)	ND(22.0)	NS	ND(21.0)	NS	ND(19.0) [ND(19.0)]
Barium		ND(36.0)	ND(45.0)	NS	ND(42.0)	NS	ND(39.0) [ND(39.0)]
Beryllium		0.210	0.310	NS	0.300	NS	ND(0.190) [ND(0.190)]
Cadmium		ND(1.80)	ND(2.20)	NS	ND(2.10)	NS	ND(1.90) [ND(1.90)]
Chromium		6.90	13.0	NS	8.90	NS	12.0 [11.0]
Cobalt		ND(9.10)	12.0	NS	ND(10.0)	NS	15.0 [16.0]
Copper		24.0	25.0	NS	ND(21.0)	NS	40.0 [40.0]
Cyanide		ND(1.00)	ND(1.50)	NS	ND(1.00)	NS	ND(1.00) [ND(1.00)]
Lead		40.0	11.0	NS	8.10	NS	**14.0 J [14.0 J]**
Mercury		ND(0.240)	ND(0.300)	NS	ND(0.280)	NS	ND(0.260) [ND(0.260)]
Nickel		9.90	23.0	NS	16.0	NS	27.0 [24.0]
Selenium		**ND(0.910) J**	ND(1.10)	NS	**ND(1.00) J**	NS	ND(0.970) [ND(0.970)]
Silver		ND(0.910)	ND(1.10)	NS	ND(1.00)	NS	ND(0.970) [ND(0.970)]
Sulfide		ND(6.00)	71.0	NS	ND(7.00)	NS	**16.0 J [ND(6.50) J]**
Thallium		ND(1.80)	ND(2.20)	NS	ND(2.10)	NS	ND(1.90) [ND(1.90)]
Tin		ND(54.0)	ND(68.0)	NS	ND(63.0)	NS	ND(58.0) [ND(58.0)]
Vanadium		ND(9.10)	13.0	NS	ND(10.0)	NS	ND(9.70) [ND(9.70)]
Zinc		59.0	61.0	NS	49.0	NS	78.0 [63.0]

PRELIMINARY ANALYTICAL DATA
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TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-33 12-14 12/26/00	30s Complex RAA2-34 0-1 11/28/00	30s Complex RAA2-35 6-8 11/28/00	30s Complex RAA2-35 6-10 11/28/00	30s Complex RAA2-36 1-6 11/29/00	30s Complex RAA2-36 4-6 11/29/00
Volatile Organics							
Benzene		ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS	ND(0.0062)
Chlorobenzene		ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS	ND(0.0062)
Tetrachloroethene		**0.11 J [0.19 J]**	ND(0.0060)	ND(0.0065)	NS	NS	ND(0.0062)
Trichloroethene		**ND(0.0063) J [0.025 J]**	ND(0.0060)	ND(0.0065)	NS	NS	ND(0.0062)
Xylenes (total)		ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS	ND(0.0062)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol		NS	**ND(0.40) J**	NS	**ND(0.40) J**	ND(0.40)	NS
2,4,5-Trichlorophenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2,4,6-Trichlorophenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2,4-Dichlorophenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2,4-Dimethylphenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2,4-Dinitrophenol		NS	ND(2.0)	NS	ND(2.1)	**ND(2.0) J**	NS
2,6-Dichlorophenol		NS	**ND(0.40) J**	NS	**ND(0.40) J**	ND(0.40)	NS
2-Acetylaminofluorene		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
2-Chlorophenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2-Methylnaphthalene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2-Methylphenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
2-Nitrophenol		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
3&4-Methylphenol		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
3,3'-Dichlorobenzidine		NS	ND(2.0)	NS	ND(2.1)	ND(2.0)	NS
3,3'-Dimethylbenzidine		NS	**ND(2.0) J**	NS	**ND(2.1) J**	ND(2.0)	NS
3-Methylcholanthrene		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
4,6-Dinitro-2-methylphenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
4-Chloro-3-Methylphenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
4-Nitrophenol		NS	ND(2.0)	NS	ND(2.1)	ND(2.0)	NS
7,12-Dimethylbenz(a)anthracene		NS	**ND(0.80) J**	NS	**ND(0.81) J**	ND(0.81)	NS
Acenaphthene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Acenaphthylene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Anthracene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Aramite		NS	**ND(0.80) J**	NS	**ND(0.81) J**	**ND(0.81) J**	NS
Benzidine		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
Benzo(a)anthracene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Benzo(a)pyrene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Benzo(b)fluoranthene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Benzo(g,h,i)perylene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Benzo(k)fluoranthene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
bis(2-Ethylhexyl)phthalate		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Butylbenzylphthalate		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
Chrysene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Dibenzo(a,h)anthracene		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
Dibenzofuran		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Di-n-Butylphthalate		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Di-n-Octylphthalate		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Fluoranthene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Fluorene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Hexachlorophene		NS	**ND(0.80) J**	NS	**ND(0.81) J**	**ND(0.81) J**	NS
Indeno(1,2,3-cd)pyrene		NS	ND(0.80)	NS	ND(0.81)	ND(0.81)	NS
Naphthalene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Pentachlorobenzene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Pentachlorophenol		NS	ND(2.0)	NS	ND(2.1)	ND(2.0)	NS
Phenanthrene		NS	ND(0.40)	NS	0.42	ND(0.40)	NS
Phenol		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS
Pyrene		NS	ND(0.40)	NS	ND(0.40)	ND(0.40)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-33 12-14 12/26/00	30s Complex RAA2-34 0-1 11/28/00	30s Complex RAA2-35 6-8 11/28/00	30s Complex RAA2-35 6-10 11/28/00	30s Complex RAA2-36 1-6 11/29/00	30s Complex RAA2-36 4-6 11/29/00
Furans						
2,3,7,8-TCDF	NS	0.0000020	NS	0.0000023	0.0000011 J**	NS
TCDFs (total)	NS	0.0000020	NS	0.0000063	0.0000019	NS
1,2,3,7,8-PeCDF	NS	ND(0.00000017)	NS	ND(0.00000048)	ND(0.00000041)	NS
2,3,4,7,8-PeCDF	NS	0.00000079	NS	ND(0.00000047)	ND(0.00000041)	NS
PeCDFs (total)	NS	0.0000074	NS	0.0000033	0.00000089	NS
1,2,3,4,7,8-HxCDF	NS	0.0000049 I	NS	0.0000029 I	0.0000033 I	NS
1,2,3,6,7,8-HxCDF	NS	0.00000036 w	NS	ND(0.00000035)	ND(0.00000033)	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.00000011)	NS	ND(0.00000045)	ND(0.00000042)	NS
2,3,4,6,7,8-HxCDF	NS	0.00000061	NS	ND(0.00000035)	ND(0.00000033)	NS
HxCDFs (total)	NS	0.0000060	NS	0.0000018	0.0000025	NS
1,2,3,4,6,7,8-HpCDF	NS	0.0000022 w	NS	0.0000012	0.00000084 w	NS
1,2,3,4,7,8,9-HpCDF	NS	ND(0.00000015)	NS	ND(0.00000073)	ND(0.00000019)	NS
HpCDFs (total)	NS	ND(0.00000011)	NS	0.0000026	ND(0.00000014)	NS
OCDF	NS	0.0000041	NS	ND(0.0000010)	0.0000011	NS
Total Furans	NS	0.000020	NS	0.000014	0.0000064	NS
Dioxins						
2,3,7,8-TCDD	NS	ND(0.00000025)	NS	ND(0.00000032)	ND(0.00000039)	NS
TCDDs (total)	NS	ND(0.00000025)	NS	ND(0.00000032)	ND(0.00000039)	NS
1,2,3,7,8-PeCDD	NS	ND(0.00000086)	NS	ND(0.0000011)	ND(0.0000020)	NS
PeCDDs (total)	NS	ND(0.00000086)	NS	ND(0.0000011)	ND(0.0000020)	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.00000032)	NS	ND(0.00000043)	ND(0.00000036)	NS
1,2,3,6,7,8-HxCDD	NS	ND(0.00000030)	NS	ND(0.00000042)	ND(0.00000035)	NS
1,2,3,7,8,9-HxCDD	NS	ND(0.00000030)	NS	ND(0.00000041)	ND(0.00000034)	NS
HxCDDs (total)	NS	ND(0.00000030)	NS	ND(0.00000042)	ND(0.00000035)	NS
1,2,3,4,6,7,8-HpCDD	NS	0.0000032	NS	0.0000011 w	0.00000093 w	NS
HpCDDs (total)	NS	0.0000063	NS	0.0000013	ND(0.00000023)	NS
OCDD	NS	0.000024 B	NS	0.0000071 B	0.000015	NS
Total Dioxins	NS	0.000030	NS	0.0000084	0.000015	NS
WHO TEF	NS	NS	NS	NS	NS	NS
Inorganics						
Arsenic	NS	ND(18.0)	NS	20.0	ND(18.0)	NS
Barium	NS	ND(36.0)	NS	ND(36.0)	ND(36.0)	NS
Beryllium	NS	0.180	NS	0.250	ND(0.180)	NS
Cadmium	NS	ND(1.80)	NS	ND(1.80)	ND(1.80)	NS
Chromium	NS	6.80	NS	8.30	ND(4.80)	NS
Cobalt	NS	ND(9.00)	NS	10.0	ND(9.00)	NS
Copper	NS	23.0	NS	36.0	ND(18.0)	NS
Cyanide	NS	ND(1.00)	NS	ND(1.00)	0.130	NS
Lead	NS	20.0	NS	11.0	6.90	NS
Mercury	NS	ND(0.240)	NS	ND(0.240)	ND(0.240)	NS
Nickel	NS	12.0	NS	16.0	8.20	NS
Selenium	NS	ND(0.900)	NS	ND(0.910)	ND(0.900)	NS
Silver	NS	ND(0.900)	NS	ND(0.910)	ND(0.900)	NS
Sulfide	NS	9.50	NS	14.0	ND(6.00)	NS
Thallium	NS	**ND(1.80) J**	NS	**ND(1.80) J**	ND(1.80)	NS
Tin	NS	ND(54.0)	NS	ND(54.0)	ND(54.0)	NS
Vanadium	NS	ND(9.00)	NS	ND(9.10)	ND(9.00)	NS
Zinc	NS	45.0	NS	47.0	29.0	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-37	RAA2-37	RAA2-38	RAA2-38	RAA2-39	RAA2-39	RAA2-40
Sample Depth(Feet):	6-15	8-10	1-6	2-4	6-8	6-15	6-15
Parameter Date Collected:	11/30/00	11/30/00	12/05/00	12/05/00	11/27/00	11/27/00	12/07/00
Volatile Organics							
Benzene	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)	NS	NS
Chlorobenzene	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)	NS	NS
Tetrachloroethene	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)	NS	NS
Trichloroethene	NS	0.014	NS	ND(0.0067)	ND(0.0070)	NS	NS
Xylenes (total)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)	NS	NS
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2,4,5-Trichlorophenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2,4,6-Trichlorophenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2,4-Dichlorophenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2,4-Dimethylphenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2,4-Dinitrophenol	**ND(2.0) J**	NS	ND(2.2)	NS	NS	ND(2.1)	ND(2.2)
2,6-Dichlorophenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2-Acetylaminofluorene	ND(2.0)	NS	ND(0.86)	NS	NS	ND(0.83)	ND(0.88)
2-Chlorophenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2-Methylnaphthalene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2-Methylphenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
2-Nitrophenol	ND(0.81)	NS	ND(0.86)	NS	NS	ND(0.83)	ND(0.88)
3&4-Methylphenol	ND(0.81)	NS	ND(0.86)	NS	NS	ND(0.83)	ND(0.88)
3,3'-Dichlorobenzidine	ND(2.0)	NS	ND(2.2)	NS	NS	ND(2.1)	ND(2.2)
3,3'-Dimethylbenzidine	ND(2.0)	NS	ND(2.2)	NS	NS	ND(2.1)	**ND(2.2) J**
3-Methylcholanthrene	ND(0.81)	NS	ND(0.86)	NS	NS	**ND(0.83) J**	ND(0.88)
4,6-Dinitro-2-methylphenol	ND(2.0)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
4-Nitrophenol	ND(2.0)	NS	ND(2.2)	NS	NS	ND(2.1)	ND(2.2)
7,12-Dimethylbenz(a)anthracene	ND(0.81)	NS	ND(0.86)	NS	NS	ND(0.83)	**ND(0.88) J**
Acenaphthene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Acenaphthylene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Anthracene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Aramite	**ND(0.81) J**	NS	ND(0.86)	NS	NS	ND(0.83)	ND(0.88)
Benzidine	ND(0.81)	NS	ND(0.86)	NS	NS	**ND(0.83) J**	**ND(0.88) J**
Benzo(a)anthracene	ND(0.40)	NS	0.44	NS	NS	ND(0.41)	ND(0.43)
Benzo(a)pyrene	ND(0.40)	NS	0.45	NS	NS	ND(0.41)	ND(0.43)
Benzo(b)fluoranthene	ND(0.40)	NS	0.71	NS	NS	ND(0.41)	ND(0.43)
Benzo(g,h,i)perylene	ND(0.40)	NS	0.97	NS	NS	ND(0.41)	**ND(0.43) J**
Benzo(k)fluoranthene	ND(0.40)	NS	0.48	NS	NS	ND(0.41)	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Butylbenzylphthalate	ND(0.81)	NS	ND(0.86)	NS	NS	ND(0.83)	ND(0.88)
Chrysene	ND(0.40)	NS	0.61	NS	NS	ND(0.41)	ND(0.43)
Dibenzo(a,h)anthracene	ND(0.81)	NS	ND(0.86)	NS	NS	ND(0.83)	**ND(0.88) J**
Dibenzofuran	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Di-n-Butylphthalate	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Di-n-Octylphthalate	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Fluoranthene	ND(0.40)	NS	0.57	NS	NS	ND(0.41)	ND(0.43)
Fluorene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Hexachlorophene	**ND(2.0) J**	NS	ND(0.86)	NS	NS	**ND(0.83) J**	**ND(0.88) J**
Indeno(1,2,3-cd)pyrene	ND(0.81)	NS	ND(0.86)	NS	NS	ND(0.83)	ND(0.88)
Naphthalene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Pentachlorobenzene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Pentachlorophenol	ND(2.0)	NS	ND(2.2)	NS	NS	ND(2.1)	ND(2.2)
Phenanthrene	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Phenol	ND(0.40)	NS	ND(0.43)	NS	NS	ND(0.41)	ND(0.43)
Pyrene	ND(0.40)	NS	0.47	NS	NS	ND(0.41)	ND(0.43)

