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June 20, 2005

Mr. Kevin Null
Nuclear Materials Licensing Section
Nuclear Regulatory Commission, Region III
2443 Warrenville Road STE 210
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Subject: Submittal of the final report for Building 267A D&D project and a request for amendment to remove Building 267A from Radioactive Materials License 21-00182-03

Dear Mr. Null:

This letter is to notify you that Pharmacia & Upjohn Company (P&U, a subsidiary of Pfizer Inc) has completed the decontamination and decommissioning (D&D) activities for Building 267A (~1/3 of Building 209) at 200 Portage Road, Kalamazoo MI (Downtown Complex). The results of the D&D activities summarized in the enclosed final report, demonstrate that the impacted building is suitable to release for unrestricted use, in accordance with 10 CFR 20 Subpart E and P&U NRC license requirements Item 10.1.F.

P&U contracted Safety and Ecology Corporation (SEC) and Duratek to perform the D&D activities in accordance with the D&D Plan submitted to the NRC Region III – Decommissioning Branch on March 28, 2005. The D&D Plan was based on the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) and P&U's decommission procedures.

In addition, Pharmacia & Upjohn Company is requesting an amendment (64) to eliminate Building 267A from the existing byproduct material license number 21-00182-03. Building 267A was approved by our Broad Scope Type A License as a location of use but not specifically named on the license. P&U is also requesting that this license amendment be considered as categorically excluded from the environmental review process under the exclusion established for license amendments for research and development facilities in 10CFR51.22(c)(14)(v) and similar facilities in 51.22(c)14(xvi). Further, NRC has previously performed an environmental assessment of the license amendment removing Buildings 18, 25, 126 and first two-thirds of Building 209 that resulted in a Finding of No Significant Impact. The presently requested amendment is similar in nature but smaller in scope, both physically in terms of building size and area and radiologically. As documented in the Final Status Survey report, residual activity levels are essentially equal to natural background levels.

JUN 22 2005

Accompanying this letter are two copies of the final report for your review and evaluation. The original supporting documents are available by contacting Dee Clement.

We appreciate your time and effort in the completion the D&D process and the initiation of an amendment to our license. Please contact Dee Clement at (269) 833-9431 if you have any questions concerning these requests.

Sincerely,

A handwritten signature in black ink that reads "Dee L. Clement". The signature is written in a cursive style with a large, stylized "D" and "C".

Dee L. Clement
Radiation Safety Officer - Kalamazoo Site

**Pfizer Global Research and Development
Kalamazoo Facilities**

**Building 209 Portage Road Wing
(Building 267A)
Decontamination and Decommissioning Final Report**

**NRC License No. 21-00182-03
(Held by Pharmacia & Upjohn Company)**

**Prepared by:
Safety and Ecology Corporation
2800 Solway Rd.
Knoxville, TN 37931**

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ACRONYM LIST

AEC U.S.	Atomic Energy Commission
ALARA	As Low As Reasonably Achievable
CFR	Code of Federal Regulations
D&D	Decontamination and Decommissioning
DCGLEMC Comparison	Derived Concentration Guideline Level – Elevated Measurement
DCGLW	Derived Concentration Guideline Level – Wilcoxon Rank Sum
DQO	Data Quality Objective
DSV	Default Screening Value
FDA	Food and Drug Administration
GSF	Gross Square Feet
HSA	Historical Site Assessment
HVAC	Heating , Ventilation, Air Conditioning
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDC	Minimum Detectable Concentration
NRC	U.S. Nuclear Regulatory Commission
P&U	Pharmacia and Upjohn
QAPP	Quality Assurance Project Plan
RDRC	FDA Approved Radioactive Drug Research Committee
RSO	Radiation Safety Officer
RSC	Radiation Safety Committee
TEDE	Total Effective Dose Equivalent
TUC	The Upjohn Company

1.0 Executive Summary

Pharmacia & Upjohn (a subsidiary of Pfizer, Inc. and referenced throughout this document as "P&U") has performed decontamination and decommissioning (D&D) of selected buildings at the research campus located at 200 Portage Road, Kalamazoo, MI. The Henrietta Street campus is a 39 acre pharmaceutical research and development campus consisting of a complex of buildings including office facilities, laboratory facilities, and animal facilities located in downtown Kalamazoo. A site map is included in Appendix A.

The Kalamazoo facilities were acquired by Pfizer in 2003 as part of Pfizer's acquisition of Pharmacia Corporation¹. Buildings 18, 25, 126, and approximately two-thirds of Building 209 were decommissioned in 2004. These facilities were released for unrestricted use in accordance with 10 CFR 20 Subpart E. Approximately one-third of building 209 remained in use and was renamed Building 267A. Pfizer has subsequently decommissioned the remaining portion of Building 209 (267A). Research activities will continue under the existing license in other buildings (Buildings 267 and 300) located at the downtown Kalamazoo site. This report addresses the Final Status Survey of the remaining one-third of Building 209. In this document "267A" refers specifically to the Portage Road wing of Building 209 (i.e., the portion not previously decommissioned), while the designation Building 209 is used to indicate Building 209 in its entirety. Detailed information concerning facility history and radionuclide use throughout the site is contained in the Decommissioning Plan dated March 2004². This document describes the facilities in Building 267A and the final status survey of these facilities.

Radioactive materials used in Building 267A consisted of small quantities (up to 10's of mCi) of a variety of radionuclides for research. These included H-3, C-14, I-125, P-32, P-33, S-35, and Cr-51.

Based on an analysis of the radionuclides and quantities used, their physical forms and their half-lives, and receipt and distribution records, H-3 and C-14 are the only nuclides of concern with respect to the scope of the Building 267A final status survey.

¹ Pharmacia & Upjohn Company (f/k/a The Upjohn Company) is a wholly owned subsidiary of Pharmacia & Upjohn, Inc. which in turn is a wholly owned subsidiary of Pharmacia Corporation. With the acquisition of Pharmacia by Pfizer, Pharmacia became a wholly owned subsidiary of Pfizer, Inc.

² "Kalamazoo Facilities Decontamination and Decommissioning Plan: Henrietta Street Buildings 18, 25, 126 and 209", Pfizer Global Research and Development, March, 2004.

This report demonstrates that building structural surfaces and associated facility systems included in the scope of this report are well below release criteria and are suitable to release for unrestricted use. **Based on the results of the surface and structure final status surveys, the TEDE to a maximally exposed individual based on the occupancy scenario of the NRC DandD Version 2.1 is <0.011 mrem/year.** The stated exposure rate is based on the survey unit with the highest average activity.

1.1 Management Approach

Pfizer performed a facility historical site assessment (HSA) and scoping surveys in October 2003 in order to classify impacted areas, estimate decommissioning costs and develop a D&D Plan. Implementation of the March 2204 D&D plan was limited to Buildings 18, 25, 126, and approximately two-thirds of Building 209. A supplemental D&D plan was developed in March 2005 to address the remaining one-third of Building 209 (267A).³

The supplemental D&D Plan was developed using the guidance provided in NUREG 1727, "NMSS Decommissioning Standard Review Plan"; NUREG 1757, "Consolidated NMSS Decommissioning Guidance"; and NUREG 1575, "Multi-Agency Radiation Survey and Site Investigation Manual" (MARSSIM). It provides the approach, methods, and techniques for the radiological D&D and final status survey of impacted areas of the facility.

Final status surveys were designed to implement the protocols and guidance provided in MARSSIM to demonstrate compliance with the default screening values specified in NUREG 1757, Appendix B or generated using the default scenarios and parameters of the DandD code v.2.1. These methods ensured technically defensible data was generated to aid in determining whether or not these facilities meet the release criteria for unrestricted use specified in 10 CFR 20 Subpart E.

Pfizer contracted Safety and Ecology Corp. and Duratek, Inc. in March 2005 to characterize, remediate, perform final status surveys and produce this final report for submittal along with a license amendment request to remove Building 267A from the license. SEC and Duratek mobilized to the site in April 2005 and began decommissioning activities. D&D activities were performed in accordance with the D&D Plan, P&U's Radiation Protection Program and P&U's USNRC Radioactive Materials License.

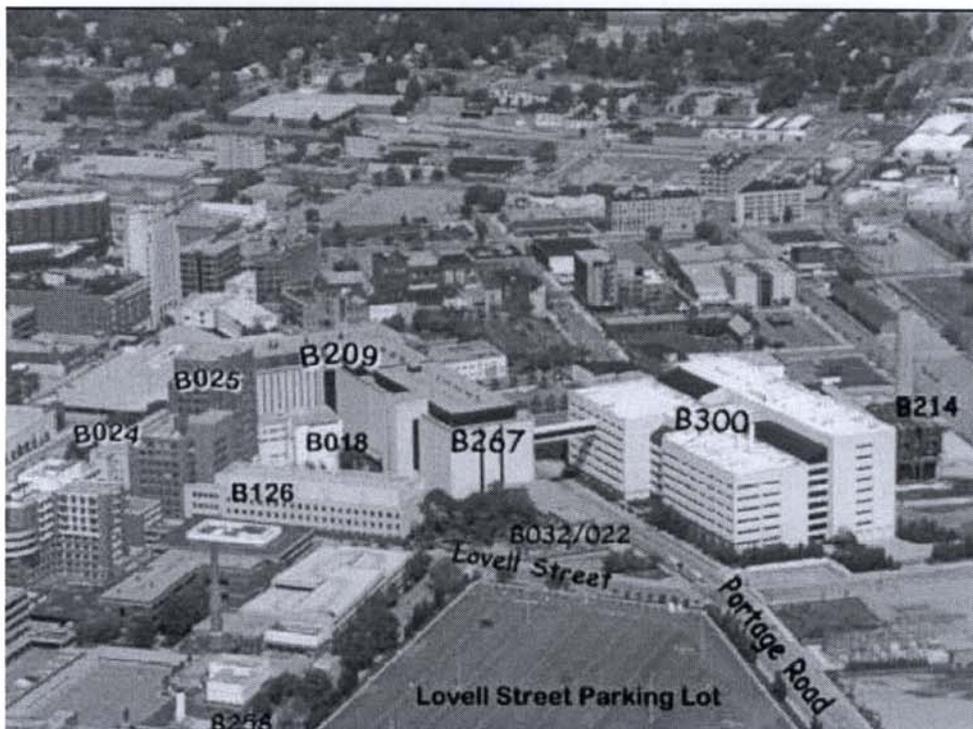
³ "Kalamazoo Facilities Decontamination and Decommissioning Plan: Building 209 Portage Road Wing (267A)", Pfizer Global Research and Development, March 2005.

2.0 Site Description

The Pfizer Portage Road site located at 200 Portage Rd., Kalamazoo, MI is a 39 acre pharmaceutical research and development campus consisting of a complex of buildings including offices, laboratories and animal research facilities. Facilities have been added, upgraded and renovated over the years. The oldest building currently standing on the Portage Rd. site was constructed in 1924 by Pfizer (formerly known as The Upjohn Company), however, operations on this site date back to 1886.

Buildings 18, 24, 25, 26, 32, 126, 209 and 267 are contained within the area of the site bound by Portage Road to the North-East, Lovell Street to the South, Henrietta Street to the West and South Street to the North-West.

Figure 2.1 P&U Henrietta Street Site Aerial View



2.1 Building 209 Description

This section describes the physical construction of the building and of the associated impacted mechanical systems. Building floor plan drawings of each elevation, are presented in Appendix A.

Building 209 was constructed in 1975 as a research facility that included housing for research animals. The structure consists of seven floors plus basement and penthouse levels.

Building 209 construction was completed in 1975, providing additional laboratories and animal research facilities at the Portage Rd. site. This building also contained the site cafeteria until the completion of Building 300, after which it was renovated into laboratory space.

The exterior consists of a steel frame structure with cast-in-place concrete floors on composite metal decking. The exterior is pre-cast concrete panels with aluminum framed insulating glass windows. The penthouse has insulated metal siding. The roof is 3 or 4 layer built up roofing. The interior walls are masonry and stud/gypsum wallboard partitions. The floors are vinyl composite tile on a rubber base. Ceilings are perforated metal panels and doors are hollow steel in steel frames.

There are three separate exhaust ventilation systems serving Building 209, these are:

- E1: 5 fans in the penthouse, serving the South Street wing.
- E2: 2 fans in the penthouse, serving the South Street animal facilities.
- E8: 3 fans in the penthouse, serving the Portage Street wing.

Fume hoods are currently boosted into the main exhaust.

The main vacuum pumps for the Henrietta site are housed in the Building 209 penthouse. The exhaust from these pumps passes through a CTO (Catalytic Thermal Oxidizer) scrubber.

The laboratory drains join the sanitary drain system in the manhole outside Building 209 on the Portage Street side. The sanitary drain system is joined to the laboratory waste system in the manhole outside Building 209 on the Portage Street side. There are three sumps in the basement of Building 209, two large and one small.

Figure 2.2 Building 209 – Henrietta and South St. View



Major Additions or Renovations

Originally constructed in 1975, Building 209 was occupied on a rolling basis through 1983. Numerous minor renovations have occurred internally, mostly by replacing older steel prefabricated partitions with stud and gypsum wallboard partitions. Recently, (post 2000), the disused 5th floor cafeteria was renovated into laboratory space.

3.0 Current Use

At this time P&U has ceased all licensed activities in Building 267A. P&U intends to remove this building from the license by unrestricted release per 10 CFR30.36. P&U intends to demolish the building with the exception of the basement elevation. Research and production operations will continue under P&U's radioactive material license in other areas of the Henrietta Street site (e.g., Buildings 267 and 300).

Laboratories and areas that radioactive materials were used in are listed in Table 3.1.

Table 3.1 Bldg. 267A Radioactive Materials Use Areas

Elevation	Area	Use	Status
Floor 0	044, 045, 056, 062.2	Storage	Closed Out
Floor 1	122.1	Freezer	Active
Floor 1	144	Receiving Dock	Active
Floor 1	151, 151.1	Animal Holding	Active
Floor 2	241, 248	Animal Studies	Closed Out
Floor 3	341.2, 344, 344A, 345.1	Animal Studies	Closed Out
Floor 4	442, 443A, 444A, 447, 447A, 449	Animal Studies	Closed Out
Floor 5	541, 542, 543, 544, 547, 548, 549, 550	Research Labs	Closed Out
Floor 6	649, 650	Research Labs	Closed Out
Floor 7	748, 749, 750, 751	Research Labs	Closed Out
Floor 7	744	Research Lab	Active

3.1 P&U Operational Radiological Surveys

During research operations, swipe and scan surveys were performed by the responsible researcher following any use of radioactive material. These surveys were generally documented as a logbook entry. These surveys generally consisted of direct scan and swipe surveys.

In addition, P&U's Radiation Safety Department personnel performed monthly scan and swipe surveys of all laboratories currently using radioactive material. If any residual activity was detected during these surveys, either the Radiation Safety group or the responsible researcher would be assigned to remediate the identified areas. Following any remediation, post remediation surveys were conducted and filed with the original survey.

4.0 Building 209 History

Building 209 was completed in 1975, creating additional laboratory and animal research facilities. This building also contained the site cafeteria until the completion of Building 300, after which it was renovated into laboratory space. Between 1982 and 1985, Building 267 was constructed adjacent to the Portage Wing of Building 209 to provide more laboratory space as well as a site library containing some office space.

In 2004 approximately two-thirds of Building 209 was decommissioned and has been removed from the Pfizer radioactive materials license. This included the portion of Building 209 that fronted along Henrietta Street.

Only limited quantities of radioactive materials were used in Building 209. Laboratory limits by isotope are listed below.

4.1 Portage Rd. Site HSA

A Historical Site Assessment (HSA) from October 13-31, 2003. The purpose of the historical site assessment was to determine status of the site including potential, likely, or known sources of radioactive contamination by gathering data from various sources. This data includes physical characteristics and location of the site as well as information found in site operating records, including radiological surveys.

The records review included: radioactive materials licenses, license applications, amendment requests, Radiation Safety Committee meeting minutes, radiological surveys, radionuclide receipt and distribution records, incident reports, radiation safety newsletters, decommissioning records, facility renovation records, blueprints, plans and design specifications

Personnel interviews included radiation safety, maintenance, operations, and facilities personnel. Scoping surveys were also performed concurrently to aid in the HSA and classification of facility areas as described below. Building 209, including the portion presently designated as Building 267A was classified "impacted".

4.2 Potential Contaminants – Building 267A

Table 4.1 is a list of radionuclides and quantities used, or authorized for use, in unsealed form in Building 267A. This list was compiled through review of

Radiation Safety Committee authorizations for radioactive material use (isotope and quantity) in individual laboratories and review of radionuclide receipt and distribution records.

The majority of these potential contaminants have very short half-lives. Calculations of possible remaining activity were performed based on the quantities of radionuclides used and date of distribution to each laboratory/area utilizing the information in the P&U radionuclide receipt and distribution databases. These calculations were then used to eliminate survey requirements for these short lived isotopes by providing empirical evidence to support that there is no potential to exceed the established DSV after accounting for radioactive decay.

Nuclides were evaluated by 1) decaying each radionuclide delivery to each room to present activity levels, then, 2) summing the remaining activity as if it all of it was still present in the room, and 3) dividing the summed activity over a one square meter area. The resulting calculated surface activity was then compared to the Default Screening Values (DSV's) contained in NUREG 1757 or generated from a screening analysis using the default parameters contained in the DandD code v.2.1. Those nuclides whose possible remaining activities were greater than or equal to the DSV are carried forward as "nuclides of concern" for purposes of performing decommissioning surveys.

After considering amounts of radionuclides used, the locations of use, and the impact of radioactive decay as described above, the only nuclides of concern are ^3H and ^{14}C .

Table 4.1 Radionuclides Used in Building 267A in Unsealed Form

Isotope	Half-Life	Quantity (mCi)	DSV (dpm/100 cm ²)	DSV Basis
H-3	12.3 y	20	1.2E8	NUREG 1757
C-14	5730 y	5	3.7E6	NUREG 1757
P-32	14.3 d	1	9.5E6	DandD ¹
P-33	24.4 d	1	4.1E7	DandD
S-35	87.9 d	1	1.3E7	NUREG 1757
Cr-51	27.8 d	0.5	5.1E6	DandD
I-125	60.2 d	3.0	6.6E5	DandD

Note 1: These values were generated using DandD v.2.1; Bldg. Occupancy scenario and default parameters; 0.9 quantile ≤ 25 mrem/y.

4.3 License History

The facility license history is described in detail in the March 2004 decommissioning plan. Since then the principal change in the facility license has

been the decommissioning and release for unrestricted use of Buildings 18, 25, 126, and two-thirds of 209.

4.4 Previous Decommissioning Activities

Over the years, several laboratories in Building 267A have been decommissioned under the facility closeout procedure. Typically this involved removal of all radioactive material and equipment from the laboratory, followed by final surveys performed by the authorized researcher. After certification by the authorized researcher that all radioactive materials had been removed and the lab was decontaminated, detailed confirmatory surveys were performed by the radiation safety staff and the laboratory was formally decommissioned from radioactive material use.

Buildings 18, 25, 126 and approximately two-thirds of Building 209 have undergone decommissioning for purposes of removing them from the radioactive materials license. These facilities were removed from the radioactive materials license in May 2005.

5.0 Derived Concentration Guideline Levels

DCGLs used for the project were those established in the D&D Plan. The NRC has published default screening values in NUREG 1757 for commonly used radionuclides. The isotopes of concern screening values for surfaces under default conditions (generic screening levels) from the NRC DandD software (or NUREG 1757) are provided in Table 5.1.

Table 5.1 – Default Screening Values for Nuclides of Concern

Isotope	Half-life	Radiation Type	Default Screening Value (dpm/100cm ²)
H-3	12.3 years	Beta	1.2E8
C-14	5730 years	Beta	3.7E6

The default screening values are the basis for developing the derived concentration guideline levels (DCGLs) for the project. The DCGL is the radionuclide specific surface area concentration that could result in a dose equal to the release criterion. DCGL_W is the concentration limit if the residual activity is essentially evenly distributed over a large area. For this project, DCGL_W is equal to the DSV.

In the case of non-uniform contamination, higher levels of activity are permissible over small areas. The DCGL_{EMC} is derived separately for these small areas. The DCGL_{EMC} is the DCGL_W increased by an area factor depending on the size of the elevated area. During the project, no DCGL_{EMC} was established or used since contamination levels throughout the facility were at background levels or a small percentage of the DCGLs.

6.0 ALARA Analysis

Due to the extremely low doses associated with the release criteria used for this D&D project, a quantitative ALARA analysis was not required. Default screening values were used to establish DCGLs. Furthermore, P&U routinely maintained nearly all laboratory work areas of the facility to levels less than 1,000 dpm/100 cm² total activity and less than 100 dpm/100cm² removable activity.

NUREG 1727, Appendix N, states in part: "In light of the conservatism in the building surface and surface soil generic screening levels developed by the NRC staff, the staff presumes, absent information to the contrary, that licensees or responsible parties that remediate building surfaces or soil to the generic screening levels do not need to demonstrate that these levels are ALARA. However, licensees or responsible parties should remediate their facility below these levels through practices such as good housekeeping. In addition, licensees or responsible parties should provide a description in the final status survey report of how these practices were employed to achieve the final activity levels."

Efforts were made to decontaminate all locations of identified activity detected during characterization surveys. These efforts included simple hand wiping using a mild cleaning solution, abrasive pads and disposable towels. If ineffective, more aggressive decontamination methods were employed and in some cases simple disassembly was performed. Areas of elevated activity are provided in Section 12.0.

7.0 Area Classifications

Based on the results of the historical site assessment and previous survey results, facility areas were classified as impacted areas or non-impacted areas. Non-impacted areas are areas without the potential for residual radioactivity from licensed activities and were not surveyed during final status surveys. Impacted areas are those areas that have some potential for residual radioactivity from licensed activities. Impacted areas were subdivided into Class 1, Class 2 or Class 3 areas. Class 1 areas have the greatest potential for contamination and therefore receive the highest degree of survey effort for the final status survey using a graded approach, followed by Class 2, and then by Class 3. Upper walls (>2m) and ceilings in all areas were classified as non-impacted since there is little or no potential to exceed even a small fraction of the DCGLs on these surfaces. Classifications are defined in Section 18.3 of the D&D Plan.

8.0 Establishing Survey Units

Survey units were established in accordance with Section 18.4 of the D&D Plan. The assigned survey units were homogeneous in construction, contamination potential, and contamination distribution.

The survey units established in the D&D Plan were used for characterization and final status surveys with a few minor modifications. These have are depicted in the updated survey unit matrix provided in Appendix A. All changes and additions are presented with an explanation provided for each in the remarks section.

9.0 Survey Instrumentation

9.1 Instrument Calibration

Laboratory instruments and portable field instruments were calibrated at least annually with National Institute of Standards and Technology (NIST) traceable ^3H and ^{14}C sources.

9.2 Functional Checks

Functional checks were performed at least daily when an instrument was in use. The background and source readings were taken as part of the functionality check and compared with the acceptance range for the instrument. The background, source check and field measurement count times for radiation detection instrumentation were specified by procedure to ensure measurements were statistically valid. If an instrument failed a functional check, all data obtained with the instrument since the last satisfactory check was invalidated.

9.3 Determination of Counting Times and Minimum Detectable Concentrations

All minimum detectable concentrations (MDC) and associated count times were calculated in accordance with Section 16.3 of the D&D Plan. For all final status measurements, MDC values were less than 10% of the applicable DCGL.

9.4 Static Counting

Static counting Minimum Detectable Concentration at a 95% confidence level is calculated using the following equation, which is an expansion of NUREG 1507, "Minimum Detectable Concentrations with Typical Radiation Survey Instruments for Various Contaminants and Field Conditions", Table 3.1 (Strom & Stansbury, 1992).

$$MDC_{static} = \frac{3 + 3.29 \sqrt{B_r \cdot t_s \cdot \left(1 + \frac{t_s}{t_b}\right)}}{t_s \cdot E_{tot} \cdot \frac{A}{100\text{cm}^2}}$$

Where:

- MDC_{static} = minimum detectable concentration level in dpm/100cm²
- B_r = background count rate in counts per minute
- t_b = background count time in minutes
- t_s = sample count time in minutes
- E_{tot} = total detector efficiency for radionuclide emission of interest (includes combination of instrument efficiency and 0.25)

$$A = \frac{\text{surface efficiency)}}{\text{detector probe area in cm}^2}$$

A typical static MDC calculation for the Ludlum 2350/43-68 is shown below:

$$MDC_{static} = \frac{3 + 3.29 \sqrt{300 \cdot 1 \cdot \left(1 + \frac{1}{1}\right)}}{1 \cdot 0.08 \cdot \frac{126}{100}} = 829 \text{dpm} / 100 \text{cm}^2$$

9.5 Beta Ratemeter Scanning

Beta Scanning Minimum Detectable Concentration at a 95% confidence level is calculated using the following equation which is a combination of MARSSIM equations 6-8, 6-9, and 6-10:

$$MDC_{scan} = \frac{d' \sqrt{b_i} \left(\frac{60}{i}\right)}{\sqrt{p} \cdot E_{tot} \cdot \frac{A}{100 \text{cm}^2}}$$

Where:

- MDC_{scan} = minimum detectable concentration level in dpm/100 cm²
- d' = desired performance variable (1.38)
- b_i = background counts during the residence interval
- i = residence interval
- p = surveyor efficiency (0.5)
- E_{tot} = total detector efficiency for radionuclide emission of interest (includes combination of instrument efficiency and 0.25 surface efficiency)
- A = detector probe area in cm²

A typical MDC_{scan} calculation for the Ludlum 2350/43-37 large area floor monitor is shown below:

$$MDC_{scan} = \frac{1.38 \cdot \sqrt{4.07} \left(\frac{60}{0.24} \right)}{\sqrt{0.5} \cdot 0.08 \cdot \frac{550}{100}} \approx 2200 \text{dpm} / 100 \text{cm}^2$$

The above calculation assumes a background of 1000 cpm, detector speed of 10 inches per second, and a detector area of 550 cm².

9.6 Smear Counting

Smear counting Minimum Detectable Concentration at a 95% confidence level is calculated using the following equation, which is an expansion of NUREG 1507, "Minimum Detectable Concentrations with Typical Radiation Survey Instruments for Various Contaminants and Field Conditions", Table 3.1 (Strom & Stansbury, 1992):

$$MDC_{smear} = \frac{3 + 3.29 \sqrt{B_r \cdot t_s \cdot \left(1 + \frac{t_s}{t_b}\right)}}{t_s \cdot E}$$

Where:

- MDC_{smear} = minimum detectable concentration level in dpm/smear
- B_r = background count rate in counts per minute
- t_b = background count time in minutes
- t_s = sample count time in minutes
- E = instrument efficiency for radionuclide emission of interest

A typical MDC calculation for ³H is shown below.

$$MDC_{smear} = \frac{3 + 3.29 \sqrt{60 \cdot \left(1 + \frac{1}{1}\right)}}{1 \cdot 0.65} = 60 \text{dpm}$$

Nominal efficiencies for Tritium and Carbon-14 were used in MDC calculations. The typical efficiencies for Tritium and Carbon-14 on unquenched standards are 65% and 96%, respectively.

