

VOID SHEET

TO: License Fee Management Branch
FROM: Region III
SUBJECT: VOIDED APPLICATION

Control Number: 89959
Applicant: Cleveland Research Institute
Date Voided: 10/26/90
Reason for Void: _____

Failure of Licensee to respond to
licensure telephone calls.

Kevin G. Nail 10/26/90
Signature Date

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due
- Fee Exempt or Fee Not Required

Comments: _____

Log completed ET
Processed by: ET

ML30

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: PROGRAM CODE: 03620
: STATUS CODE: 0
: FEE CATEGORY: -----
: EXP. DATE: 19950228
: FEE COMMENTS: -----
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: CLEVELAND RESEARCH INSTITUTE
RECEIVED DATE: 900730
DOCKET NO: 3031366
CONTROL NO.: 389959
LICENSE NO.: 34-26075-01
ACTION TYPE: TERMINATION

2. FEE ATTACHED

AMOUNT: -----
CHECK NO.: -----

3. COMMENTS

SIGNED P. Attloff
DATE 8-1-90

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED)

1. FEE CATEGORY AND AMOUNT: -----

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR: **SEE EXEMPT**
AMENDMENT -----
RENEWAL -----
LICENSE -----
Ken

3. OTHER -----

SIGNED EL
DATE 8/1/90

OCT 31 1990

Cleveland Research Institute
ATTN: Anthony J. Valente, Ph.D.
Radiation Safety Officer
2351 East 22nd Street
Cleveland, OH 44115

SUBJECT: REQUEST FOR TERMINATION OF LICENSE NO. 34-26075-01 DATED
JULY 27, 1990 AND OUR REQUEST FOR ADDITIONAL INFORMATION
BY PHONE ON AUGUST 27, 1990.

Gentlemen:

We requested in the above mentioned phone conversation between
Ms. Margaret M. Dannemiller and Mr. Kevin G. Null of our office that you
respond to us with additional information. We requested that you submit
documentation affirming the pick-up of the 55 gallon drum by ADCO Services,
Inc. for disposal.

A check of our files indicate that we have not received a response from you
to date. You are hereby notified that we have voided your request. This
action is without prejudice to resubmission.

If you resubmit the same request within one year of the date of this letter we
will reactivate our review.

Please respond in duplicate and refer to Control Number 89959.

Sincerely,

Original Signed By
Kevin G. Null
Materials Licensing Section

R111

Null/mc
10/30/90

KW

CONVERSATION RECORD

TIME

DATE

10/26/90

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

Susan ?

ADCO Services

708-428-1660

SUBJECT

O/N 89959

SUMMARY

Due to Cleveland Research Institute's failure to provide me with adequate info on the 55 gallon drum & its proposed disposal by ADCO, I contacted Susan ? of ADCO to see if they could provide me with any info. Susan stated that the pick-up is scheduled for ~~two~~ week of Nov. 5.

Because this action is due for completion on October 30, 1990 & as a result of conversations with Bill Adam, I will void this action & instruct licensee to resubmit termination request following proper disposal of remaining waste to ADCO's services.

ACTION REQUIRED

VOID Action

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Kevin G. Null 10/26/90

ACTION TAKEN

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TIME

DATE

10/17/90

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept, bureau, etc.)

TELEPHONE NO.

Robert Danner Miller

SUBJECT

C/N 89959

SUMMARY

I called to ✓ on status of 55 gotten down which was supposed to be picked up by A&CO services. Mrs. Danner Miller stated that it is scheduled for pick-up early part of next week. I asked her to FAX copy of receipt supplied by A&CO after pick-up is made. I will call her back 10/23 if I have not received fax by this date

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Kim O. Hill

10/17/90

ACTION TAKEN

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TIME

DATE

6/23/50

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

Margaret Donnell

SUBJECT

(N) 89959

SUMMARY

1) Has ADco picked up 55 gal. drum yet?

Reply: No. They report pick-up ~~will~~ some time this week.