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-37 6-15 11/30/00	30s Complex RAA2-37 8-10 11/30/00	30s Complex RAA2-38 1-6 12/05/00	30s Complex RAA2-38 2-4 12/05/00	30s Complex RAA2-39 6-8 11/27/00	30s Complex RAA2-39 6-15 11/27/00	30s Complex RAA2-40 6-15 12/07/00
Furans								
2,3,7,8-TCDF		0.00000033	NS	0.0000050	NS	NS	ND(0.00000037)	ND(0.000000065)
TCDFs (total)		0.00000069	NS	0.000046	NS	NS	ND(0.00000037)	ND(0.000000065)
1,2,3,7,8-PeCDF		ND(0.000000071)	NS	0.0000026	NS	NS	ND(0.00000053)	ND(0.000000060)
2,3,4,7,8-PeCDF		ND(0.000000070)	NS	0.0000050	NS	NS	ND(0.00000052)	ND(0.000000059)
PeCDFs (total)		0.00000037	NS	0.000049	NS	NS	ND(0.00000052)	ND(0.000000060)
1,2,3,4,7,8-HxCDF		0.00000019 w	NS	0.0000035	NS	NS	ND(0.00000029)	0.00000012 J**
1,2,3,6,7,8-HxCDF		ND(0.000000042)	NS	0.0000026	NS	NS	ND(0.00000029)	ND(0.000000058)
1,2,3,7,8,9-HxCDF		ND(0.000000054)	NS	0.00000094 J**	NS	NS	ND(0.00000037)	ND(0.000000071)
2,3,4,6,7,8-HxCDF		ND(0.000000042)	NS	0.0000051	NS	NS	ND(0.00000029)	ND(0.000000065)
HxCDFs (total)		ND(0.000000042)	NS	0.000064	NS	NS	ND(0.00000029)	0.00000022
1,2,3,4,6,7,8-HpCDF		ND(0.00000016)	NS	0.0000066	NS	NS	ND(0.00000020)	ND(0.00000014)
1,2,3,4,7,8,9-HpCDF		ND(0.00000012)	NS	0.0000011 J**	NS	NS	ND(0.00000028)	ND(0.000000090)
HpCDFs (total)		ND(0.000000087)	NS	0.000017	NS	NS	ND(0.00000020)	0.00000026
OCDF		ND(0.00000023)	NS	0.0000029 J**	NS	NS	ND(0.00000026)	0.00000021 J**
Total Furans		0.0000013	NS	0.00018	NS	NS	ND(0.00000053)	0.00000069
Dioxins								
2,3,7,8-TCDD		ND(0.000000073)	NS	ND(0.00000021)	NS	NS	ND(0.00000072)	ND(0.000000080)
TCDDs (total)		ND(0.000000073)	NS	0.00000072	NS	NS	ND(0.00000072)	ND(0.00000028)
1,2,3,7,8-PeCDD		ND(0.00000023)	NS	0.00000029 w	NS	NS	ND(0.0000015)	ND(0.00000013)
PeCDDs (total)		ND(0.00000023)	NS	0.0000029	NS	NS	ND(0.0000015)	ND(0.00000036)
1,2,3,4,7,8-HxCDD		ND(0.00000013)	NS	0.00000022 J**	NS	NS	ND(0.00000062)	ND(0.000000087)
1,2,3,6,7,8-HxCDD		ND(0.00000012)	NS	0.00000038 J**	NS	NS	ND(0.00000059)	ND(0.000000092)
1,2,3,7,8,9-HxCDD		ND(0.00000012)	NS	0.00000021 J**	NS	NS	ND(0.00000058)	ND(0.000000082)
HxCDDs (total)		ND(0.00000012)	NS	0.0000023	NS	NS	ND(0.00000059)	0.00000014
1,2,3,4,6,7,8-HpCDD		ND(0.00000019)	NS	0.0000029	NS	NS	ND(0.00000031)	ND(0.00000019)
HpCDDs (total)		0.00000019	NS	0.0000062	NS	NS	ND(0.00000031)	ND(0.00000018)
OCDD		ND(0.0000010)	NS	0.000033	NS	NS	ND(0.0000016)	ND(0.00000051)
Total Dioxins		0.0000012	NS	0.000045	NS	NS	0.0000016	0.00000083
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		21.0	NS	22.0	NS	NS	ND(19.0)	ND(20.0)
Barium		42.0	NS	ND(38.0)	NS	NS	ND(37.0)	ND(39.0)
Beryllium		0.190	NS	0.260	NS	NS	0.380	ND(0.200)
Cadmium		ND(1.80)	NS	ND(1.90)	NS	NS	ND(1.90)	ND(2.00)
Chromium		9.00	NS	8.80	NS	NS	9.60	9.40
Cobalt		10.0	NS	11.0	NS	NS	13.0	13.0
Copper		32.0	NS	41.0	NS	NS	30.0	30.0
Cyanide		ND(1.00)	NS	ND(1.30)	NS	NS	ND(1.00)	ND(1.30)
Lead		21.0	NS	46.0	NS	NS	17.0	13.0
Mercury		ND(0.240)	NS	ND(0.260)	NS	NS	ND(0.250)	ND(0.260)
Nickel		15.0	NS	15.0	NS	NS	21.0	20.0
Selenium		**ND(0.910) J**	NS	ND(0.960)	NS	NS	ND(0.930)	ND(0.980)
Silver		ND(0.910)	NS	ND(0.960)	NS	NS	ND(0.930)	ND(0.980)
Sulfide		ND(6.00)	NS	45.0	NS	NS	ND(6.20)	17.0
Thallium		ND(1.80)	NS	ND(1.90)	NS	NS	ND(1.90)	ND(2.00)
Tin		ND(54.0)	NS	ND(58.0)	NS	NS	ND(56.0)	ND(59.0)
Vanadium		ND(9.10)	NS	10.0	NS	NS	ND(9.30)	ND(9.80)
Zinc		45.0	NS	53.0	NS	NS	48.0	48.0