9.7 Instrument Specifications

The instrumentation used for final status surveys is summarized in Table 9.1 and Table 9.2. Table 9.1 lists the standard features of each instrument such as probe size and efficiency. Table 9.2 lists the operational parameters such as scan rate, count time, and the associated Minimum Detectable Concentrations (MDC).

Table 9.1 – Final Status Survey Instrumentation

Manufacturer	Detector Model	Detector Type	Detector Area	Window Thickness	Meter Model	Typical Total Efficiency
Ludlum	43-37	Gas Flow Proportional	582 cm ²	0.4 mg/cm ²	2221 or 2350-1	7.5% - ¹⁴ C ¹
Ludlum	43-68	Gas Flow Proportional	100 cm ²	0.4 mg/cm ²	2221 or 2350-1	7.5% - ¹⁴ C ¹
Packard	Packard Tri-Carb	Liquid Scintillation	N/A	N/A	N/A	65% - ³ H 96% - ¹⁴ C

Note 1 = Includes a surface efficiency of 0.25.

Table 9.2 – Typical Instrument Operating Parameters and Sensitivities

Measurement Type	Detector Model	Meter Model	Scan Rate	Bkg. Count Time	Count Time	Typical Bkg. (cpm)	Typical MDC (dpm/100cm ²)
Surface Scans	43-37	Ludlum 2350	10 in./sec.	N/A	N/A	1000	2,200 - ¹⁴ C
Surface Scans	43-68	Ludlum 2350	2 in./sec.	N/A	N/A	300	2,570 - ¹⁴ C
Total Surface Activity	43-68	Ludlum 2350	N/A	60 sec.	60 sec.	300	830 - ¹⁴ C
Removable Activity	Packard Tri-Carb	N/A	N/A	60 sec.	60 sec.	18 - ³ H 12 - ¹⁴ C	57 - ³ H 24 - ¹⁴ C

10.0 Data Quality Objectives

The Data Quality Objectives discussed in Section 18.2 of the D&D Plan were used as the foundation of the final status survey planning process.

- Static measurements were taken to achieve an MDC_{static} of less than 50% of DCGL.
- Scan surveys were conducted at a rate to achieve an MDC_{scan} of less than the value of an associated $DCGL_{EMC}$ in Class 1 areas.
- Scan surveys were conducted at a rate to achieve an MDC_{scan} of less than 75% of the DCGL in Class 2 areas.
- Scan surveys were conducted at a rate to achieve an MDC_{scan} of less than 50% of the DCGL in Class 3 areas.
- Individual measurements were made to a 95% confidence interval.
- Decision error probability rates were set at 0.05 for both α and β .
- The null hypothesis (H_0) and alternate null hypothesis (H_A) are that of NUREG 1505 scenario A:

H_0 is that the survey unit does not meet the release criteria

H_A is that the survey unit meets the release criteria

Characterization and remedial action support surveys were conducted under the same quality assurance criteria as final status surveys such that the data could be used as final status survey data to the maximum extent possible.

Instrument operating parameters and methodologies were established to meet the DQOs. Additionally, investigation levels were developed to verify the assumptions for classifying survey units. If these investigation levels were exceeded, an investigation was performed to verify the initial assumptions behind the classification and determine the appropriate resolution. This is further discussed in Section 14.0 of this report. The established investigation levels are summarized in Table 10.1.

Table 10.1 – Survey Investigation Levels

Survey Unit Classification	Flag Direct Measurement or Sample Result When:	Flag Scanning Measurement Result When:	Flag Removable Measurement Result When:
Class 1	>5,000 dpm/100cm ²	>MDC	> 1000 dpm/100cm ²
Class 2	>5,000 dpm/100cm ²	>MDC	> 1000 dpm/100cm ²
Class 3	>MDC	>MDC	> 200 dpm/100cm ²

There were no Class 1 Areas.

11.0 Characterization Surveys

The survey protocol for building surfaces consisted of performing the scanning portion of the final status survey protocol, and judgmental smears and static measurements on the highest probability areas for residual radioactivity.

The purpose of scanning is to identify locations of elevated activity that exceed the investigation levels. Where elevated activity was identified, a static measurement and smear were taken at the location of highest activity identified during the scan. Where elevated activity was identified, the boundary of the elevated area was marked to aid in locating the area for remedial actions.

The survey protocol for building system surveys consisted of performing removable contamination measurements of internal surfaces of fume hood ventilation, general ventilation, vacuum and drain systems. The percentage of systems surveyed was consistent with the survey protocols contained in Section 18.8 of the D&D plan.

For areas that were partially contaminated, the characterization survey data along with the post remediation surveys were used as the scan portion of the final status survey. Contaminated areas were controlled during remediation activities such that adjacent non-contaminated surfaces could not have become cross-contaminated.

12.0 Remediation

12.1 Building Structures and Surfaces

In all locations where elevated activity due to licensed radioactive material was identified, simple decontamination techniques were used (hand wiping with disposable towels and a mild decontamination solution) to reduce the contamination levels. Where simple methods proved ineffective, moderately aggressive methods were employed such as abrasive scrubbing pads or simple scraping. Some disassemble was performed where it was practical.

During characterization surveys, contamination exceeding the investigation levels was identified at several locations. Table 12.1 summarizes all surface and structure areas requiring remediation.

Table 12.1 – Remediated Surfaces and Structures

Survey Unit	Location/Size	Total Activity (dpm/100cm ²)	Removable Activity (dpm/100cm ²)	Remediation Method	Post-Remediation Total Activity (dpm/100cm ²)	Post-Remediation Removable Activity (dpm/100cm ²)
267A-0702	Glassware Drying Rack	10,000	710	Removed and disposed	<900	72

12.2 Drain Systems

No contaminated drain systems were identified during characterization or final status surveys. P&U did not normally use drain disposal during the facility operations. Generally, liquid wastes were packaged and shipped to the Portage Site Incinerator for disposal. In limited cases, large quantities of liquids containing only trace amount of radioactivity were allowed to be disposed of down drains.

12.3 General Ventilation

No contaminated general ventilation ducts were identified during characterization or final status surveys.

12.4 Fume Hood Ventilation

No contaminated fume hoods were identified during characterization or final

status surveys.

12.5 Vacuum Systems

No contaminated vacuum nozzles or lines were identified during characterization or final status surveys.

13.0 Design and Performance of Final Status Surveys

Final status surveys were performed to demonstrate that residual radioactivity in each survey unit satisfied the predetermined criteria for release for unrestricted use. Final status surveys were conducted using the Data Quality Objective (DQO) process.

Final status surveys were conducted by performing the appropriate combination of scan surveys, total activity measurements and removable activity measurements as discussed further in this section. All final status surveys were performed according to survey package instructions. Survey data was documented on survey maps and/or associated data information sheets. An example survey package is included in Appendix C.

13.1 Background Determination

For total surface activity measurements, ambient background levels were generally determined for each survey unit by performing a timed count with the probe at waist level and away from survey unit surfaces. Ambient background was subtracted from each total activity gross measurement. Material background, the contribution from naturally-occurring radioactivity in building structural materials was not accounted for (subtracted) since it was a small fraction of the DCGL.

There were surveys where multiple backgrounds were collected due to varying ambient background levels in the survey area. These areas contain a variety of ceramic coated floor tile surfaces.

For removable surface activity measurements, background levels were determined for the liquid scintillation counter by counting a blank as the last sample for each batch of samples. The blank was a sample prepared using a new, unused smear. These values were used to determine counting error rates and minimum detectable concentrations. The background values were not subtracted from the results. All removable contamination results are reported as gross dpm/100cm².

13.2 Surface Scans

Scanning is used to identify locations within the survey unit that exceed an applicable investigation level (investigation levels are shown in Table 10.1). Scan surveys were conducted by holding the detector probe within 1/8 to 1/4 inch from the surface and moving the detector at the prescribed scan rate and listening for an increase in the audible response.

For Class 1 areas, 100% of accessible surfaces were scanned to detect small areas of elevated activity that may not be detected by systematic measurements. In Class 2 and 3 survey units, scanning was performed on a minimum percentage of accessible surfaces with the highest potential to contain residual activity at the discretion of the survey technician. Table 13.1 summarizes the minimum percentage of accessible building structural surfaces scanned based on classification. There were no class one survey units in Building 267A.

Table 13.1 – Scan Survey Coverage by Classification

Structure	Class 1	Class 2	Class 3
Floors	100%	50%	20%
Other Structures	100	25%	10%

13.3 Total Surface Activity Measurements

Total surface activity (static) measurements were taken in impacted areas at each identified sample location. Scaler count times were determined to achieve the detection sensitivities stated in the DQOs.

13.4 Determining the Number of Samples Needed

The minimum number of samples required for the Sign Test was calculated using equations in Section 5 of MARSSIM in accordance with Section 18.6 of the D&D Plan. A conservative estimate for the standard deviation total surface activity measurements was determined using the maximum survey unit standard deviation expected. Final status survey standard deviations are typically between 500 and 2,500 dpm/100cm² at these types of facilities. MARSSIM recommends setting the value of the LBGR (Lower Bound of the Gray Region) at the expected average contamination level in the survey unit. For this project, the expected average activities are orders of magnitude below the DCGL. Therefore, the LBGR was increased to obtain a more realistic relative shift. The calculation performed to determine the required number of samples is provided in Appendix D.

13.5 Determining Class 1 and Class 2 Sample Locations

In Class 1 and Class 2 survey units, sample locations are established in a square grid pattern beginning with a random start location and a calculated sample spacing. After determining the number of samples needed in the survey unit, sample spacing (L) is determined from MARSSIM equation 5-8:

$$L = \sqrt{\frac{A}{N}} \text{ for a square grid}$$

Where:

- L = sample spacing interval
- A = the survey unit area
- N = number of samples needed in the survey unit

Maps for each survey unit were generated showing permanent surfaces (e.g., floors and walls). A random starting point was determined using MS Excel random numbers coinciding with the x and y coordinates of the survey unit. A grid was plotted across the survey unit surfaces based on the random start location and the calculated sample spacing. A measurement location was plotted at each grid intersection.

In laboratory areas, permanent counter tops and other horizontal or vertical surfaces that blocked floor or wall surfaces were included as replacement surfaces. Computer-generated survey unit maps are included in the survey packages and are available in the project records.

13.6 Determining Class 3 Sample Locations

For Class 3 areas, maps were generated showing the permanent surfaces (floors, fixed casework, etc.). Sample locations were selected using MS Excel random numbers coinciding with the x and y coordinates of the survey unit. Due to the layout of the survey unit surfaces, some randomly chosen survey locations did not fall on a survey unit surface or fell within the boundaries of a contained Class 2 survey unit. In this case, random coordinates were selected until the required number of samples was obtained for the Class 3 survey unit. Computer-generated survey unit maps are included in the survey packages and available in the project records.

13.7 Removable Contamination Measurements

Removable contamination measurements were collected by wiping an area of approximately 100 cm² using glass fiber smears on structural surfaces and cotton swabs on building systems. For swabs or smears where less than 100cm² of area was wiped, area corrections were applied to correct to 100cm². The smears/swabs

were counted according to P&U's Liquid Scintillation Counter operating procedure to achieve the detection sensitivities stated in the DQOs. The liquid scintillation counter was setup in an open window configuration to detect ^3H and ^{14}C as well as any other radionuclide that may be present:

Channel 1 : 0.0 – 2000 keV

13.8 Building System Surveys

Activity measurements, including removable activity, scan surveys, and, where possible static measurements were completed on building general ventilation, fume hood ventilation, house vacuum, and building drains in accordance with Section 18.8 of the D&D Plan.

The systems in the buildings were surveyed as part of their respective survey unit. For example, drains in survey unit 267A-0502 were surveyed as part of that unit but are specifically identified as 267A-D502. Fume hoods (H), General Ventilation (G) and Vacuum System (V) measurements are similarly identified. A detailed description of survey unit identification is contained in Appendix E.

13.9 Survey Documentation

A survey package was developed and approved by the Radiological Engineer for each survey unit containing the following:

- Survey instruction sheet
- General survey requirements
- Instrument requirements with associated MDCs, count times and scan rates
- Survey maps detailing survey locations and placement methodology
- Survey data sheets

To ensure proper data management and organization a unique location code system was used so that survey data could be properly entered and organized in the Final Status Survey Database. A key to the location code and specific code components is provided in Appendix E.

13.10 Data Validation

Field data was reviewed by the Health Physics Supervisors and Radiological Engineer and validated to ensure:

- Completeness of Forms
- Proper types of surveys were performed
- The MDCs for measurements met the established data quality objectives
- Independent calculations were performed on a representative sample of data sheets

- Satisfactory instrument calibrations and daily functionality checks were performed as required

Additionally, all final status survey data was entered into the Final Status Survey Database. This provided the means to sort survey data, verify activity calculations, and to compute the associated MDC and counting errors. Once data entry for a survey unit was complete, a verification report was printed and compared to original data sheets to ensure correct data entry.

14.0 Data Quality Assessment and Interpretation of Survey Results

The statistical guidance contained in Section 8 of MARSSIM was used to determine if areas are acceptable for unrestricted release and whether additional surveys or sample measurements were required.

14.1 Preliminary Data Review

A preliminary data review was performed for each survey unit to identify any patterns, relationships or anomalies. Additionally, measurement data was reviewed and compared with the DCGLs and investigation levels to confirm the correct classification of survey units. All calculations of means, standard deviations, minimum and maximum values and comparisons between survey data and investigation levels are presented in Appendix F, Tables F.1 through F.6.

14.2 Nuclide Verification

As an additional check on assumptions made during the planning phase, removable samples were also analyzed for energies >156 keV (above Carbon-14 and Tritium). An increased count rate in this range could indicate the presence of nuclides other than those used for survey planning. No elevated count rates were detected in these energy ranges on any removable contamination measurement collected during characterization, remediation or final status surveys.

14.3 Determining Compliance for Building Surfaces and Structures

Scan surveys were completed for all survey units at the prescribed coverage. Removable contamination measurements were compared directly to the applicable investigation levels and DCGLs to determine if an area required further actions or surveys. All removable contamination measurements collected during the final status surveys were less than the applicable investigation levels and significantly less than the established DCGL for average ^3H and ^{14}C removable activity. Elevated activity detected during characterization surveys was remediated as discussed in Section 12.0. These locations are not included in the final status survey unless a random or systematic location fell on these locations. All areas of elevated removable activity on surfaces and structures were

remediated to levels below the action levels. Therefore, compliance was determined based on total activity measurements.

All total surface activity measurements were compared directly to the DCGL and investigation levels to determine if an area required further surveillance. All total surface activity measurement collected during final status surveys were significantly less than the DCGL for total surface activity. Several locations exceeded investigation levels. This is primarily due to varying structural materials with natural radioactivity. Survey units with activity exceeding investigation levels are presented in Table 14.1.

Table 14.1 – Surface and Structure Elevated Activity Exceeding Investigation Levels

Survey Unit	Class	Number of Locations Exceeding Investigation Level	Maximum Activity	Investigation/Action
267A-0002	3	9	4011	Reviewed area, glazed tile
267A-0102	3	5	1228	Reviewed data – low investigation level
267A-0202	3	2	1280	Reviewed data – low investigation level
267A-0402	3	1	1310	Reviewed data – low investigation level
267A-0503	3	1	1101	Reviewed data – low investigation level
267A-0602	3	1	962	Reviewed data – low investigation level
267A-0703	3	10	1766	Reviewed data – low investigation level
267A-801	3	1	1200	Reviewed data – low investigation level

These measurements in survey unit 267A-0002 are the result of material background that is not accounted for in the survey design and not due to residual licensed material.

With respect to the other survey units, the Class 3 survey unit investigation level was set at the static measurement MDA, approximately 900 dpm/100 cm². Since many of these measurements were just above this value and all were within a factor of two of this value, it appears that the investigation level was set too low and a more appropriate investigation level would be twice MDA. It was determined that these areas were properly classified and no further action was necessary.

All elevated measurements on building surface and structures during characterization surveys were reported in Table 12.1. The elevated activity presented in this table is significantly less than the DCGLs.

Therefore, the null hypothesis can be rejected and the survey units meet the release criterion and are suitable for release for unrestricted use. Total activity

and removable contamination measurement results for all surface and structure survey units are provided in Appendix G.

14.4 Determining Compliance for Building Systems

Total and removable measurements were collected at the areas of the highest probability to contain residual activity. Scan surveys were completed for all applicable survey units at the prescribed coverage in the survey instructions. These surveys were completed in accordance with Section 18.8 of the D&D Plan. All total surface activity measurements were compared directly to the DCGL and investigation levels to determine if an area required further examination. The geometry of building systems frequently precluded scanning and total activity measurements.

Small diameter pipes are not easily scanned nor is it possible to obtain accurate static measurements. Within that limitation, data was collected and reported for vacuum lines and drains. All total surface activity measurements taken on vacuum lines and drains were significantly less than the DCGL.

Scan surveys and total surface activity measurements were taken on all general ventilation and fume hood exhaust ventilation in accordance with Section 18.8 of the D&D plan. All total surface activity measurements collected on general ventilation systems were significantly less than the established DCGL.

Since all total activity measurements were well less than the applicable DCGL, compliance was based on removable contamination measurements. Removable contamination measurements were compared to 10% of the DCGLs. Additionally, all removable contamination measurements were compared to the applicable investigation levels to determine if an area required further examination. All removable contamination measurements collected during the final status surveys were significantly less than 10% of the DCGLs (370,000 dpm/100cm² for ¹⁴C and 12,000,000 dpm/100cm² for ³H).

A sludge sample was collected from the sump located in the basement of building 267A. The sample was analyzed by liquid scintillation counting. The analysis was less than the counter MDA.

Table 14.2 – Building 267A Sump Sludge Sample

Building	Location	Activity	MDA
267A	Basement Sump	25 dpm	53 dpm

Total activity and removable activity measurement results for all building systems survey units are provided in Appendix H.

15.0 Quality Assurance Surveys

Five percent of the structural surface survey units and their associated mechanical systems were selected to be independently monitored by different technicians to verify the reproducibility of the results recorded during final status surveys.

The QA surveys were compared to the original surveys. There did not appear to be any significant differences in the sample data. The conclusions reached based on the initial surveys would be the same as those based on the QA survey.

Table 15.1 provides an overview of the sample comparisons of the QA survey results to their respective original survey results. All QA sample data is provided in Appendix I.

Table 15.1 – Building Systems Quality Assurance Survey Comparison

Survey Unit	Class	MDC	Mean	Standard Deviation	Minimum	Maximum
Total Activity (dpm/100 cm²)						
267A-0201	2	823	526	183	159	772
267AQ-0201	2	810	166	162	-139	427
267A-D201	System	832	254	N/A	254	254
267AQ-D201	System	810	-149	N/A	-149	-149
267A-G201	System	832	214	352	-212	352
267AQ-G201	System	810	-104	265	-327	238
Removable Activity (dpm/100 cm²)						
267A-0503	3	57	59	8	44	72
267AQ-0503	3	57	66	10	51	87
267A-D503	System	57	53	1	52	53
267AQ-D503	System	57	57	2	55	58
267A-G503	System	57	56	9	49	62
267AQ-g503	System	57	68	11	60	75

16.0 References

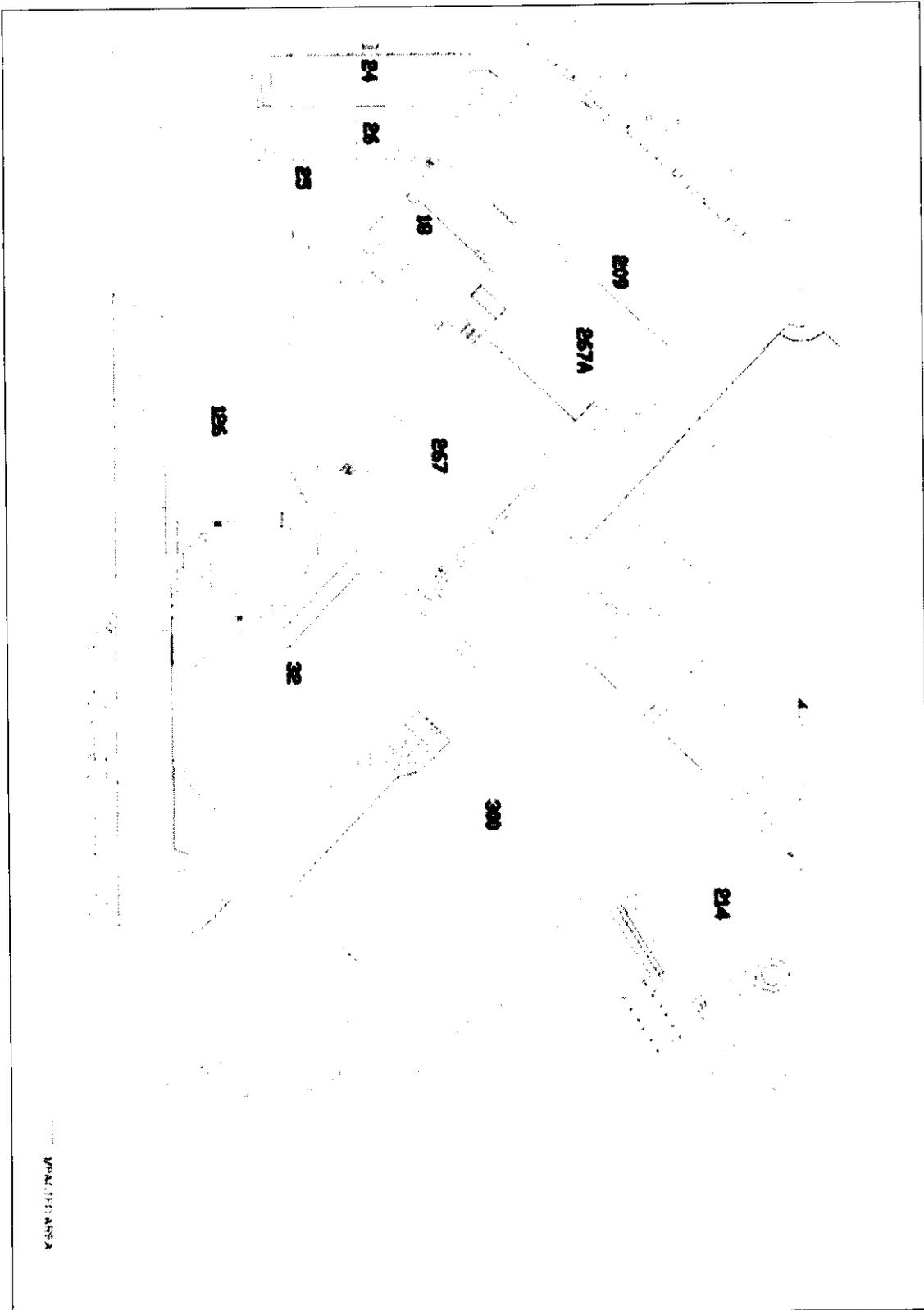
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- Pfizer Radioactive Materials License Number 21-00182-03
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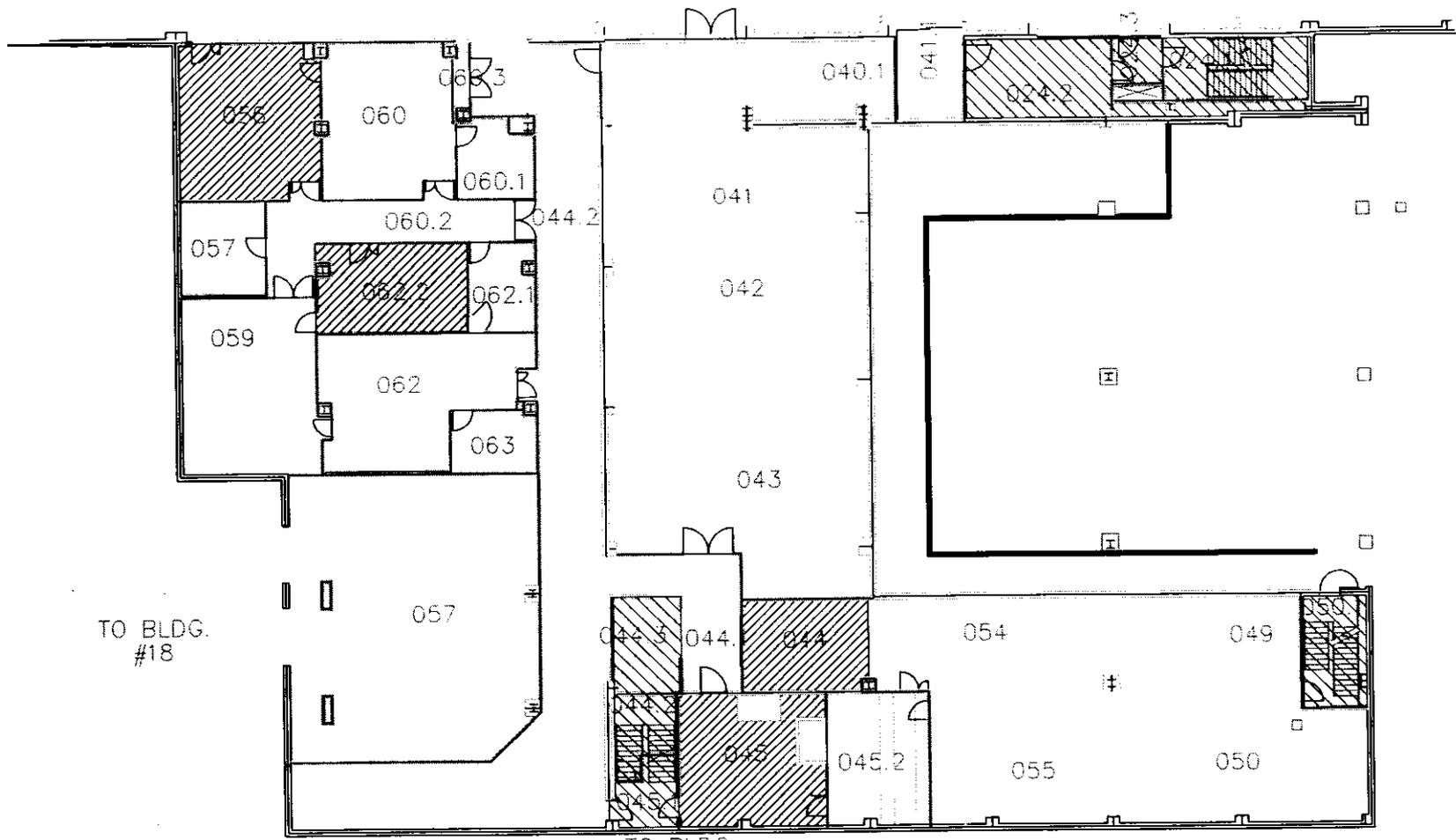
Appendix A – Survey Unit List