I will hold this action until we receive confirmation that ADco has picked up the 55 gal. drum.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Kim S. Mill

6/23/50

ACTION TAKEN

SIGNATURE

TITLE

DATE

CARDIOVASCULAR RESEARCH CENTER

CLEVELAND RESEARCH INSTITUTE

2351 EAST 22ND STREET

CLEVELAND, OHIO 44115

363-2540

US Nuclear Regulatory Commission
Region III
Attn William J Adam, Ph.D.
Materials Licensing Section,
799 Roosevelt Rd,
Glen Ellyn, IL 60137

ANTHONY J. VALENTE, Ph.D.

SENIOR SCIENTIST

July 27, 1990

Sir,

Enclosed is NRC form 314, a Certificate of Disposition of Materials and request for termination of license 34-26075-01 awarded to the Cleveland Research Institute February 28, 1990. Attached is information relating to the final meter survey and wipe tests conducted on July 26, 1990. I would like to point out that isotopes were only stored or used in rooms 202, 203, 205 and 211 of the Cleveland Research Institute. The appropriate surveys were only carried out in those areas potentially at risk of contamination. Waste for final disposal has been collected in an approved 55 gal drum and is held in a secure place until it can be picked up for disposal by ADCO Services Inc. of Tinley Park, IL (August 9 is the earliest pickup date).

Should you require further information concerning this request for termination of license, please contact Ms Margaret Dannemiller, Director of Operations at the above address (Tel. 216-363-2540).

Sincerely,

Anthony J. Valente
Anthony J Valente PhD.
Radiation Safety Officer.

RECEIVED
JUL 30 1990
REGION III

ay/10
FEE EXEMPT
ten

JUL 30 1990

CONTROL NO.

89959

CERTIFICATE OF DISPOSITION OF MATERIALS

(All items MUST be completed, please print)

FILE CERTIFICATES AS FOLLOWS

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
 NUCLEAR MATERIALS SAFETY SECTION B
 475 ALLENDALE ROAD
 KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
 NUCLEAR MATERIALS SAFETY SECTION
 101 MARIETTA STREET, SUITE 2900
 ATLANTA, GA 30323

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
 MATERIALS LICENSING SECTION
 798 ROOSEVELT ROAD
 GLEN ELLYN, IL 60137

IF YOU ARE LOCATED IN:

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
 MATERIAL RADIATION PROTECTION SECTION
 611 RYAN PLAZA DRIVE, SUITE 1000
 ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
 NUCLEAR MATERIALS SAFETY SECTION
 1450 MARIA LANE, SUITE 210
 WALNUT CREEK, CA 94596

LICENSEE NAME AND ADDRESS

CLEVELAND RESEARCH INSTITUTE
 2351 East 22nd Street
 Cleveland, OH 44115

LICENSE NUMBER

34-26075-01

LICENSE EXPIRATION DATE

February 28, 1995

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT: (Check and/or complete the appropriate item(s) below.)

A. MATERIALS DATA (Check one and complete, as necessary)

1. NO MATERIALS HAVE EVER BEEN POSSESSED OR PROCURED BY THE LICENSEE UNDER THIS LICENSE.
- OR
2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON
- | | | |
|--------|-----------------------------------------------------|------------------------------|
| DATE | TO | WHICH HAS NRC LICENSE NUMBER |
| 8/9/90 | ADCO Services Inc. PO Box 35, Tinley Park, Il 60477 | 12-11286501 |
- OR
3. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN TRANSFERRED ON
- | | | | |
|------|----|--------------------------|------------------------|
| DATE | TO | WHICH HAS LICENSE NUMBER | ISSUED BY THE STATE OF |
| | | | |
- OR
4. MATERIALS HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (Describe specific disposal procedures—use the reverse of this form, or provide attachments)

B. OTHER DATA

1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.
2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one)
- NO
- YES, THE RESULTS (Check one)
- ARE ATTACHED, OR
- WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

NAME

Margaret M Dannemiller, Dir of Operations

TELEPHONE NUMBER

(216) 363 2540

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

Margaret M Dannemiller
 Director of Operations
 Cleveland Research Institute, 2351 East 22nd Street, Cleveland OH 44115

CERTIFYING OFFICIAL

PRINTED NAME AND TITLE

Anthony J Valente PhD, RSO

SIGNATURE

Anthony J. Valente

DATE

July 27, 1990

CLEVELAND RESEARCH INSTITUTE

Close Out Survey.