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-40 10-12 12/07/00	30s Complex RAA2-41 1-6 12/06/00	30s Complex RAA2-41 2-4 12/06/00	30s Complex RAA2-42 1.4-6 01/08/01	30s Complex RAA2-42 4-6 01/08/01
Volatile Organics					
Benzene	ND(0.0066)	NS	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)
Chlorobenzene	ND(0.0066)	NS	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)
Tetrachloroethene	ND(0.0066)	NS	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)
Trichloroethene	ND(0.0066)	NS	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)
Xylenes (total)	ND(0.0066)	NS	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)
Semivolatile Organics					
2,3,4,6-Tetrachlorophenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2,4,5-Trichlorophenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2,4,6-Trichlorophenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2,4-Dichlorophenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2,4-Dimethylphenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2,4-Dinitrophenol	NS	ND(2.0) [ND(2.0)]	NS	ND(13)	NS
2,6-Dichlorophenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2-Acetylaminofluorene	NS	ND(0.80) [ND(0.81) J]	NS	ND(5.2)	NS
2-Chlorophenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2-Methylnaphthalene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2-Methylphenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
2-Nitrophenol	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
3&4-Methylphenol	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
3,3'-Dichlorobenzidine	NS	ND(2.0) [ND(2.0)]	NS	ND(13)	NS
3,3'-Dimethylbenzidine	NS	ND(2.0) [ND(2.0)]	NS	ND(13)	NS
3-Methylcholanthrene	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
4-Chloro-3-Methylphenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
4-Nitrophenol	NS	ND(2.0) [ND(2.0)]	NS	ND(13)	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(0.80) [ND(0.81) J]	NS	ND(5.2)	NS
Acenaphthene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Acenaphthylene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Anthracene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Aramite	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
Benzidine	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
Benzo(a)anthracene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Benzo(a)pyrene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Benzo(b)fluoranthene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Benzo(g,h,i)perylene	NS	**0.50 J [ND(0.40)]**	NS	ND(2.6)	NS
Benzo(k)fluoranthene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
bis(2-Ethylhexyl)phthalate	NS	**ND(0.39) J [ND(0.40)]**	NS	ND(2.6)	NS
Butylbenzylphthalate	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
Chrysene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Dibenzo(a,h)anthracene	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
Dibenzofuran	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Di-n-Butylphthalate	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Di-n-Octylphthalate	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Fluoranthene	NS	0.60 [ND(0.40)]	NS	ND(2.6)	NS
Fluorene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Hexachlorophene	NS	**ND(0.80) J [ND(0.81) J]**	NS	ND(5.2)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.80) [ND(0.81)]	NS	ND(5.2)	NS
Naphthalene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Pentachlorobenzene	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Pentachlorophenol	NS	ND(2.0) [ND(2.0)]	NS	ND(13)	NS
Phenanthrene	NS	0.54 [ND(0.40)]	NS	ND(2.6)	NS
Phenol	NS	ND(0.39) [ND(0.40)]	NS	ND(2.6)	NS
Pyrene	NS	0.44 [ND(0.40)]	NS	ND(2.6)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-40 10-12 12/07/00	30s Complex RAA2-41 1-6 12/06/00	30s Complex RAA2-41 2-4 12/06/00	30s Complex RAA2-42 1.4-6 01/08/01	30s Complex RAA2-42 4-6 01/08/01
Furans						
2,3,7,8-TCDF		NS	ND(0.000000068) [ND(0.000000073)]	NS	ND(0.000000067)	NS
TCDFs (total)		NS	ND(0.000000068) [ND(0.000000073)]	NS	ND(0.000000067)	NS
1,2,3,7,8-PeCDF		NS	0.000000055 w [0.000000060 J**]	NS	ND(0.000000094)	NS
2,3,4,7,8-PeCDF		NS	0.000000073 w [0.000000076 J**]	NS	ND(0.000000092)	NS
PeCDFs (total)		NS	0.00000034 [0.00000051]	NS	0.00000078	NS
1,2,3,4,7,8-HxCDF		NS	0.000000097 J** [0.000000082 J**]	NS	ND(0.00000015)	NS
1,2,3,6,7,8-HxCDF		NS	0.00000010 J** [0.000000095 J**]	NS	ND(0.00000015)	NS
1,2,3,7,8,9-HxCDF		NS	ND(0.000000054) [ND(0.000000048)]	NS	ND(0.00000018)	NS
2,3,4,6,7,8-HxCDF		NS	ND(0.000000049) [0.000000051 J**]	NS	ND(0.00000016)	NS
HxCDFs (total)		NS	0.00000050 [0.00000056]	NS	0.0000010	NS
1,2,3,4,6,7,8-HpCDF		NS	0.00000013 J** [0.00000014 J**]	NS	0.00000018 J**	NS
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000000053) [ND(0.000000064)]	NS	ND(0.00000016)	NS
HpCDFs (total)		NS	0.00000013 [0.00000014]	NS	0.00000018	NS
OCDF		NS	ND(0.00000014) [ND(0.000000095)]	NS	ND(0.00000033)	NS
Total Furans		NS	0.00000097 [0.0000012]	NS	0.0000020	NS
Dioxins						
2,3,7,8-TCDD		NS	ND(0.000000074) [ND(0.000000056)]	NS	ND(0.000000096)	NS
TCDDs (total)		NS	ND(0.00000024) [ND(0.00000024)]	NS	ND(0.00000026)	NS
1,2,3,7,8-PeCDD		NS	ND(0.000000068) [ND(0.000000055)]	NS	ND(0.00000011)	NS
PeCDDs (total)		NS	ND(0.00000037) [ND(0.00000035)]	NS	ND(0.00000037)	NS
1,2,3,4,7,8-HxCDD		NS	ND(0.000000079) [ND(0.000000049)]	NS	ND(0.00000012)	NS
1,2,3,6,7,8-HxCDD		NS	ND(0.000000083) [ND(0.000000052)]	NS	ND(0.00000013)	NS
1,2,3,7,8,9-HxCDD		NS	ND(0.000000075) [ND(0.000000047)]	NS	ND(0.00000012)	NS
HxCDDs (total)		NS	ND(0.00000036) [ND(0.00000040)]	NS	ND(0.00000053)	NS
1,2,3,4,6,7,8-HpCDD		NS	ND(0.00000031) [ND(0.00000028)]	NS	0.00000041 J**	NS
HpCDDs (total)		NS	0.00000052 [ND(0.00000051)]	NS	0.00000061	NS
OCDD		NS	0.0000098 [0.0000096]	NS	0.0000016 J**	NS
Total Dioxins		NS	0.000010 [0.000010]	NS	0.0000022	NS
WHO TEF		NS	[]	NS	NS	NS
Inorganics						
Arsenic		NS	ND(18.0) [ND(18.0)]	NS	ND(19.0)	NS
Barium		NS	ND(36.0) [ND(36.0)]	NS	ND(39.0)	NS
Beryllium		NS	ND(0.180) [ND(0.180)]	NS	0.230	NS
Cadmium		NS	ND(1.80) [ND(1.80)]	NS	ND(1.90)	NS
Chromium		NS	8.00 [10.0]	NS	12.0	NS
Cobalt		NS	11.0 [12.0]	NS	12.0	NS
Copper		NS	30.0 [30.0]	NS	27.0	NS
Cyanide		NS	ND(1.20) [ND(1.20)]	NS	ND(1.00)	NS
Lead		NS	14.0 [10.0]	NS	11.0	NS
Mercury		NS	ND(0.240) [ND(0.240)]	NS	ND(0.260)	NS
Nickel		NS	18.0 [22.0]	NS	21.0	NS
Selenium		NS	ND(0.890) [ND(0.900)]	NS	ND(0.970)	NS
Silver		NS	ND(0.890) [ND(0.900)]	NS	ND(0.970)	NS
Sulfide		NS	ND(5.90) [ND(6.00)]	NS	ND(6.50)	NS
Thallium		NS	ND(1.80) [ND(1.80)]	NS	ND(1.90)	NS
Tin		NS	ND(53.0) [ND(54.0)]	NS	ND(58.0)	NS
Vanadium		NS	ND(8.90) [ND(9.00)]	NS	ND(9.70)	NS
Zinc		NS	44.0 [56.0]	NS	60.0	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-43 6-15 12/01/00	30s Complex RAA2-43 12-14 12/01/00	30s Complex RAA2-SB-1,SB-2,SB-3 0-1 11/27/00	40s Complex RF-2 0-1 12/04/00	40s Complex RF-16 1-6 01/02/01	40s Complex RF-16 2-4 01/02/01
Volatile Organics							
Benzene		NS	0.016	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)
Chlorobenzene		NS	ND(0.0058)	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)
Tetrachloroethene		NS	ND(0.0058)	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)
Trichloroethene		NS	ND(0.0058)	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)
Xylenes (total)		NS	0.013	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2,4,5-Trichlorophenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2,4,6-Trichlorophenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2,4-Dichlorophenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2,4-Dimethylphenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2,4-Dinitrophenol		ND(9.8)	NS	ND(2.1)	ND(10)	ND(2.7)	NS
2,6-Dichlorophenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2-Acetylaminofluorene		ND(3.9)	NS	ND(0.84)	ND(4.2)	ND(1.0)	NS
2-Chlorophenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2-Methylnaphthalene		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2-Methylphenol		**ND(2.0) J**	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
2-Nitrophenol		ND(3.9)	NS	ND(0.84)	ND(4.2)	ND(1.0)	NS
3&4-Methylphenol		ND(3.9)	NS	ND(0.84)	ND(4.2)	ND(1.0)	NS
3,3'-Dichlorobenzidine		ND(9.8)	NS	ND(2.1)	ND(10)	**ND(2.7) J**	NS
3,3'-Dimethylbenzidine		ND(9.8)	NS	ND(2.1)	ND(10)	**ND(2.7) J**	NS
3-Methylcholanthrene		ND(3.9)	NS	ND(0.84)	ND(4.2)	ND(1.0)	NS
4,6-Dinitro-2-methylphenol		ND(9.8)	NS	ND(0.42)	ND(2.1)	**ND(0.53) J**	NS
4-Chloro-3-Methylphenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
4-Nitrophenol		ND(9.8)	NS	ND(2.1)	ND(10)	ND(2.7)	NS
7,12-Dimethylbenz(a)anthracene		ND(3.9)	NS	**ND(0.84) J**	ND(4.2)	ND(1.0)	NS
Acenaphthene		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Acenaphthylene		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Anthracene		2.0	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Aramite		**ND(3.9) J**	NS	ND(0.84)	**ND(4.2) J**	**ND(1.0) J**	NS
Benzidine		ND(3.9)	NS	**ND(0.84) J**	ND(4.2)	**ND(1.0) J**	NS
Benzo(a)anthracene		4.3	NS	0.52	ND(2.1)	ND(0.53)	NS
Benzo(a)pyrene		2.7	NS	0.45	2.3	ND(0.53)	NS
Benzo(b)fluoranthene		2.7	NS	0.37 J	2.1	ND(0.53)	NS
Benzo(g,h,i)perylene		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Benzo(k)fluoranthene		2.8	NS	0.53	2.1	ND(0.53)	NS
bis(2-Ethylhexyl)phthalate		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Butylbenzylphthalate		ND(3.9)	NS	ND(0.84)	ND(4.2)	ND(1.0)	NS
Chrysene		4.5	NS	0.65	ND(2.1)	ND(0.53)	NS
Dibenzo(a,h)anthracene		ND(3.9)	NS	**ND(0.84) J**	ND(4.2)	ND(1.0)	NS
Dibenzofuran		ND(2.0)	NS	ND(0.42)	ND(2.1)	0.91	NS
Di-n-Butylphthalate		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Di-n-Octylphthalate		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Fluoranthene		8.8	NS	1.1	2.8	0.62	NS
Fluorene		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Hexachlorophene		ND(3.9)	NS	**ND(0.84) J**	**ND(4.2) J**	**ND(1.0) J**	NS
Indeno(1,2,3-cd)pyrene		ND(3.9)	NS	ND(0.84)	ND(4.2)	ND(1.0)	NS
Naphthalene		ND(2.0)	NS	ND(0.42)	ND(2.1)	0.55	NS
Pentachlorobenzene		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Pentachlorophenol		ND(9.8)	NS	ND(2.1)	ND(10)	ND(2.7)	NS
Phenanthrene		8.2	NS	ND(0.42)	ND(2.1)	4.1	NS
Phenol		ND(2.0)	NS	ND(0.42)	ND(2.1)	ND(0.53)	NS
Pyrene		7.9	NS	0.90	2.8	ND(0.53)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area:	30s Complex	30s Complex	30s Complex	40s Complex	40s Complex	40s Complex
Sample ID:	RAA2-43	RAA2-43	RAA2-SB-1,SB-2,SB-3	RF-2	RF-16	RF-16
Sample Depth(Feet):	6-15	12-14	0-1	0-1	1-6	2-4
Date Collected:	12/01/00	12/01/00	11/27/00	12/04/00	01/02/01	01/02/01
Furans						
2,3,7,8-TCDF	ND(0.00000036)	NS	0.0000079	0.000024	0.000012	NS
TCDFs (total)	ND(0.00000036)	NS	0.000030	0.00014	0.00012	NS
1,2,3,7,8-PeCDF	ND(0.00000034)	NS	0.0000049 I	0.000020	0.0000014 J**	NS
2,3,4,7,8-PeCDF	ND(0.00000033)	NS	0.0000037	0.000013	0.0000012 J**	NS
PeCDFs (total)	ND(0.00000033)	NS	0.00010	0.00028	0.000026	NS
1,2,3,4,7,8-HxCDF	ND(0.00000045)	NS	0.00010 I	0.00020	0.0000010 J**	NS
1,2,3,6,7,8-HxCDF	ND(0.00000045)	NS	0.0000032 w	ND(0.0000026)	0.00000064 J**	NS
1,2,3,7,8,9-HxCDF	ND(0.00000058)	NS	ND(0.0000016)	ND(0.0000033)	0.00000023 J**	NS
2,3,4,6,7,8-HxCDF	ND(0.00000045)	NS	0.0000099	0.000014	0.00000045 J**	NS
HxCDFs (total)	ND(0.00000045)	NS	0.00014	0.00021	0.0000051	NS
1,2,3,4,6,7,8-HpCDF	ND(0.00000020)	NS	0.000017	0.000041 B	0.00000028 J**	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000028)	NS	0.0000017 w	0.0000042	0.0000012 J**	NS
HpCDFs (total)	ND(0.00000020)	NS	0.000017	0.000045	0.0000021	NS
OCDF	ND(0.00000063)	NS	0.0000084	0.000026 B	0.0000022 J**	NS
Total Furans	ND(0.00000063)	NS	0.00030	0.00070	0.00016	NS
Dioxins						
2,3,7,8-TCDD	ND(0.00000014)	NS	**ND(0.00000020) J**	ND(0.00000026)	0.00000030 w	NS
TCDDs (total)	ND(0.00000014)	NS	ND(0.00000020)	0.0000060	0.000054	NS
1,2,3,7,8-PeCDD	ND(0.00000033)	NS	ND(0.0000014)	ND(0.00000075)	0.00000032 w	NS
PeCDDs (total)	ND(0.00000033)	NS	ND(0.0000014)	ND(0.00000075)	0.000021	NS
1,2,3,4,7,8-HxCDD	ND(0.00000022)	NS	ND(0.00000057)	0.00000065 w	0.00000023 J**	NS
1,2,3,6,7,8-HxCDD	ND(0.00000021)	NS	ND(0.00000054)	0.0000014	0.00000050 J**	NS
1,2,3,7,8,9-HxCDD	ND(0.00000021)	NS	ND(0.00000053)	ND(0.00000035)	0.00000032 w	NS
HxCDDs (total)	ND(0.00000021)	NS	ND(0.00000054)	0.0000024	0.0000092	NS
1,2,3,4,6,7,8-HpCDD	ND(0.00000046)	NS	0.000011	0.000015 B	ND(0.0000016)	NS
HpCDDs (total)	ND(0.00000046)	NS	0.000018	0.000036	ND(0.0000016)	NS
OCDD	ND(0.00000041)	NS	0.000080 B	0.00012 B	ND(0.0000025)	NS
Total Dioxins	ND(0.00000046)	NS	0.000098	0.00016	0.000090	NS
WHO TEF	NS	NS	NS	NS	NS	NS
Inorganics						
Arsenic	ND(29.0)	NS	ND(19.0)	ND(19.0)	84.0	NS
Barium	ND(59.0)	NS	38.0	93.0	130	NS
Beryllium	0.470	NS	0.380	0.440	ND(0.240)	NS
Cadmium	ND(2.90)	NS	ND(1.90)	ND(1.90)	ND(2.40)	NS
Chromium	9.90	NS	11.0	11.0	8.90	NS
Cobalt	ND(15.0)	NS	10.0	9.60	ND(12.0)	NS
Copper	570	NS	64.0	94.0	28.0	NS
Cyanide	0.800	NS	ND(1.00)	ND(1.20)	ND(1.00)	NS
Lead	120	NS	39.0	310	93.0	NS
Mercury	ND(0.390)	NS	4.40	0.380	ND(0.320)	NS
Nickel	18.0	NS	25.0	17.0	ND(9.50)	NS
Selenium	**ND(1.50) J**	NS	ND(0.940)	ND(0.940)	5.50	NS
Silver	ND(1.50)	NS	ND(0.940)	ND(0.940)	ND(1.20)	NS
Sulfide	810	NS	16.0	28.0	13.0	NS
Thallium	ND(2.90)	NS	ND(1.90)	ND(1.90)	**ND(2.4) J**	NS
Tin	ND(88.0)	NS	ND(56.0)	ND(56.0)	ND(71.0)	NS
Vanadium	ND(15.0)	NS	33.0	13.0	17.0	NS
Zinc	510	NS	77.0	180	15.0	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-1 0-1 01/04/01	40s Complex RAA1-2 6-8 12/19/00	40s Complex RAA1-2 6-15 12/19/00	40s Complex RAA1-3 0-1 12/19/00	40s Complex RAA1-4 0-1 01/02/01	40s Complex RAA1-5 1-6 01/04/01	40s Complex RAA1-5 2-4 01/04/01
Volatile Organics							
Benzene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS	ND(0.0079)
Chlorobenzene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS	ND(0.0079)
Tetrachloroethene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS	ND(0.0079)
Trichloroethene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS	ND(0.0079)
Xylenes (total)	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS	ND(0.0079)
Semivolatile Organics							
2,3,4,6-Tetrachlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2,4,5-Trichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2,4,6-Trichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2,4-Dichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2,4-Dimethylphenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2,4-Dinitrophenol	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)	NS
2,6-Dichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2-Acetylaminofluorene	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)	NS
2-Chlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2-Methylnaphthalene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2-Methylphenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
2-Nitrophenol	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)	NS
3&4-Methylphenol	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)	NS
3,3'-Dichlorobenzidine	ND(12)	NS	ND(2.4)	ND(2.3)	**ND(2.3) J**	ND(13)	NS
3,3'-Dimethylbenzidine	ND(12)	NS	ND(2.4)	ND(2.3)	**ND(2.3) J**	ND(13)	NS
3-Methylcholanthrene	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)	NS
4,6-Dinitro-2-methylphenol	**ND(2.4) J**	NS	ND(0.48)	ND(0.45)	**ND(0.45) J**	**ND(2.7) J**	NS
4-Chloro-3-Methylphenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
4-Nitrophenol	ND(12)	NS	**ND(2.4) J**	ND(2.3)	ND(2.3)	ND(13)	NS
7,12-Dimethylbenz(a)anthracene	ND(4.8)	NS	**ND(0.96) J**	**ND(0.90) J**	ND(0.90)	ND(5.4)	NS
Acenaphthene	2.6	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Acenaphthylene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Anthracene	5.4	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Aramite	**ND(4.8) J**	NS	ND(0.96)	ND(0.90)	**ND(0.90) J**	**ND(5.4) J**	NS
Benzidine	**ND(4.8) J**	NS	**ND(0.96) J**	ND(0.90)	**ND(0.90) J**	**ND(5.4) J**	NS
Benzo(a)anthracene	17	NS	ND(0.48)	0.60	ND(0.45)	ND(2.7)	NS
Benzo(a)pyrene	18	NS	ND(0.48)	0.68	ND(0.45)	ND(2.7)	NS
Benzo(b)fluoranthene	16	NS	ND(0.48)	0.54	ND(0.45)	ND(2.7)	NS
Benzo(g,h,i)perylene	18	NS	ND(0.48)	0.95	ND(0.45)	ND(2.7)	NS
Benzo(k)fluoranthene	16	NS	ND(0.48)	0.50	ND(0.45)	ND(2.7)	NS
bis(2-Ethylhexyl)phthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Butylbenzylphthalate	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)	NS
Chrysene	18	NS	ND(0.48)	0.49	ND(0.45)	ND(2.7)	NS
Dibenzo(a,h)anthracene	ND(4.8)	NS	**ND(0.96) J**	ND(0.90)	ND(0.90)	ND(5.4)	NS
Dibenzofuran	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Di-n-Butylphthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Di-n-Octylphthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Fluoranthene	33	NS	ND(0.48)	0.81	ND(0.45)	ND(2.7)	NS
Fluorene	2.6	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Hexachlorophene	**ND(4.8) J**	NS	**ND(0.96) J**	ND(0.90)	**ND(0.90) J**	**ND(5.4) J**	NS
Indeno(1,2,3-cd)pyrene	16	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)	NS
Naphthalene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Pentachlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Pentachlorophenol	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)	NS
Phenanthrene	32	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Phenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)	NS
Pyrene	29	NS	ND(0.48)	0.84	ND(0.45)	ND(2.7)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex RAA1-1 0-1 01/04/01	40s Complex RAA1-2 6-8 12/19/00	40s Complex RAA1-2 6-15 12/19/00	40s Complex RAA1-3 0-1 12/19/00	40s Complex RAA1-4 0-1 01/02/01	40s Complex RAA1-5 1-6 01/04/01	40s Complex RAA1-5 2-4 01/04/01
Furans								
2,3,7,8-TCDF		0.000036	NS	ND(0.000000037)	0.00000088	ND(0.000000077)	ND(0.000000075)	NS
TCDFs (total)		0.00028 I	NS	0.000000063	0.0000040	ND(0.000000041)	ND(0.000000075)	NS
1,2,3,7,8-PeCDF		ND(0.000013)	NS	ND(0.000000025)	0.00000031 J**	0.000000070 w	0.000000081 w	NS
2,3,4,7,8-PeCDF		ND(0.000027)	NS	ND(0.000000024)	0.00000065 J**	0.000000079 w	0.00000013 J**	NS
PeCDFs (total)		ND(0.00031)	NS	ND(0.000000050)	0.0000059	0.00000042	0.0000011 Q	NS
1,2,3,4,7,8-HxCDF		ND(0.000016)	NS	0.000000030 w	0.00000048 J**	0.000000088 w	0.00000010 J**	NS
1,2,3,6,7,8-HxCDF		ND(0.00001)	NS	0.000000059 J**	0.00000030 J**	0.000000075 w	0.00000013 J**	NS
1,2,3,7,8,9-HxCDF		0.0000024	NS	ND(0.000000033)	ND(0.000000057)	ND(0.000000042)	ND(0.000000063)	NS
2,3,4,6,7,8-HxCDF		ND(0.000018)	NS	ND(0.000000030)	0.00000065 J**	ND(0.000000039)	0.00000013 w	NS
HxCDFs (total)		ND(0.00023)	NS	0.000000059	0.0000078	0.00000039	0.0000013	NS
1,2,3,4,6,7,8-HpCDF		ND(0.00007)	NS	0.000000050 J**	0.0000019 J**	0.00000016 J**	0.00000044 J**	NS
1,2,3,4,7,8,9-HpCDF		0.0000046	NS	ND(0.000000046)	0.00000017 J**	ND(0.000000074)	ND(0.000000070)	NS
HpCDFs (total)		ND(0.00014)	NS	0.000000050	0.0000048	0.00000016	0.00000044	NS
OCDF		ND(0.000061)	NS	ND(0.000000075)	0.0000014 J**	ND(0.00000014)	0.00000018 J**	NS
Total Furans		0.0010	NS	0.00000017	0.000024	0.00000097	0.0000030	NS
Dioxins								
2,3,7,8-TCDD		0.0000012	NS	ND(0.000000044)	ND(0.000000073)	ND(0.000000055)	ND(0.000000054)	NS
TCDDs (total)		0.000011	NS	ND(0.00000032)	ND(0.00000029)	ND(0.00000032)	ND(0.00000029)	NS
1,2,3,7,8-PeCDD		ND(0.0000014)	NS	ND(0.000000025)	0.000000094 w	ND(0.000000081)	0.00000014 w	NS
PeCDDs (total)		0.000014 I	NS	ND(0.00000038)	0.00000012	ND(0.00000041)	ND(0.00000051) Q*	NS
1,2,3,4,7,8-HxCDD		0.0000016 J**	NS	ND(0.000000042)	ND(0.000000046)	ND(0.000000064)	ND(0.000000061)	NS
1,2,3,6,7,8-HxCDD		ND(0.0000037)	NS	ND(0.000000044)	0.00000042 J**	ND(0.000000067)	0.000000098 w	NS
1,2,3,7,8,9-HxCDD		ND(0.0000026)	NS	ND(0.000000040)	0.00000017 w	ND(0.000000060)	0.000000094 w	NS
HxCDDs (total)		0.000029	NS	ND(0.00000040)	0.0000023	ND(0.00000042)	ND(0.00000060)	NS
1,2,3,4,6,7,8-HpCDD		ND(0.000052)	NS	ND(0.00000017)	0.0000021 J**	ND(0.00000022)	0.00000056 J**	NS
HpCDDs (total)		0.000095	NS	ND(0.00000017)	0.0000039	ND(0.00000035)	0.0000012	NS
OCDD		ND(0.00023)	NS	ND(0.00000095)	0.0000074	ND(0.00000092)	0.0000031 J**	NS
Total Dioxins		0.00038	NS	0.0000011	0.000014	0.0000013	0.0000043	NS
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(21.0)	NS	ND(22.0)	ND(20.0)	ND(20.0)	ND(15.0)	NS
Barium		76.0	NS	ND(43.0)	ND(40.0)	ND(40.0)	95.0	NS
Beryllium		0.220	NS	0.220	ND(0.200)	0.220	0.470	NS
Cadmium		ND(2.10)	NS	ND(2.20)	ND(2.00)	ND(2.00)	ND(2.50)	NS
Chromium		180	NS	17.0	11.0	5.50	11.0	NS
Cobalt		ND(11.0)	NS	22.0	10.0	ND(10.0)	ND(12.0)	NS
Copper		13000 E	NS	45.0	58.0	26.0	100	NS
Cyanide		ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Lead		830	NS	12.0	61.0	57.0	79.0	NS
Mercury		0.650	NS	ND(0.290)	ND(0.270)	ND(0.270)	4.90	NS
Nickel		130	NS	37.0	19.0	8.90	18.0	NS
Selenium		ND(1.10)	NS	ND(1.10)	ND(1.00)	ND(1.00)	ND(1.20)	NS
Silver		ND(1.10)	NS	ND(1.10)	ND(1.00)	ND(1.00)	ND(1.20)	NS
Sulfide		73.0	NS	ND(7.20)	19.0	8.50	13.0	NS
Thallium		**ND(2.10) J**	NS	**ND(2.20) J**	**ND(2.00) J**	**ND(2.00) J**	**ND(2.50) J**	NS
Tin		150	NS	ND(65.0)	ND(60.0)	ND(60.0)	ND(74.0)	NS
Vanadium		24.0	NS	ND(11.0)	ND(10.0)	ND(10.0)	15.0	NS
Zinc		2600	NS	94.0	100	31.0	750	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-6 6-15 01/08/01	40s Complex RAA1-6 12-14 01/08/01	40s Complex RAA1-7 0-1 12/18/00	40s Complex RAA1-8 1-2 12/18/00	40s Complex RAA1-8 1-3 12/18/00	40s Complex RAA1-9 1-2 12/21/00
Volatile Organics						
Benzene	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)	NS	ND(0.0065)
Chlorobenzene	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)	NS	ND(0.0065)
Tetrachloroethene	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)	NS	ND(0.0065)
Trichloroethene	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)	NS	ND(0.0065)
Xylenes (total)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)	NS	ND(0.0065)
Semivolatile Organics						
2,3,4,6-Tetrachlorophenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2,4,5-Trichlorophenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2,4,6-Trichlorophenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2,4-Dichlorophenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2,4-Dimethylphenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2,4-Dinitrophenol	ND(15) [ND(16)]	NS	ND(2.4)	NS	R	NS
2,6-Dichlorophenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2-Acetylaminofluorene	ND(5.9) [ND(6.2)]	NS	**ND(0.97) J**	NS	ND(1.0)	NS
2-Chlorophenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2-Methylnaphthalene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
2-Methylphenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
2-Nitrophenol	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS	R	NS
3&4-Methylphenol	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS	R	NS
3,3'-Dichlorobenzidine	ND(15) [ND(16)]	NS	ND(2.4)	NS	ND(2.5)	NS
3,3'-Dimethylbenzidine	ND(15) [ND(16)]	NS	ND(2.4)	NS	ND(2.5)	NS
3-Methylcholanthrene	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS	ND(1.0)	NS
4,6-Dinitro-2-methylphenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
4-Chloro-3-Methylphenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	R	NS
4-Nitrophenol	ND(15) [ND(16)]	NS	ND(2.4)	NS	R	NS
7,12-Dimethylbenz(a)anthracene	ND(5.9) [ND(6.2)]	NS	**ND(0.97) J**	NS	ND(1.0)	NS
Acenaphthene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Acenaphthylene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Anthracene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Aramite	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS	**ND(1.0) J**	NS
Benzidine	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS	**ND(1.0) J**	NS
Benzo(a)anthracene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	0.94	NS
Benzo(a)pyrene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	1.1	NS
Benzo(b)fluoranthene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	0.82	NS
Benzo(g,h,i)perylene	ND(2.9) [ND(3.1)]	NS	0.83	NS	0.79	NS
Benzo(k)fluoranthene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	0.96	NS
bis(2-Ethylhexyl)phthalate	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	0.81	NS
Butylbenzylphthalate	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS	ND(1.0)	NS
Chrysene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	1.1	NS
Dibenzo(a,h)anthracene	ND(5.9) [ND(6.2)]	NS	**ND(0.97) J**	NS	ND(1.0)	NS
Dibenzofuran	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Di-n-Butylphthalate	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Di-n-Octylphthalate	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Fluoranthene	ND(2.9) [ND(3.1)]	NS	0.64	NS	1.7	NS
Fluorene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Hexachlorophene	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS	**ND(1.0) J**	NS
Indeno(1,2,3-cd)pyrene	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS	ND(1.0)	NS
Naphthalene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Pentachlorobenzene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	ND(0.49)	NS
Pentachlorophenol	ND(15) [ND(16)]	NS	ND(2.4)	NS	R	NS
Phenanthrene	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	1.2	NS
Phenol	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS	**2.8 J**	NS
Pyrene	ND(2.9) [ND(3.1)]	NS	0.55	NS	**2.2 J**	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area:	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex
Sample ID:	RAA1-6	RAA1-6	RAA1-7	RAA1-8	RAA1-8	RAA1-9
Sample Depth(Feet):	6-15	12-14	0-1	1-2	1-3	1-2
Date Collected:	01/08/01	01/08/01	12/18/00	12/18/00	12/18/00	12/21/00
Furans						
2,3,7,8-TCDF	ND(0.000000057) [ND(0.00000011)]	NS	0.000051	NS	0.0000038	NS
TCDFs (total)	ND(0.000000057) [ND(0.00000011)]	NS	0.00020	NS	0.000043	NS
1,2,3,7,8-PeCDF	ND(0.000000066) [ND(0.000000076)]	NS	0.000012	NS	0.0000019 J**	NS
2,3,4,7,8-PeCDF	ND(0.000000065) [ND(0.000000074)]	NS	0.000017	NS	0.0000059	NS
PeCDFs (total)	ND(0.000000066) [ND(0.000000075)]	NS	0.00013	NS	0.000071	NS
1,2,3,4,7,8-HxCDF	ND(0.00000011) [ND(0.00000011)]	NS	0.000026	NS	0.0000047	NS
1,2,3,6,7,8-HxCDF	ND(0.00000010) [ND(0.00000010)]	NS	0.000015	NS	0.0000031	NS
1,2,3,7,8,9-HxCDF	ND(0.00000013) [ND(0.00000013)]	NS	0.0000046	NS	0.0000013 J**	NS
2,3,4,6,7,8-HxCDF	ND(0.00000012) [ND(0.00000012)]	NS	0.0000083	NS	0.0000064	NS
HxCDFs (total)	ND(0.00000012) [ND(0.00000011)]	NS	0.00011	NS	0.00011	NS
1,2,3,4,6,7,8-HpCDF	ND(0.000000093) [ND(0.00000015)]	NS	0.000026	NS	0.000038	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000011) [ND(0.00000018)]	NS	0.0000050	NS	0.0000022 J**	NS
HpCDFs (total)	ND(0.00000010) [ND(0.00000016)]	NS	0.000047	NS	0.00010	NS
OCDF	ND(0.00000033) [ND(0.00000035)]	NS	0.000014	NS	0.000029	NS
Total Furans	ND(0.00000033) [ND(0.00000035)]	NS	0.00050	NS	0.00035	NS
Dioxins						
2,3,7,8-TCDD	ND(0.000000045) [ND(0.00000018)]	NS	0.00000021 w	NS	0.00000030 w	NS
TCDDs (total)	ND(0.00000031) [ND(0.00000018)]	NS	0.0000023	NS	0.0000017	NS
1,2,3,7,8-PeCDD	ND(0.000000093) [ND(0.000000092)]	NS	0.00000057 w	NS	0.00000081 w	NS
PeCDDs (total)	ND(0.00000042) [ND(0.00000042)]	NS	0.0000038	NS	0.0000049	NS
1,2,3,4,7,8-HxCDD	ND(0.00000016) [ND(0.00000019)]	NS	0.00000024 J**	NS	0.00000038 J**	NS
1,2,3,6,7,8-HxCDD	ND(0.00000017) [ND(0.00000020)]	NS	0.00000063 J**	NS	0.000011	NS
1,2,3,7,8,9-HxCDD	ND(0.00000015) [ND(0.00000018)]	NS	0.00000048 J**	NS	0.0000033	NS
HxCDDs (total)	ND(0.00000042) [ND(0.00000019)]	NS	0.0000074	NS	0.000084	NS
1,2,3,4,6,7,8-HpCDD	ND(0.00000013) [ND(0.00000018)]	NS	0.0000089	NS	0.000038	NS
HpCDDs (total)	ND(0.00000013) [ND(0.00000018)]	NS	0.000018	NS	0.00013	NS
OCDD	0.00000046 J** [0.00000033 J**w]	NS	0.000052	NS	0.00021	NS
Total Dioxins	0.00000046 [0.00000033]	NS	0.000084	NS	0.00043	NS
WHO TEF	[]	NS	NS	NS	NS	NS
Inorganics						
Arsenic	ND(22.0) [ND(23.0)]	NS	ND(22.0)	NS	ND(22.0)	NS
Barium	ND(44.0) [ND(46.0)]	NS	48.0	NS	79.0	NS
Beryllium	0.220 [0.250]	NS	0.360	NS	0.420	NS
Cadmium	ND(2.20) [ND(2.30)]	NS	ND(2.20)	NS	ND(2.20)	NS
Chromium	14.0 [14.0]	NS	24.0	NS	18.0	NS
Cobalt	15.0 [16.0]	NS	12.0	NS	ND(11.0)	NS
Copper	32.0 [33.0]	NS	480	NS	ND(22.0)	NS
Cyanide	ND(1.00) [ND(1.00)]	NS	ND(1.00)	NS	0.250	NS
Lead	10.0 [11.0]	NS	100	NS	12.0	NS
Mercury	ND(0.290) [ND(0.310)]	NS	0.420	NS	ND(0.300)	NS
Nickel	27.0 [29.0]	NS	110	NS	18.0	NS
Selenium	ND(1.10) [ND(1.20)]	NS	ND(1.10)	NS	ND(1.10)	NS
Silver	ND(1.10) [ND(1.20)]	NS	ND(1.10)	NS	ND(1.10)	NS
Sulfide	ND(7.40) [ND(7.80)]	NS	12.0	NS	52.0	NS
Thallium	ND(2.20) [ND(2.30)]	NS	**ND(2.20) J**	NS	**ND(2.20) J**	NS
Tin	ND(66.0) [ND(70.0)]	NS	ND(65.0)	NS	ND(67.0)	NS
Vanadium	ND(11.0) [ND(12.0)]	NS	14.0	NS	17.0	NS
Zinc	79.0 [79.0]	NS	380	NS	58.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area:	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex
Sample ID:	RAA1-9	RAA1-10	RAA1-11	RAA1-11	RAA1-12	RAA1-13
Sample Depth(Feet):	1-6	0-1	1-4	2-4	0-1	0-1
Parameter / Date Collected:	12/21/00	12/21/00	01/05/01	01/05/01	12/19/00	12/21/00
Volatile Organics						
Benzene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Chlorobenzene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Tetrachloroethene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Trichloroethene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Xylenes (total)	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Semivolatile Organics						
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4,5-Trichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4,6-Trichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4-Dichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4-Dimethylphenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4-Dinitrophenol	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
2,6-Dichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Acetylaminofluorene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
2-Chlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Methylnaphthalene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Methylphenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Nitrophenol	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
3&4-Methylphenol	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
3,3'-Dichlorobenzidine	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
3,3'-Dimethylbenzidine	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
3-Methylcholanthrene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
4,6-Dinitro-2-methylphenol	**ND(0.44) J**	**ND(0.50) J**	**ND(0.47) J**	NS	ND(0.60)	**ND(0.45) J**
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
4-Nitrophenol	ND(2.3)	ND(2.6)	ND(2.4)	NS	**ND(3.1) J**	ND(2.3)
7,12-Dimethylbenz(a)anthracene	ND(0.89)	ND(1.0)	ND(0.95)	NS	**ND(1.2) J**	ND(0.90)
Acenaphthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Acenaphthylene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Anthracene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Aramite	**ND(0.89) J**	**ND(1.0) J**	**ND(0.95) J**	NS	ND(1.2)	**ND(0.90) J**
Benzidine	ND(0.89)	ND(1.0)	**ND(0.95) J**	NS	**ND(1.2) J**	ND(0.90)
Benzo(a)anthracene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.71
Benzo(a)pyrene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.50
Benzo(b)fluoranthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.55
Benzo(g,h,i)perylene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Benzo(k)fluoranthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.66
bis(2-Ethylhexyl)phthalate	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Butylbenzylphthalate	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
Chrysene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.79
Dibenzo(a,h)anthracene	ND(0.89)	ND(1.0)	ND(0.95)	NS	**ND(1.2) J**	ND(0.90)
Dibenzofuran	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Di-n-Butylphthalate	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Di-n-Octylphthalate	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Fluoranthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	1.5
Fluorene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Hexachlorophene	**ND(0.89) J**	**ND(1.0) J**	**ND(0.95) J**	NS	**ND(1.2) J**	**ND(0.90) J**
Indeno(1,2,3-cd)pyrene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
Naphthalene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Pentachlorobenzene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Pentachlorophenol	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
Phenanthrene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	1.4
Phenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Pyrene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	1.8