SURVEY UNIT	ROOMS	CLASS	COMMENTS
267A-0001	044, 045, 056, 062.2	2	
267A-0002	Remainder of Basement	3	
267A-0101	122.1, 144, 151, 151.1	2	
267A-0102	Remainder of First Floor	3	
267A-0201	241, 248	2	
267A-0202	Remainder of Second Floor	3	
267A-0301	342.1, 344, 344A, 345.1	2	
267A-0302	Remainder of Third Floor	3	
267A-0401	442, 443A, 444A, 447, 447A, 449	2	
267A-0402	Remainder of Fourth Floor	3	
267A-0501	541, 542, 543, 544	2	
267A-0502	547, 548, 549, 550	2	
267A-0503	Remainder of Fifth Floor	3	
267A-0601	649, 650	2	
267A-0602	Remainder of Sixth Floor	3	
267A-0701	744, 751	2	
267A-0702	748, 749, 750	2	
267A-0703	Remainder of Seventh Floor	3	
267A-0801	Stairwells	3	Added Northwest Corridor on each Floor
SURVEY UNIT	SYSTEMS	CLASS	COMMENTS
267A-D001	Survey Unit 0001 Drains	System	
267A-D002	Survey Unit 0002 Drains	System	
267A-D101	Survey Unit 0101 Drains	System	
267A-D201	Survey Unit 0102 Drains	System	
267A-D201	Survey Unit 0201 Drains	System	
267A-D202	Survey Unit 0202 Drains	System	
267A-D301	Survey Unit 0301 Drains	System	
267A-D302	Survey Unit 0302 Drains	System	
267A-D401	Survey Unit 0401 Drains	System	
267A-D402	Survey Unit 0402 Drains	System	
267A-D501	Survey Unit 0501 Drains	System	
267A-D502	Survey Unit 0502 Drains	System	
267A-D503	Survey Unit 0503 Drains	System	
267A-D601	Survey Unit 0601 Drains	System	
267A-D602	Survey Unit 0602 Drains	System	
267A-D701	Survey Unit 0701 Drains	System	

SURVEY UNIT	SYSTEMS	CLASS	COMMENTS
267A-D702	Survey Unit 0702 Drains	System	
267A-D703	Survey Unit 0703 Drains	System	
267A-G001	Survey Unit 0001 Gen. Vent.	System	
267A-G002	Survey Unit 0002 Gen. Vent.	System	
267A-G201	Survey Unit 0201 Gen. Vent.	System	
267A-G202	Survey Unit 0202 Gen. Vent.	System	
267A-G301	Survey Unit 0301 Gen. Vent.	System	
267A-G302	Survey Unit 0302 Gen. Vent.	System	
267A-G401	Survey Unit 0401 Gen. Vent.	System	
267A-G402	Survey Unit 0402 Gen. Vent.	System	
267A-G501	Survey Unit 0501 Gen. Vent.	System	
267A-G502	Survey Unit 0502 Gen. Vent.	System	
267A-G503	Survey Unit 0503 Gen. Vent.	System	
267A-G601	Survey Unit 0601 Gen. Vent.	System	
267A-G702	Survey Unit 0702 Gen. Vent.	System	
267A-G703	Survey Unit 0703 Gen. Vent.	System	
267A-H001	Survey Unit 0001 Hood Vent.	System	
267A-H002	Survey Unit 0002 Hood Vent.	System	
267A-H202	Survey Unit 0202 Hood Vent.	System	
267A-H501	Survey Unit 0501 Hood Vent.	System	
267A-H502	Survey Unit 0502 Hood Vent.	System	
267A-H601	Survey Unit 0601 Hood Vent.	System	
267A-H602	Survey Unit 0602 Hood Vent.	System	
267A-H701	Survey Unit 0701 Hood Vent.	System	
267A-H702	Survey Unit 0702 Hood Vent.	System	
267A-H703	Survey Unit 0703 Hood Vent.	System	
267A-V001	Survey Unit 0001 Vacuum System	System	
267A-V002	Survey Unit 0002 Vacuum System	System	
267A-V202	Survey Unit 0202 Vacuum System	System	
267A-V501	Survey Unit 0501 Vacuum System	System	
267A-V502	Survey Unit 0502 Vacuum System	System	
267A-V601	Survey Unit 0601 Vacuum System	System	
267A-V602	Survey Unit 0602 Vacuum System	System	
267A-V701	Survey Unit 0701 Vacuum System	System	
267A-V702	Survey Unit 0702 Vacuum System	System	
267A-V703	Survey Unit 0703 Vacuum System	System	

Site Overview



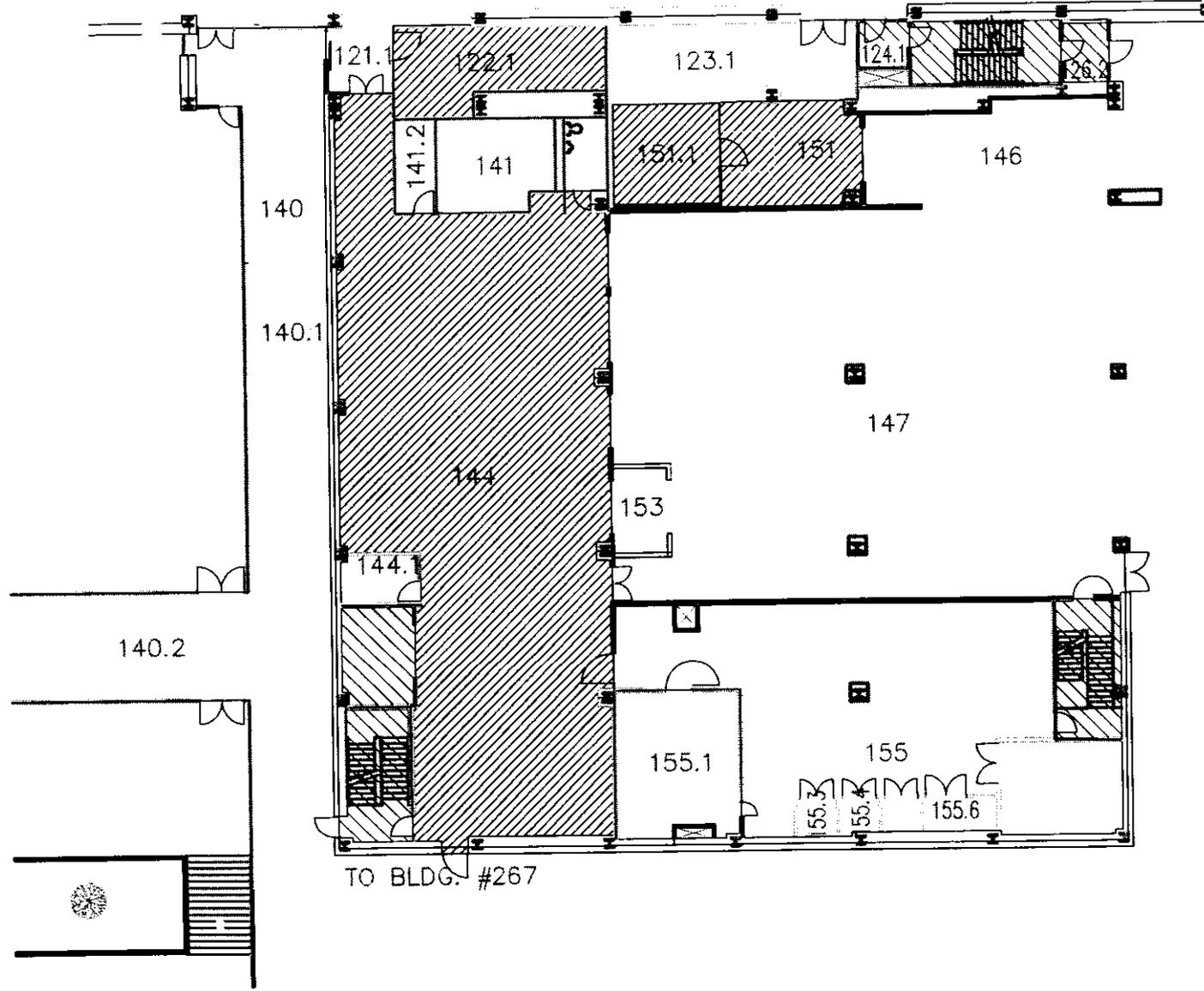


TO BLDG.
#18

TO BLDG.
#267

-  Survey Unit 0801
-  Survey Unit 0001
-  Survey Unit 0002

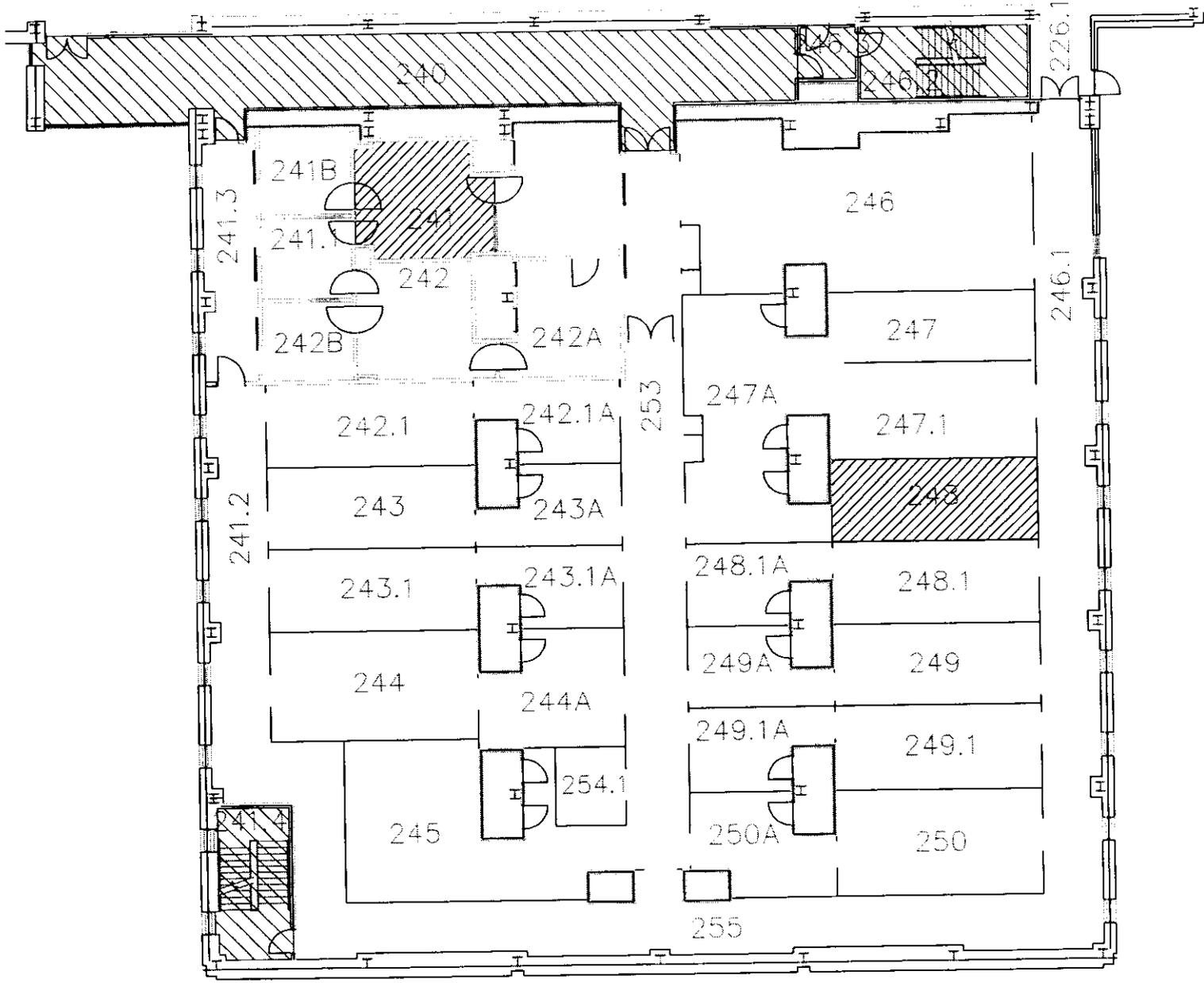
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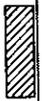


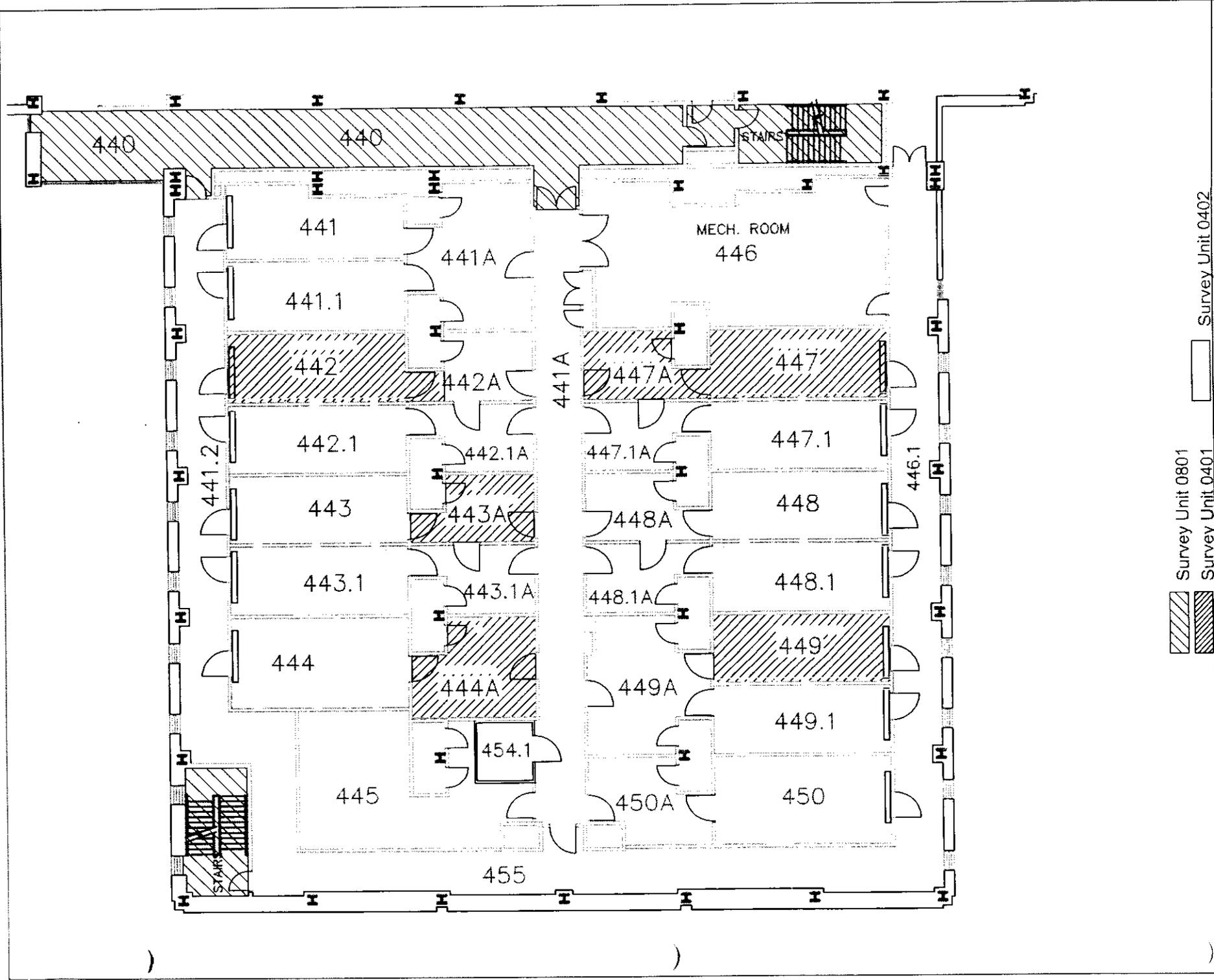
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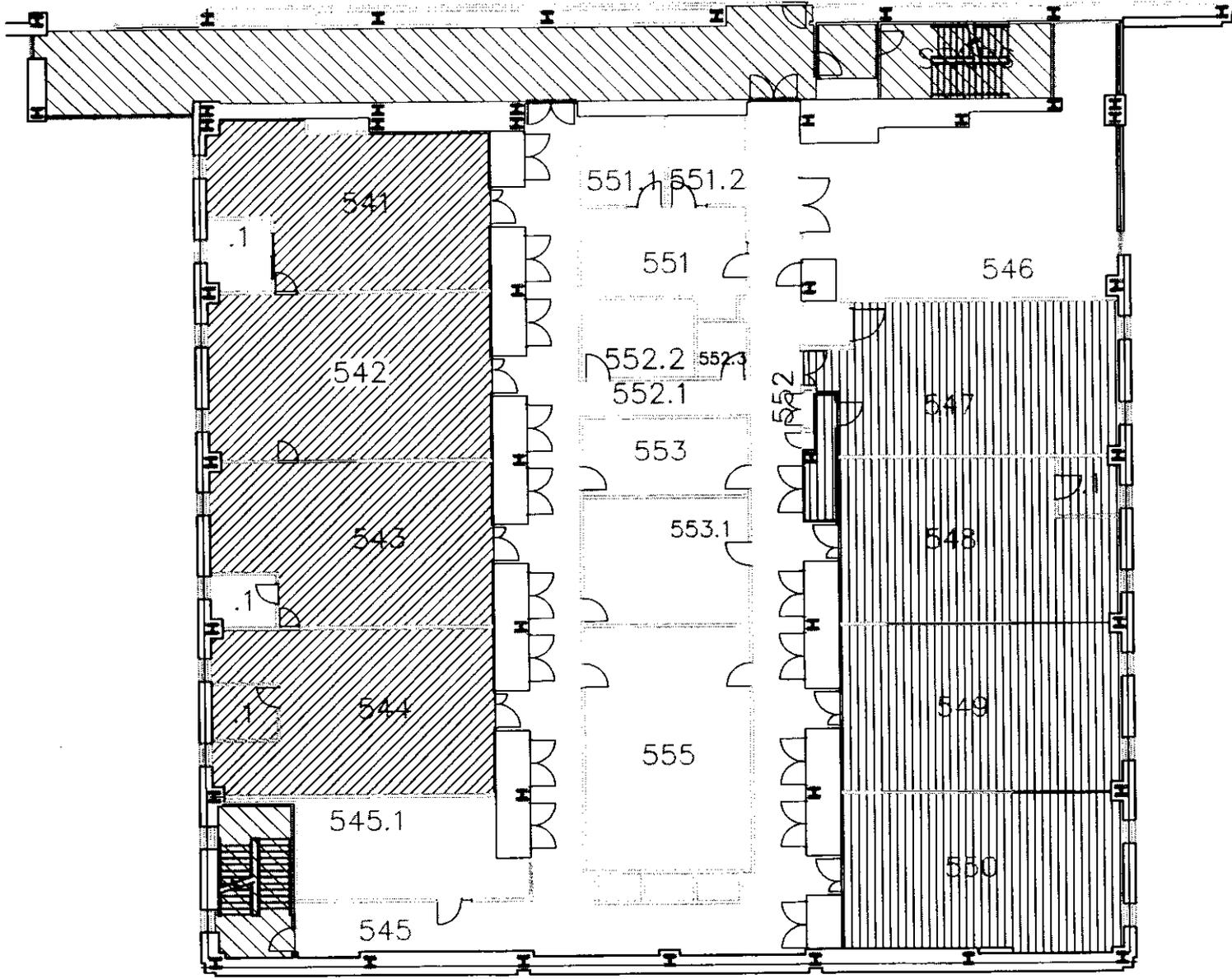
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Survey Unit 0101

Survey Unit 0102

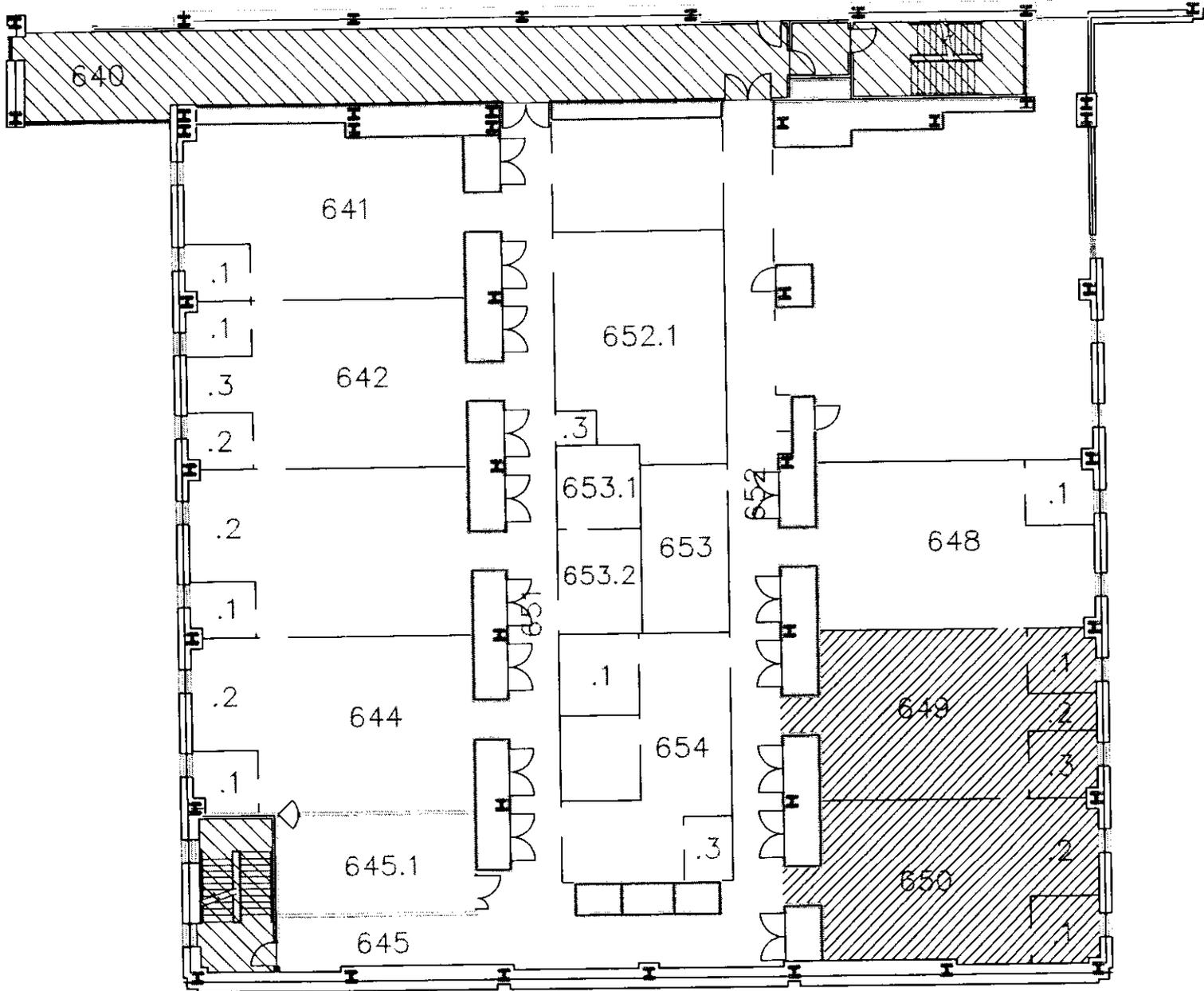


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-  Survey Unit 0201
- Survey Unit 0202

