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RADIATION PHYSICS

ROBERT S. WENSTRUP, PH.D.

AREA CODE 617 273-8156
CABLE ADDRESS: LAHEYCLIN

MS 16
P9

April 30, 1985

Mr. Edwin Wurtz
Nuclear Materials Section B
Nuclear Regulatory Commission
Division of Engineering and
Technical Programs
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Wurtz:

Following our telephone conversation of April 29, 1985, I have made the contamination surveys of the two rooms of the clinical laboratory used for in vitro studies involving Iodine-125 prepackaged kits and small amounts of tritium.

Iodine-125 studies using prepackaged kits were made in room 3G-1. Wipe tests were taken on the surfaces marked in the attached diagram. Wipe tests were made in eight locations; in addition, two wipes were counted to determine background levels. No wipes showed counts statistically above background levels.

Iodine-125 studies using prepackaged kits were also performed in room 3G-13. Wipe tests were taken at the locations marked on the accompanying diagram. Eight wipe test samples were taken and two tissues were placed in the counter as controls. No wipe tests show counts statistically above background levels.

Wipe tests were also made at four locations in room 3G-13 where tritium was used. The wipe tests were placed in scintillation material and counted with two additional samples as controls. The wipe tests did not indicate any tritium levels statistically above background levels. The location of each wipe test is shown on the accompanying diagram of room 3G-13.

LAHEY CLINIC FOUNDATION, INC.

ML10

03479

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LAHEY CLINIC HOSPITAL, INC.

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MAY 06 1985

Enclosed are plan views showing the wipe test locations in room 3G-1, 3G-13, and a summary of the wipe test results. No residual radioactivity was measured at any wipe test location.

Consequently, we conclude that there is no significant residual contamination requiring removal in either of these rooms. I hope that this decontamination survey satisfies your requirements to release these rooms as controlled areas.

As mentioned in our letter of February 13, 1985, (NCR control #103479) room 3G-9 is now used for Iodine-125 in vitro studies using prepackaged kits, as well as in vitro studies involving minute amounts of tritium.

If you have any questions about this survey, please call me at (617) 273-8166.

Sincerely,

A handwritten signature in dark ink, reading "Robert S. Wenstrup". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Robert S. Wenstrup, Ph.D.
Radiation Safety Officer

RSW/krp
enclosures:

WIPE TEST SURVEY RESULTS - APRIL 30, 1985

ROOM 3G-1

MEASURED SURFACE CONTAMINATION - I-125

Sample #:

(dpm/100cm²)

1	72
2	72
3	66
4	47
5	55
6	59
7	47
8	64
9 (control)	57 (background)
10 (control)	62 (background)

WIPE TEST SURVEY RESULTS - APRIL 30, 1985

ROOM 3G-13

MEASURED SURFACE CONTAMINATION -I-125

Sample #:	(dpm/100cm ²)
1	74
2	69
3	83
4	50
5	60
6	51
7	50
8	60
9 (control)	59 (background)
10 (control)	85 (background)