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area:	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex
Sample ID:	RAA1-9	RAA1-10	RAA1-11	RAA1-11	RAA1-12	RAA1-13
Sample Depth(Feet):	1-6	0-1	1-4	2-4	0-1	0-1
Date Collected:	12/21/00	12/21/00	01/05/01	01/05/01	12/19/00	12/21/00
Furans						
2,3,7,8-TCDF	ND(0.00000011)	ND(0.00000013)	0.00000018 J**	NS	0.0000016	0.0000046
TCDFs (total)	0.00000051	0.00000084	0.0000011	NS	0.000010	0.000044
1,2,3,7,8-PeCDF	ND(0.000000093)	0.000000073 J**	0.000000083 J**	NS	0.00000066 J**	0.0000046
2,3,4,7,8-PeCDF	0.00000012 J**	0.00000017 J**	0.00000018 J**	NS	0.0000021 J**	0.0000046
PeCDFs (total)	0.00000071	0.0000020	0.0000015	NS	0.000020	0.000046
1,2,3,4,7,8-HxCDF	0.000000099 J**	0.000000096 J**	0.00000019 J**	NS	0.0000018 J**	0.0000095
1,2,3,6,7,8-HxCDF	0.000000099 J**	0.00000015 J**	0.00000015 J**	NS	0.0000012 J**	0.0000047
1,2,3,7,8,9-HxCDF	ND(0.000000056)	ND(0.000000053)	ND(0.000000052)	NS	0.00000029 J**	0.0000031
2,3,4,6,7,8-HxCDF	0.000000091 J**	0.00000024 J**	0.00000015 J**	NS	0.0000023	0.0000040
HxCDFs (total)	0.0000010	0.0000026	0.0000017	NS	0.000031	0.000045
1,2,3,4,6,7,8-HpCDF	0.00000023 J**	0.00000046 J**	ND(0.00000024)	NS	0.000015	0.000017
1,2,3,4,7,8,9-HpCDF	ND(0.000000084)	ND(0.000000051)	ND(0.000000065)	NS	0.00000070 J**	0.0000057
HpCDFs (total)	0.00000042	0.00000088	0.00000049	NS	0.000028	0.000033
OCDF	0.00000025 J**	0.00000029 J**	0.00000020 w	NS	0.0000078	0.000038
Total Furans	0.0000029	0.0000066	0.0000050	NS	0.000097	0.00021
Dioxins						
2,3,7,8-TCDD	ND(0.000000096)	ND(0.00000011)	ND(0.000000050)	NS	ND(0.000000066)	0.00000024 w
TCDDs (total)	ND(0.00000035)	ND(0.00000032)	ND(0.00000029)	NS	0.00000026	0.0000033
1,2,3,7,8-PeCDD	ND(0.000000048)	0.000000069 w	ND(0.000000064)	NS	0.00000027 w	0.00000042 J**
PeCDDs (total)	ND(0.00000045)	ND(0.00000051)	ND(0.00000043)	NS	0.00000070	0.0000051
1,2,3,4,7,8-HxCDD	ND(0.000000054)	ND(0.000000054)	ND(0.000000060)	NS	0.00000014 J**	0.00000029 J**
1,2,3,6,7,8-HxCDD	ND(0.000000057)	ND(0.000000056)	ND(0.000000064)	NS	0.00000068 J**	0.00000060 J**
1,2,3,7,8,9-HxCDD	ND(0.000000051)	ND(0.000000051)	ND(0.000000057)	NS	0.00000028 J**	0.00000042 J**
HxCDDs (total)	ND(0.00000056)	0.00000028	ND(0.00000047)	NS	0.0000055	0.0000057
1,2,3,4,6,7,8-HpCDD	ND(0.00000039)	0.00000070 J**	ND(0.00000032)	NS	0.000017	0.0000036
HpCDDs (total)	ND(0.00000060)	0.0000013	ND(0.00000054)	NS	0.000030	0.0000067
OCDD	ND(0.0000018)	0.0000050	ND(0.0000012)	NS	0.00015	0.0000075
Total Dioxins	0.0000024	0.0000066	0.0000017	NS	0.00019	0.000028
WHO TEF	ND(0.00000011)	ND(0.00000013)	NS	NS	NS	NS
Inorganics						
Arsenic	**ND(20.0) J**	**ND(23.0) J**	ND(21.0)	NS	ND(27.0)	**23.0 J**
Barium	**ND(40.0) J**	**ND(46.0) J**	ND(43.0)	NS	55.0	**77.0 J**
Beryllium	**0.220 J**	**0.260 J**	0.290	NS	0.440	**ND(0.200) J**
Cadmium	**ND(2.00) J**	**ND(2.30) J**	ND(2.10)	NS	ND(2.70)	**ND(2.00) J**
Chromium	**8.60 J**	**9.70 J**	7.20	NS	27.0	15.0
Cobalt	**ND(10.0) J**	**ND(11.0) J**	11.0	NS	ND(14.0)	**ND(10.0) J**
Copper	**30.0 J**	**ND(23.0) J**	ND(21.0)	NS	37.0	260
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Lead	23.0	22.0	6.90	NS	46.0	1700
Mercury	ND(0.270)	ND(0.300)	ND(0.280)	NS	ND(0.360)	ND(0.270)
Nickel	**15.0 J**	**16.0 J**	14.0	NS	17.0	49.0
Selenium	ND(1.00)	ND(1.10)	**ND(1.1) J**	NS	ND(1.40)	ND(1.00)
Silver	**ND(1.00) J**	**ND(1.10) J**	ND(1.10)	NS	ND(1.40)	**ND(1.00) J**
Sulfide	8.40	9.60	ND(7.10)	NS	ND(9.00)	8.50
Thallium	**ND(2.00) J**	**ND(2.30) J**	**ND(2.1) J**	NS	**ND(2.70) J**	**ND(2.00) J**
Tin	**ND(60.0) J**	**ND(68.0) J**	ND(64.0)	NS	ND(81.0)	1300
Vanadium	**ND(10.0) J**	**ND(11.0) J**	ND(11.0)	NS	ND(14.0)	**ND(10.0) J**
Zinc	54.0	56.0	43.0	NS	87.0	2000