Isotopes

During the period of the license (MARCH 1, 1990 to termination) the following isotopes were employed at the Institute; 5 millicuries Iodine-125, 100 microcuries Carbon-14, and 250 microcuries Hydrogen-3.

Instruments

a) Survey meter. Victoreer Model 491-30, Serial # 2794. Last Calibrated 02/07/90 by NMA, 9457 Midwest Avenue, Cleveland, OH 44125. Tel. (216) 663-7000.

b) Gamma Counter. ICN Micromedic ME Plus. Serial # 560. Calibrated with Simulated Iodine-125 reference source (Iodine-129), equivalent to 0.07 microcuries Iodine-125 on 07/15/88. Dupont Serial # NES-9033-071588-1849.

c) Scintillation Counter. Minaxi Tri-Carb 4000. Serial # 34799. Calibrated with internal Radium-226 source.

Survey.

Wipe tests carried out with Q-tips dampened with distilled water.

Room 202

Only Carbon-14 and Hydrogen-3 were used in this room.

Area Description	Meter Survey mRad/hr Bgd < 0.05	Wipe beta dpm/100cm ² Bgd 9 dpm
1. Fume Hood	< 0.05	0.12
2. Bench	< 0.05	0.07
3. Bench+sink	< 0.05	0
4. Bench	< 0.05	0.01
5. Bench	< 0.05	0.01
6. Bench+HPLC	< 0.05	0
7. Bench	< 0.05	0
8. Work table	< 0.05	0
9. Work table	< 0.05	0
10. Work table	< 0.05	0

Room 203.

Aqueous Iodine-125, Carbon-14 and Hydrogen-3 liquid waste were discarded in the sink in this room.

Area Description	Meter Survey mRad/hr Bgd < 0.05	Wipe gamma dpm/100cm ² Bgd 10 dpm	Wipe beta dpm/100cm ²
1. Fume Hood	< 0.05	0.08	0.06
2. Bench	< 0.05	0.21	0.12
3. Bench+sink	< 0.05	4.56	0.06
4. Bench	< 0.05	0.57	0

Room 205.

Only Iodine-125 was used in this room.