WIPE TEST SURVEY RESULTS - APRIL 30, 1985

ROOM 3G-13

MEASURED SURFACE CONTAMINATION - I-125

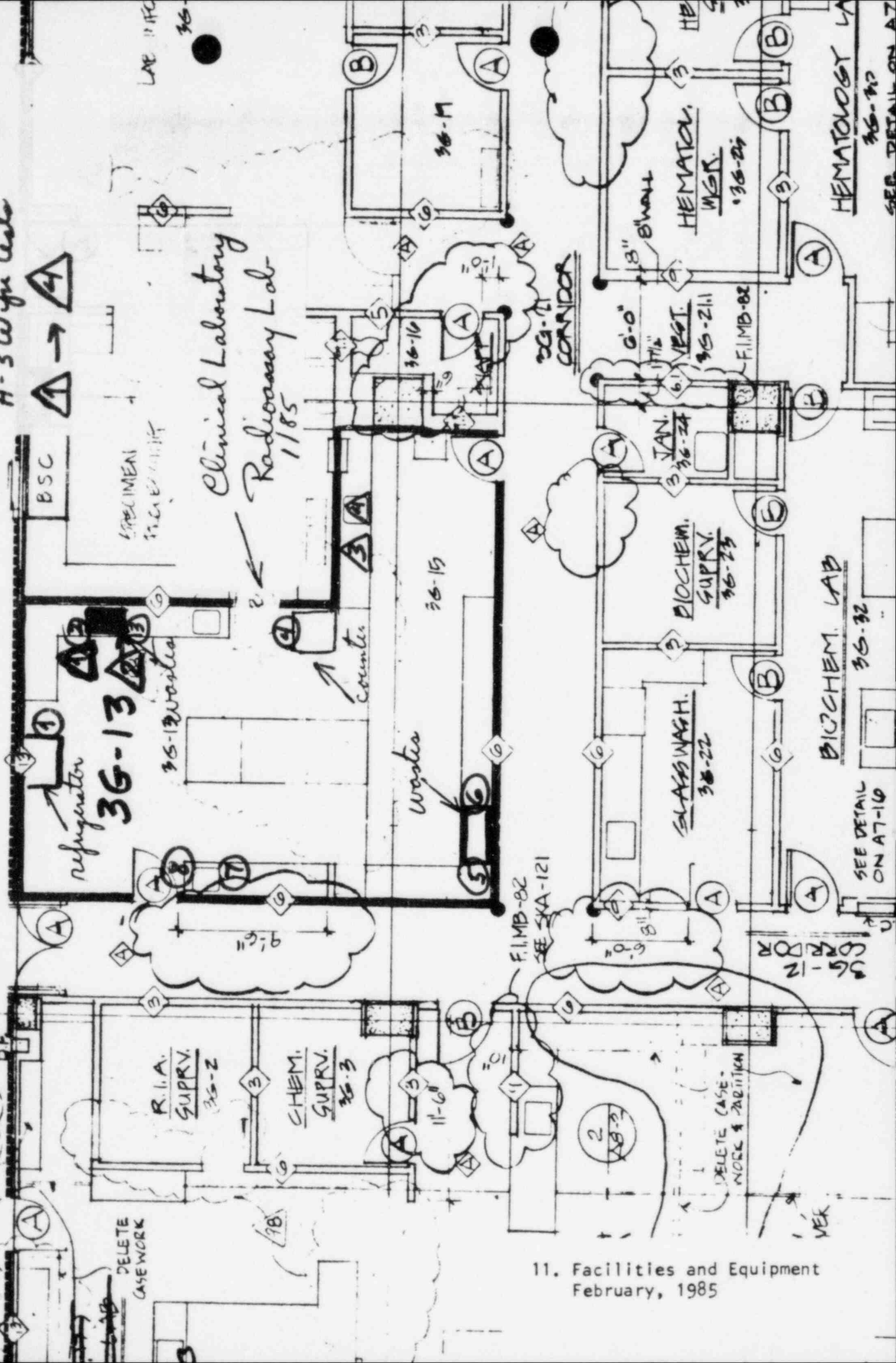
Sample #:

(dpm beta/100cm²)

1	29-
2	22
3	22
4	20
5 (control)	18 (background)
6 (control)	18 (background)