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Removal Action Area:	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex
	Sample ID:	RAA1-14	RAA1-14	RAA1-15	RAA1-15	RAA1-16	RAA1-17	RAA1-17
	Sample Depth(Feet):	1-6	2-4	1-6	4-6	0-1	1-6	4-6
Parameter	Date Collected:	12/18/00	12/19/00	12/29/00	12/29/00	01/05/01	12/21/00	12/21/00
Volatile Organics								
Benzene		NS	ND(0.0063)	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)
Chlorobenzene		NS	ND(0.0063)	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)
Tetrachloroethene		NS	ND(0.0063)	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)
Trichloroethene		NS	ND(0.0063)	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)
Xylenes (total)		NS	ND(0.0063)	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)
Semivolatile Organics								
2,3,4,6-Tetrachlorophenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2,4,5-Trichlorophenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2,4,6-Trichlorophenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2,4-Dichlorophenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2,4-Dimethylphenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2,4-Dinitrophenol		ND(2.2)	NS	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS
2,6-Dichlorophenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2-Acetylaminofluorene		**ND(0.89) J**	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
2-Chlorophenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2-Methylnaphthalene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2-Methylphenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
2-Nitrophenol		ND(0.89)	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
3&4-Methylphenol		ND(0.89)	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
3,3'-Dichlorobenzidine		ND(2.2)	NS	**ND(2.3) J**	NS	ND(3.4)	ND(2.2)	NS
3,3'-Dimethylbenzidine		ND(2.2)	NS	**ND(2.3) J**	NS	ND(3.4)	ND(2.2)	NS
3-Methylcholanthrene		ND(0.89)	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
4,6-Dinitro-2-methylphenol		ND(0.44)	NS	**ND(0.45) J**	NS	**ND(0.68) J**	**ND(0.43) J**	NS
4-Chloro-3-Methylphenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
4-Nitrophenol		ND(2.2)	NS	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS
7,12-Dimethylbenz(a)anthracene		**ND(0.89) J**	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
Acenaphthene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Acenaphthylene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Anthracene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Aramite		**ND(0.89) J**	NS	**ND(0.90) J**	NS	**ND(1.4) J**	**ND(0.86) J**	NS
Benzidine		**ND(0.89) J**	NS	**ND(0.90) J**	NS	**ND(1.4) J**	ND(0.86)	NS
Benzo(a)anthracene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Benzo(a)pyrene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Benzo(b)fluoranthene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Benzo(g,h,i)perylene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Benzo(k)fluoranthene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
bis(2-Ethylhexyl)phthalate		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Butylbenzylphthalate		ND(0.89)	NS	ND(0.90)	NS	1.6	ND(0.86)	NS
Chrysene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Dibenzo(a,h)anthracene		**ND(0.89) J**	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
Dibenzofuran		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Di-n-Butylphthalate		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Di-n-Octylphthalate		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Fluoranthene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Fluorene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Hexachlorophene		**ND(0.89) J**	NS	**ND(0.90) J**	NS	**ND(1.4) J**	**ND(0.86) J**	NS
Indeno(1,2,3-cd)pyrene		ND(0.89)	NS	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS
Naphthalene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Pentachlorobenzene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Pentachlorophenol		ND(2.2)	NS	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS
Phenanthrene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Phenol		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS
Pyrene		ND(0.44)	NS	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex RAA1-14 1-6 12/18/00	40s Complex RAA1-14 2-4 12/19/00	40s Complex RAA1-15 1-6 12/29/00	40s Complex RAA1-15 4-6 12/29/00	40s Complex RAA1-16 0-1 01/05/01	40s Complex RAA1-17 1-6 12/21/00	40s Complex RAA1-17 4-6 12/21/00
Furans								
2,3,7,8-TCDF		0.00000069	NS	0.00000020 w	NS	ND(0.000000078)	ND(0.000000049)	NS
TCDFs (total)		0.000014	NS	0.0000033	NS	ND(0.000000078)	ND(0.000000049)	NS
1,2,3,7,8-PeCDF		0.00000028 J**	NS	0.00000011 J**	NS	0.000000087 w	ND(0.000000029)	NS
2,3,4,7,8-PeCDF		0.0000021	NS	0.00000026 J**	NS	0.00000015 J**	ND(0.000000028)	NS
PeCDFs (total)		0.000019	NS	0.0000017	NS	0.00000070	ND(0.000000029)	NS
1,2,3,4,7,8-HxCDF		0.00000053 J**	NS	0.00000020 J**	NS	0.00000014 w	0.000000032 w	NS
1,2,3,6,7,8-HxCDF		0.00000054 J**	NS	0.00000020 J**	NS	0.00000011 w	0.000000069 J**	NS
1,2,3,7,8,9-HxCDF		ND(0.00000010)	NS	ND(0.000000072)	NS	ND(0.000000084)	ND(0.000000045)	NS
2,3,4,6,7,8-HxCDF		0.0000014 J**	NS	0.00000024 J**	NS	0.00000012 J**	ND(0.000000041)	NS
HxCDFs (total)		0.000018	NS	0.0000015	NS	0.0000013	0.000000069	NS
1,2,3,4,6,7,8-HpCDF		0.0000053	NS	ND(0.00000056)	NS	ND(0.00000023)	ND(0.00000011)	NS
1,2,3,4,7,8,9-HpCDF		0.00000026 J**	NS	ND(0.000000055)	NS	ND(0.00000011)	ND(0.00000014)	NS
HpCDFs (total)		0.000010	NS	ND(0.00000056)	NS	0.00000052	ND(0.00000012)	NS
OCDF		0.0000032 w	NS	ND(0.00000016)	NS	0.00000026 w	ND(0.00000012)	NS
Total Furans		0.000064	NS	0.0000072	NS	0.0000028	0.000000069	NS
Dioxins								
2,3,7,8-TCDD		ND(0.000000055)	NS	ND(0.000000097)	NS	ND(0.00000011)	ND(0.000000066)	NS
TCDDs (total)		ND(0.00000028)	NS	ND(0.00000027)	NS	ND(0.00000035)	ND(0.00000032)	NS
1,2,3,7,8-PeCDD		0.000000073 w	NS	ND(0.000000059)	NS	ND(0.000000075)	ND(0.000000054)	NS
PeCDDs (total)		ND(0.00000042)	NS	ND(0.00000043)	NS	ND(0.00000043)	ND(0.00000043)	NS
1,2,3,4,7,8-HxCDD		ND(0.000000056)	NS	ND(0.000000064)	NS	ND(0.000000096)	ND(0.000000058)	NS
1,2,3,6,7,8-HxCDD		0.00000018 w	NS	ND(0.000000067)	NS	ND(0.00000010)	ND(0.000000062)	NS
1,2,3,7,8,9-HxCDD		0.00000010 w	NS	ND(0.000000060)	NS	ND(0.000000091)	ND(0.000000055)	NS
HxCDDs (total)		0.00000080	NS	0.00000012	NS	ND(0.00000052)	ND(0.00000050)	NS
1,2,3,4,6,7,8-HpCDD		0.0000021	NS	ND(0.00000042)	NS	ND(0.00000058)	ND(0.00000019)	NS
HpCDDs (total)		0.0000039	NS	ND(0.00000067)	NS	0.00000058	ND(0.00000019)	NS
OCDD		0.000019	NS	ND(0.0000015)	NS	ND(0.000004)	ND(0.00000066)	NS
Total Dioxins		0.000024	NS	0.0000023	NS	0.0000046	0.00000085	NS
WHO TEF		NS	NS	NS	NS	NS	NS	NS
Inorganics								
Arsenic		ND(20.0)	NS	ND(15.0)	NS	ND(22.0)	**ND(19.0) J**	NS
Barium		ND(40.0)	NS	48.0	NS	ND(43.0)	**ND(38.0) J**	NS
Beryllium		ND(0.200)	NS	0.300	NS	0.280	**ND(0.190) J**	NS
Cadmium		ND(2.00)	NS	ND(2.00)	NS	ND(2.20)	**ND(1.90) J**	NS
Chromium		12.0	NS	14.0	NS	9.90	**7.00 J**	NS
Cobalt		13.0	NS	14.0	NS	140	**ND(9.60) J**	NS
Copper		44.0	NS	420	NS	22.0	**26.0 J**	NS
Cyanide		ND(1.00)	NS	ND(2.70)	NS	ND(1.00)	ND(1.00)	NS
Lead		42.0	NS	300	NS	28.0	8.00	NS
Mercury		ND(0.260)	NS	ND(0.270)	NS	ND(0.290)	ND(0.260)	NS
Nickel		28.0	NS	23.0	NS	44.0	**13.0 J**	NS
Selenium		ND(0.990)	NS	ND(1.00)	NS	**ND(1.1) J**	ND(0.960)	NS
Silver		ND(0.990)	NS	ND(1.00)	NS	ND(1.10)	**ND(0.960) J**	NS
Sulfide		ND(6.60)	NS	ND(6.80)	NS	ND(7.20)	16.0	NS
Thallium		**ND(2.00) J**	NS	ND(2.00)	NS	**ND(2.2) J**	**ND(1.90) J**	NS
Tin		ND(60.0)	NS	65.0	NS	ND(65.0)	**ND(58.0) J**	NS
Vanadium		ND(9.90)	NS	ND(10.0)	NS	12.0	**ND(9.60) J**	NS
Zinc		200	NS	140	NS	220	36.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex RF-4 6-15 12/19/00	40s Complex RF-4 8-10 12/19/00
Volatile Organics		
Benzene	NS	ND(0.0081)
Chlorobenzene	NS	ND(0.0081)
Tetrachloroethene	NS	ND(0.0081)
Trichloroethene	NS	ND(0.0081)
Xylenes (total)	NS	ND(0.0081)
Semivolatile Organics		
2,3,4,6-Tetrachlorophenol	ND(0.42)	NS
2,4,5-Trichlorophenol	ND(0.42)	NS
2,4,6-Trichlorophenol	ND(0.42)	NS
2,4-Dichlorophenol	ND(0.42)	NS
2,4-Dimethylphenol	ND(0.42)	NS
2,4-Dinitrophenol	ND(2.1)	NS
2,6-Dichlorophenol	ND(0.42)	NS
2-Acetylaminofluorene	ND(0.84)	NS
2-Chlorophenol	ND(0.42)	NS
2-Methylnaphthalene	ND(0.42)	NS
2-Methylphenol	ND(0.42)	NS
2-Nitrophenol	ND(0.84)	NS
3&4-Methylphenol	ND(0.84)	NS
3,3'-Dichlorobenzidine	ND(2.1)	NS
3,3'-Dimethylbenzidine	ND(2.1)	NS
3-Methylcholanthrene	ND(0.84)	NS
4,6-Dinitro-2-methylphenol	ND(0.42)	NS
4-Chloro-3-Methylphenol	ND(0.42)	NS
4-Nitrophenol	**ND(2.1) J**	NS
7,12-Dimethylbenz(a)anthracene	**ND(0.84) J**	NS
Acenaphthene	ND(0.42)	NS
Acenaphthylene	ND(0.42)	NS
Anthracene	ND(0.42)	NS
Aramite	ND(0.84)	NS
Benzidine	**ND(0.84) J**	NS
Benzo(a)anthracene	ND(0.42)	NS
Benzo(a)pyrene	ND(0.42)	NS
Benzo(b)fluoranthene	ND(0.42)	NS
Benzo(g,h,i)perylene	ND(0.42)	NS
Benzo(k)fluoranthene	ND(0.42)	NS
bis(2-Ethylhexyl)phthalate	ND(0.42)	NS
Butylbenzylphthalate	ND(0.84)	NS
Chrysene	ND(0.42)	NS
Dibenzo(a,h)anthracene	**ND(0.84) J**	NS
Dibenzofuran	ND(0.42)	NS
Di-n-Butylphthalate	ND(0.42)	NS
Di-n-Octylphthalate	ND(0.42)	NS
Fluoranthene	ND(0.42)	NS
Fluorene	ND(0.42)	NS
Hexachlorophene	**ND(0.84) J**	NS
Indeno(1,2,3-cd)pyrene	ND(0.84)	NS
Naphthalene	ND(0.42)	NS
Pentachlorobenzene	ND(0.42)	NS
Pentachlorophenol	ND(2.1)	NS
Phenanthrene	ND(0.42)	NS
Phenol	ND(0.42)	NS
Pyrene	ND(0.42)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RF-4 6-15 12/19/00	40s Complex RF-4 8-10 12/19/00
Furans		
2,3,7,8-TCDF	ND(0.000000053)	NS
TCDFs (total)	ND(0.000000053)	NS
1,2,3,7,8-PeCDF	ND(0.000000026)	NS
2,3,4,7,8-PeCDF	ND(0.000000025)	NS
PeCDFs (total)	ND(0.000000050)	NS
1,2,3,4,7,8-HxCDF	ND(0.000000029)	NS
1,2,3,6,7,8-HxCDF	0.000000040 w	NS
1,2,3,7,8,9-HxCDF	ND(0.000000034)	NS
2,3,4,6,7,8-HxCDF	ND(0.000000031)	NS
HxCDFs (total)	ND(0.000000076)	NS
1,2,3,4,6,7,8-HpCDF	ND(0.000000051)	NS
1,2,3,4,7,8,9-HpCDF	ND(0.000000063)	NS
HpCDFs (total)	ND(0.000000056)	NS
OCDF	ND(0.000000071)	NS
Total Furans	ND(0.000000076)	NS
Dioxins		
2,3,7,8-TCDD	ND(0.000000075)	NS
TCDDs (total)	ND(0.00000031)	NS
1,2,3,7,8-PeCDD	ND(0.000000041)	NS
PeCDDs (total)	ND(0.00000039)	NS
1,2,3,4,7,8-HxCDD	ND(0.000000042)	NS
1,2,3,6,7,8-HxCDD	ND(0.000000044)	NS
1,2,3,7,8,9-HxCDD	ND(0.000000039)	NS
HxCDDs (total)	ND(0.00000042)	NS
1,2,3,4,6,7,8-HpCDD	ND(0.00000012)	NS
HpCDDs (total)	ND(0.00000012)	NS
OCDD	ND(0.00000046)	NS
Total Dioxins	0.00000058	NS
WHO TEF	NS	NS
Inorganics		
Arsenic	ND(19.0)	NS
Barium	ND(38.0)	NS
Beryllium	0.190	NS
Cadmium	ND(1.90)	NS
Chromium	12.0	NS
Cobalt	16.0	NS
Copper	39.0	NS
Cyanide	ND(1.00)	NS
Lead	9.80	NS
Mercury	ND(0.250)	NS
Nickel	26.0	NS
Selenium	ND(0.950)	NS
Silver	ND(0.950)	NS
Sulfide	8.00	NS
Thallium	**ND(1.90) J**	NS
Tin	ND(57.0)	NS
Vanadium	ND(9.50)	NS
Zinc	70.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides).
2. Data validation has been performed on data set as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachussets, Blasland Bouck & Lee, Inc. (approved October 17, 2000). For a more comprehensive explanation of qualified sample results please reference Appendix C.
3. ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
4. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. J - Indicates an estimated value less than the practical quantitation limit (PQL).
6. J* - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
7. J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
8. B - Analyte was also detected in the associated method blank.
9. Duplicate sample results are presented in brackets.
10. w - Estimated maximum possible concentration.
11. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
12. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
13. E - Analyte exceeded calibration range.
14. Q - Indicates the presence of quantitative interferences. Results may be biased low.
15. Q* - Elevated detection limit due to the presence of quantitative interferences.
16. **J** - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process.
17. R - Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.
18. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
19. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
20. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmenntal Health Perspectives 106(2), December 1998, per technical Attachment F to the SOW.