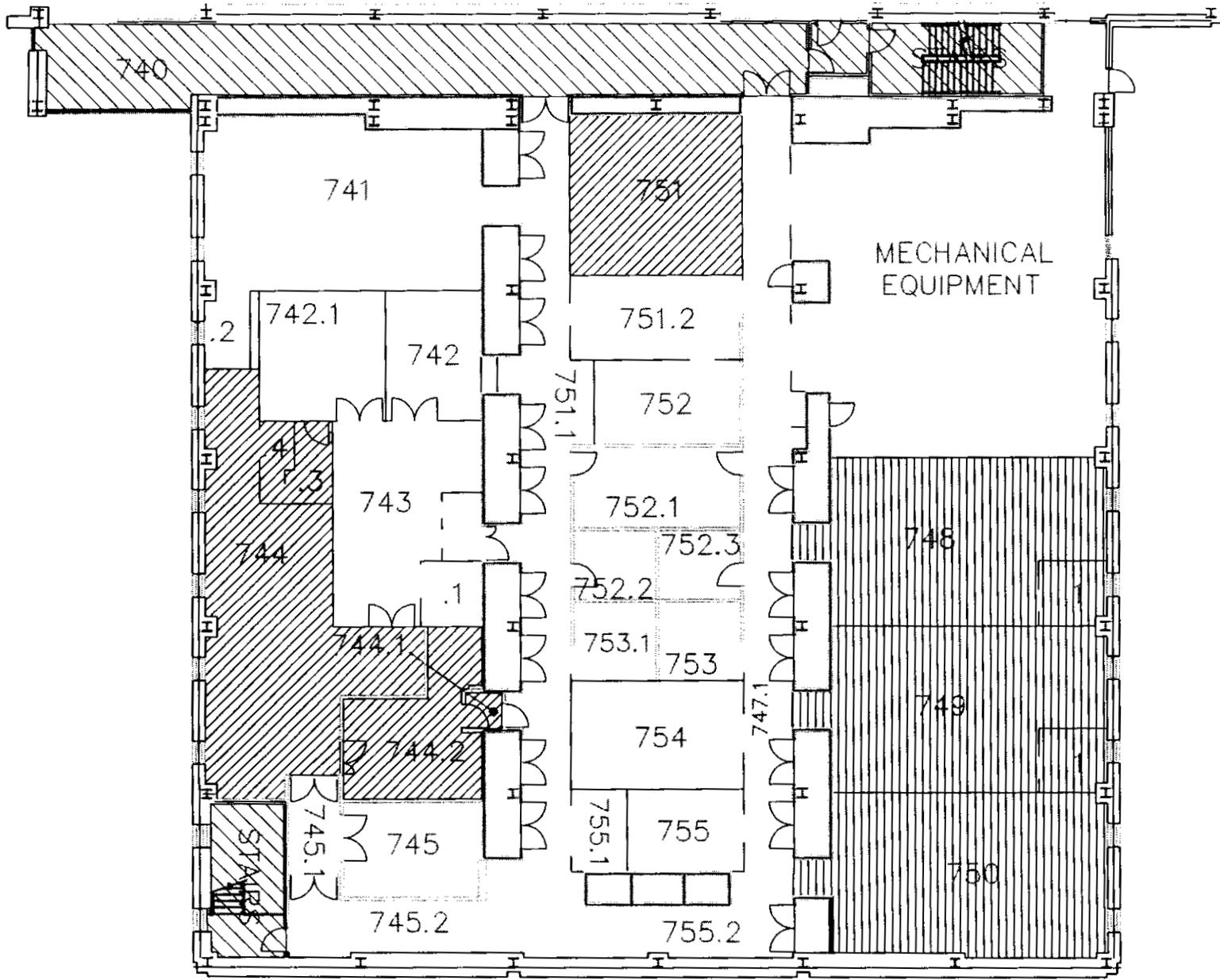




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-  Survey Unit 0503

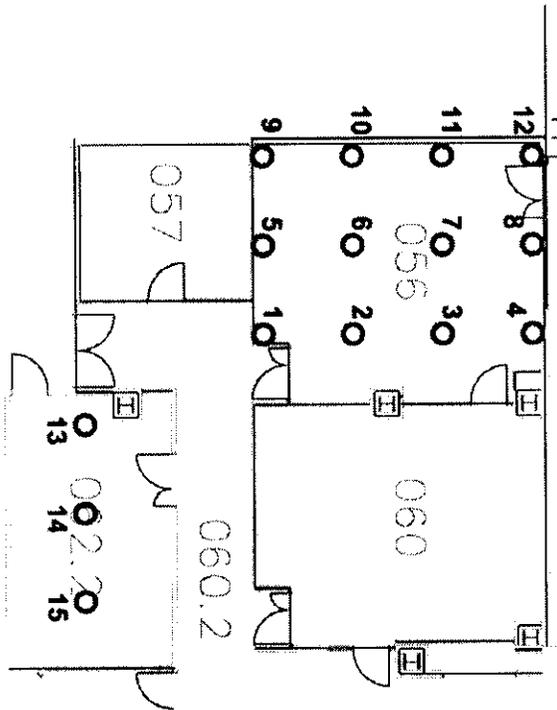


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 Survey Unit 0602

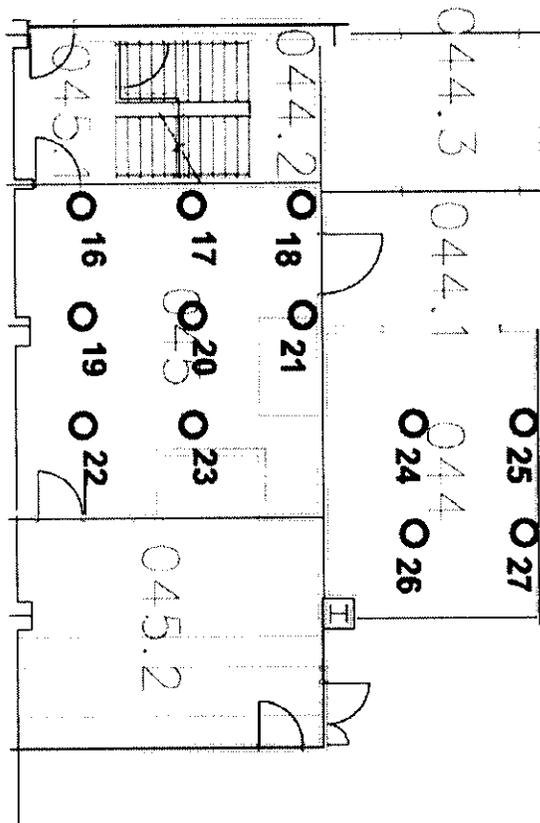


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-  Survey Unit 0703

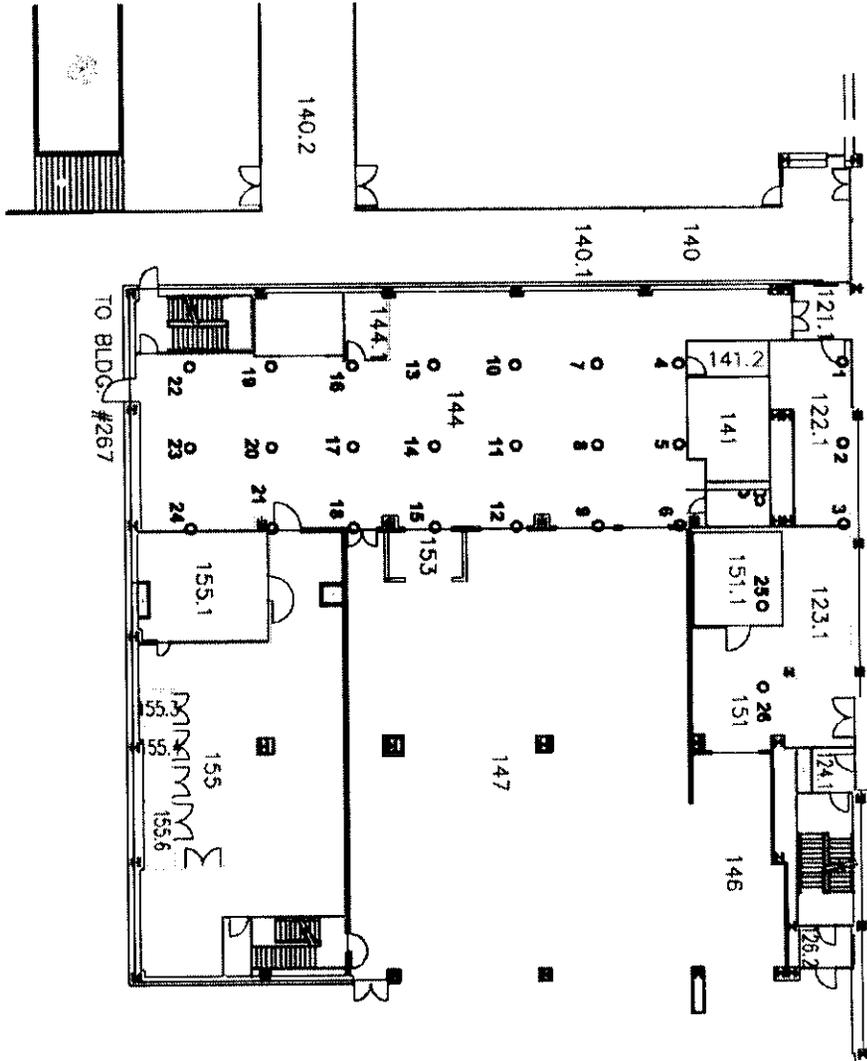
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Static and Removable Sample Locations



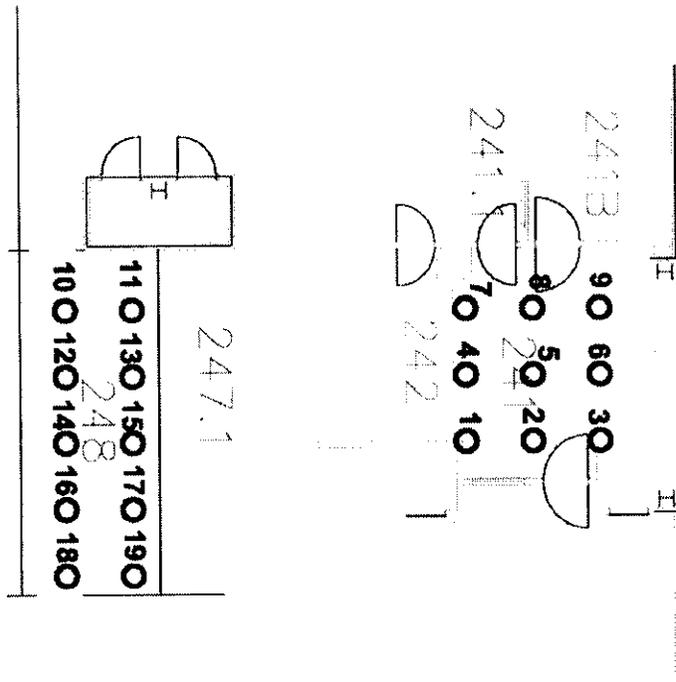
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Static and Removable Sample Locations



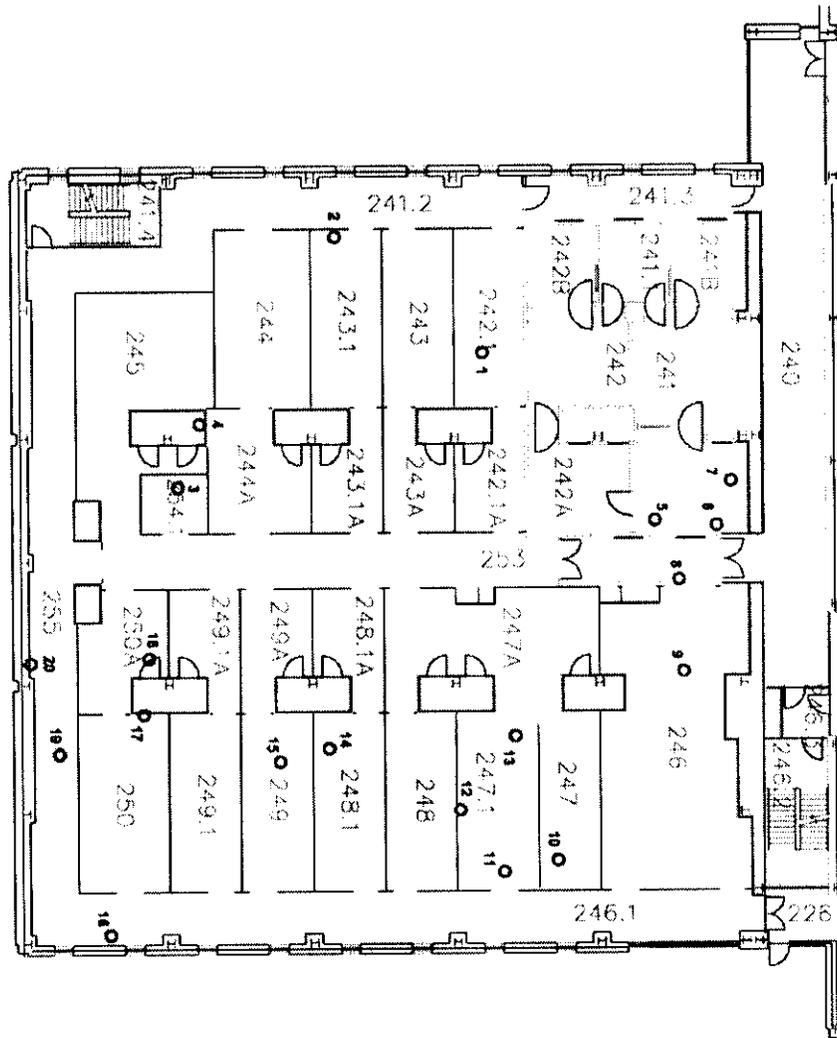
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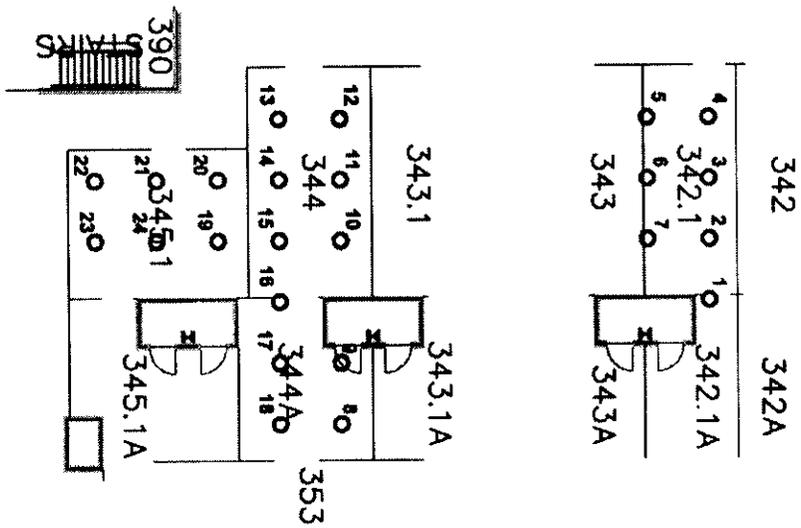
Survey Unit 267A-0201
Static and Removable Sample Locations



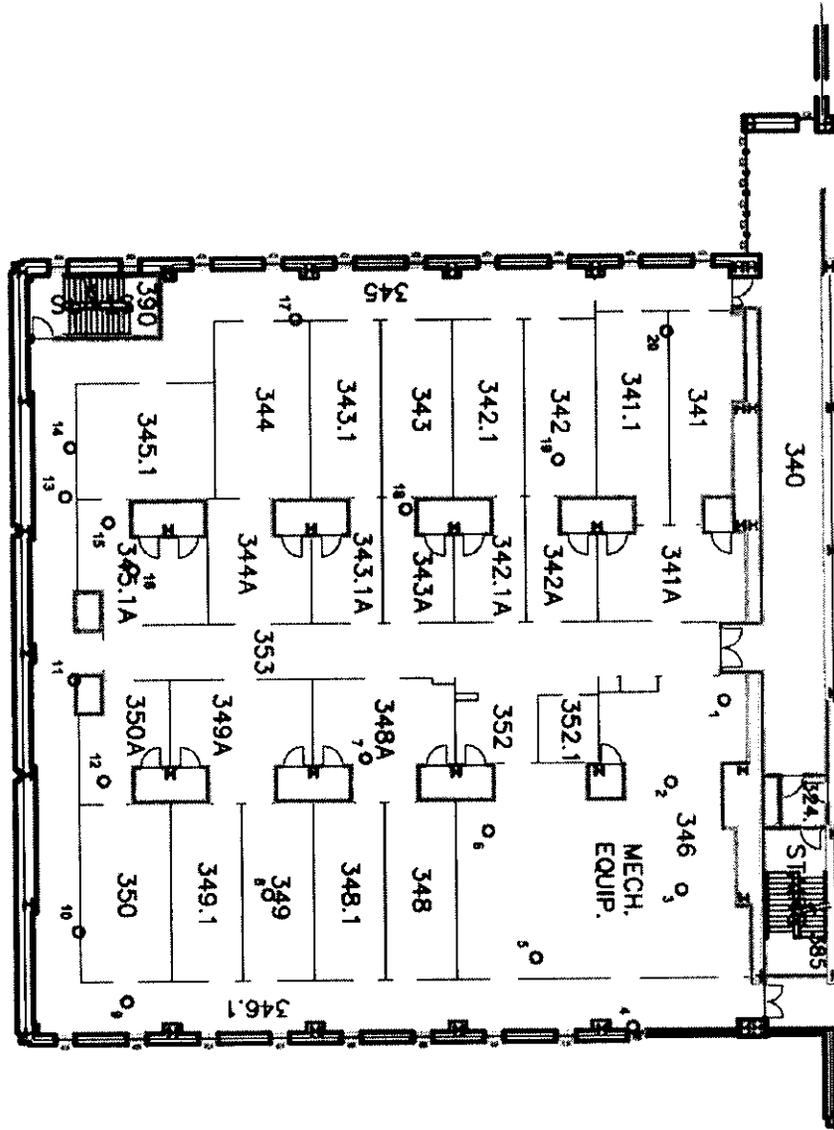
Survey Unit 267A-0202 Static and Removable Sample Locations



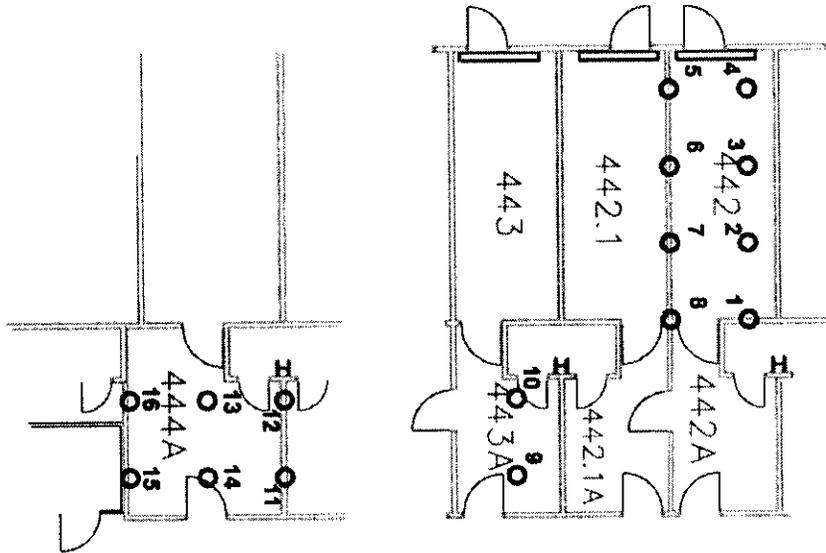
Survey Unit 267A-0301
Static and Removable Sample Locations



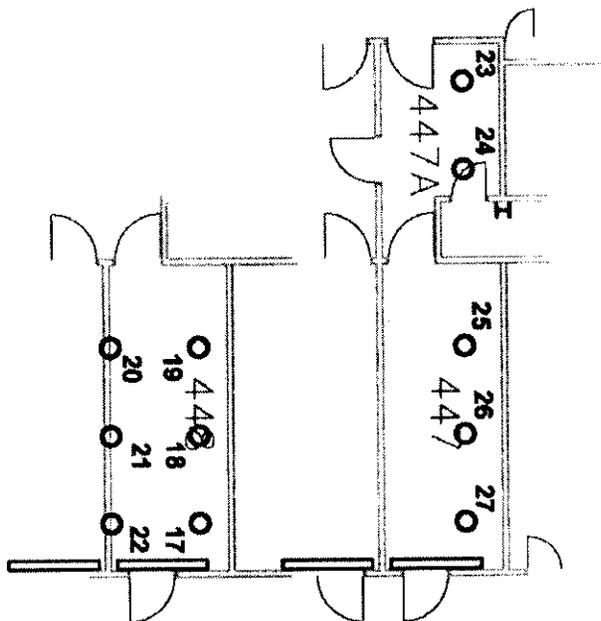
Survey Unit 267A-0302 Static and Removable Sample Locations



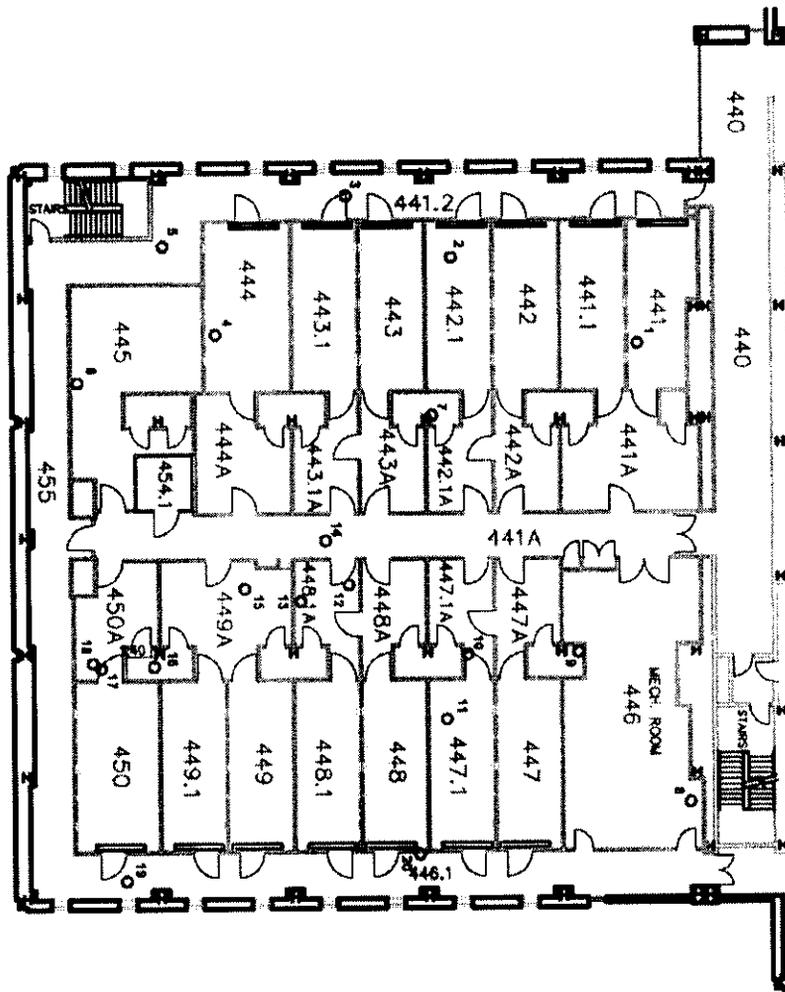
Survey Unit 267A-0401a
Static and Removable Sample Locations



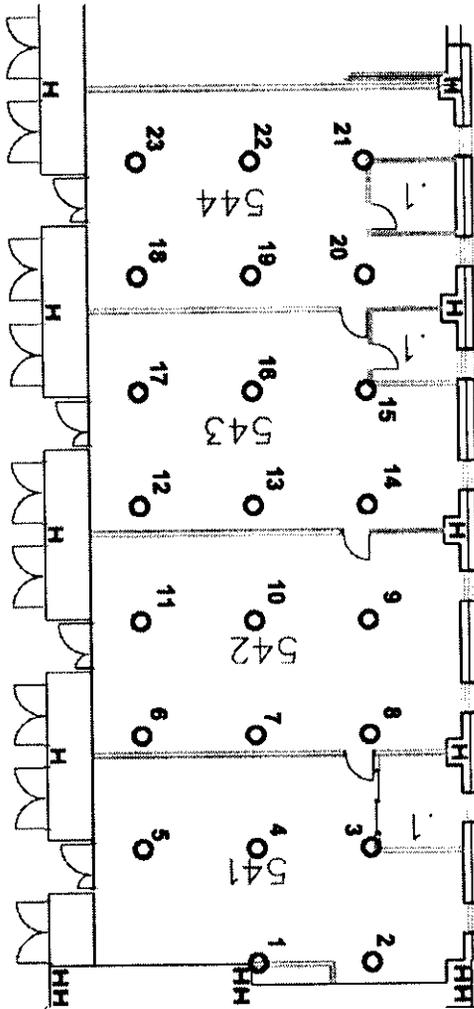
Survey Unit 267A-0401b
Static and Removable Sample Locations



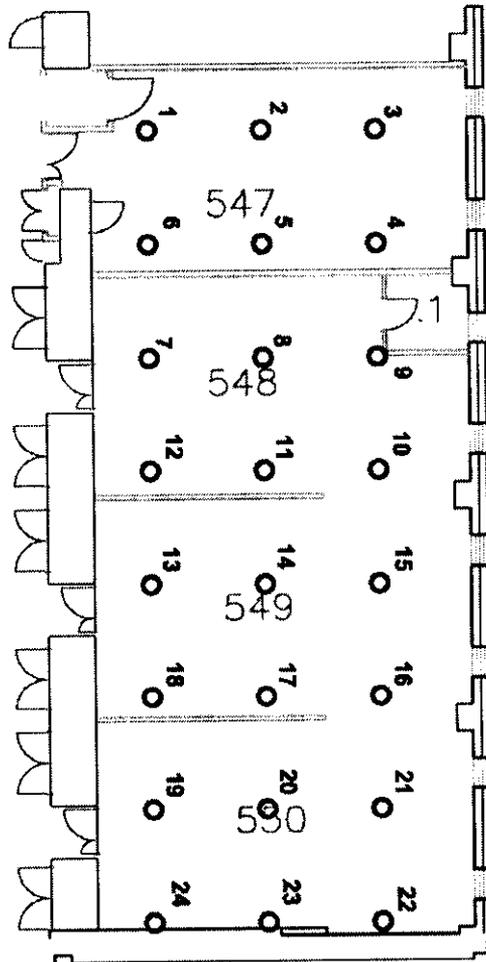
Survey Unit 267A-0402 Static and Removable Sample Locations



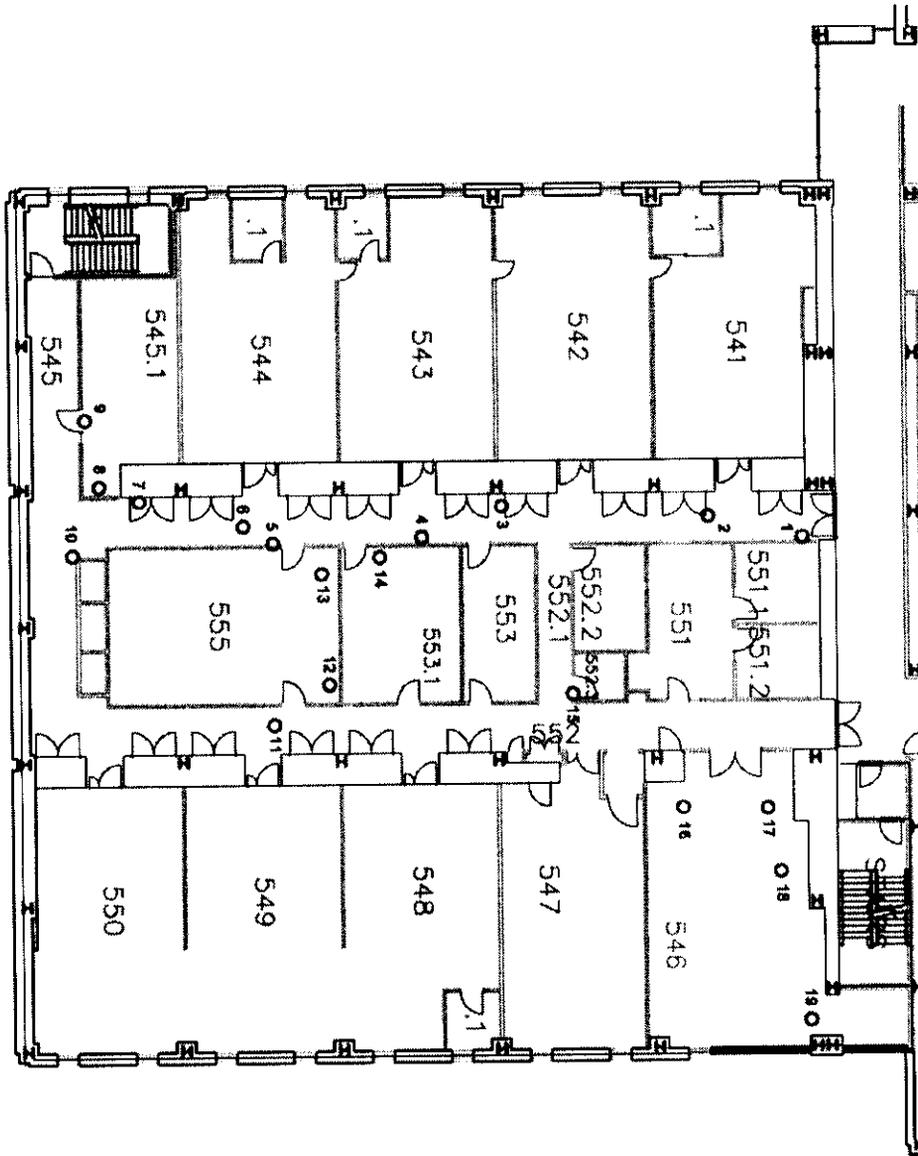
Survey Unit 267A-0501
Static and Removable Sample Locations