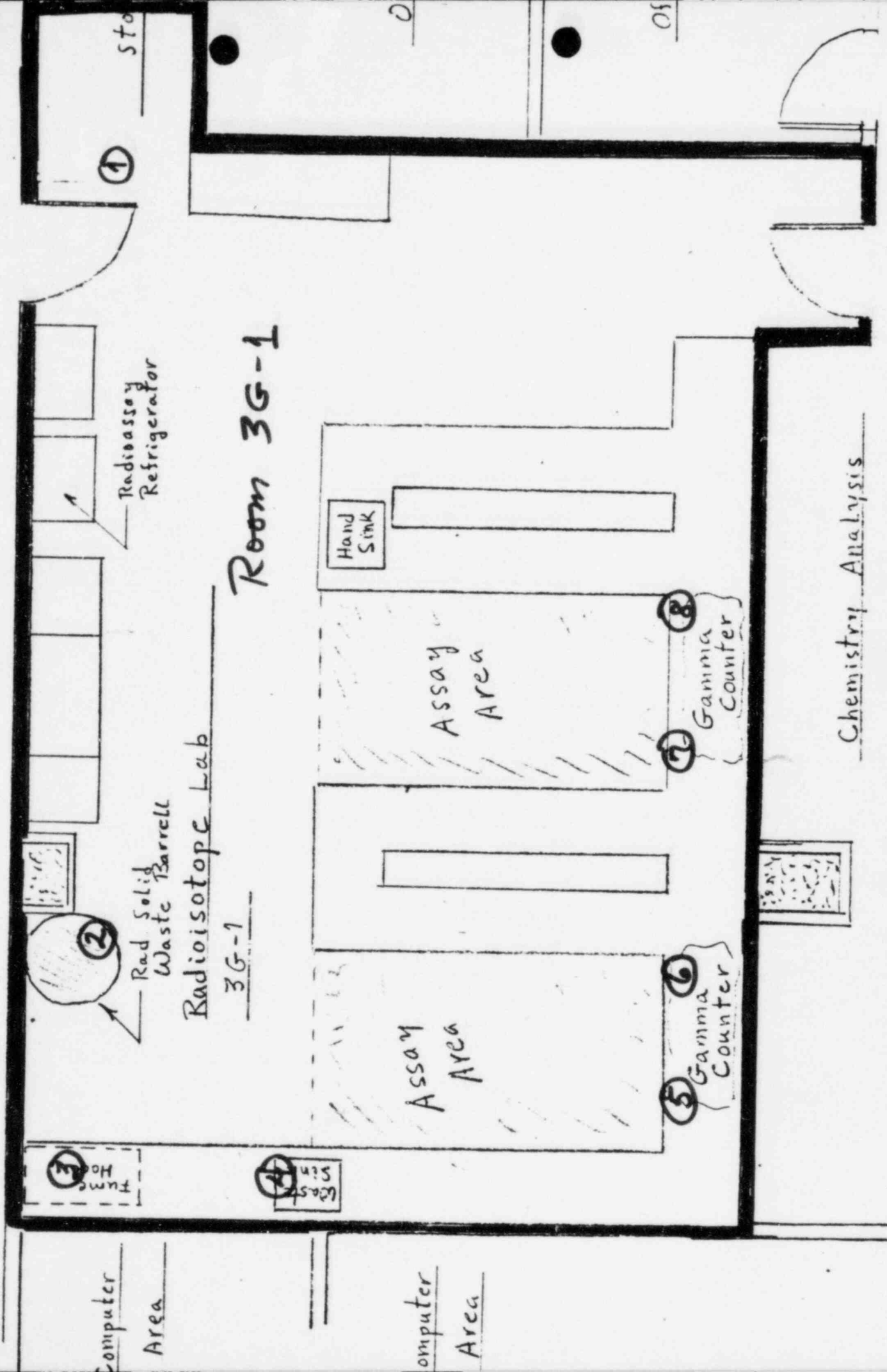
I-125 wipe tests
① → ⑧

H-3 wipe tests
① → ⑧



11. Facilities and Equipment
February, 1985

Main Corridor



4/29/85

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME

9:15

☐ A.M.
☐ P.M.☐ INCOMING CALL☐ OUTGOING CALL☐ VISIT

PERSON CALLING

E. Wurtz

OFFICE/ADDRESS

RI

PHONE NUMBER

EXTENSION

337-5768

PERSON CALLED

Robert S. Wenstrup, PhD

OFFICE/ADDRESS

Lakewood Clinical Medical Center

PHONE NUMBER

EXTENSION

(617) 273-5100

CONVERSATION

SUBJECT

Amendment Deficiency (Telephone)

SUMMARY

- ① Will send in closeout survey of Room 36-1.
- ② Other rooms 2-707, 7-010, & 6-007, although designated as restricted areas were never used for radioactive material except for one room which has low level material stored in a refrigerator

REFERRED TO:

ACTION REQUESTED

ACTION TAKEN

☐ ADVISE ME OF ACTION TAKEN.

INITIALS

DATE

INITIALS

DATE