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
20s Complex						
PEDA-25-SB-1	0-1	2/20/01	ND(0.045)	0.63	2.0	2.63
	1-6	2/20/01	ND(0.046)	ND(0.046)	0.025 J	0.025 J
	6-15	2/20/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
PEDA-29-B-SB-1	0-1	2/22/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	2/22/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	2/22/01	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)
30s Complex						
PEDA-33-A-SB-1	0-1	2/22/01	ND(0.046)	0.28	0.72	1.0
	1-6	2/22/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	2/22/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
PEDA-33-SB-1	0-1	2/21/01	ND(0.044)	0.080	0.10	0.18
	1-6	2/21/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	2/21/01	ND(0.042)	ND(0.042)	0.080	0.080
PEDA-33-SB-2	0-1	2/21/01	ND(0.064)	ND(0.064)	0.032 J	0.032 J
	1-6	2/21/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	2/21/01	ND(0.42)	ND(0.42)	11	11
PEDA-33-SB-3	0-1	2/28/01	ND(0.042)	0.042 J	0.045	0.087
	1-6	2/28/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	2/28/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
PEDA-33-X-SB-1	0-1	2/22/01	ND(0.044)	0.12	0.35	0.47
	1-6	2/22/01	ND(0.040)	ND(0.040)	0.075	0.075
	6-15	2/22/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
PEDA-34-SB-1	0-1	2/22/01	ND(0.039)	0.079	ND(0.039)	0.079
	1-3	2/22/01	ND(0.040)	0.74	0.36	1.1
40s Complex						
PEDA-42-SB-1	0-1	2/20/01	ND(0.042)	0.18	0.068	0.248
	1-6	2/20/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	2/20/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
PEDA-42-SB2	0-1	2/19/01	ND(0.42)	6.5	1.4	7.9
	1-6	2/19/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	2/19/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
PEDA-42-SB3	0-1	2/19/01	ND(0.20)	2.4	0.80	3.2
	1-6	2/19/01	ND(0.041)	0.020 J	ND(0.041)	0.020 J
	6-10	2/19/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
PEDA-43-SB-1	0-1	2/21/01	ND(0.048)	0.71	0.82	1.53
	1-6	2/21/01	ND(0.042)	0.039 J	0.038 J	0.077 J
	6-15	2/21/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
PEDA-43-SB-2	0-1	2/21/01	ND(0.043)	0.31	0.12	0.43
	1-6	2/21/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	2/21/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
PEDA-44-SB-1	0-1	2/20/01	ND(0.040)	1.1	0.71	1.81
	1-4	2/20/01	ND(0.039) [ND(0.039)]	0.52 [0.56]	0.13 [0.13]	0.65 [0.69]
PEDA-44-SB2	0-1	2/19/01	ND(0.20)	2.7	0.66	3.36
	1-4	2/19/01	ND(0.037)	0.27	ND(0.037)	0.27

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. J - Indicates an estimated value less than the practical quantitation limit (PQL).
4. Duplicate results are presented in brackets.

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	20s Complex PEDA-25-SB-1 1-6 02/20/01	20s Complex PEDA-25-SB-1 4-6 02/20/01	20s Complex PEDA-29-B-SB-1 0-1 02/22/01	30s Complex PEDA-33-A-SB-1 0-1 02/22/01	30s Complex PEDA-33-SB-1 0-1 02/21/01
Volatile Organics					
Carbon Disulfide	NS	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.46)	NS	ND(0.39)	ND(0.66)	ND(0.44)
2-Methylnaphthalene	ND(0.46)	NS	ND(0.39)	ND(0.66)	ND(0.44)
Benzo(a)anthracene	ND(0.46)	NS	ND(0.39)	0.16 J	0.24 J
Benzo(a)pyrene	ND(0.46)	NS	ND(0.39)	ND(0.66)	0.26 J
Benzo(b)fluoranthene	ND(0.46)	NS	ND(0.39)	ND(0.66)	ND(0.44)
Benzo(g,h,i)perylene	ND(0.46)	NS	ND(0.39)	ND(0.66)	0.50
Benzo(k)fluoranthene	ND(0.46)	NS	ND(0.39)	ND(0.66)	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.46)	NS	ND(0.39)	ND(0.66)	0.67
Butylbenzylphthalate	ND(0.93)	NS	14	ND(1.3)	ND(0.88)
Chrysene	ND(0.46)	NS	ND(0.39)	0.17 J	0.27 J
Di-n-Butylphthalate	ND(0.46)	NS	ND(0.39)	1.5	ND(0.44)
Fluoranthene	ND(0.46)	NS	0.097 J	0.22 J	0.21 J
Naphthalene	ND(0.46)	NS	ND(0.39)	ND(0.66)	ND(0.44)
p-Dimethylaminoazobenzene	ND(2.4)	NS	ND(2.0)	0.61 J	ND(2.2)
Phenanthrene	ND(0.46)	NS	ND(0.39)	ND(0.66)	ND(0.44)
Pyrene	ND(0.46)	NS	0.14 J	0.26 J	0.25 J
Furans					
2,3,7,8-TCDF	ND(0.000000091)	NS	0.00000020 J**	0.0000068	0.0000057
TCDFs (total)	ND(0.000000091)	NS	0.0000015	0.000045	0.000042
1,2,3,7,8-PeCDF	ND(0.000000054)	NS	0.000000093 w	0.0000027	0.0000030
2,3,4,7,8-PeCDF	ND(0.000000053)	NS	0.00000022 J**	0.0000064	0.0000038
PeCDFs (total)	ND(0.000000053)	NS	0.0000016	0.000058	0.000034
1,2,3,4,7,8-HxCDF	0.000000080 J**	NS	0.00000012 w	0.0000032	0.0000035
1,2,3,6,7,8-HxCDF	0.000000091 J**	NS	0.00000012 J**	0.0000022 J**	0.0000019 J**
1,2,3,7,8,9-HxCDF	ND(0.000000097)	NS	ND(0.000000051)	0.00000063 J**	0.00000038 J**
2,3,4,6,7,8-HxCDF	ND(0.000000088)	NS	0.00000014 J**	0.0000053	0.0000015 J**
HxCDFs (total)	0.00000028	NS	0.0000019	0.000068	0.000022
1,2,3,4,6,7,8-HpCDF	0.00000013 w	NS	0.00000054 J**	0.0000079	0.0000046
1,2,3,4,7,8,9-HpCDF	ND(0.000000082)	NS	ND(0.000000059)	0.00000084 J**	0.00000072 J**
HpCDFs (total)	ND(0.000000074)	NS	0.0000017	0.000019	0.000011
OCDF	0.00000012 J**w	NS	0.0000014 J**	0.0000035 J**	0.0000050
Total Furans	0.00000040	NS	0.0000081	0.00019	0.00011
Dioxins					
2,3,7,8-TCDD	ND(0.00000016)	NS	ND(0.000000085)	ND(0.000000099)	ND(0.000000093)
TCDDs (total)	ND(0.00000035)	NS	ND(0.00000030)	0.00000070	0.00000096
1,2,3,7,8-PeCDD	ND(0.00000010)	NS	ND(0.000000062)	0.00000028 w	0.00000021 w
PeCDDs (total)	ND(0.00000048)	NS	ND(0.00000041)	0.0000020	0.0000022
1,2,3,4,7,8-HxCDD	ND(0.00000013)	NS	ND(0.000000069)	0.00000019 J**	0.00000015 J**
1,2,3,6,7,8-HxCDD	ND(0.00000013)	NS	0.00000015 J**	0.00000088 J**	0.0000012 J**
1,2,3,7,8,9-HxCDD	ND(0.00000012)	NS	0.00000011 J**	0.00000032 J**	0.00000038 J**
HxCDDs (total)	ND(0.00000045)	NS	0.00000073	0.0000059	0.000011
1,2,3,4,6,7,8-HpCDD	0.00000031 w	NS	0.0000020 J**	0.0000097	0.00011
HpCDDs (total)	ND(0.00000015)	NS	0.0000038	0.000020	0.00019
OCDD	0.0000013 J**	NS	0.000015	0.000032	0.00053
Total Dioxins	0.0000013	NS	0.000020	0.000061	0.00073
Total TEQs (WHO TEFs)	0.000000022	NS	0.00000023	0.0000058	0.0000049

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	20s Complex PEDA-25-SB-1 1-6 02/20/01	20s Complex PEDA-25-SB-1 4-6 02/20/01	20s Complex PEDA-29-B-SB-1 0-1 02/22/01	30s Complex PEDA-33-A-SB-1 0-1 02/22/01	30s Complex PEDA-33-SB-1 0-1 02/21/01
Inorganics					
Barium	ND(42.0)	NS	ND(30.0)	150	ND(39.0)
Beryllium	0.300	NS	ND(0.180)	ND(0.210)	0.240
Chromium	6.00	NS	5.00	13.0	8.00
Cobalt	37.0	NS	96.0	92.0	26.0
Copper	ND(21.0)	NS	ND(18.0)	92.0	100
Lead	6.30	NS	5.40	92.0	51.0
Mercury	ND(0.200)	NS	ND(0.200)	ND(0.200)	ND(0.200)
Nickel	14.0	NS	17.0	18.0	18.0
Silver	ND(1.00)	NS	ND(0.880)	ND(1.00)	ND(0.980)
Sulfide	8.80	NS	ND(5.90)	27.0	8.20
Tin	ND(62.0)	NS	ND(53.0)	ND(63.0)	ND(59.0)
Vanadium	ND(10.0)	NS	ND(8.80)	12.0	ND(9.80)
Zinc	39.0	NS	33.0	450	69.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	30s Complex PEDA-33-SB-2 6-8 02/21/01	30s Complex PEDA-33-SB-2 6-15 02/21/01	30s Complex PEDA-33-SB-3 1-6 02/28/01	30s Complex PEDA-33-SB-3 4-6 02/28/01	30s Complex PEDA-33-X-SB-1 0-1 02/22/01	30s Complex PEDA-34-SB-1 0-1 02/22/01
Volatile Organics						
Carbon Disulfide	1.5	NS	NS	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics						
1,2,4-Trichlorobenzene	NS	1.8	ND(0.42)	NS	ND(0.44)	ND(0.39)
2-Methylnaphthalene	NS	2.6	ND(0.42)	NS	ND(0.44)	ND(0.39)
Benzo(a)anthracene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Benzo(a)pyrene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Benzo(b)fluoranthene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Benzo(g,h,i)perylene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Benzo(k)fluoranthene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
bis(2-Ethylhexyl)phthalate	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Butylbenzylphthalate	NS	ND(0.86)	ND(0.85)	NS	ND(0.89)	ND(0.79)
Chrysene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Di-n-Butylphthalate	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Fluoranthene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Naphthalene	NS	6.1	ND(0.42)	NS	ND(0.44)	ND(0.39)
p-Dimethylaminoazobenzene	NS	ND(2.2)	ND(2.1)	NS	ND(2.2)	ND(2.0)
Phenanthrene	NS	ND(0.42)	ND(0.42)	NS	ND(0.44)	ND(0.39)
Pyrene	NS	ND(0.42)	ND(0.42)	NS	0.19 J	ND(0.39)
Furans						
2,3,7,8-TCDF	NS	0.0000026	ND(0.000000068)	NS	0.0000012	0.00000018 J**
TCDFs (total)	NS	0.000025	ND(0.000000068)	NS	0.000014	0.0000011
1,2,3,7,8-PeCDF	NS	0.0000015 J**	ND(0.000000042)	NS	0.00000060 J**	0.00000016 J**
2,3,4,7,8-PeCDF	NS	0.0000036	ND(0.000000041)	NS	0.0000021 J**	0.00000032 J**
PeCDFs (total)	NS	0.000027 I	ND(0.000000042)	NS	0.000023	0.0000025
1,2,3,4,7,8-HxCDF	NS	0.000014	0.000000042 J**	NS	0.0000016 J**	0.00000034 w
1,2,3,6,7,8-HxCDF	NS	0.0000025	0.000000063 J**	NS	0.0000013 J**	0.00000023 J**
1,2,3,7,8,9-HxCDF	NS	0.0000020 J**	ND(0.000000043)	NS	0.00000052 J**	ND(0.000000090)
2,3,4,6,7,8-HxCDF	NS	0.0000028	ND(0.000000040)	NS	0.0000040	0.00000036 J**
HxCDFs (total)	NS	0.000046	0.00000050	NS	0.000048	0.0000036
1,2,3,4,6,7,8-HpCDF	NS	0.000018	0.000000088 w	NS	0.0000054	0.00000053 w
1,2,3,4,7,8,9-HpCDF	NS	0.000012	ND(0.000000071)	NS	0.00000087 J**	0.00000018 J**
HpCDFs (total)	NS	0.000057	ND(0.000000064)	NS	0.000015	0.00000090
OCDF	NS	0.000060	ND(0.00000010)	NS	0.0000028 J**	0.00000054 J**
Total Furans	NS	0.00022	0.00000050	NS	0.00010	0.0000086
Dioxins						
2,3,7,8-TCDD	NS	0.00000028 w	ND(0.000000078)	NS	ND(0.000000067)	ND(0.000000093)
TCDDs (total)	NS	0.0000017	ND(0.00000029)	NS	ND(0.00000029)	ND(0.00000027)
1,2,3,7,8-PeCDD	NS	0.00000067 J**	ND(0.000000077)	NS	0.00000028 w	0.00000010 J**
PeCDDs (total)	NS	0.0000060	ND(0.00000044)	NS	0.00000072	0.00000010
1,2,3,4,7,8-HxCDD	NS	0.00000030 J**	ND(0.000000062)	NS	0.00000026 J**	0.000000092 J**
1,2,3,6,7,8-HxCDD	NS	0.00000092 J**	ND(0.000000066)	NS	0.00000036 J**	0.00000017 J**
1,2,3,7,8,9-HxCDD	NS	0.00000044 J**	ND(0.000000059)	NS	0.00000022 J**	0.00000011 J**
HxCDDs (total)	NS	0.0000094	ND(0.00000065)	NS	0.0000038	0.00000047
1,2,3,4,6,7,8-HpCDD	NS	0.0000028	0.00000060 J**	NS	0.0000034	0.0000016 J**
HpCDDs (total)	NS	0.0000060	0.0000012	NS	0.0000070	0.0000030
OCDD	NS	0.0000072	0.000012	NS	0.000020	0.000011
Total Dioxins	NS	0.000030	0.000013	NS	0.000032	0.000015
Total TEQs (WHO TEFs)	NS	0.0000057	0.000000019	NS	0.0000024	0.00000044