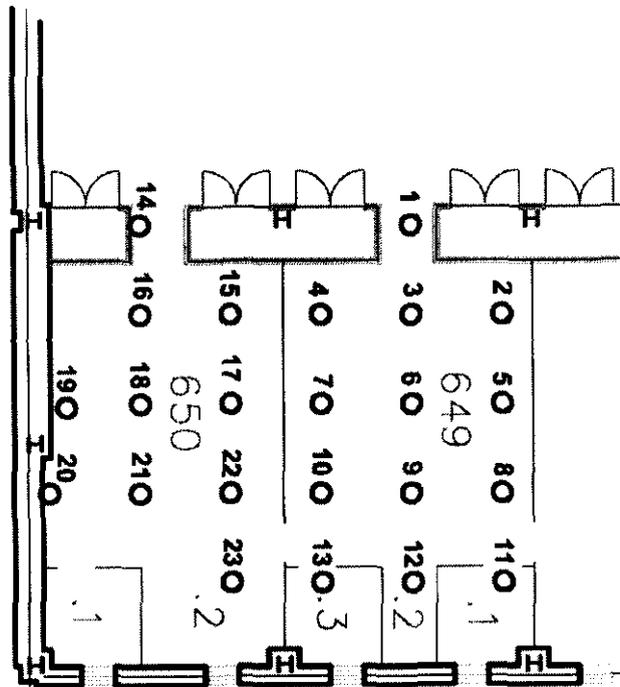
Survey Unit 267A-0502
Static and Removable Sample Locations



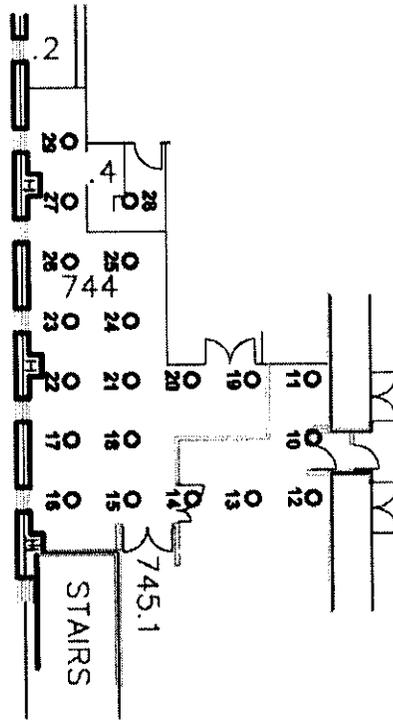
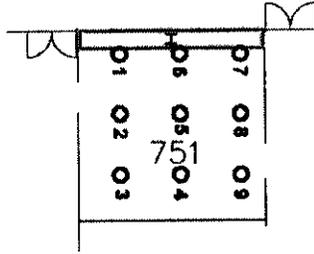
Survey Unit 267A-0503
Static and Removable Sample Locations



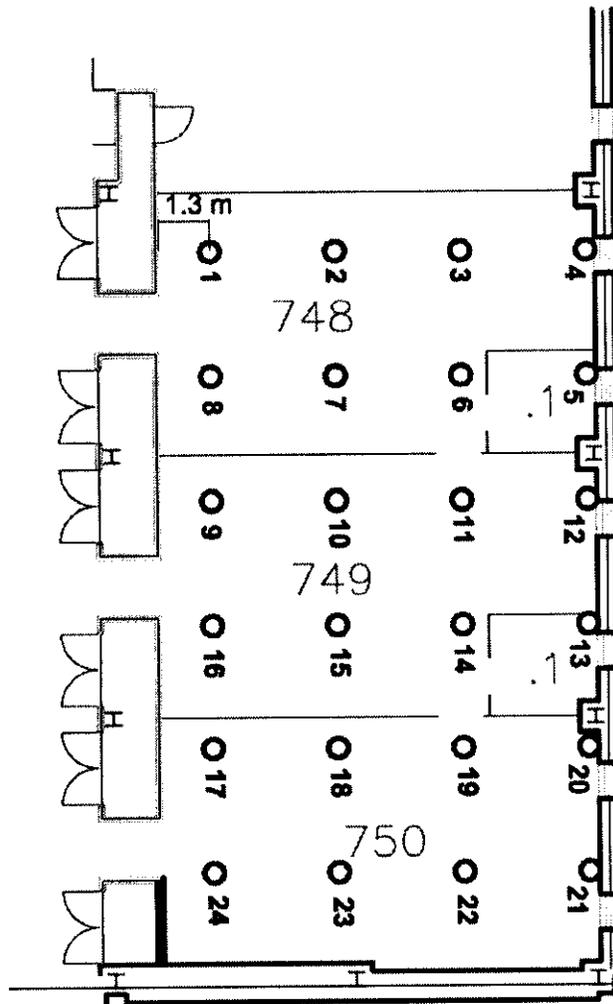
Survey Unit 267A-0601
Static and Removable Sample Locations



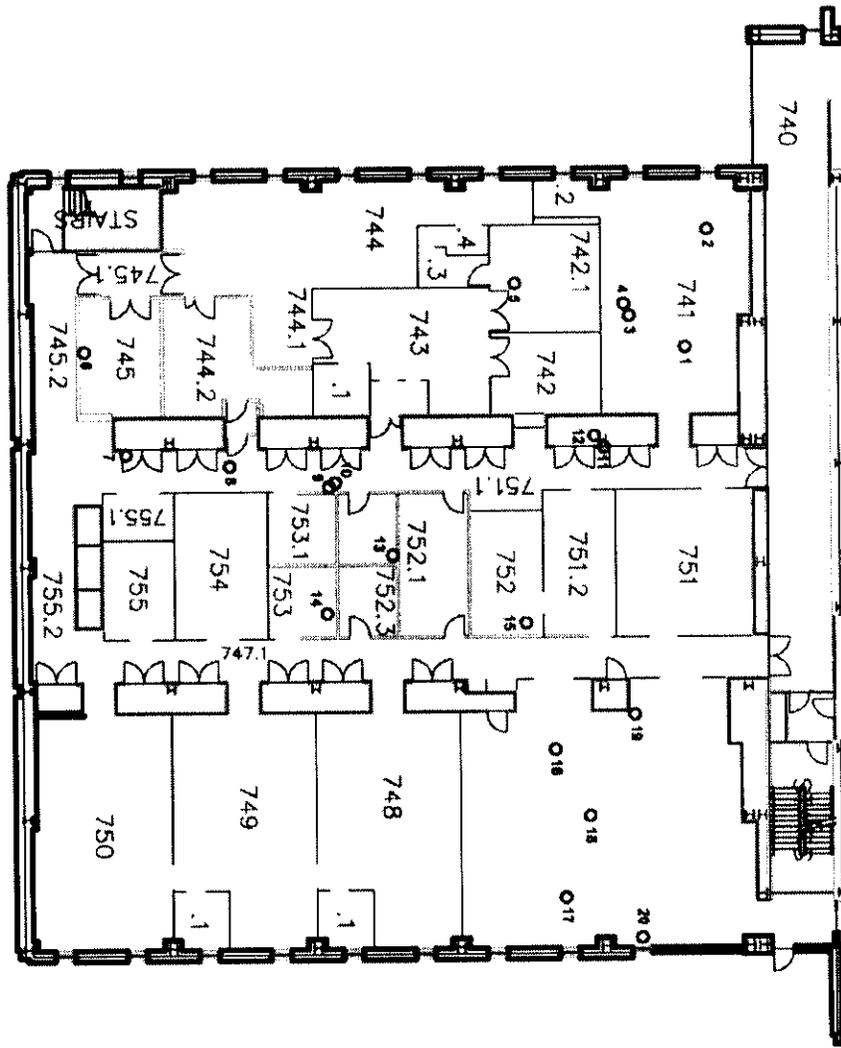
Survey Unit 267A-0701 Static and Removable Sample Locations



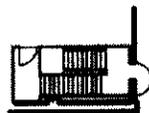
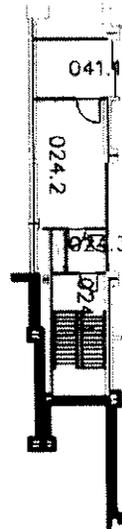
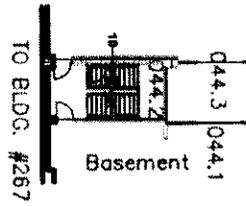
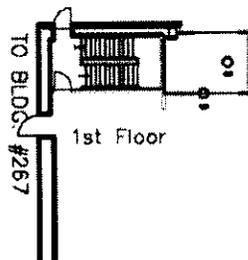
Survey Unit 267A-0702
Static and Removable Sample Locations



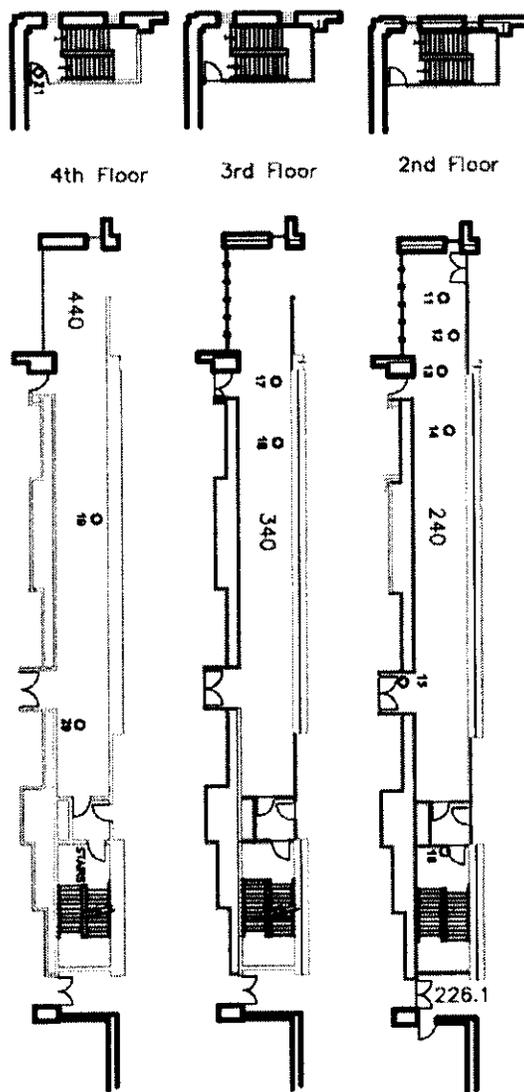
Survey Unit 267A-0703
Static and Removable Sample Locations



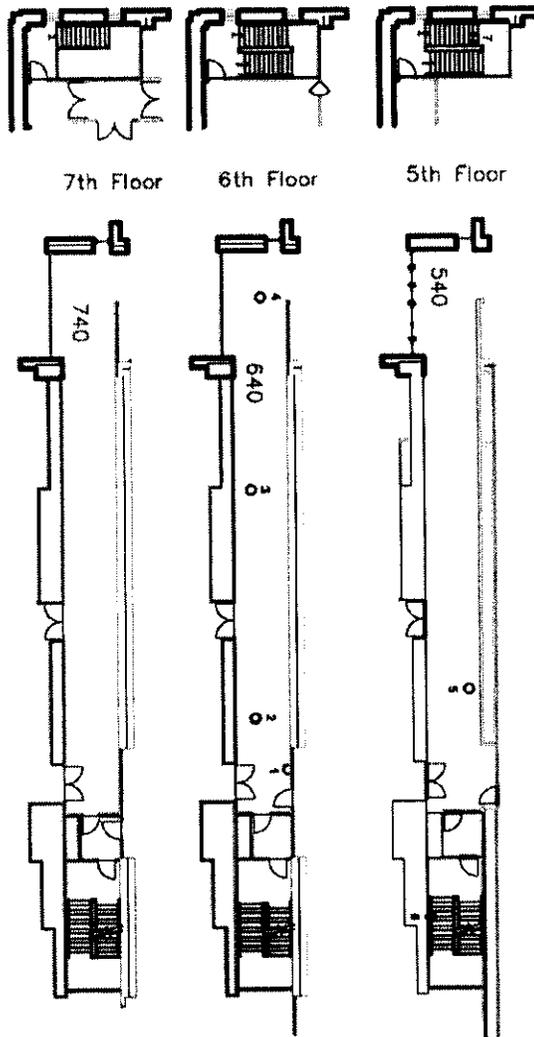
Survey Unit 267A-0801a Static and Removable Sample Locations



Survey Unit 267A-0801b Static and Removable Sample Locations



Survey Unit 267A-0801c
Static and Removable Sample Locations



Appendix C

Example Final Status Survey Package

(The following appendix contains 7 pages. The forms are identical to those used during the Decommissioning Project. They are not paginated in this attachment.)

Building: 209	Survey Unit #: 0001	Page ____ of ____
----------------------	----------------------------	--------------------------

Classification: <input type="checkbox"/> Class 1 - Impacted <input checked="" type="checkbox"/> Class 2 - Impacted <input type="checkbox"/> Class 3 - Impacted

Survey Type: <input type="checkbox"/> Characterization <input checked="" type="checkbox"/> Final Status Survey

Applicable Nuclides of Concern:									
Nuclide	<input type="checkbox"/> ¹²⁵ I	<input type="checkbox"/> ⁵¹ Cr	<input checked="" type="checkbox"/> ¹⁴ C	<input type="checkbox"/> ⁶³ Ni	<input type="checkbox"/> ³² P	<input type="checkbox"/> ³³ P	<input type="checkbox"/> ³⁵ S	<input type="checkbox"/> ⁴⁵ Ca	<input checked="" type="checkbox"/> ³ H
DCGL_w (dpm/100cm ²)	6.8 x 10 ⁵	5.2 x 10 ⁶	3.6 x 10 ⁶	1.8 x 10 ⁶	9.5 x 10 ⁶	4.2 x 10 ⁷	1.2 x 10 ⁷	2.8 x 10 ⁶	1.2 x 10 ⁷ Removable Only

Applicable Survey Unit Surfaces:	Surface Included in Measurement Distribution?			% of Surface Requiring Scan Surveys			
	<input checked="" type="checkbox"/> Floors	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	<input type="checkbox"/> 20%	<input checked="" type="checkbox"/> 50%	<input type="checkbox"/> 100%
<input checked="" type="checkbox"/> Lower walls	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	<input type="checkbox"/> 10%	<input checked="" type="checkbox"/> 25%	<input type="checkbox"/> 100%	<input type="checkbox"/> N/A
<input type="checkbox"/> Upper Walls	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> 10%	<input type="checkbox"/> 25%	<input type="checkbox"/> 100%	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Ceiling	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> 10%	<input type="checkbox"/> 25%	<input type="checkbox"/> 100%	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Structures (Permanent Furnishings) Interior and Exterior Surfaces	<input type="checkbox"/> Yes	<input type="checkbox"/> No ¹	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> 10%	<input checked="" type="checkbox"/> 25%	<input type="checkbox"/> 100%	<input type="checkbox"/> N/A

¹ For Class 2 areas, these surfaces are not included in the measurement distribution, however; laboratory counter top surfaces are included when they replace inaccessible floor surfaces. These surfaces shall be included in the scan survey coverage area.

Required Survey Instrumentation	Measurement Type	Static Count Time	Scan Rate	Limiting² Efficiency Based on:	Limiting² DCGL_w Based on:	Typical MDCR
<input checked="" type="checkbox"/> LMI 2350 or 2221/43-68	Beta	1 Minute	2 inches/sec.	¹⁴ C	¹⁴ C	107-Static
<input checked="" type="checkbox"/> LMI 2350 or 2221/43-37 Floor Monitor	Beta	N/A	10 inches/sec.			
<input type="checkbox"/> Other: _____ (Specify)						
<input checked="" type="checkbox"/> A Liquid Scintillation Counter shall be used for analysis of any required removable contamination measurements. See General Survey Instructions item # 9.					¹⁴ C	

² Since this instrumentation is non-nuclide specific (gross measurements), the applicable efficiency and DCGL_w values have been selected based on the most limiting nuclides of concern for the survey unit.

General Survey Instructions:

Page ___ of ___

1. Perform scan surveys of the required surface area at the prescribed scan rates. Use professional judgment to select the areas scan surveyed. Select areas with the highest probability to contain residual activity (i.e., floor traffic pathways, cracks and/or crevices not easily cleaned, counter top workspaces, storage locations, stained or water spotted areas, or areas with a known history of contamination).
2. If any elevated activity is detected during the scan surveys, then establish the extent (size) of the contaminated area(s) and mark the affected area(s) and quantify the activity by taking static measurements of the affected area(s). Notify the Radiation Safety Officer (RSO) or designee of the type, amount and extent of any contamination. If contamination is detected, suspend any further survey activities in the survey unit until permission is obtained from the RSO to continue.
3. Document all scan survey results on the applicable survey maps and data results sheets.
4. The established number of static measurement locations needed for the statistical evaluation of this survey unit is 14. However, for Class 1 and 2 survey units, the locations are determined by using a random start point and a systematic spacing from this point. Due to this method, the actual number of locations may vary. In this case, collect the actual locations provided on the survey map even if this number is greater than 14.
5. For Class 1 and 2 survey units, locate and mark the required static measurements locations using the provided survey map(s). Survey Maps have been provided with the required static measurement locations. Sufficient detail has been provided on these maps to measure and locate all of these locations.
6. For Class 3 survey units, these locations are selected by using randomly generated coordinates to determine survey locations. Due to this method, the actual number of locations may vary. In this case, collect the actual locations provided on the survey map even if this number is greater than 14.
7. For Class 1 and 2 survey units, collect all required static measurements and document the results on the associated data results sheets. Additional static measurements may be taken in suspect areas at the discretion of the RSO or survey technician. However, these additional locations are not included in the analysis of the statistical sample set.
8. For Class 3 survey units, collect the required static measurements at identified locations. Mark or label each location on the surface for reproducibility at a later time. Document all survey locations and survey results on the attached survey maps and data results sheets.
9. For survey units where tritium (^3H) is a nuclide of concern, removable contamination measurements (swipes) shall be performed at the established measurement locations and analyzed by liquid scintillation counting. Swipes shall also be collected at each location where the static measurement result is equal to or greater than 10% of the most limiting DCGL_w and analyzed by liquid scintillation counting.
10. Notify the RSO or designee if elevated activity is detected by any of the static measurements or applicable removable contamination measurements.
11. Ensure that all package information is completed and signed prior to turning in this Survey Package to the RSO or designee for review.

Location Code Description

A unique location code shall be assigned to each individual survey location to ensure proper data management of the survey results. The following format shall be used to ensure consistency throughout the final status survey process:

BBB-RRRR-SS-M-LLL

Where:

- BBB** = Building or area code. This field represents the facility area. This will be the building number or an assigned area number. (209)
- RRRR** = Survey unit ID code. This field has been assigned based on the *actual building room number or in the case of multiple rooms within a specific survey unit the number is assigned based on the lowest number of the included rooms (i.e., where rooms 1000, 1001, 1004 and 1006 are combined as a single survey unit, the survey unit number assigned would be 1000). Building system survey units (i.e., ventilation systems, drain systems or vacuum systems) are assigned unique 4-digit numbers that are consistent with the building section and floor. (0001)*
- SS** = Structural surface code. This field represents the structural surface such as floor, wall, ceiling, etc. and the surface division code. For example, if a room has a very large floor area it may be divided into two or more divisions and each section would be assigned unique codes such as F1, F2 and so on. Walls may be divided on a frequent basis. If only one surface area is identified for a particular survey area, then the default number will be "1". (e.g. W1, F1, etc.) (2 characters)
- M** = Structural material code. This field represents the type of structural material on which a particular measurement is taken. This field is usually used to track and assign specific material natural background levels. For the purposes of this survey, no material background values are to be assigned. Therefore, the default character shall be "M". (1 Character)
- LLL** = Numerical identification number. This field represents the survey point assigned numerical identifier. The field "001" means survey point location number 1. Numerical identifiers shall not be duplicated within the same survey unit. (3-characters)

Prepared By: _____
Printed Name/Signature

Date: _____

Reviewed By: _____
Printed Name/Signature

Date: _____

Pharmacia & Upjohn
Building 209 Decommissioning
Radiological Survey Map

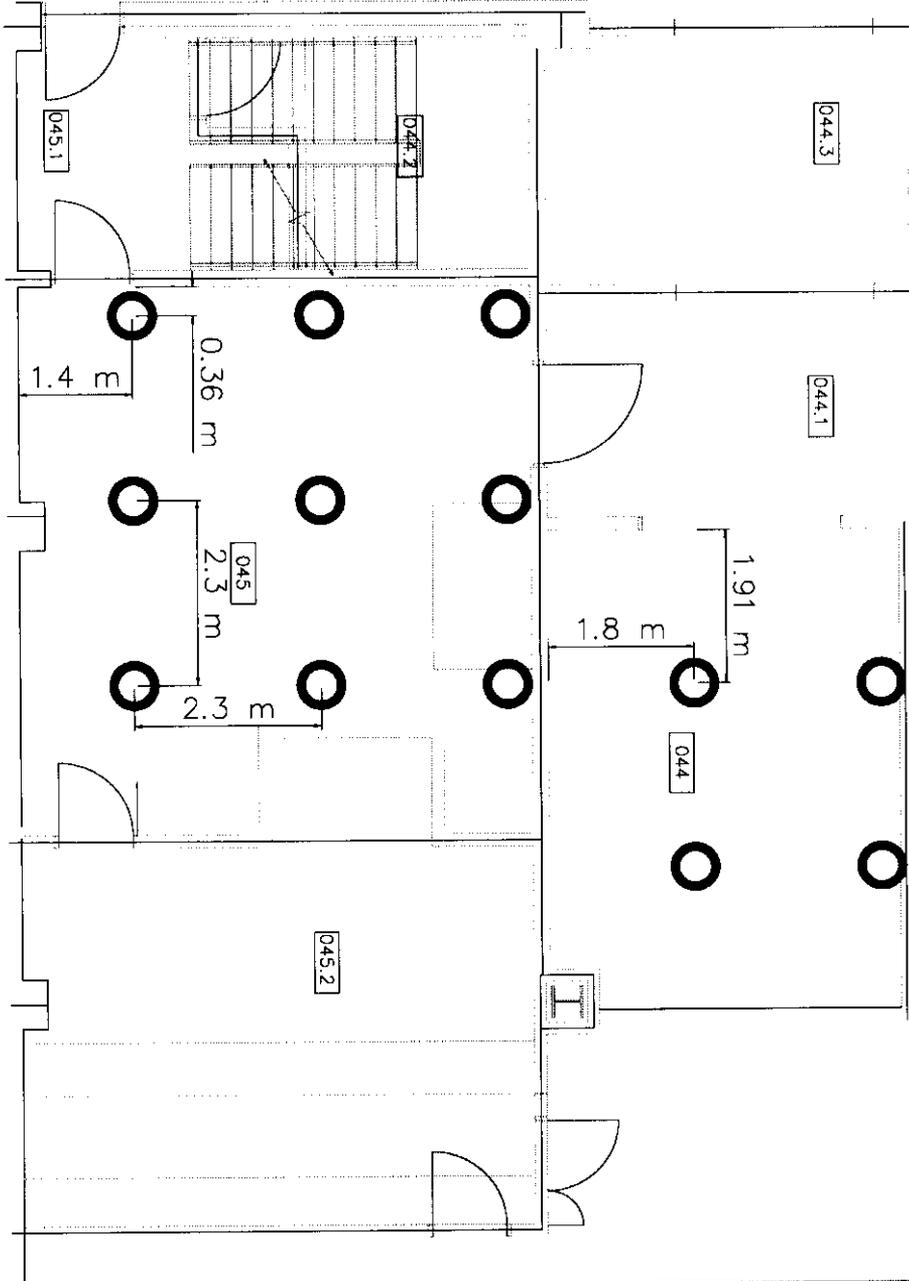
BUILDING: 209 (267A)

Room/Area Number: 044, 045

Page ___ of ___

Survey Unit Description: 209-0001a Floors, Lower Walls and Permanent Furnishings

COMMENTS:



PERFORMED BY:

DATE:

REVIEWED BY:

DATE:

**Pharmacia & Upjohn
Building 209 Decommissioning
Radiological Survey Map**

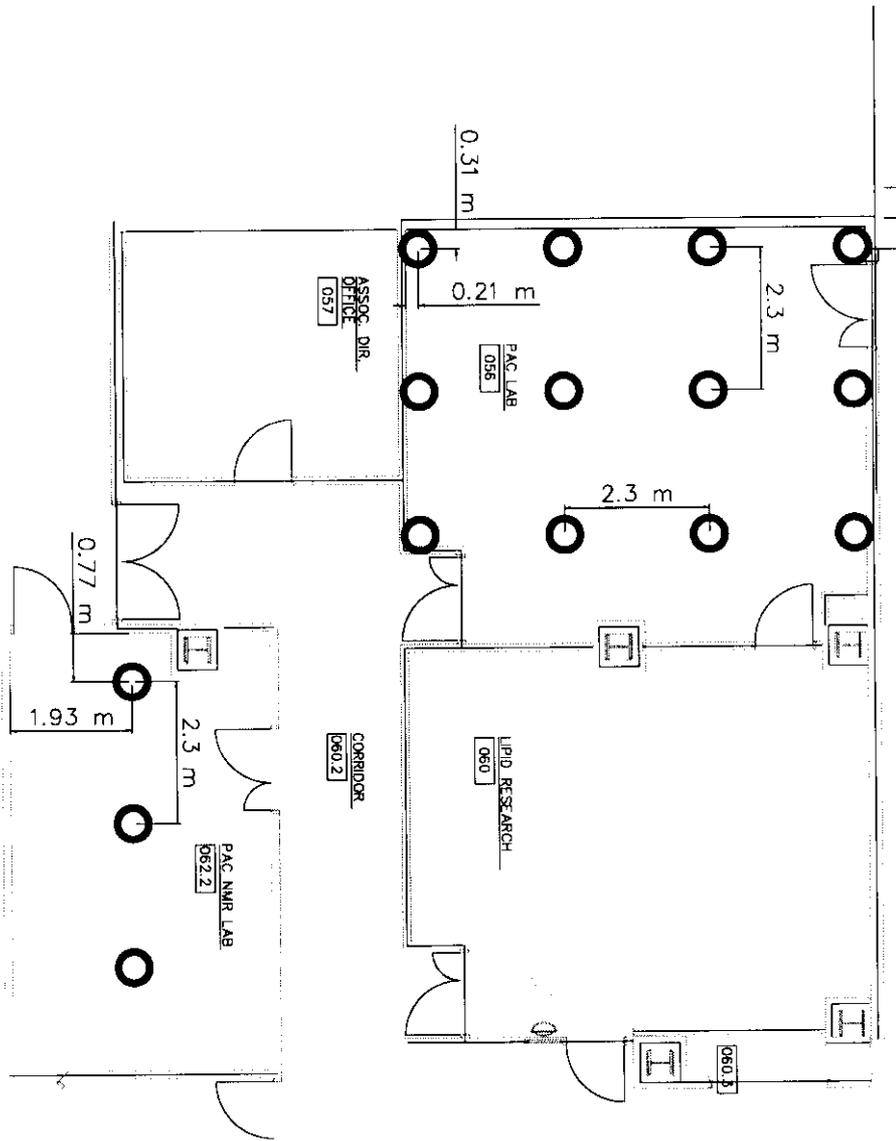
BUILDING: 209 (287A)

Room/Area Number: 056, 062.2

Page of

Survey Unit Description: 209-0001b Floors, Lower Walls and Permanent Furnishings

COMMENTS:



PERFORMED BY:

DATE:

REVIEWED BY:

DATE:

Desired Sample Number Calculations

Determination of the Relative Shift

The number of required samples depends on the ratio of the activity level to be measured relative to the variability in the concentration. This ratio is called the Relative Shift, Δ/σ_s , and is defined in MARSSIM as:

$$\Delta/\sigma_s = \frac{DCGL - LBGR}{\sigma_s}$$

Where:

- DCGL = derived concentration guideline
- LBGR = concentration at the lower bound of the gray region. The LBGR is the average concentration to which the survey unit should be cleaned in order to have an acceptable probability of passing the statistical test
- σ_s = an estimate of the standard deviation of the residual radioactivity in the survey unit

A conservative estimate for the standard deviation total surface activity measurements was determined using the maximum survey unit standard deviation expected. Final status survey standard deviations are typically between 500 and 2,500 dpm/100cm² at these types of facilities. MARSSIM recommends setting the value of the LBGR (Lower Bound of the Gray Region) at the expected average contamination level in the survey unit. For this project, the expected average activities are orders of magnitude below the DCGL. Therefore, the LBGR was increased to obtain a more realistic relative shift. This will increase the power of the statistical test. The estimated relative shift is provided in the following calculation:

$$\Delta/\sigma_s = \frac{3.7E6 - 3.65E6}{5,000} = 10$$

Since MARSSIM Table 5.5 does not include relative shifts above 3 and expected residual contamination levels were a small fraction of the DCGLs, it was determined that a relative shift of 3 would be more than sufficient.