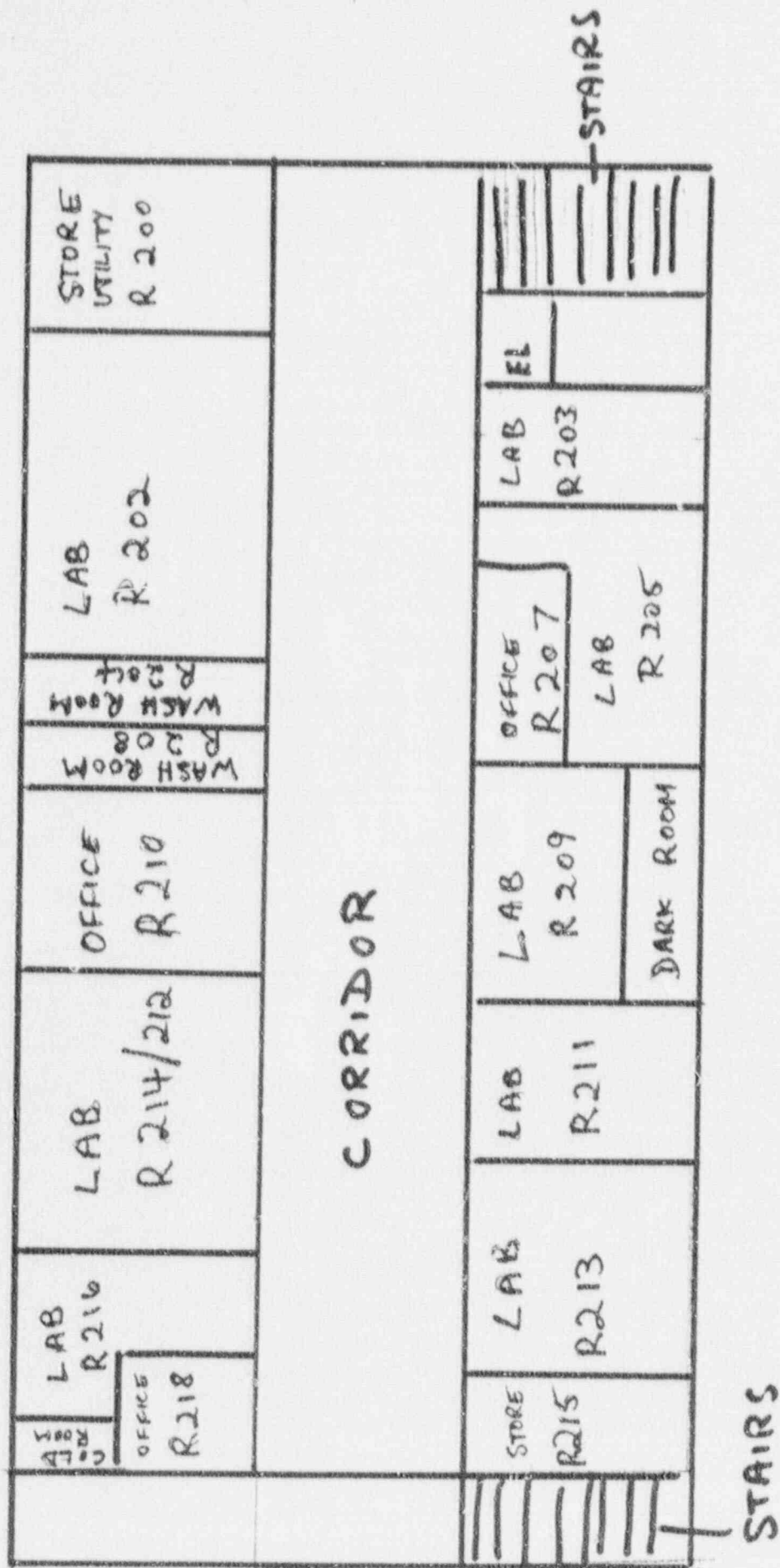
Area Description	Meter Survey mRad/hr Bgd < 0.05	Wipe Test dpm/100 cm ² Bgd 18 dpm
1. Fume Hood	< 0.05	0.2
2. Bench	< 0.05	0
3. Bench+sink	< 0.05	0.4
4. Bench	< 0.05	0.7
5. Bench	< 0.05	0
6. Bench+microfuge	< 0.05	0
7. Bench	< 0.05	0
8. Bench+sink	< 0.05	0
9. Work table	< 0.05	0.2
10. Work Table	< 0.05	0
11. Fridge/freezer	< 0.05	0
12. Floor nr hood	< 0.05	0.1