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	30s Complex PEDA-33-SB-2 6-8 02/21/01	30s Complex PEDA-33-SB-2 6-15 02/21/01	30s Complex PEDA-33-SB-3 1-6 02/28/01	30s Complex PEDA-33-SB-3 4-6 02/28/01	30s Complex PEDA-33-X-SB-1 0-1 02/22/01	30s Complex PEDA-34-SB-1 0-1 02/22/01
Inorganics						
Barium	NS	ND(38.0)	ND(38.0)	NS	ND(40.0)	51.0
Beryllium	NS	0.260	0.240	NS	ND(0.200)	0.300
Chromium	NS	13.0	11.0	NS	8.70	11.0
Cobalt	NS	14.0	12.0	NS	84.0	30.0
Copper	NS	31.0	31.0	NS	25.0	ND(18.0)
Lead	NS	12.0	13.0	NS	30.0	5.50
Mercury	NS	ND(0.200)	ND(0.250)	NS	ND(0.260)	ND(0.200)
Nickel	NS	26.0	20.0	NS	18.0	13.0
Silver	NS	ND(0.960)	ND(0.950)	NS	ND(0.990)	ND(0.880)
Sulfide	NS	8.10	ND(6.30)	NS	ND(6.60)	ND(5.90)
Tin	NS	ND(57.0)	ND(57.0)	NS	ND(60.0)	ND(53.0)
Vanadium	NS	11.0	9.60	NS	ND(9.90)	13.0
Zinc	NS	71.0	60.0	NS	48.0	35.0

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	40s Complex PEDA-42-SB-1 0-1 02/20/01	40s Complex PEDA-42-SB2 6-15 02/19/01	40s Complex PEDA-42-SB2 9-10 02/19/01	40s Complex PEDA-42-SB3 1-6 02/19/01	40s Complex PEDA-42-SB3 2-4 02/19/01	40s Complex PEDA-43-SB-1 6-15 02/21/01
Volatile Organics						
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	NS	ND(0.010)	NS
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)
2-Methylnaphthalene	ND(0.42)	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)
Benzo(a)anthracene	0.21 J	ND(0.39)	NS	0.91	NS	ND(0.40)
Benzo(a)pyrene	ND(0.42)	ND(0.39)	NS	0.77	NS	ND(0.40)
Benzo(b)fluoranthene	ND(0.42)	ND(0.39)	NS	0.64	NS	ND(0.40)
Benzo(g,h,i)perylene	ND(0.42)	ND(0.39)	NS	0.71	NS	ND(0.40)
Benzo(k)fluoranthene	ND(0.42)	ND(0.39)	NS	0.61	NS	ND(0.40)
bis(2-Ethylhexyl)phthalate	3.4	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)
Butylbenzylphthalate	ND(0.85)	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)
Chrysene	0.24 J	ND(0.39)	NS	0.81	NS	ND(0.40)
Di-n-Butylphthalate	ND(0.42)	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)
Fluoranthene	0.32 J	ND(0.39)	NS	1.7	NS	ND(0.40)
Naphthalene	ND(0.42)	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)
p-Dimethylaminoazobenzene	ND(2.2)	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)
Phenanthrene	0.23 J	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)
Pyrene	0.36 J	ND(0.39)	NS	2.0	NS	ND(0.40)
Furans						
2,3,7,8-TCDF	0.0000019	ND(0.000000044)	NS	0.00000058	NS	0.000000073 J**
TCDFs (total)	0.000013	0.000000064	NS	0.0000079	NS	0.00000042
1,2,3,7,8-PeCDF	0.00000094 J**	0.000000047 w	NS	0.00000084 J**	NS	0.000000080 J**
2,3,4,7,8-PeCDF	0.0000017 J**	ND(0.000000025)	NS	0.0000012 J**	NS	0.000000092 J**
PeCDFs (total)	0.000011	ND(0.000000025)	NS	0.0000073	NS	0.00000082
1,2,3,4,7,8-HxCDF	0.0000015 J**	0.000000036 w	NS	0.0000012 J**	NS	0.000000095 w
1,2,3,6,7,8-HxCDF	0.00000094 J**	0.000000077 J**	NS	0.0000011 J**	NS	0.00000011 J**
1,2,3,7,8,9-HxCDF	0.00000028 J**	ND(0.000000038)	NS	0.00000065 J**	NS	ND(0.000000072)
2,3,4,6,7,8-HxCDF	0.00000083 J**	ND(0.000000035)	NS	0.0000013 J**	NS	0.000000098 J**
HxCDFs (total)	0.0000088	0.000000077	NS	0.0000084	NS	0.00000048
1,2,3,4,6,7,8-HpCDF	0.0000018 J**	0.00000011 J**	NS	0.0000041	NS	0.00000020 J**
1,2,3,4,7,8,9-HpCDF	0.00000032 J**	ND(0.000000071)	NS	0.00000056 J**	NS	ND(0.000000053)
HpCDFs (total)	0.0000024	0.00000018	NS	0.0000055	NS	0.00000020
OCDF	0.0000010 J**	0.00000015 w	NS	0.0000028 J**	NS	ND(0.000000071)
Total Furans	0.000036	0.00000047	NS	0.000032	NS	0.0000019
Dioxins						
2,3,7,8-TCDD	ND(0.000000082)	ND(0.000000079)	NS	0.00000040 J**	NS	ND(0.000000086)
TCDDs (total)	0.00000024	ND(0.00000032)	NS	0.0000015	NS	ND(0.00000030)
1,2,3,7,8-PeCDD	0.00000018 J**	ND(0.000000043)	NS	0.00000082 J**	NS	ND(0.000000054)
PeCDDs (total)	0.0000014	ND(0.00000042)	NS	0.0000036	NS	ND(0.00000041)
1,2,3,4,7,8-HxCDD	ND(0.00000011)	ND(0.000000076)	NS	0.00000061 J**	NS	ND(0.000000054)
1,2,3,6,7,8-HxCDD	0.00000020 J**	ND(0.000000080)	NS	0.00000082 J**	NS	ND(0.000000056)
1,2,3,7,8,9-HxCDD	ND(0.00000010)	ND(0.000000072)	NS	0.00000069 J**	NS	ND(0.000000051)
HxCDDs (total)	0.0000018	ND(0.00000053)	NS	0.0000055	NS	ND(0.00000047)
1,2,3,4,6,7,8-HpCDD	0.0000014 J**	0.00000025 J**	NS	0.0000029	NS	0.00000040 J**
HpCDDs (total)	0.0000028	0.00000050	NS	0.0000052	NS	0.00000061
OCDD	0.0000034 J**	0.0000016 J**	NS	0.0000090	NS	0.0000016 J**
Total Dioxins	0.0000096	0.0000021	NS	0.000025	NS	0.0000022
Total TEQs (WHO TEFs)	0.0000017	0.000000017	NS	0.0000026	NS	0.000000094

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	40s Complex PEDA-42-SB-1 0-1 02/20/01	40s Complex PEDA-42-SB2 6-15 02/19/01	40s Complex PEDA-42-SB2 9-10 02/19/01	40s Complex PEDA-42-SB3 1-6 02/19/01	40s Complex PEDA-42-SB3 2-4 02/19/01	40s Complex PEDA-43-SB-1 6-15 02/21/01
Inorganics						
Barium	42.0	110	NS	ND(38.0)	NS	ND(36.0)
Beryllium	ND(0.190)	0.260	NS	0.440	NS	0.240
Chromium	7.70	12.0	NS	11.0	NS	7.10
Cobalt	30.0	10.0	NS	ND(9.40)	NS	9.10
Copper	140	35.0	NS	ND(19.0)	NS	35.0
Lead	150	86.0	NS	10.0	NS	17.0
Mercury	0.210	ND(0.200)	NS	ND(0.200)	NS	ND(0.200)
Nickel	17.0	15.0	NS	13.0	NS	16.0
Silver	ND(0.950)	1.50	NS	3.30	NS	ND(0.910)
Sulfide	9.80	ND(5.90)	NS	ND(6.20)	NS	ND(6.00)
Tin	140	ND(53.0)	NS	ND(56.0)	NS	ND(54.0)
Vanadium	ND(9.50)	9.40	NS	12.0	NS	ND(9.10)
Zinc	88.0	230	NS	41.0	NS	38.0

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	40s Complex PEDA-43-SB-1 12-15 02/21/01	40s Complex PEDA-43-SB-2 1-3 02/21/01	40s Complex PEDA-43-SB-2 1-6 02/21/01	40s Complex PEDA-44-SB-1 0-1 02/20/01	40s Complex PEDA-44-SB2 0-1 02/19/01
Volatile Organics					
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,2,4-Trichlorobenzene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2-Methylnaphthalene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(a)anthracene	NS	NS	0.20 J	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(a)pyrene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(b)fluoranthene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(g,h,i)perylene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(k)fluoranthene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
bis(2-Ethylhexyl)phthalate	NS	NS	ND(0.42)	1.5 [ND(0.42)]	ND(0.41)
Butylbenzylphthalate	NS	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Chrysene	NS	NS	0.19 J	ND(0.40) [ND(0.42)]	ND(0.41)
Di-n-Butylphthalate	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Fluoranthene	NS	NS	0.40 J	ND(0.40) [ND(0.42)]	ND(0.41)
Naphthalene	NS	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
p-Dimethylaminoazobenzene	NS	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
Phenanthrene	NS	NS	0.35 J	ND(0.40) [ND(0.42)]	ND(0.41)
Pyrene	NS	NS	0.42	ND(0.40) [ND(0.42)]	ND(0.41)
Furans					
2,3,7,8-TCDF	NS	NS	ND(0.000000072)	0.00000037 J** [0.00000060]	0.00000087
TCDFs (total)	NS	NS	ND(0.000000072)	0.0000023 [0.0000053]	0.0000064
1,2,3,7,8-PeCDF	NS	NS	0.000000063 w	0.00000022 J** [0.00000035 J**]	0.00000044 J**
2,3,4,7,8-PeCDF	NS	NS	0.000000054 w	0.00000055 J** [0.0000012 J**]	0.0000012 J**
PeCDFs (total)	NS	NS	0.000000075	0.0000040 [0.0000091]	0.0000084
1,2,3,4,7,8-HxCDF	NS	NS	0.000000055 J**	0.00000075 J** [0.0000012 J**]	0.0000016 J**
1,2,3,6,7,8-HxCDF	NS	NS	0.000000073 J**	0.00000034 J** [0.00000059 w]	0.00000081 J**
1,2,3,7,8,9-HxCDF	NS	NS	ND(0.000000063)	0.00000023 w [0.00000039 J**]	0.00000044 J**
2,3,4,6,7,8-HxCDF	NS	NS	ND(0.000000058)	0.00000041 J** [0.00000083 J**]	0.00000074 J**
HxCDFs (total)	NS	NS	0.00000022	0.0000053 [0.000011]	0.0000092
1,2,3,4,6,7,8-HpCDF	NS	NS	0.00000014 w	0.00000065 J** [0.0000014 J**]	0.0000011 J**
1,2,3,4,7,8,9-HpCDF	NS	NS	ND(0.000000067)	0.00000023 w [0.00000033 J**]	0.00000045 J**
HpCDFs (total)	NS	NS	ND(0.000000061)	0.0000016 [0.0000039]	0.0000030
OCDF	NS	NS	ND(0.00000014)	0.00000067 J** [0.0000014 J**]	0.0000011 J**
Total Furans	NS	NS	0.00000030	0.000014 [0.000031]	0.000028
Dioxins					
2,3,7,8-TCDD	NS	NS	ND(0.000000095)	ND(0.00000010) [ND(0.000000097)]	ND(0.000000078)
TCDDs (total)	NS	NS	0.00000027	ND(0.00000036) [ND(0.00000026)]	ND(0.00000034)
1,2,3,7,8-PeCDD	NS	NS	ND(0.000000063)	ND(0.000000058) [0.00000011 w]	0.000000071 w
PeCDDs (total)	NS	NS	0.00000041	0.00000012 [0.00000017]	0.00000017
1,2,3,4,7,8-HxCDD	NS	NS	ND(0.000000078)	ND(0.000000089) [ND(0.00000010)]	ND(0.000000088)
1,2,3,6,7,8-HxCDD	NS	NS	ND(0.000000083)	ND(0.000000094) [0.00000019 J**]	0.00000015 J**
1,2,3,7,8,9-HxCDD	NS	NS	ND(0.000000074)	ND(0.000000085) [ND(0.000000094)]	ND(0.000000083)
HxCDDs (total)	NS	NS	ND(0.00000056)	ND(0.00000051) [0.00000076]	0.00000044
1,2,3,4,6,7,8-HpCDD	NS	NS	0.00000029 J**	0.0000011 J** [0.0000020]	0.0000015 J**
HpCDDs (total)	NS	NS	0.00000029	0.0000020 [0.0000039]	0.0000030
OCDD	NS	NS	0.0000015 J**	0.0000050 [0.000010]	0.0000092
Total Dioxins	NS	NS	0.0000025	0.0000071 [0.000015]	0.000013
Total TEQs (WHO TEFs)	NS	NS	0.000000047	0.00000052 [0.0000011]	0.0000012

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PEDA INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