Determination of Acceptable Decision Errors

A decision error is the probability of making an error in the decision on a survey unit by failing a unit that should pass (β decision error) or passing a unit that should fail (α decision error). MARSSIM uses the terminology α and β decision errors; this is the same as the more common terminology of Type I and Type II errors, respectively.

The applicable decision errors (Type I Type II errors) selected were both set at 0.05 in accordance with the Data Quality Objectives discussed in Section 18.2 of the Supplemental D&D Plan.

Determination of Number of Data Points

For the purposes of the final status survey it was assumed that the contaminant is not present in background at significant levels compared to the DCGLs. Therefore, material specific background was ignored and was not subtracted from the total surface activity measurements. Using this methodology, the Sign Test was chosen for the statistical evaluation of survey data. The number of direct measurements for a survey unit, employing the Sign Test, is determined from MARSSIM Table 5.5, which is based on the following equation (MARSSIM equation 5-2):

$$N = \frac{(Z_{1-\alpha} + Z_{1-\beta})^2}{4(\text{Sign}P - 0.5)^2}$$

Where:

- N = number of samples needed in the survey unit
 $Z_{1-\alpha}$ = percentile represented by the decision error α
 $Z_{1-\beta}$ = percentile represented by the decision error β
 $\text{Sign}P$ = estimated probability that a random measurement will be less than the DCGL when the survey unit median is actually at the LBGR

Note: Percentiles $Z_{1-\alpha}$ and $Z_{1-\beta}$ are determined from MARSSIM Table 5.2. $\text{Sign}P$ is determined from MARSSIM Table 5.4

MARSSIM recommends increasing the calculated number of measurements by 20% to ensure sufficient power of the statistical tests and to allow for possible data losses.

Pfizer's approach was to predetermine a number of samples to be applied to all survey units. This approach would provide sufficient power for the statistical test while streamlining the survey planning process. The following calculations were made to determine this number:

$$N = \left(\frac{(1.645 + 1.645)^2}{4(0.998650 - 0.5)^2} \right) = 10.88$$

$Z_{1-\alpha}$ is equal to 1.645 using the α error rate of 0.05 from MARSSIM Table 5.2.

$Z_{1-\beta}$ is equal to 1.645 using the β error rate of 0.05 from MARSSIM Table 5.2.

$\text{Sign}P$ is equal to 0.998650 from MARSSIM Table 5.4.

Adding an additional 20% to account for data losses resulted in a value of 13.06. Rounding up to the nearest whole integer results in the value of 14. Therefore, the determined number of samples for the final status surveys for planning purposes was 14.

Table E.1 – Survey Unit Identification and Location Codes**Location Code Description**

A unique location code shall be assigned to each individual survey location to ensure proper data management of the survey results. The following format shall be used to ensure consistency throughout the final status survey process:

BBB-RRRR-SS-M-LLL

Where:

- BBB** = Building or area code. This field represents the facility area. This will be the building number or an assigned area number. (3-5 characters)
- RRRR** = Survey unit ID code. This field is typically assigned based on the actual building room number or in the case of multiple rooms within a specific survey unit the number is usually assigned based on the lowest number of the included rooms (i.e., where rooms 1000, 1001, 1004 and 1006 are combined as a single survey unit, the survey unit number assigned would be 1000). For this project, survey unit numbers have been assigned sequentially (e.g., 0101). The first two characters represent the building elevation; the second two characters represent the sequential survey unit number. Building system survey units (i.e., ventilation systems, drain systems or vacuum systems) are assigned unique 4 digit numbers that are consistent with the building system and elevation. The first character represents the system type and the second through fourth characters represent the building elevation and survey unit number (e.g., D302). Survey unit identifiers are presented in the table below.
- SS** = Structural surface code. This field represents the structural surface such as floor, wall, ceiling, etc. and the surface division code. For example, if a room has a very large floor area it may be divided into two or more divisions and each section would be assigned unique codes such as F1, F2 and so on. Walls may be divided on a frequent basis. If only one surface area is identified for a particular survey area, then the default number will be "1". (e.g. W1, F1, etc.) (2 characters)
- M** = Structural material code. This field represents the type of structural material on which a particular measurement is taken. This field is usually used to track and assign specific material natural background levels. A list of material codes shall be provided to the survey technician. (1 Character)
- LLL** = Numerical identification number. This field represents the survey point assigned numerical identifier. The field "001" means survey point location number 1. Numerical identifiers shall not be duplicated within the same survey unit. (3-characters)

Table E.2 – System Survey Unit Identifiers

Building System/Elevation	Identifier
Drain Lines	D
General Ventilation	G
Hood Ventilation	H
Vacuum Lines	V
Basement	0
1 st Floor	1
2 nd Floor	2
3 rd Floor	3
4 th Floor	4
5 th Floor	5
6 th Floor	6
7 th Floor	7
Stairwells	8

Table E.3 – Structural Surface Codes

M Code	Description
F	Floor Surface
W	Wall Surface
C	Ceiling Surface
S	Permanent Structures

Table E.4 – Structural Material Codes

M Code	Description
A	Painted Brick
B	Unpainted Brick
C	Bare Concrete
D	Painted Concrete
E	Bare Cinder Block
F	Painted Cinder Block
G	Epoxy Coated Concrete
H	Ceramic Coated Block (Hot)
N	Ceramic Coated Block (Normal)
J	Ceramic Tile
K	Carpet over Concrete
L	Vinyl Tile over Concrete
R	Roof Membrane w/Gravel
S	Slate
T	Terrazzo over concrete
U	Terracotta Tile
M	Painted Wood
M	Bare Wood
M	Glass
M	Plexi-Glass
M	Painted Metal
M	Bare Metal
M	Drywall
M	Fiber Board
M	Stainless Steel
M	Other materials with no material background

Table F.1 – Surface and Structures Total Beta Activity Summary

Survey Unit	Class	MDC	Survey Unit Mean	Standard Deviation	Survey Unit		Applicable Investigation Level	Any Result Exceeding Investigation Level?
					Minimum	Maximum		
dpm/100 cm ²								
267A-0001	2	872	1223	1564	-466	3608	5000	No
267A-0002	3	826	1373	1376	-413	4011	826	Yes
267A-0101	2	893	570	664	-815	1757	5000	No
267A-0102	3	916	676	464	-349	1228	916	Yes
267A-0201	2	832	526	183	159	772	5000	No
267A-0202	3	883	185	452	-667	1280	883	Yes
267A-0301	2	842	371	239	-179	1052	5000	No
267A-0302	3	909	36	368	-506	823	909	No
267A-0401	2	827	265	175	-40	556	5000	No
267A-0402	3	845	314	321	-99	1310	845	Yes
267A-0501	2	836	225	414	-665	992	5000	No
267A-0502	2	888	-175	384	-843	813	5000	No
267A-0503	3	829	129	407	-625	1101	829	Yes
267A-0601	2	798	50	282	-317	704	5000	No
267A-0602	3	805	286	284	-109	962	805	Yes
267A-0701	2	890	1590	1179	-595	2837	5000	No
267A-0702	2	955	-754	830	-1597	1131	5000	No
267A-0703	3	897	648	887	-883	1766	897	Yes
267A-0801	3	845	287	358	-327	1200	845	Yes

Table F.2 – Surface and Structures Total Removable Activity Summary

Survey Unit	Class	MDC	Survey Unit Mean	Standard Deviation	Survey Unit Minimum	Survey Unit Maximum	Applicable Investigation Level	Any Result Exceeding Investigation Level?
267A-0001	2	57	66	12	46	94	1000	No
267A-0002	3	57	68	11	53	91	200	No
267A-0101	2	57	61	9	40	77	1000	No
267A-0102	3	57	58	12	33	75	200	No
267A-0201	2	57	68	9	50	80	1000	No
267A-0202	3	57	66	11	44	82	200	No
267A-0301	2	57	53	9	39	76	1000	No
267A-0302	3	57	60	8	46	76	200	No
267A-0401	2	57	60	8	40	76	1000	No
267A-0402	3	57	62	12	40	91	200	No
267A-0501	2	57	66	10	51	82	1000	No
267A-0502	2	57	63	7	49	76	200	No
267A-0503	3	57	59	8	44	72	200	No
267A-0601	2	57	58	11	34	76	1000	No
267A-0602	3	57	68	7	56	79	200	No
267A-0701	2	57	49	8	34	68	1000	No
267A-0702	2	57	60	8	42	74	1000	No
267A-0703	3	57	59	10	44	75	200	No
267A-0801	3	57	63	11	38	79	200	No

Note: Reported total removable activity includes ³H, ¹⁴C and all other radionuclides.
Reported value includes background (i.e., counter background was not subtracted).
Typical background value is approximately 60 dpm.

Table F.3 System Component Total Beta Activity Summary

Survey Unit	Class	# of Samples	Survey Unit Mean	Standard Deviation	Survey Unit Minimum	Survey Unit Maximum	Applicable Investigation Level	Any Result Exceeding Investigation Level?
267A-D001	System	4	-442	352	-762	-127	5000	No
267A-D002	System	4	-143	186	-392	53	5000	No
267A-D101	System	1	-328	---	-328	-328	5000	No
267A-D201	System	1	254	---	254	254	5000	No
267A-D202	System	4	-8	133	-148	159	5000	No
267A-D301	System	4	-330	101	-427	-188	5000	No
267A-D302	System	5	-433	500	-952	397	5000	No
267A-D401	System	5	-292	154	-516	-89	5000	No
267A-D402	System	10	-254	227	-565	179	5000	No
267A-D501	System	16	-236	232	-704	60	5000	No
267A-D502	System	17	-357	359	-784	853	5000	No
267A-D503	System	1	-774	---	-774	-774	5000	No
267A-D601	System	11	-152	267	-546	258	5000	No
267A-D602	System	9	-283	167	-486	10	5000	No
267A-D701	System	3	0	393	-437	327	5000	No
267A-D702	System	13	-1323	305	-1845	-813	5000	No
267A-D703	System	3	-698	304	-942	-357	5000	No
267A-G001	System	2	-95	45	-127	-63	5000	No
267A-G002	System	2	270	52	233	307	5000	No
267A-G201	System	4	214	352	-212	646	5000	No
267A-G202	System	6	153	518	-328	1111	5000	No
267A-G301	System	6	223	233	-30	556	5000	No
267A-G302	System	7	-65	721	-516	1538	5000	No
267A-G401	System	6	170	288	-40	734	5000	No
267A-G402	System	11	181	529	-565	1210	5000	No
267A-G501	System	1	238	---	238	238	5000	No
267A-G502	System	1	-188	---	-188	-188	5000	No
267A-G503	System	2	-60	154	-169	50	5000	No
267A-G601	System	3	-347	86	-446	-288	5000	No
267A-G702	System	1	-1369	---	-1369	-1369	5000	No
267A-G703	System	1	-139	---	-139	-139	5000	No
267A-H001	System	1	-296	---	-296	-296	5000	No
267A-H002	System	3	377	590	-148	1016	5000	No
267A-H202	System	1	275	---	275	275	5000	No
267A-H501	System	4	-171	444	-575	387	5000	No
267A-H502	System	2	-20	645	-476	437	5000	No
267A-H601	System	6	-298	238	-575	30	5000	No

Survey Unit	Class	# of Samples	Survey Unit Mean	Standard Deviation	Survey Unit Minimum	Survey Unit Maximum	Applicable Investigation Level	Any Result Exceeding Investigation Level?
267A-H602	System	4	136	111	30	268	5000	No
267A-H701	System	1	159	---	159	159	5000	No
267A-H702	System	3	-1253	50	-1300	-1200	5000	No
267A-H703	System	1	-198	---	-198	-198	5000	No
267A-V001	System	2	-249	202	-392	-106	5000	No
267A-V002	System	2	238	352	-11	487	5000	No
267A-V202	System	1	169	---	169	169	5000	No
267A-V501	System	10	-540	321	-1012	-79	5000	No
267A-V502	System	5	-496	299	-843	-149	5000	No
267A-V601	System	15	-367	371	-863	437	5000	No
267A-V602	System	12	-218	200	-595	109	5000	No
267A-V701	System	3	-559	268	-774	-258	5000	No
267A-V702	System	17	-1417	385	-2014	-506	5000	No
267A-V703	System	2	-1374	49	-1409	-1339	5000	No

Table F.4 System Component Total Removable Activity Summary

Survey Unit	Class	# of Samples	Survey Unit Mean	Standard Deviation	Survey Unit Minimum	Survey Unit Maximum	Applicable Investigation Level	Any Result Exceeding Investigation Level?
267A-D001	System	5	54	9	44	66	1000	No
267A-D002	System	4	66	4	61	71	1000	No
267A-D101	System	1	61	---	61	61	1000	No
267A-D201	System	1	52	---	52	52	1000	No
267A-D202	System	6	66	8	58	81	1000	No
267A-D301	System	5	54	10	42	67	1000	No
267A-D302	System	7	63	12	49	76	1000	No
267A-D401	System	7	48	12	27	58	1000	No
267A-D402	System	15	59	12	42	86	1000	No
267A-D501	System	16	66	10	49	85	1000	No
267A-D502	System	31	65	20	42	155	1000	No
267A-D503	System	2	53	1	52	53	1000	No
267A-D601	System	18	57	7	45	71	1000	No
267A-D602	System	18	68	10	45	86	1000	No
267A-D701	System	6	54	9	41	64	1000	No
267A-D702	System	26	64	11	45	87	1000	No
267A-D703	System	5	64	11	49	80	1000	No

Survey Unit	Class	# of Samples	Survey Unit Mean	Standard Deviation	Survey Unit Minimum	Survey Unit Maximum	Applicable Investigation Level	Any Result Exceeding Investigation Level?
267A-G001	System	2	65	12	56	73	1000	No
267A-G002	System	2	67	5	63	70	1000	No
267A-G201	System	4	57	3	55	62	1000	No
267A-G202	System	6	66	12	51	84	1000	No
267A-G301	System	6	52	5	46	61	1000	No
267A-G302	System	7	62	7	55	75	1000	No
267A-G401	System	6	55	8	42	63	1000	No
267A-G402	System	11	58	10	40	72	1000	No
267A-G501	System	1	74	---	74	74	1000	No
267A-G502	System	1	92	---	92	92	1000	No
267A-G503	System	2	56	9	49	62	1000	No
267A-G601	System	3	85	17	75	105	1000	No
267A-G702	System	1	68	---	68	68	1000	No
267A-G703	System	1	57	---	57	57	1000	No
267A-H001	System	1	69	---	69	69	1000	No
267A-H002	System	3	65	18	45	76	1000	No
267A-H202	System	1	69	---	69	69	1000	No
267A-H501	System	4	66	5	60	71	1000	No
267A-H502	System	2	58	6	54	62	1000	No
267A-H601	System	6	68	10	51	79	1000	No
267A-H602	System	4	48	9	34	54	1000	No
267A-H701	System	1	58	---	58	58	1000	No
267A-H702	System	3	60	9	50	66	1000	No
267A-H703	System	1	75	---	75	75	1000	No
267A-V001	System	2	64	5	60	67	1000	No
267A-V002	System	2	74	7	69	79	1000	No
267A-V202	System	1	77	---	77	77	1000	No
267A-V501	System	10	69	7	58	85	1000	No
267A-V502	System	5	63	8	54	73	1000	No
267A-V601	System	15	60	7	49	70	1000	No
267A-V602	System	12	79	56	44	253	1000	No
267A-V701	System	3	47	6	41	53	1000	No
267A-V702	System	17	62	8	51	85	1000	No
267A-V703	System	2	81	42	51	111	1000	No