Room 211

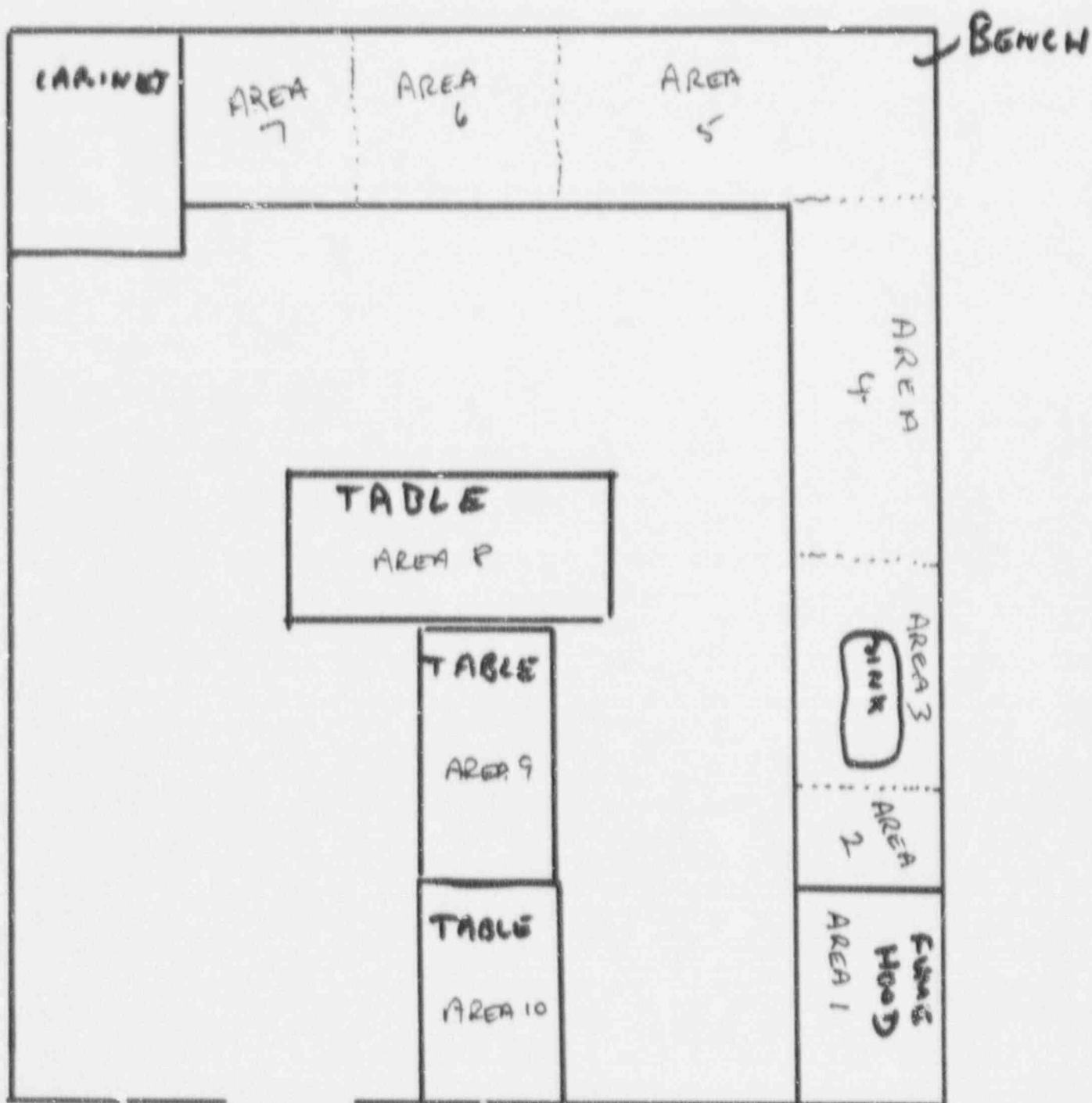
Samples carried to this room for routine counting only. Sink not used for liquid waste disposal.

Area Description	Meter Survey mRad/hr Bgd < 0.05	Wipe gamma dpm/100cm ² 8 dpm	Wipe beta dpm/100cm ² 9 dpm
1. Bench	< 0.05	Not done	0.12
2. Minaxi counter + table	< 0.05	Not done	0
3. ICN gamma counter + table	< 0.05	0.1	Not Done
4. Desk	< 0.05	0.06	Not Done