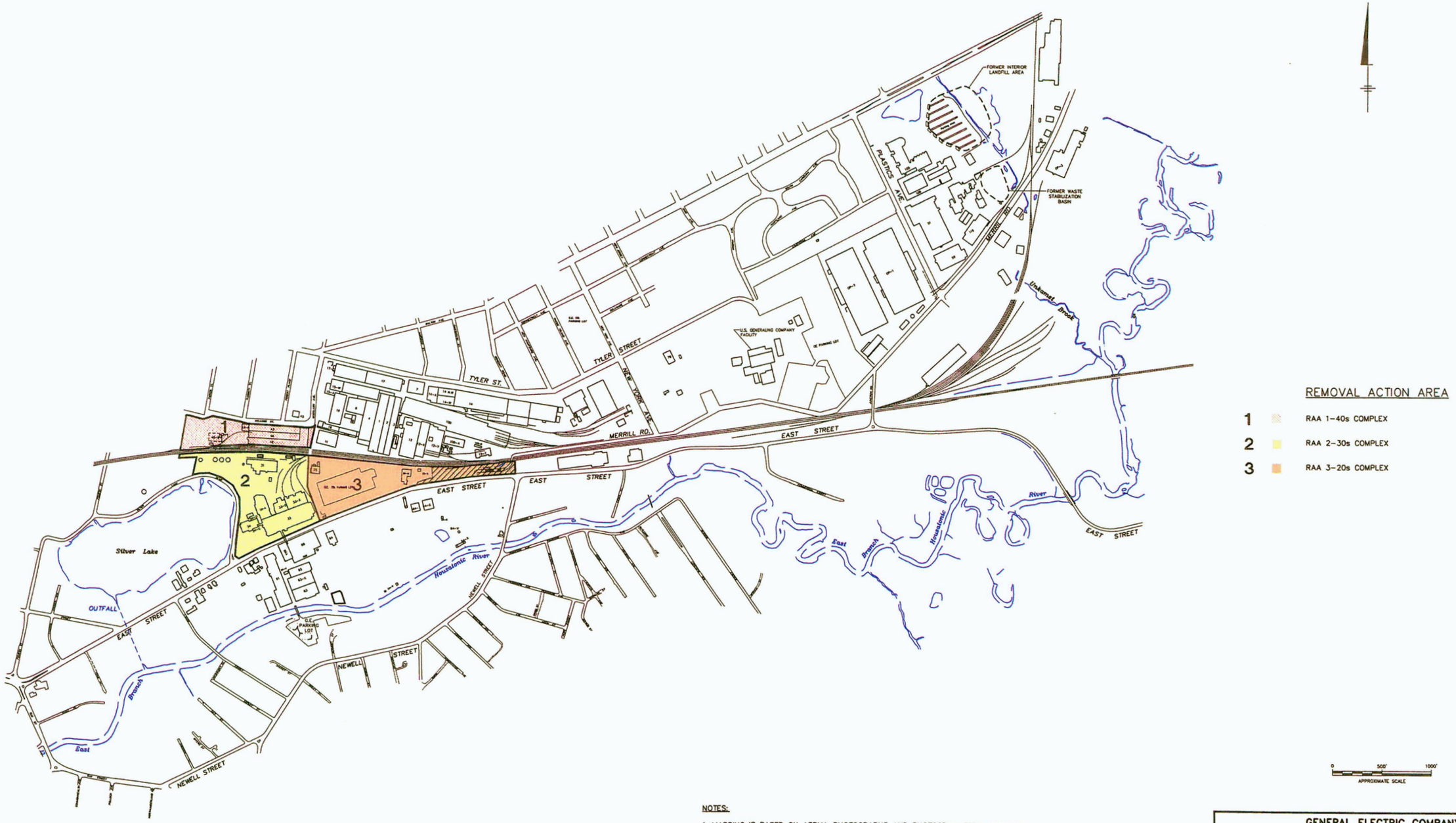
(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Paramete / Date Collected:	40s Complex PEDA-43-SB-1 12-15 02/21/01	40s Complex PEDA-43-SB-2 1-3 02/21/01	40s Complex PEDA-43-SB-2 1-6 02/21/01	40s Complex PEDA-44-SB-1 0-1 02/20/01	40s Complex PEDA-44-SB2 0-1 02/19/01
Inorganics					
Barium	NS	NS	ND(38.0)	30.0 [ND(38.0)]	ND(37.0)
Beryllium	NS	NS	0.220	0.320 [0.300]	0.240
Chromium	NS	NS	7.30	16.0 [5.80]	ND(4.90)
Cobalt	NS	NS	11.0	15.0 [54.0]	11.0
Copper	NS	NS	30.0	31.0 [ND(19.0)]	ND(18.0)
Lead	NS	NS	12.0	11.0 [6.80]	13.0
Mercury	NS	NS	0.820	ND(0.200) [ND(0.200)]	ND(0.200)
Nickel	NS	NS	17.0	26.0 [18.0]	11.0
Silver	NS	NS	ND(0.960)	ND(0.910) [ND(0.940)]	ND(0.920)
Sulfide	NS	NS	ND(6.40)	ND(6.10) [ND(6.30)]	7.80
Tin	NS	NS	ND(57.0)	ND(55.0) [ND(57.0)]	ND(55.0)
Vanadium	NS	NS	ND(9.60)	12.0 [ND(9.40)]	ND(9.20)
Zinc	NS	NS	42.0	78.0 [42.0]	31.0

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides).
2. ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
3. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
4. J - Indicates an estimated value less than the practical quantitation limit (PQL).
5. J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
6. Duplicate sample results are presented in brackets.
7. w - Estimated maximum possible concentration.
8. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
9. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
10. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
11. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmenntal Health Perspectives 106(2), December 1998, per technical Attachment F to the SOW.

Figures



NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.
4. THE EASTERN PORTION OF THE 20s COMPLEX HAS BEEN TRANSFERRED TO THE CITY OF PITTSFIELD AND WAS NOT SUBJECT TO INVESTIGATION. THE APPROXIMATE BOUNDARY OF THIS AREA IS HATCHURED ABOVE.

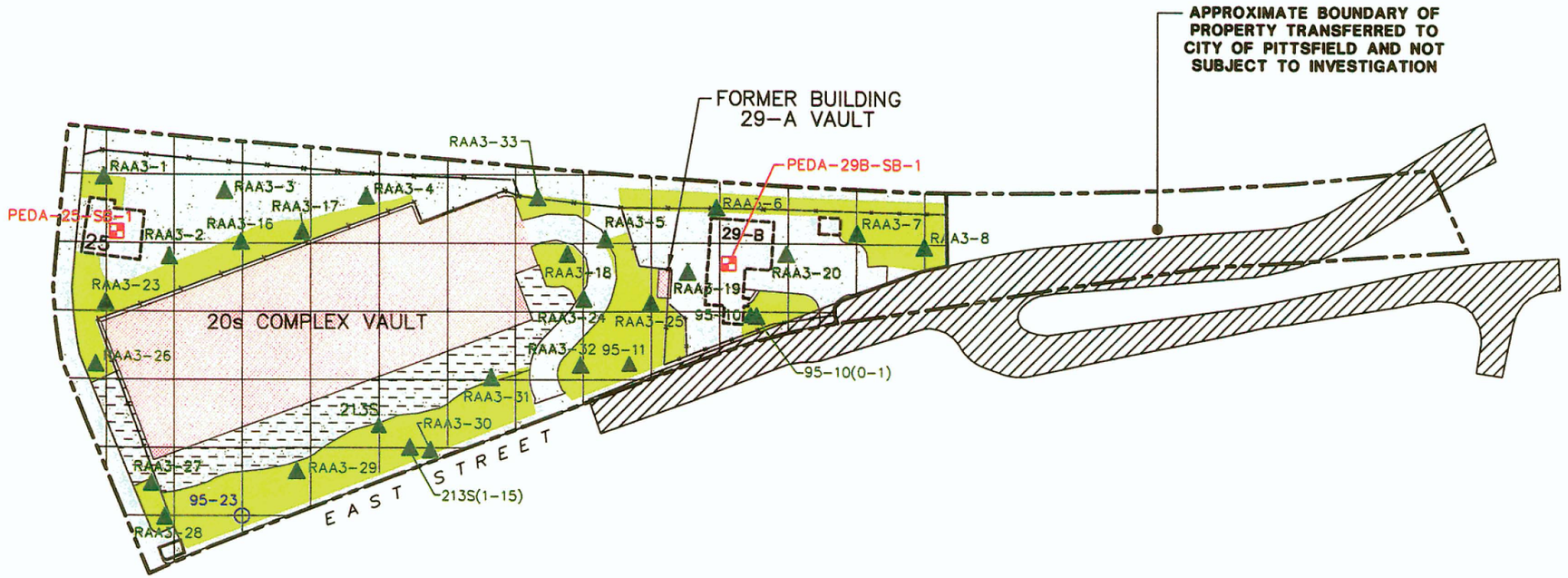
L: ON=*, OFF=REF
P: STD-PCP/D2BL
3/23/01 SYR-54-RCB GMS DMW PGL
20191001/20191SM2.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION REPORT FOR REMOVAL ACTIONS FOR 20's 30's AND 40's COMPLEXES

REMOVAL ACTION AREA LOCATION MAP

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 1



LEGEND:

- FENCE LINE
- APPROXIMATE LIMITS OF 20'S COMPLEX
- UNPAVED (GRASS/DIRT/GRAVEL)
- PAVED (ASPHALT/CONCRETE)
- RIP-RAP
- FUTURE MERRILL ROAD ALIGNMENT (APPROXIMATE)
- VAULT AREA CONTAINING DEMOLITION DEBRIS AND FORMER EQUIPMENT RESULTING FROM BUILDING DEMOLITION PERFORMED IN THE 1980's.
- 95-11 PRE-DESIGN INVESTIGATION/EXISTING SOIL SAMPLING LOCATION
- 95-23 EXISTING MONITORING WELL
- BUILDING TO BE DEMOLISHED
- 100 FOOT GRID
- PEDA-25-SB-1 PEDA INVESTIGATION SOIL SAMPLING LOCATION

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. EXTENT OF VARIOUS SURFACE COVERS IS APPROXIMATE.
6. LIMITS OF FUTURE MERRILL ROAD ALIGNMENT ARE BASED ON BASE MAPPING PREPARED BY J.H. MAXYMILLIAN, INC. ("JHM FURTHER DELINEATION SAMPLING", DATED 6/15/99).

0 200' 400'

APPROXIMATE SCALE

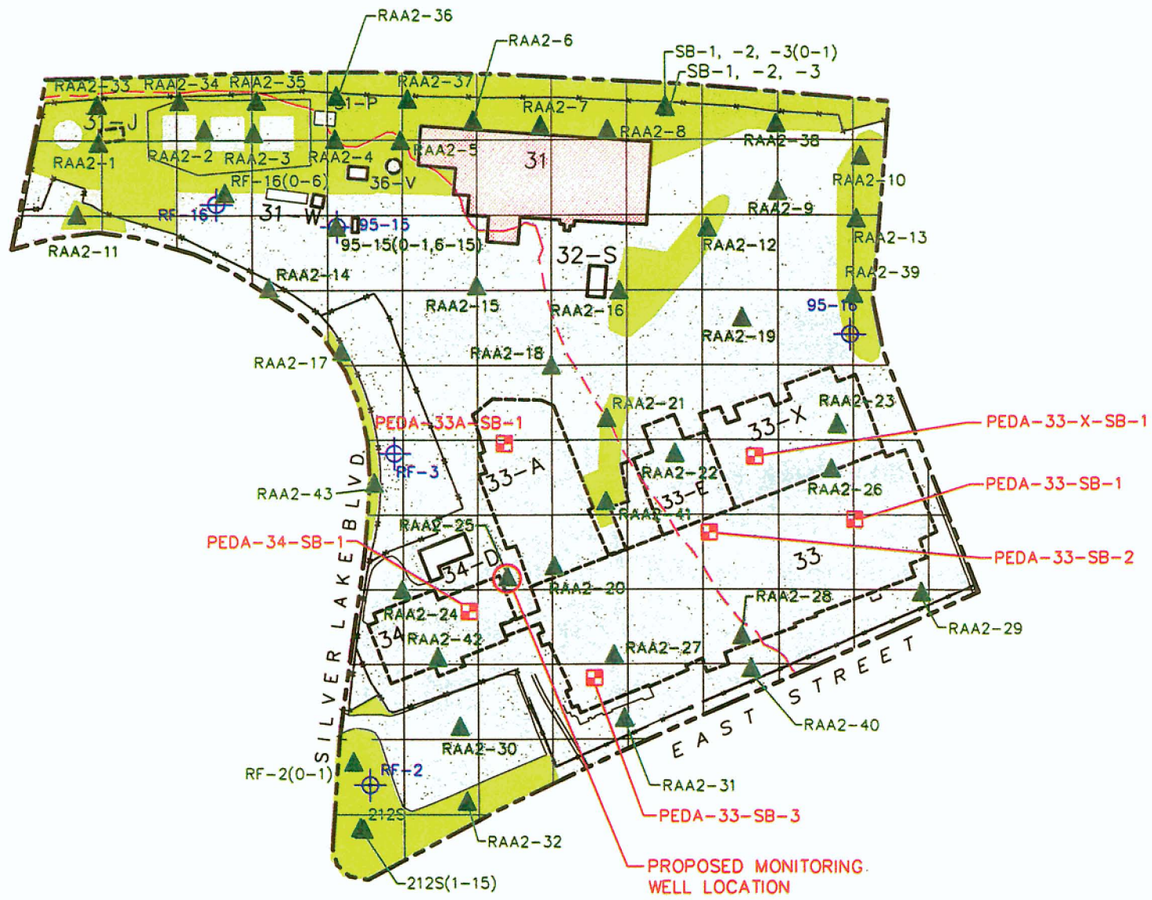
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION REPORT FOR REMOVAL ACTIONS FOR 20's 30's AND 40's COMPLEXES

SOIL SAMPLE LOCATIONS - 20s COMPLEX

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 2

X: NONE
L: ON=*, OFF=*REF*
P: DJB.PCP
3/22/01 SYR-54-RCA KMD DMW PGL
20191001/20191B23.DWG



LEGEND:

- APPROXIMATE LIMITS OF 30'S COMPLEX
- FENCE
- APPROXIMATE 100-YEAR FLOODPLAIN BOUNDARY (DASHED WHERE INFERRED)
- 95-16 — EXISTING MONITORING WELL
- 212S — PRE-DESIGN INVESTIGATION/EXISTING SOIL SAMPLING LOCATION
- UNPAVED (GRASS/DIRT/GRAVEL)
- PAVED (ASPHALT/CONCRETE)
- LOCATION OF POTENTIAL FUTURE VAULT TO CONTAIN DEMOLITION DEBRIS AND FORMER EQUIPMENT
- BUILDING TO BE DEMOLISHED
- 100 FOOT GRID
- PEDA-33-SB-2 — PEDA INVESTIGATION SOIL SAMPLING LOCATION

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. EXTENT OF VARIOUS SURFACE COVERS IS APPROXIMATE.
6. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY" - CITY OF PITTSFIELD, MASSACHUSETTS" JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 25037 0020C), FEBUARY 19, 1982, AND TWO-FOOT CONTOUR TOPOGRAPHIC MAPPING GENERATED PHOTOGRAMETRICALLY IN 1990 AT A BASE SCALE OF 1:2,400.

0 200' 400'

APPROXIMATE SCALE

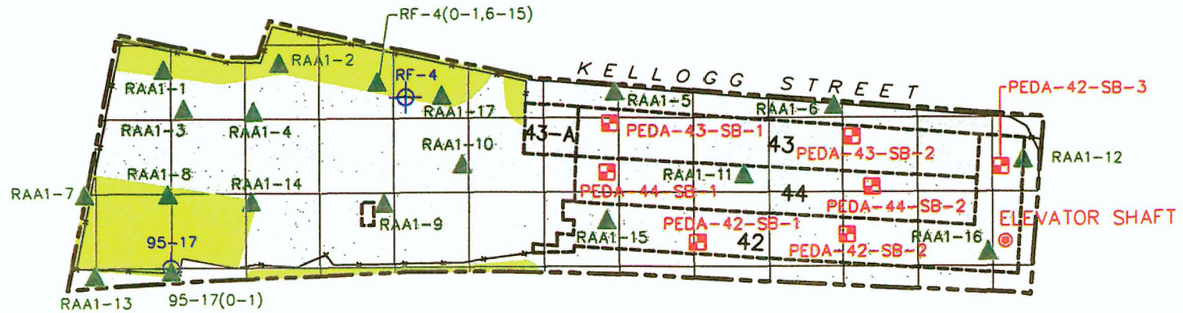
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION REPORT FOR REMOVAL ACTIONS FOR 20's 30's AND 40's COMPLEXES

SOIL SAMPLE LOCATIONS - 30s COMPLEX

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 3

L: ON=*, OFF=REF
P: DJB.PCP
3/22/01 SYR-54-RCA KMD DMW PGL
20191001/20191B25.DWG



LEGEND:

- FENCE LINE
- APPROXIMATE LIMITS OF 40'S COMPLEX
- UNPAVED (GRASS/DIRT/GRAVEL)
- PAVED (ASPHALT/CONCRETE)
- RF-4 — EXISTING MONITORING WELL
- BUILDING TO BE DEMOLISHED
- RAA1-1 — PRE-DESIGN INVESTIGATION/EXISTING SOIL SAMPLING LOCATION
- 100 FOOT GRID
- PEDA-44-SB-1 — PEDA INVESTIGATION SOIL SAMPLING LOCATION

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. EXTENT OF VARIOUS SURFACE COVERS IS APPROXIMATE.

0 200' 400'

APPROXIMATE SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION REPORT FOR REMOVAL ACTIONS FOR 20's 30's AND 40's COMPLEXES

SOIL SAMPLE LOCATIONS - 40s COMPLEX

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 4

L: ON=*, OFF=REF
P: STD-PCP/BL OR DJB.PCP
3/22/01 SYR-54-RCA KMD DMW PGL
20191001/20191B24.DWG