Note: Reported total removable activity includes ³H, ¹⁴C and all other radionuclides. Reported value includes background (i.e., counter background was not subtracted). Typical background value is approximately 60 dpm.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0001****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0001-F1-M-001	32 ± 502	872	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-002	85 ± 504	872	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm
267A-0001-F1-M-003	-317 ± 487	872	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-0001-F1-M-004	-317 ± 487	872	N/A	N/A	94 ± 39	57	0 ± 0	3	0 cpm
267A-0001-F1-M-005	-138 ± 495	872	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm
267A-0001-F1-M-006	254 ± 511	872	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-007	-42 ± 499	872	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0001-F1-M-008	0 ± 500	872	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-0001-F1-M-009	-466 ± 481	872	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0001-F1-M-010	-275 ± 489	872	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-011	-360 ± 486	872	N/A	N/A	86 ± 39	57	0 ± 0	3	0 cpm
267A-0001-F1-M-012	-370 ± 485	872	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-0001-F1-M-013	201 ± 508	872	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0001-F1-M-014	212 ± 509	872	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-0001-F1-M-015	0 ± 500	872	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-0001-F1-M-016	2455 ± 592	872	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0001-F1-M-017	3481 ± 626	872	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0001-F1-M-018	2455 ± 592	872	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-019	3048 ± 612	872	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-020	2751 ± 602	872	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-021	1450 ± 556	872	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0001-F1-M-022	3132 ± 615	872	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0001-F1-M-023	2762 ± 602	872	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-024	2868 ± 606	872	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-025	3196 ± 617	872	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-026	3608 ± 630	872	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0001-F1-M-027	3323 ± 621	872	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0001 (27 detail records)									
Average	1223				66		0		0 cpm
Minimum	-466				46		0		0 cpm
Maximum	3608				94		0		0 cpm
Standard Deviation	1564				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0002****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0002-F1-M-001	1090 ± 518	826	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-002	138 ± 479	826	N/A	N/A	91 ± 39	57	0 ± 0	3	0 cpm
267A-0002-F1-M-003	3270 ± 597	826	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-004	1122 ± 519	826	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-005	709 ± 503	826	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0002-F1-M-006	1037 ± 516	826	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0002-F1-M-007	3545 ± 606	826	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0002-F1-M-008	3460 ± 604	826	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0002-F1-M-009	3757 ± 614	826	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-010	4011 ± 622	826	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-011	582 ± 497	826	N/A	N/A	81 ± 38	57	0 ± 0	3	0 cpm
267A-0002-F1-M-012	-413 ± 455	826	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-013	243 ± 483	826	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0002-F1-M-014	561 ± 496	826	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0002-F1-M-015	720 ± 503	826	N/A	N/A	80 ± 38	57	0 ± 0	3	0 cpm
267A-0002-F1-M-016	783 ± 505	826	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-017	519 ± 495	826	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0002-F1-M-018	677 ± 501	826	N/A	N/A	88 ± 39	57	0 ± 0	3	0 cpm
267A-0002-F1-M-019	1026 ± 515	826	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0002-F1-M-020	624 ± 499	826	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0002 (20 detail records)									
Average	1373				68		0		0 cpm
Minimum	-413				53		0		0 cpm
Maximum	4011				91		0		0 cpm
Standard Deviation	1376				11		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0101****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0101-F1-M-001	1757 ± 579	893	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0101-F1-M-002	1725 ± 577	893	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-003	1291 ± 562	893	N/A	N/A	40 ± 35	57	0 ± 0	3	0 cpm
267A-0101-F1-M-004	751 ± 542	893	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-005	-328 ± 500	893	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0101-F1-M-006	1101 ± 555	893	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-007	751 ± 542	893	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-008	-815 ± 480	893	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-009	423 ± 530	893	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm
267A-0101-F1-M-010	381 ± 528	893	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-011	349 ± 527	893	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0101-F1-M-012	95 ± 517	893	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-013	-95 ± 509	893	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-014	582 ± 536	893	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-015	190 ± 521	893	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-016	868 ± 546	893	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-017	984 ± 551	893	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-018	1026 ± 552	893	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-019	1079 ± 554	893	N/A	N/A	77 ± 38	57	0 ± 0	3	0 cpm
267A-0101-F1-M-020	910 ± 548	893	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-021	868 ± 546	893	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-022	1153 ± 557	893	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-023	529 ± 534	893	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-024	-550 ± 491	893	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0101-F1-M-025	-508 ± 493	893	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0101-F1-M-026	307 ± 525	893	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0101 (26 detail records)									
Average	570				61		0		0 cpm
Minimum	-815				40		0		0 cpm
Maximum	1757				77		0		0 cpm
Standard Deviation	664				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0102****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0102-F1-M-001	963 ● 565	921	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-002	963 ± 565	921	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-0102-F1-M-003	540 ± 550	921	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0102-F1-M-004	614 ± 553	921	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-005	1079 ± 570	921	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-006	878 ± 562	921	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0102-F1-M-007	1228 ± 575	921	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-0102-F1-M-008	-74 ± 527	921	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0102-F1-M-009	1058 ± 569	921	N/A	N/A	47 ● 35	57	0 ± 0	3	0 cpm
267A-0102-F1-M-010	868 ± 562	921	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-012	688 ± 555	921	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-013	984 ± 513	824	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-014	1206 ± 574	921	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0102-F1-M-015	-349 ± 516	921	N/A	N/A	33 ● 34	57	0 ± 0	3	0 cpm
267A-0102-F1-M-016	11 ± 530	921	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0102-F1-M-017	825 ± 560	921	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-018	646 ± 554	921	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0102-F1-M-019	148 ± 535	921	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0102-F1-M-020	1111 ± 571	921	N/A	N/A	39 ± 35	57	0 ± 0	3	0 cpm
267A-0102-F1-M-021	138 ± 535	921	N/A	N/A	41 ● 35	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0102 (20 detail records)									
Average	676				58		0		0 cpm
Minimum	-349				33		0		0 cpm
Maximum	1228				75		0		0 cpm
Standard Deviation	464				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0201****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0201-F1-M-001	646 ± 503	832	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0201-F1-M-002	772 ± 508	832	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-003	413 ± 494	832	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0201-F1-M-004	360 ± 492	832	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-0201-F1-M-005	550 ± 500	832	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0201-F1-M-006	159 ± 483	832	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-007	677 ± 505	832	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0201-F1-M-008	720 ± 506	832	N/A	N/A	80 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-009	730 ± 507	832	N/A	N/A	80 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-010	392 ± 493	832	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0201-F1-M-011	582 ± 501	832	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0201-F1-M-012	349 ± 491	832	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0201-F1-M-013	540 ± 499	832	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0201-F1-M-014	339 ± 491	832	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-015	698 ± 505	832	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-016	624 ± 503	832	N/A	N/A	77 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-017	275 ± 488	832	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0201-F1-M-018	423 ± 494	832	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0201-F1-M-019	741 ± 507	832	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0201 (19 detail records)									
Average	526				68		0		0 cpm
Minimum	159				50		0		0 cpm
Maximum	772				80		0		0 cpm
Standard Deviation	183				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0202****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0202-F1-M-001	32 ● 508	883	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0202-F1-M-002	275 ± 518	883	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0202-F1-M-003	-434 ± 489	883	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0202-F1-M-004	1280 ± 556	883	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0202-F1-M-005	296 ± 519	883	N/A	N/A	81 ± 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-006	296 ± 519	883	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0202-F1-M-007	-677 ± 479	883	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0202-F1-M-008	138 ± 513	883	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0202-F1-M-009	1132 ± 551	883	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-010	296 ± 519	883	N/A	N/A	80 ± 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-011	-254 ± 497	883	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0202-F1-M-012	-32 ± 506	883	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-0202-F1-M-013	-32 ± 506	883	N/A	N/A	82 ± 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-014	0 ± 507	883	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0202-F1-M-015	138 ± 513	883	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0202-F1-M-016	413 ± 523	883	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-0202-F1-M-017	32 ± 508	883	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-018	-53 ± 505	883	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-019	339 ± 521	883	N/A	N/A	74 ● 38	57	0 ± 0	3	0 cpm
267A-0202-F1-M-020	519 ± 528	883	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0202 (20 detail records)									
Average	185				66		0		0 cpm
Minimum	-677				44		0		0 cpm
Maximum	1280				82		0		0 cpm
Standard Deviation	452				11		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0301****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0301-F1-M-001	228 ● 493	842	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-002	218 ± 493	842	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0301-F1-M-003	218 ± 493	842	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-004	516 ± 504	842	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-005	-179 ± 477	842	N/A	N/A	41 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-006	506 ± 504	842	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-007	536 ± 505	842	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-008	486 ± 503	842	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-009	1052 ± 524	842	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0301-F1-M-010	159 ± 490	842	N/A	N/A	43 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-011	288 ± 495	842	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-012	357 ± 498	842	N/A	N/A	40 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-013	446 ± 501	842	N/A	N/A	55 ● 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-014	456 ± 502	842	N/A	N/A	39 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-015	258 ± 494	842	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-016	228 ± 493	842	N/A	N/A	56 ● 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-017	248 ± 494	842	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-018	496 ± 503	842	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-019	268 ± 495	842	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0301-F1-M-020	337 ± 497	842	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-021	417 ± 500	842	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-022	60 ± 486	842	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0301-F1-M-023	665 ± 510	842	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm
267A-0301-F1-M-024	645 ± 509	842	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0301 (24 detail records)									
Average	371				53		0		0 cpm
Minimum	-179				39		0		0 cpm
Maximum	1052				76		0		0 cpm
Standard Deviation	239				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0302****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0302-F1-M-001	823 ± 553	909	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-002	218 ± 532	909	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-003	704 ± 549	909	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-004	-486 ± 506	909	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-005	516 ± 542	909	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-006	79 ± 527	909	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-007	79 ± 527	909	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-008	40 ± 525	909	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-009	159 ± 530	909	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm
267A-0302-F1-M-010	10 ± 524	909	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-011	-10 ± 524	909	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-012	-69 ± 521	909	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0302-F1-M-013	-357 ± 511	909	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-0302-F1-M-014	367 ± 537	909	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-015	-506 ± 505	909	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-016	79 ± 527	909	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-017	-327 ± 512	909	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-018	-397 ± 509	909	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0302-F1-M-019	-188 ± 517	909	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0302-F1-M-020	-10 ± 524	909	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0302 (20 detail records)									
Average	36				60		0		0 cpm
Minimum	-506				46		0		0 cpm
Maximum	823				76		0		0 cpm
Standard Deviation	368				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0401****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0401-F1-M-001	159 ± 481	827	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0401-F1-M-002	337 ± 488	827	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-003	188 ± 482	827	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-004	427 ± 492	827	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-005	139 ± 480	827	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-006	397 ± 490	827	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-007	149 ± 481	827	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-008	30 ± 476	827	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-009	-40 ± 473	827	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-010	169 ± 481	827	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-011	258 ± 485	827	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-012	278 ± 486	827	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-0401-F1-M-013	417 ± 491	827	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-014	60 ± 477	827	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0401-F1-M-015	456 ± 493	827	N/A	N/A	40 ± 35	57	0 ± 0	3	0 cpm
267A-0401-F1-M-016	417 ± 491	827	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-017	456 ± 493	827	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-018	437 ± 492	827	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-019	556 ± 497	827	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-020	337 ± 488	827	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-021	-10 ± 474	827	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-022	208 ± 483	827	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-023	-30 ± 474	827	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-024	119 ± 479	827	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-025	476 ± 493	827	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0401-F1-M-026	327 ± 488	827	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0401-F1-M-027	437 ± 492	827	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0401 (27 detail records)									
Average	265				60		0		0 cpm
Minimum	-40				40		0		0 cpm
Maximum	556				76		0		0 cpm
Standard Deviation	175				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0402****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0402-F1-M-001	347 ± 499	845	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0402-F1-M-002	-30 ± 485	845	N/A	N/A	76 ● 38	57	0 ± 0	3	0 cpm
267A-0402-F1-M-003	278 ± 497	845	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0402-F1-M-004	327 ± 498	845	N/A	N/A	91 ± 39	57	0 ± 0	3	0 cpm
267A-0402-F1-M-005	744 ± 514	845	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-006	198 ± 493	845	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-007	-99 ± 482	845	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0402-F1-M-008	804 ± 516	845	N/A	N/A	61 ● 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-009	1310 ± 535	845	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0402-F1-M-010	218 ± 494	845	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-011	278 ± 497	845	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0402-F1-M-012	30 ± 487	845	N/A	N/A	40 ● 35	57	0 ± 0	3	0 cpm
267A-0402-F1-M-013	347 ± 499	845	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0402-F1-M-014	89 ± 489	845	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0402-F1-M-015	40 ± 487	845	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-016	288 ± 497	845	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0402-F1-M-017	377 ± 500	845	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-0402-F1-M-018	218 ± 494	845	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-019	268 ± 496	845	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0402-F1-M-020	258 ± 496	845	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0402 (20 detail records)									
Average	314				62		0		0 cpm
Minimum	-99				40		0		0 cpm
Maximum	1310				91		0		0 cpm
Standard Deviation	321				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0501****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0501-F1-M-001	248 ± 490	836	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-002	367 ± 495	836	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-003	526 ± 501	836	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0501-F1-M-004	-417 ± 463	836	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-005	-69 ± 477	836	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-006	-119 ± 475	836	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0501-F1-M-007	-60 ± 478	836	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-008	50 ± 482	836	N/A	N/A	81 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-009	278 ± 491	836	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-010	-665 ± 453	836	N/A	N/A	82 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-011	188 ± 488	836	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-012	992 ± 518	836	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-013	-486 ± 461	836	N/A	N/A	80 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-014	377 ± 495	836	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0501-F1-M-015	407 ± 496	836	N/A	N/A	81 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-016	149 ± 486	836	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0501-F1-M-017	972 ± 517	836	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-018	506 ± 500	836	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0501-F1-M-019	516 ± 500	836	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0501-F1-M-020	159 ± 486	836	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0501-F1-M-021	714 ± 508	836	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-022	188 ± 488	836	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0501-F1-M-023	347 ± 494	836	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0501 (23 detail records)									
Average	225				66		0		0 cpm
Minimum	-665				51		0		0 cpm
Maximum	992				82		0		0 cpm
Standard Deviation	414				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0502****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0502-F1-M-001	446 ± 528	888	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0502-F1-M-002	-50 ± 510	888	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-003	129 ± 516	888	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-004	-308 ± 500	888	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-005	-149 ± 506	888	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-006	-60 ± 509	888	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-007	50 ± 513	888	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-008	-516 ± 492	888	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-009	-437 ± 495	888	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-010	69 ± 514	888	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-011	-714 ± 484	888	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0502-F1-M-012	-585 ± 489	888	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-013	-437 ± 495	888	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-014	-843 ± 479	888	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-015	119 ± 516	888	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-016	-188 ± 504	888	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-017	-20 ± 511	888	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-018	-377 ± 497	888	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0502-F1-M-019	-208 ± 504	888	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-020	-575 ± 490	888	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-021	149 ± 517	888	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-022	50 ± 513	888	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-023	813 ± 541	888	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0502-F1-M-024	-565 ± 490	888	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0502 (24 detail records)									
Average	-175				63		0		0 cpm
Minimum	-843				49		0		0 cpm
Maximum	813				76		0		0 cpm
Standard Deviation	384				7		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0503****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0503-F1-M-001	-228 ± 467	829	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0503-F1-M-002	10 ± 477	829	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-003	79 ± 479	829	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-004	-60 ± 474	829	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0503-F1-M-005	-139 ± 471	829	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-006	198 ± 484	829	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0503-F1-M-007	149 ± 482	829	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-008	-149 ± 470	829	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0503-F1-M-009	-129 ± 471	829	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-010	575 ± 499	829	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-011	99 ± 480	829	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0503-F1-M-012	-119 ± 472	829	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0503-F1-M-013	-625 ± 451	829	N/A	N/A	45 ± 35	57	0 ± 0	3	0 cpm
267A-0503-F1-M-014	-149 ± 470	829	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0503-F1-M-015	60 ± 479	829	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-016	804 ± 507	829	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0503-F1-M-017	1101 ± 518	829	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-018	506 ± 496	829	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0503-F1-M-019	476 ± 495	829	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0503 (19 detail records)									
Average	129				59		0		0 cpm
Minimum	-625				44		0		0 cpm
Maximum	1101				72		0		0 cpm
Standard Deviation	407				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0601****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0601-F1-M-001	397 ± 475	801	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-002	-248 ± 449	801	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-003	-60 ± 457	801	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm
267A-0601-F1-M-004	-198 ± 451	801	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-005	-89 ± 456	801	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-006	-258 ± 448	801	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-007	-159 ± 453	801	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0601-F1-M-008	-10 ± 459	801	N/A	N/A	34 ± 34	57	0 ± 0	3	0 cpm
267A-0601-F1-M-009	258 ± 470	801	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-010	-218 ± 450	801	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-011	-179 ± 452	801	N/A	N/A	43 ± 35	57	0 ± 0	3	0 cpm
267A-0601-F1-M-012	228 ± 469	801	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-013	-69 ± 456	801	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-0601-F1-M-014	704 ± 488	801	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0601-F1-M-015	60 ± 462	801	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-016	317 ± 472	801	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0601-F1-M-017	248 ± 469	801	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-018	-60 ± 457	801	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-019	-10 ± 459	801	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-020	-20 ± 458	801	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-021	-317 ± 446	801	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0601-F1-M-022	149 ± 465	801	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0601-F1-M-023	675 ± 456	746	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0601 (23 detail records)									
Average	50				58		0		0 cpm
Minimum	-317				34		0		0 cpm
Maximum	704				76		0		0 cpm
Standard Deviation	282				11		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0602****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0602-F1-M-001	179 ± 469	805	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-002	565 ± 485	805	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-003	407 ± 478	805	N/A	N/A	56 ● 36	57	0 ± 0	3	0 cpm
267A-0602-F1-M-004	407 ± 478	805	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-005	20 ± 463	805	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-006	685 ± 489	805	N/A	N/A	64 ● 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-007	962 ± 500	805	N/A	N/A	73 ● 38	57	0 ± 0	3	0 cpm
267A-0602-F1-M-008	-10 ± 461	805	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-009	169 ± 469	805	N/A	N/A	79 ● 38	57	0 ± 0	3	0 cpm
267A-0602-F1-M-010	109 ± 466	805	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-011	-109 ± 457	805	N/A	N/A	57 ● 36	57	0 ± 0	3	0 cpm
267A-0602-F1-M-012	526 ± 483	805	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm
267A-0602-F1-M-013	-60 ± 459	805	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-014	50 ± 464	805	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0602-F1-M-015	397 ± 478	805	N/A	N/A	72 ● 38	57	0 ± 0	3	0 cpm
267A-0602-F1-M-016	159 ± 468	805	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-017	288 ± 474	805	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0602-F1-M-018	407 ± 478	805	N/A	N/A	57 ● 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0602 (18 detail records)									
Average	286				68		0		0 cpm
Minimum	-109				56		0		0 cpm
Maximum	962				79		0		0 cpm
Standard Deviation	284				7		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0701****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0701-F1-M-001	139 ± 517	890	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-002	397 ± 527	890	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-003	-179 ± 506	890	N/A	N/A	43 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-004	-595 ± 490	890	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-005	-60 ± 510	890	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0701-F1-M-006	-20 ± 512	890	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-007	-288 ± 501	890	N/A	N/A	40 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-008	50 ± 514	890	N/A	N/A	37 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-009	-139 ± 507	890	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-010	2708 ± 605	890	N/A	N/A	34 ± 34	57	0 ± 0	3	0 cpm
267A-0701-F1-M-011	1508 ± 566	890	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-012	2837 ± 609	890	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-013	2123 ± 586	890	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-014	2331 ± 593	890	N/A	N/A	38 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-015	2173 ± 588	890	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-016	2183 ± 588	890	N/A	N/A	37 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-017	2619 ± 602	890	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-018	2302 ± 592	890	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-0701-F1-M-019	2470 ± 597	890	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-020	2252 ± 590	890	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-021	2113 ± 586	890	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-022	2292 ± 591	890	N/A	N/A	41 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-023	2579 ± 601	890	N/A	N/A	38 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-024	2133 ± 586	890	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-025	1845 ± 577	890	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-026	2579 ± 601	890	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0701-F1-M-027	2758 ± 606	890	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-028	2391 ± 595	890	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0701-F1-M-029	2619 ± 602	890	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0701 (29 detail records)									
Average	1590				49		0		0 cpm
Minimum	-595				34		0		0 cpm
Maximum	2837				68		0		0 cpm
Standard Deviation	1179				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0702****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0702-F1-M-001	-1052 ± 514	955	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-002	-754 ± 525	955	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-003	-1042 ± 514	955	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-004	-1329 ± 503	955	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0702-F1-M-005	-1310 ± 504	955	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-006	-843 ± 521	955	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-0702-F1-M-007	-1597 ± 493	955	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-008	-1319 ± 504	955	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-009	-1260 ± 506	955	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-010	-1101 ± 512	955	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-0702-F1-M-011	-1131 ± 511	955	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-012	-1052 ± 514	955	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-013	-1339 ± 503	955	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-014	-1319 ± 504	955	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-015	-1250 ± 506	955	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-016	-992 ± 516	955	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-017	-714 ± 526	955	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-018	-1538 ± 495	955	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-019	724 ± 576	955	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-020	565 ± 571	955	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-021	625 ± 573	955	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0702-F1-M-022	784 ± 578	955	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-023	-972 ± 517	955	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0702-F1-M-024	1131 ± 589	955	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0702 (24 detail records)									
Average	-754				60		0		0 cpm
Minimum	-1597				42		0		0 cpm
Maximum	1131				74		0		0 cpm
Standard Deviation	830				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0703****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0703-F1-M-001	-744 ± 488	897	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-002	1399 ± 566	897	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-003	-883 ± 483	897	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0703-F1-M-004	1389 ± 566	897	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-005	1468 ± 568	897	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-006	1369 ± 565	897	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-0703-F1-M-007	1161 ± 558	897	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-0703-F1-M-008	1766 ± 578	897	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-0703-F1-M-009	1597 ± 573	897	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0703-F1-M-010	1359 ± 565	897	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-011	1101 ± 556	897	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-012	942 ± 550	897	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0703-F1-M-013	-813 ± 486	897	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-0703-F1-M-014	-466 ± 499	897	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-015	-615 ± 493	897	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-016	873 ± 548	897	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-0703-F1-M-017	367 ± 530	897	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0703-F1-M-018	486 ± 534	897	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0703-F1-M-019	665 ± 541	897	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-0703-F1-M-020	546 ± 536	897	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0703 (20 detail records)									
Average	648				59		0		0 cpm
Minimum	-883				44		0		0 cpm
Maximum	1766				75		0		0 cpm
Standard Deviation	887				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results**Building 267A****Survey Unit 0801****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-0801-F1-M-001	159 ± 492	845	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0801-F1-M-002	437 ± 503	845	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-003	69 ± 488	845	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-004	119 ± 490	845	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-005	417 ± 502	845	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-0801-F1-M-006	873 ± 519	845	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-0801-F1-M-007	1200 ± 531	845	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-0801-F1-M-008	833 ± 517	845	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-0801-F1-M-009	615 ± 509	845	N/A	N/A	77 ● 38	57	0 ± 0	3	0 cpm
267A-0801-F1-M-010	278 ± 497	845	N/A	N/A	38 ● 35	57	0 ± 0	3	0 cpm
267A-0801-F1-M-011	-179 ± 479	845	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-012	-109 ± 481	845	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-013	60 ± 488	845	N/A	N/A	39 ± 35	57	0 ± 0	3	0 cpm
267A-0801-F1-M-014	238 ± 495	845	N/A	N/A	55 ● 36	57	0 ± 0	3	0 cpm
267A-0801-F1-M-015	-327 ± 473	845	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-016	169 ± 492	845	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-017	278 ± 497	845	N/A	N/A	68 ● 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-018	298 ± 497	845	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-0801-F1-M-019	198 ± 493	845	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm
267A-0801-F1-M-020	258 ± 496	845	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-0801-F1-M-021	149 ± 492	845	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0801 (21 detail records)									
Average	287				63		0		0 cpm
Minimum	-327				38		0		0 cpm
Maximum	1200				79		0		0 cpm
Standard Deviation	358				11		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building Surface and Structure Final Status Survey Results

Building 267A Building Summary

Location Code	<u>Total Activity Measurements</u>		<u>Removable Activity Measurements</u>		
	<u>Beta Activity</u>	<u>Gamma Activity</u>	<u>Channel 1 Activity</u>	<u>Channel 2 Activity</u>	<u>Channel 3 Activity</u>
Summary for Building # 267A (424 detail records)					
Average	430		61	0	0 cpm
Minimum	-1597		33	0	0 cpm
Maximum	4011		94	0	0 cpm
Standard Deviation	900		11	0	0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D001****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D001-D2-M-001	N/A	N/A	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-D001-D3-M-001	-762 ± 481	892	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-D001-D1-M-001	-148 ± 494	872	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-D001-D3-M-002	-127 ± 507	892	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-D001-D3-M-003	-730 ± 482	892	N/A	N/A	56 ± 35	54	0 ± 0	3	0 cpm
Summary for Survey Unit # D001 (5 detail records)									
Average	-442				54		0		0 cpm
Minimum	-762				44		0		0 cpm
Maximum	-127				66		0		0 cpm
Standard Deviation	352				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D002****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-D002-D1-M-001	-392 ± 456	826	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm	
267A-D002-D1-M-002	53 ± 475	826	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm	
267A-D002-D1-M-003	-85 ± 469	826	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm	
267A-D002-D1-M-004	-148 ± 467	826	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # D002 (4 detail records)										
Average	-143				66		0		0 cpm	
Minimum	-392				61		0		0 cpm	
Maximum	53				71		0		0 cpm	
Standard Deviation	186				4		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

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Building System Component Survey Results

Building 267A

Survey Unit D101

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D101-D1-M-001	-328 ± 500	893	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D101 (1 detail record)									
Average	-328				61		0		0 cpm
Minimum	-328				61		0		0 cpm
Maximum	-328				61		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit D201

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D201-D1-M-001	254 ± 487	832	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D201 (1 detail record)									
Average	254				52		0		0 cpm
Minimum	254				52		0		0 cpm
Maximum	254				52		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D202****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D202-D2-M-001	N/A	N/A	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D202-D1-M-001	-74 ± 478	839	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-D202-D1-M-002	159 ± 488	839	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-D202-D2-M-003	N/A	N/A	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D202-D1-M-003	-148 ± 475	839	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-D202-D1-M-004	32 ± 482	839	N/A	N/A	81 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D202 (6 detail records)									
Average	-8				66		0		0 cpm
Minimum	-148				58		0		0 cpm
Maximum	159				81		0		0 cpm
Standard Deviation	133				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit D301

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D301-D1-M-001	-427 ± 467	842	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-D301-D1-M-002	-347 ± 470	842	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-D301-D2-M-002	N/A	N/A	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-D301-D1-M-003	-188 ± 477	842	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-D301-D1-M-004	-357 ± 470	842	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D301 (5 detail records)									
Average	-330				54		0		0 cpm
Minimum	-427				42		0		0 cpm
Maximum	-188				67		0		0 cpm
Standard Deviation	101				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D302****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D302-D1-M-001	-486 ± 506	909	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-D302-D1-M-002	-615 ± 501	909	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D302-D1-M-003	-952 ± 488	909	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-D302-D2-M-003	N/A	N/A	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-D302-D2-M-004	N/A	N/A	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-D302-D1-M-004	397 ± 538	909	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-D302-D1-M-005	-506 ± 505	909	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D302 (7 detail records)									
Average	-433				63		0		0 cpm
Minimum	-952				49		0		0 cpm
Maximum	397				76		0		0 cpm
Standard Deviation	500				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D401****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D401-D1-M-001	-298 ± 463	827	N/A	N/A	35 ± 34	57	0 ± 0	3	0 cpm
267A-D401-D2-M-002	N/A	N/A	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-D401-D1-M-002	-317 ± 462	827	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-D401-D2-M-003	N/A	N/A	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-D401-D1-M-003	-516 ± 475	861	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-D401-D1-M-004	-238 ± 465	827	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-D401-D1-M-005	-89 ± 471	827	N/A	N/A	27 ± 34	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D401 (7 detail records)									
Average	-292				48		0		0 cpm
Minimum	-516				27		0		0 cpm
Maximum	-89				58		0		0 cpm
Standard Deviation	154				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D402****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D402-D1-M-001	-109 ± 481	845	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-D402-D2-M-002	N/A	N/A	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-D402-D1-M-002	179 ± 493	845	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D402-D2-M-003	N/A	N/A	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-D402-D1-M-003	-347 ± 472	845	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D402-D1-M-004	-327 ± 473	845	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-D402-D2-M-005	N/A	N/A	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-D402-D1-M-005	-228 ± 477	845	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-D402-D1-M-006	-129 ± 481	845	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-D402-D1-M-007	-446 ± 468	845	N/A	N/A	86 ± 39	57	0 ± 0	3	0 cpm
267A-D402-D2-M-008	N/A	N/A	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-D402-D1-M-008	-496 ± 466	845	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
267A-D402-D1-M-009	-69 ± 483	845	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-D402-D2-M-010	N/A	N/A	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-D402-D1-M-010	-565 ± 463	845	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D402 (15 detail records)									
Average	-254				59		0		0 cpm
Minimum	-565				42		0		0 cpm
Maximum	179				86		0		0 cpm
Standard Deviation	227				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D501****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D501-D1-M-001	-685 ± 452	836	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-002	50 ± 482	836	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-003	-60 ± 478	836	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-D501-D1-M-004	-704 ± 451	836	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-005	-198 ± 472	836	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-D501-D1-M-006	-258 ± 470	836	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-007	-10 ± 480	836	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-D501-D1-M-008	60 ± 483	836	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-009	-268 ± 469	836	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-D501-D1-M-010	-377 ± 465	836	N/A	N/A	85 ± 39	57	0 ± 0	3	0 cpm
267A-D501-D1-M-011	-387 ± 465	836	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-012	-69 ± 477	836	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-D501-D1-M-013	-119 ± 475	836	N/A	N/A	77 ± 38	57	0 ± 0	3	0 cpm
267A-D501-D1-M-014	-308 ± 468	836	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-D501-D1-M-015	-367 ± 465	836	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-D501-D1-M-016	-79 ± 477	836	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D501 (16 detail records)									
Average	-236				66		0		0 cpm
Minimum	-704				49		0		0 cpm
Maximum	60				85		0		0 cpm
Standard Deviation	232				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D502****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D502-D2-M-001	N/A	N/A	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-001	-169 ± 505	888	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-002	853 ± 542	888	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D1-M-003	-327 ± 499	888	N/A	N/A	71 ● 37	57	0 ± 0	3	0 cpm
267A-D502-D2-M-003	N/A	N/A	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm
267A-D502-D1-M-004	-288 ± 501	888	N/A	N/A	85 ● 39	57	0 ± 0	3	0 cpm
267A-D502-D2-M-004	N/A	N/A	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D2-M-005	N/A	N/A	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D1-M-005	-675 ± 486	888	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-006	-565 ± 490	888	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D2-M-006	N/A	N/A	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D2-M-007	N/A	N/A	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-D502-D1-M-007	-784 ± 481	888	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-008	-476 ± 493	888	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D2-M-008	N/A	N/A	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-009	-556 ± 490	888	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-D502-D1-M-010	-585 ± 489	888	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D2-M-010	N/A	N/A	N/A	N/A	155 ± 44	57	0 ± 0	3	0 cpm
267A-D502-D1-M-011	-526 ± 492	888	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D2-M-011	N/A	N/A	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-012	-139 ± 506	888	N/A	N/A	45 ● 35	57	0 ± 0	3	0 cpm
267A-D502-D2-M-012	N/A	N/A	N/A	N/A	51 ● 36	57	0 ± 0	3	0 cpm
267A-D502-D1-M-013	-327 ± 499	888	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D2-M-014	N/A	N/A	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D1-M-014	-238 ± 503	888	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D2-M-015	N/A	N/A	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-015	-337 ± 499	888	N/A	N/A	97 ± 39	57	0 ± 0	3	0 cpm
267A-D502-D2-M-016	N/A	N/A	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-D502-D1-M-016	-546 ± 491	888	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-D502-D2-M-017	N/A	N/A	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-D502-D1-M-017	-387 ± 497	888	N/A	N/A	59 ● 36	57	0 ± 0	3	0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

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Building System Component Survey Results