CLEVELAND RESEARCH INSTITUTE
 2nd FLOOR - GENERAL PLAN

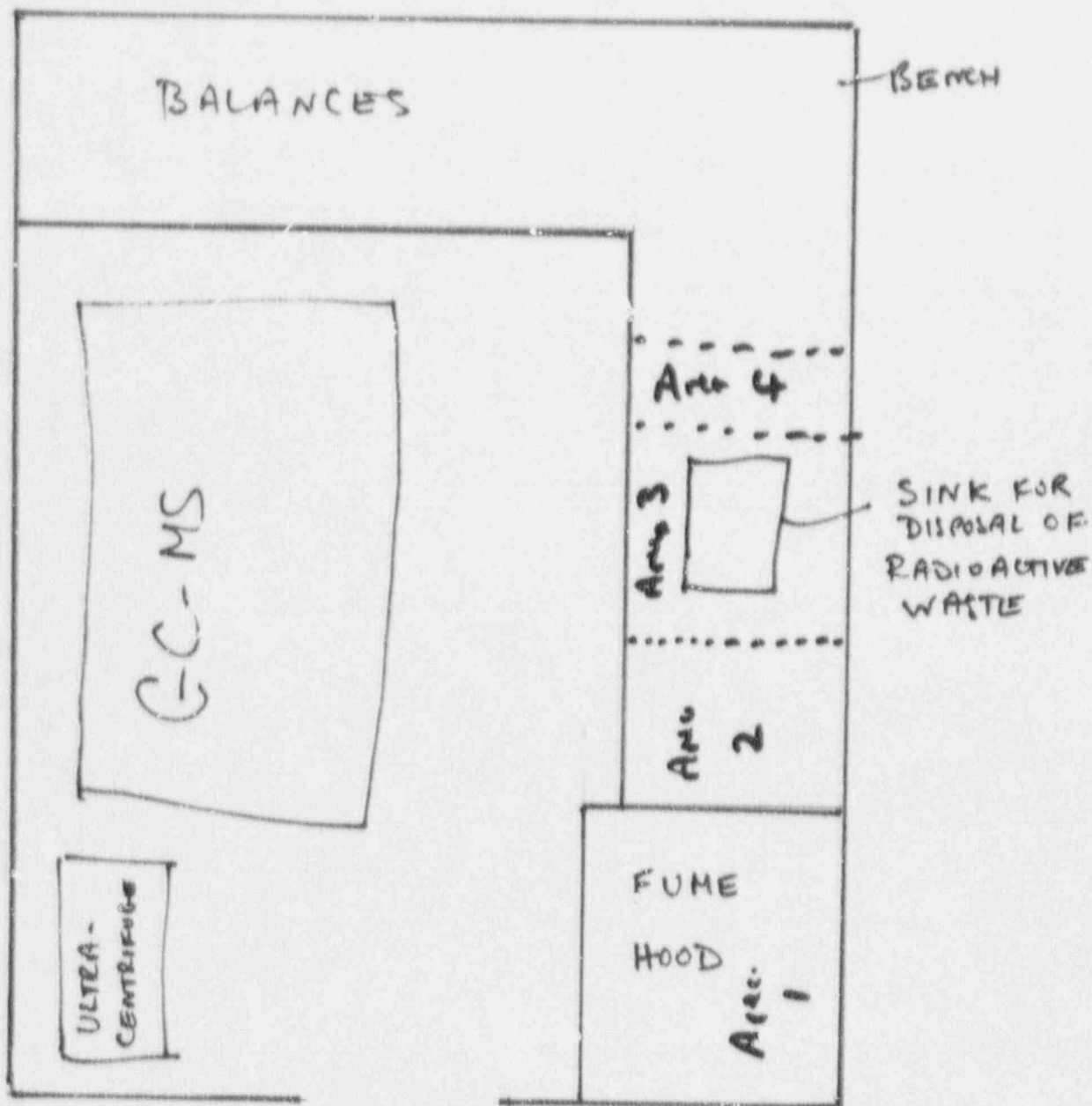


CLEVELAND RESEARCH INSTITUTE
Room 202 - 2nd Floor



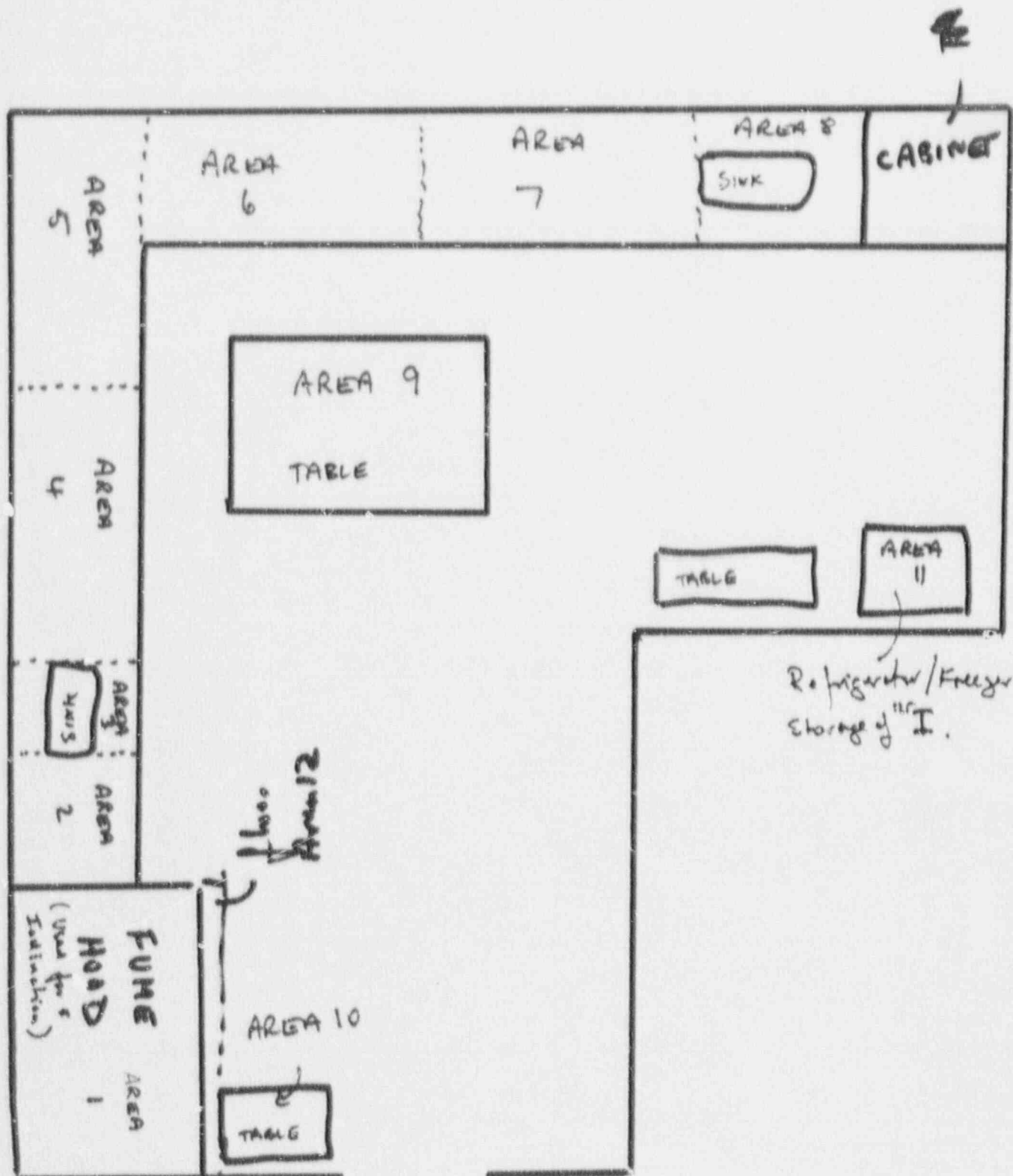
CLEVELAND RESEARCH INST.

Room 203 - 2nd Floor.



CONTROL NO. 89959

CLEVELAND RESEARCH INST.
ROOM 205 - 2nd FLOOR



CLEVELAND RESEARCH INSTITUTE

Room 211 - 2nd Floor