Building 267A

Survey Unit D502

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>		
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>	<u>Channel 2</u>	<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity MDC	Activity MDC	Activity
Summary for Survey Unit # D502 (31 detail records)							
Average	-357				65	0	0 cpm
Minimum	-784				42	0	0 cpm
Maximum	853				155	0	0 cpm
Standard Deviation	359				20	0	0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D503****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D503-D2-M-001	N/A	N/A	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-D503-D1-M-001	-774 ± 444	829	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D503 (2 detail records)									
Average	-774				53		0		0 cpm
Minimum	-774				52		0		0 cpm
Maximum	-774				53		0		0 cpm
Standard Deviation					1		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D601****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D601-D1-M-001	-357 ± 444	801	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D1-M-002	-486 ± 439	801	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D601-D1-M-003	-546 ± 436	801	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D2-M-004	N/A	N/A	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D1-M-004	-159 ± 453	801	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-D601-D2-M-005	N/A	N/A	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D1-M-005	208 ± 468	801	N/A	N/A	55 ± 35	54	0 ± 0	3	0 cpm
267A-D601-D1-M-006	-218 ± 450	801	N/A	N/A	54 ± 35	54	0 ± 0	3	0 cpm
267A-D601-D2-M-006	N/A	N/A	N/A	N/A	47 ± 35	57	0 ± 0	3	0 cpm
267A-D601-D1-M-007	-208 ± 451	801	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D601-D2-M-007	N/A	N/A	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D1-M-008	159 ± 466	801	N/A	N/A	45 ± 35	57	0 ± 0	3	0 cpm
267A-D601-D1-M-009	-129 ± 454	801	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D2-M-009	N/A	N/A	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-D601-D1-M-010	258 ± 470	801	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D2-M-010	N/A	N/A	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-D601-D2-M-011	N/A	N/A	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-D601-D1-M-011	-198 ± 451	801	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D601 (18 detail records)									
Average	-152				57		0		0 cpm
Minimum	-546				45		0		0 cpm
Maximum	258				71		0		0 cpm
Standard Deviation	267				7		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D602****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D602-D2-M-001	N/A	N/A	N/A	N/A	77 ± 38	57	0 ± 0	3	0 cpm
267A-D602-D1-M-001	10 ± 462	805	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D2-M-002	N/A	N/A	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-D602-D1-M-002	-109 ± 457	805	N/A	N/A	81 ± 38	57	0 ± 0	3	0 cpm
267A-D602-D1-M-003	-228 ± 452	805	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D2-M-003	N/A	N/A	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D2-M-004	N/A	N/A	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-D602-D1-M-004	-427 ± 444	805	N/A	N/A	86 ± 39	57	0 ± 0	3	0 cpm
267A-D602-D1-M-005	-486 ± 441	805	N/A	N/A	77 ± 38	57	0 ± 0	3	0 cpm
267A-D602-D2-M-005	N/A	N/A	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D2-M-006	N/A	N/A	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D1-M-006	-427 ± 444	805	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-D602-D2-M-007	N/A	N/A	N/A	N/A	45 ± 35	57	0 ± 0	3	0 cpm
267A-D602-D1-M-007	-397 ± 445	805	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D1-M-008	-298 ± 449	805	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D2-M-008	N/A	N/A	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-D602-D2-M-009	N/A	N/A	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-D602-D1-M-009	-188 ± 454	805	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D602 (18 detail records)									
Average	-283				68		0		0 cpm
Minimum	-486				45		0		0 cpm
Maximum	10				86		0		0 cpm
Standard Deviation	167				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D701****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D701-D1-M-001	-437 ± 496	890	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-D701-D2-M-001	N/A	N/A	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-D701-D1-M-002	109 ± 516	890	N/A	N/A	41 ± 35	57	0 ± 0	3	0 cpm
267A-D701-D2-M-002	N/A	N/A	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-D701-D1-M-003	327 ± 524	890	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-D701-D2-M-003	N/A	N/A	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D701 (6 detail records)									
Average	0				54		0		0 cpm
Minimum	-437				41		0		0 cpm
Maximum	327				64		0		0 cpm
Standard Deviation	393				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D702****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D702-D2-M-001	N/A	N/A	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D1-M-001	-1687 ± 490	955	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D1-M-002	-813 ± 522	955	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D2-M-002	N/A	N/A	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D2-M-003	N/A	N/A	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-D702-D1-M-003	-1359 ± 502	955	N/A	N/A	45 ± 35	57	0 ± 0	3	0 cpm
267A-D702-D1-M-004	-1845 ± 483	955	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D2-M-004	N/A	N/A	N/A	N/A	82 ± 38	57	0 ± 0	3	0 cpm
267A-D702-D1-M-005	-1310 ± 504	955	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D2-M-005	N/A	N/A	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D1-M-006	-1438 ± 499	955	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D2-M-006	N/A	N/A	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D1-M-007	-1280 ± 505	955	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D2-M-007	N/A	N/A	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D2-M-008	N/A	N/A	N/A	N/A	87 ± 39	57	0 ± 0	3	0 cpm
267A-D702-D1-M-008	-1548 ± 495	955	N/A	N/A	87 ± 39	57	0 ± 0	3	0 cpm
267A-D702-D2-M-009	N/A	N/A	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm
267A-D702-D1-M-009	-1399 ± 501	955	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D2-M-010	N/A	N/A	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D1-M-010	-1548 ± 495	955	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D1-M-011	-972 ± 517	955	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
267A-D702-D2-M-011	N/A	N/A	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-D702-D1-M-012	-1032 ± 514	955	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D2-M-012	N/A	N/A	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D1-M-013	-972 ± 517	955	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D702-D2-M-013	N/A	N/A	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
<i>Summary for Survey Unit # D702 (26 detail records)</i>									
Average	-1323				64		0		0 cpm
Minimum	-1845				45		0		0 cpm
Maximum	-813				87		0		0 cpm
Standard Deviation	305				11		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit D703****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-D703-D1-M-001	-794 ± 486	897	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-D703-D1-M-002	-942 ± 481	897	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-D703-D2-M-002	N/A	N/A	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-D703-D2-M-003	N/A	N/A	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-D703-D1-M-003	-357 ± 503	897	N/A	N/A	80 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D703 (5 detail records)									
Average	-698				64		0		0 cpm
Minimum	-942				49		0		0 cpm
Maximum	-357				80		0		0 cpm
Standard Deviation	304				11		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G001****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-G001-G1-M-001	-127 ± 495	872	N/A	N/A	73 ● 38	57	0 ± 0	3	0	cpm
267A-G001-G1-M-002	-63 ± 498	872	N/A	N/A	56 ± 36	57	0 ± 0	3	0	cpm
Summary for Survey Unit # G001 (2 detail records)										
Average	-95				65		0			0 cpm
Minimum	-127				56		0			0 cpm
Maximum	-63				73		0			0 cpm
Standard Deviation	45				12		0			0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G002****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G002-G1-M-001	307 ± 486	826	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-G002-G1-M-002	233 ± 483	826	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G002 (2 detail records)									
Average	270				67		0		0 cpm
Minimum	233				63		0		0 cpm
Maximum	307				70		0		0 cpm
Standard Deviation	52				5		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G201****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G201-G1-M-001	646 ± 503	832	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-G201-G1-M-002	169 ± 484	832	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-G201-G1-M-003	254 ± 487	832	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-G201-G1-M-004	-212 ± 467	832	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G201 (4 detail records)									
Average	214				57		0		0 cpm
Minimum	-212				55		0		0 cpm
Maximum	646				62		0		0 cpm
Standard Deviation	352				3		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G202****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G202-G1-M-001	1111 ± 526	839	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-G202-G1-M-002	233 ± 491	839	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-G202-G1-M-003	-265 ± 470	839	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-G202-G1-M-004	42 ± 483	839	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-G202-G1-M-005	-328 ± 467	839	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-G202-G1-M-006	127 ± 486	839	N/A	N/A	84 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G202 (6 detail records)									
Average	153				66		0		0 cpm
Minimum	-328				51		0		0 cpm
Maximum	1111				84		0		0 cpm
Standard Deviation	518				12		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G301****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-G301-G1-M-001	228 ± 493	842	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm	
267A-G301-G1-M-002	69 ± 487	842	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm	
267A-G301-G1-M-003	69 ± 487	842	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm	
267A-G301-G1-M-004	556 ± 506	842	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm	
267A-G301-G1-M-005	-30 ± 483	842	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm	
267A-G301-G1-M-006	446 ± 501	842	N/A	N/A	46 ± 35	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # G301 (6 detail records)										
Average	223				52		0		0 cpm	
Minimum	-30				46		0		0 cpm	
Maximum	556				61		0		0 cpm	
Standard Deviation	233				5		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G302****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G302-G1-M-001	-218 ± 516	909	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-G302-G1-M-002	-397 ± 509	909	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-G302-G1-M-003	-258 ± 514	909	N/A	N/A	61 ± 37	57	0 ± 0	3	0 cpm
267A-G302-G1-M-004	-476 ± 506	909	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-G302-G1-M-005	1538 ± 577	909	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
267A-G302-G1-M-006	-516 ± 505	909	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-G302-G1-M-007	-129 ± 519	909	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G302 (7 detail records)									
Average	-65				62		0		0 cpm
Minimum	-516				55		0		0 cpm
Maximum	1538				75		0		0 cpm
Standard Deviation	721				7		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G401****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G401-G1-M-001	-40 ± 473	827	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-G401-G1-M-002	109 ± 479	827	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-G401-G1-M-003	734 ± 503	827	N/A	N/A	42 ± 35	57	0 ± 0	3	0 cpm
267A-G401-G1-M-004	119 ± 479	827	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-G401-G1-M-005	139 ± 480	827	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-G401-G1-M-006	-40 ± 473	827	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G401 (6 detail records)									
Average	170				55		0		0 cpm
Minimum	-40				42		0		0 cpm
Maximum	734				63		0		0 cpm
Standard Deviation	288				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G402****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G402-G1-M-001	50 ± 488	845	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-G402-G1-M-002	595 ± 509	845	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-G402-G1-M-003	198 ± 493	845	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-G402-G1-M-004	-258 ± 475	845	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-G402-G1-M-005	89 ± 489	845	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-G402-G1-M-006	1210 ± 531	845	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-G402-G1-M-007	724 ± 513	845	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-G402-G1-M-008	-248 ± 476	845	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-G402-G1-M-009	-565 ± 463	845	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-G402-G1-M-010	-288 ± 474	845	N/A	N/A	45 ± 35	57	0 ± 0	3	0 cpm
267A-G402-G1-M-011	486 ± 504	845	N/A	N/A	40 ± 35	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G402 (11 detail records)									
Average	181				58		0		0 cpm
Minimum	-565				40		0		0 cpm
Maximum	1210				72		0		0 cpm
Standard Deviation	529				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

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Building System Component Survey Results

Building 267A

Survey Unit G501

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G501-G1-M-001	238 ± 490	836	N/A	N/A	74	38 57	0 ± 0	3	0 cpm
Summary for Survey Unit # G501 (1 detail record)									
Average	238				74		0		0 cpm
Minimum	238				74		0		0 cpm
Maximum	238				74		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit G502

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G502-G1-M-001	-188 ± 504	888	N/A	N/A	92 ± 39	57	0 ± 0	3	0 cpm
<i>Summary for Survey Unit # G502 (1 detail record)</i>									
Average	-188				92		0		0 cpm
Minimum	-188				92		0		0 cpm
Maximum	-188				92		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G503****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G503-G1-M-001	-169 ± 469	829	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-G503-G1-M-002	50 ± 478	829	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G503 (2 detail records)									
Average	-60				56		0		0 cpm
Minimum	-169				49		0		0 cpm
Maximum	50				62		0		0 cpm
Standard Deviation	154				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G601****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-G601-G1-M-001	-288 ± 450	805	N/A	N/A	105 ± 40	57	0 ± 0	3	0 cpm	
267A-G601-G1-M-002	-308 ± 449	805	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm	
267A-G601-G1-M-003	-446 ± 443	805	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # G601 (3 detail records)										
Average	-347				85		0		0 cpm	
Minimum	-446				75		0		0 cpm	
Maximum	-288				105		0		0 cpm	
Standard Deviation	86				17		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit G702

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-G702-G1-M-001	-1369	502	955	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G702 (1 detail record)										
Average	-1369					68		0		0 cpm
Minimum	-1369					68		0		0 cpm
Maximum	-1369					68		0		0 cpm
Standard Deviation										cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit G703****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-G703-G1-M-001	-139 ± 512	897	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G703 (1 detail record)									
Average	-139				57		0		0 cpm
Minimum	-139				57		0		0 cpm
Maximum	-139				57		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit H001

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H001-H1-M-001	-296 ± 488	872	N/A	N/A	69 ● 37 57		0 ± 0	3	0 cpm
Summary for Survey Unit # H001 (1 detail record)									
Average	-296				69		0		0 cpm
Minimum	-296				69		0		0 cpm
Maximum	-296				69		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit H002****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-H002-H1-M-001	1016 ± 515	826	N/A	N/A	76 ± 38	57	0 ± 0	3	0 cpm	
267A-H002-H1-M-002	-148 ± 467	826	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm	
267A-H002-H1-M-003	265 ± 484	826	N/A	N/A	45 ± 35	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # H002 (3 detail records)										
Average	377				65		0		0 cpm	
Minimum	-148				45		0		0 cpm	
Maximum	1016				76		0		0 cpm	
Standard Deviation	590				18		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit H202

Class 3

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H202-H1-M-001	275 ± 493	839	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H202 (1 detail record)									
Average	275				69		0		0 cpm
Minimum	275				69		0		0 cpm
Maximum	275				69		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit H501****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H501-H1-M-001	-575 ± 457	836	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-H501-H1-M-002	387 ± 495	836	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
267A-H501-H1-M-003	-476 ± 461	836	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-H501-H1-M-004	-20 ± 479	836	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H501 (4 detail records)									
Average	-171				66		0		0 cpm
Minimum	-575				60		0		0 cpm
Maximum	387				71		0		0 cpm
Standard Deviation	444				5		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit H502****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-H502-H1-M-001	437 ± 528	888	N/A	N/A	54 ± 36	57	0 ± 0	3	0	0 cpm
267A-H502-H1-M-002	-476 ± 493	888	N/A	N/A	62 ± 37	57	0 ± 0	3	0	0 cpm
Summary for Survey Unit # H502 (2 detail records)										
Average	-20				58		0			0 cpm
Minimum	-476				54		0			0 cpm
Maximum	437				62		0			0 cpm
Standard Deviation	645				6		0			0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit H601****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H601-H1-M-001	-327 ± 446	801	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm
267A-H601-H1-M-002	-417 ± 442	801	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-H601-H1-M-003	-575 ± 435	801	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-H601-H1-M-004	-446 ± 440	801	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-H601-H1-M-005	-50 ± 457	801	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-H601-H1-M-006	30 ± 461	801	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H601 (6 detail records)									
Average	-298				68		0		0 cpm
Minimum	-575				51		0		0 cpm
Maximum	30				79		0		0 cpm
Standard Deviation	238				10		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit H602

Class 3

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H602-H1-M-001	268 ± 473	805	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-H602-H1-M-002	60 ± 464	805	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-H602-H1-M-003	188 ± 469	805	N/A	N/A	34 ± 34	57	0 ± 0	3	0 cpm
267A-H602-H1-M-004	30 ± 463	805	N/A	N/A	52 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H602 (4 detail records)									
Average	136				48		0		0 cpm
Minimum	30				34		0		0 cpm
Maximum	268				54		0		0 cpm
Standard Deviation	111				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

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Building System Component Survey Results

Building 267A

Survey Unit H701

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H701-H1-M-001	159 ± 518	890	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H701 (1 detail record)									
Average	159				58		0		0 cpm
Minimum	159				58		0		0 cpm
Maximum	159				58		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit H702****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H702-H1-M-001	-1260 ± 506	955	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-H702-H1-M-002	-1300 ± 504	955	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-H702-H1-M-003	-1200 ± 508	955	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H702 (3 detail records)									
Average	-1253				60		0		0 cpm
Minimum	-1300				50		0		0 cpm
Maximum	-1200				66		0		0 cpm
Standard Deviation	50				9		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A

Survey Unit H703

Class 3

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-H703-H1-M-001	-198 ± 509	897	N/A	N/A	75 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # H703 (1 detail record)									
Average	-198				75		0		0 cpm
Minimum	-198				75		0		0 cpm
Maximum	-198				75		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V001****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-V001-V1-M-001	-392 ± 484	872	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm	
267A-V001-V1-M-002	-106 ± 496	872	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # V001 (2 detail records)										
Average	-249				64		0		0 cpm	
Minimum	-392				60		0		0 cpm	
Maximum	-106				67		0		0 cpm	
Standard Deviation	202				5		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V002****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-V002-V1-M-001	-11 ± 473	826	N/A	N/A	79 ± 38	57	0 ± 0	3	0 cpm	
267A-V002-V1-M-002	487 ± 493	826	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # V002 (2 detail records)										
Average	238				74		0		0 cpm	
Minimum	-11				69		0		0 cpm	
Maximum	487				79		0		0 cpm	
Standard Deviation	352				7		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

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Building System Component Survey Results

Building 267A

Survey Unit V202

Class 3

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V202-V1-M-001	169 ± 488	839	N/A	N/A	77 ± 38	57	0 ± 0	3	0 cpm
Summary for Survey Unit # V202 (1 detail record)									
Average	169				77		0		0 cpm
Minimum	169				77		0		0 cpm
Maximum	169				77		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V501****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V501-V1-M-001	-109 ± 476	836	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-V501-V1-M-002	-863 ± 445	836	N/A	N/A	74 ± 38	57	0 ± 0	3	0 cpm
267A-V501-V1-M-003	-843 ± 446	836	N/A	N/A	85 ± 39	57	0 ± 0	3	0 cpm
267A-V501-V1-M-004	-1012 ± 438	836	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-V501-V1-M-005	-79 ± 477	836	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-V501-V1-M-006	-575 ± 457	836	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-V501-V1-M-007	-387 ± 465	836	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-V501-V1-M-008	-278 ± 469	836	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-V501-V1-M-009	-615 ± 455	836	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-V501-V1-M-010	-635 ± 454	836	N/A	N/A	71 ± 37	57	0 ± 0	3	0 cpm
<i>Summary for Survey Unit # V501 (10 detail records)</i>									
Average	-540				69		0		0 cpm
Minimum	-1012				58		0		0 cpm
Maximum	-79				85		0		0 cpm
Standard Deviation	321				7		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V502****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V502-V1-M-001	-149 ± 506	888	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-V502-V1-M-002	-357 ± 498	888	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-V502-V1-M-003	-774 ± 482	888	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-V502-V1-M-004	-357 ± 498	888	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-V502-V1-M-005	-843 ± 479	888	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # V502 (5 detail records)									
Average	-496				63		0		0 cpm
Minimum	-843				54		0		0 cpm
Maximum	-149				73		0		0 cpm
Standard Deviation	299				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V601****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V601-V1-M-001	-258 ± 448	801	N/A	N/A	66 ± 37	57	0 ± 0	3	0 cpm
267A-V601-V1-M-002	-813 ± 424	801	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-003	-863 ± 422	801	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-004	-615 ± 433	801	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-V601-V1-M-005	-565 ± 401	746	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-006	-407 ± 408	746	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-V601-V1-M-007	-139 ± 421	746	N/A	N/A	49 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-008	327 ± 473	801	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-009	-704 ± 429	801	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-V601-V1-M-010	-337 ± 445	801	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-V601-V1-M-011	-337 ± 445	801	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-012	-536 ± 437	801	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-V601-V1-M-013	-198 ± 451	801	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-014	-496 ± 438	801	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-V601-V1-M-015	437 ± 479	805	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # V601 (15 detail records)									
Average	-367				60		0		0 cpm
Minimum	-863				49		0		0 cpm
Maximum	437				70		0		0 cpm
Standard Deviation	371				7		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V602****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V602-V1-M-001	-99 ± 458	805	N/A	N/A	73 ± 38	57	0 ± 0	3	0 cpm
267A-V602-V1-M-002	-129 ± 456	805	N/A	N/A	253 ± 50	57	0 ± 0	3	0 cpm
267A-V602-V1-M-003	-595 ± 437	805	N/A	N/A	65 ± 37	57	0 ± 0	3	0 cpm
267A-V602-V1-M-004	-466 ± 442	805	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-V602-V1-M-005	-198 ± 454	805	N/A	N/A	72 ± 38	57	0 ± 0	3	0 cpm
267A-V602-V1-M-006	-188 ± 454	805	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-V602-V1-M-007	-288 ± 450	805	N/A	N/A	67 ± 37	57	0 ± 0	3	0 cpm
267A-V602-V1-M-008	-208 ± 453	805	N/A	N/A	78 ± 38	57	0 ± 0	3	0 cpm
267A-V602-V1-M-009	20 ± 463	805	N/A	N/A	50 ± 36	57	0 ± 0	3	0 cpm
267A-V602-V1-M-010	-159 ± 455	805	N/A	N/A	68 ± 37	57	0 ± 0	3	0 cpm
267A-V602-V1-M-011	-417 ± 444	805	N/A	N/A	55 ± 36	57	0 ± 0	3	0 cpm
267A-V602-V1-M-012	109 ± 466	805	N/A	N/A	44 ± 35	57	0 ± 0	3	0 cpm
Summary for Survey Unit # V602 (12 detail records)									
Average	-218				79		0		0 cpm
Minimum	-595				44		0		0 cpm
Maximum	109				253		0		0 cpm
Standard Deviation	200				56		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V701****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V701-V1-M-001	-258 ± 503	890	N/A	N/A	48 ± 36	57	0 ± 0	3	0 cpm
267A-V701-V1-M-002	-645 ± 488	890	N/A	N/A	41 ± 35	57	0 ± 0	3	0 cpm
267A-V701-V1-M-003	-774 ± 483	890	N/A	N/A	53 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # V701 (3 detail records)									
Average	-559				47		0		0 cpm
Minimum	-774				41		0		0 cpm
Maximum	-258				53		0		0 cpm
Standard Deviation	268				6		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V702****Class 2**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267A-V702-V1-M-001	-506 ± 534	955	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-002	-1359 ± 502	955	N/A	N/A	69 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-003	-1577 ± 494	955	N/A	N/A	64 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-004	-2014 ± 477	955	N/A	N/A	58 ± 36	57	0 ± 0	3	0 cpm
267A-V702-V1-M-005	-1200 ± 508	955	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-006	-1538 ± 495	955	N/A	N/A	54 ± 36	57	0 ± 0	3	0 cpm
267A-V702-V1-M-007	-1746 ± 487	955	N/A	N/A	57 ± 36	57	0 ± 0	3	0 cpm
267A-V702-V1-M-008	-1657 ± 491	955	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-V702-V1-M-009	-1815 ± 485	955	N/A	N/A	70 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-010	-1399 ± 501	955	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-011	-1994 ± 477	955	N/A	N/A	85 ± 39	57	0 ± 0	3	0 cpm
267A-V702-V1-M-012	-1349 ± 503	955	N/A	N/A	62 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-013	-1488 ± 497	955	N/A	N/A	63 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-014	-1012 ± 515	955	N/A	N/A	59 ± 36	57	0 ± 0	3	0 cpm
267A-V702-V1-M-015	-1240 ± 507	955	N/A	N/A	56 ± 36	57	0 ± 0	3	0 cpm
267A-V702-V1-M-016	-1220 ± 507	955	N/A	N/A	60 ± 37	57	0 ± 0	3	0 cpm
267A-V702-V1-M-017	-972 ± 517	955	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # V702 (17 detail records)									
Average	-1417				62		0		0 cpm
Minimum	-2014				51		0		0 cpm
Maximum	-506				85		0		0 cpm
Standard Deviation	385				8		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results**Building 267A****Survey Unit V703****Class 3**

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>					
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity	
267A-V703-V1-M-001	-1409 ± 462	897	N/A	N/A	51 ± 36	57	0 ± 0	3	0 cpm	
267A-V703-V1-M-002	-1339 ± 465	897	N/A	N/A	111 ● 41	57	0 ± 0	3	0 cpm	
Summary for Survey Unit # V703 (2 detail records)										
Average	-1374				81		0		0 cpm	
Minimum	-1409				51		0		0 cpm	
Maximum	-1339				111		0		0 cpm	
Standard Deviation	49				42		0		0 cpm	

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Building System Component Survey Results

Building 267A Building Summary

Location Code	<u>Total Activity Measurements</u>		<u>Removable Activity Measurements</u>		
	<u>Beta Activity</u>	<u>Gamma Activity</u>	<u>Channel 1 Activity</u>	<u>Channel 2 Activity</u>	<u>Channel 3 Activity</u>
Summary for Building # 267A (321 detail records)					
Average	-346		63	0	0 cpm
Minimum	-2014		27	0	0 cpm
Maximum	1538		253	0	0 cpm
Standard Deviation	561		16	0	0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Final Status Survey QA Results

Building 267Q	Survey Unit 0201				Class 2				
Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267Q-0201-F1-M-001	357 ± 479	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-002	427 ± 482	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-003	159 ± 472	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-004	228 ± 474	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-005	317 ± 478	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-006	-60 ± 463	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-007	40 ± 467	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-008	317 ± 478	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-009	-10 ± 465	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-010	69 ± 468	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-011	357 ± 479	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-012	-30 ± 464	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-013	-139 ± 459	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-014	208 ± 474	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-015	60 ± 467	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-016	317 ± 478	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-017	159 ± 472	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-018	119 ± 470	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-0201-F1-M-019	248 ± 475	810			0 ± 31	57	0 ± 0	3	0 cpm
Summary for Survey Unit # 0201 (19 detail records)									
Average	166				0		0		0 cpm
Minimum	-139				0		0		0 cpm
Maximum	427				0		0		0 cpm
Standard Deviation	162				0		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Final Status Survey QA Results

Building 267Q	Survey Unit 0503				Class		
Location Code	Total Activity Measurements				Removable Activity Measurements		
	Beta		Gamma		Channel 1	Channel 2	Channel 3
	Activity	MDC	Activity	MDC	Activity MDC	Activity MDC	Activity
267Q-0503-F1-M-001	N/A	N/A			67 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-002	N/A	N/A			72 ± 38 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-003	N/A	N/A			79 ± 38 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-004	N/A	N/A			58 ± 36 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-005	N/A	N/A			74 ± 38 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-006	N/A	N/A			61 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-007	N/A	N/A			87 ± 39 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-008	N/A	N/A			59 ± 36 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-009	N/A	N/A			60 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-010	N/A	N/A			63 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-011	N/A	N/A			55 ± 36 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-012	N/A	N/A			67 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-013	N/A	N/A			57 ± 36 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-014	N/A	N/A			69 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-015	N/A	N/A			83 ± 38 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-016	N/A	N/A			68 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-017	N/A	N/A			55 ± 36 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-018	N/A	N/A			68 ± 37 57	0 ± 0 3	0 cpm
267Q-0503-F1-M-019	N/A	N/A			51 ± 36 57	0 ± 0 3	0 cpm
Summary for Survey Unit # 0503 (19 detail records)							
Average					66	0	0 cpm
Minimum					51	0	0 cpm
Maximum					87	0	0 cpm
Standard Deviation					10	0	0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Final Status Survey QA Results

Building 267Q	Survey Unit D201				Class 2				
Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>	<u>Channel 3</u>	
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	
267Q-D201-D1-M-001	-149 ± 439	\$10			0 ± 31	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D201 (1 detail record)									
Average	-149				0		0		0 cpm
Minimum	-149				0		0		0 cpm
Maximum	-149				0		0		0 cpm
Standard Deviation									cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Final Status Survey QA Results

Building 267Q	Survey Unit D503				Class 3				
Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>	<u>Channel 2</u>	<u>Channel 3</u>		
	Activity	MDC	Activity	MDC	Activity	MDC	Activity		
267Q-D503-D1-M-001	N/A	N/A			58 ± 36	57	0 ± 0	3	0 cpm
267Q-D503-D2-M-001	N/A	N/A			55 ± 36	57	0 ± 0	3	0 cpm
Summary for Survey Unit # D503 (2 detail records)									
Average					57		0		0 cpm
Minimum					55		0		0 cpm
Maximum					58		0		0 cpm
Standard Deviation					2		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

Final Status Survey QA Results

Building 267Q

Survey Unit G201

Class 2

Location Code	<u>Total Activity Measurements</u>				<u>Removable Activity Measurements</u>				
	<u>Beta</u>		<u>Gamma</u>		<u>Channel 1</u>		<u>Channel 2</u>		<u>Channel 3</u>
	Activity	MDC	Activity	MDC	Activity	MDC	Activity	MDC	Activity
267Q-G201-G1-M-001	238 ± 475	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-G201-G1-M-002	-30 ± 464	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-G201-G1-M-003	-327 ± 451	810			0 ± 31	57	0 ± 0	3	0 cpm
267Q-G201-G1-M-004	-298 ± 453	810			0 ± 31	57	0 ± 0	3	0 cpm
Summary for Survey Unit # G201 (4 detail records)									
Average	-104				0		0		0 cpm
Minimum	-327				0		0		0 cpm
Maximum	238				0		0		0 cpm
Standard Deviation	265				0		0		0 cpm

Note 1: All results are in units of dpm/100cm² except as otherwise noted.

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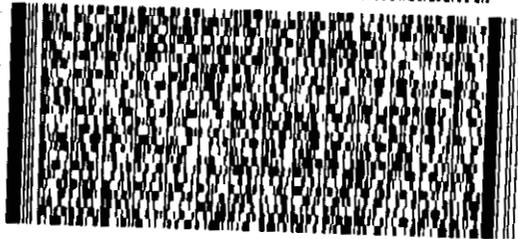
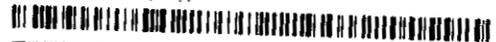
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