RTP ENVIRONMENTAL ASSOCIATES, INC.
AIR • WATER • SOLID WASTE CONSULTANTS
239 U.S. Highway 22 East
Green Brook, New Jersey 08812-1909
(www.rtpenv.com)
(732) 968-9600
Fax: (732) 968-5279

March 13, 2006

MSLG
J-6

Mr. Dennis Lawyer
Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I Office
475 Allendale Road
King of Prussia, PA 19406-1415

RECEIVED
REGION 1
2006 MAR 16 AM 10: 39

Re: Honeywell International, Inc 101 Columbia Road Morristown, NJ 07962
License No. 29-00040-10
Control No. 137670 03011981

Dear Mr. Lawyer:

In response to your last correspondence dated November 30, 2005 and our recent telephone conversation on March 6, 2006 please find the following listed items and attachments for your review. This continued effort is for the decommissioning of the above referenced licensee.

1. Please refer to the enclosed inventory list for information regarding unsealed licensed materials used at the facility. The unsealed sources table indicates where the materials were used and when surveys were conducted. Results from the March 29, 1995 wipe survey are included with this submittal. Please note we are currently making final survey arrangements for the lead-lined storage box which held material as noted on the inventory list.
2. Following your suggestion, we contacted Agilent, the recipient of the HP Electron Capture Detector Model 19235, Serial # L1897 and identified the last wipe test conducted on December 17, 2003. Please also refer to the inventory list for the sealed source as well as the Agilent report enclosed with this submittal.
3. Per your request the environmental assessment should reflect the following information:
    a. Facility Name is Honeywell International, Inc located at 101 Columbia Road Morristown, NJ 07962
    b. As indicated on the enclosed inventory list and the site schematic, the DEV Building Labs 4, 7, & 8 were former material usage areas. The size of the DEV Building Lab 4 is 550 square feet. The size of Lab 7 & 8 is 1125 square feet.
    c. The area was used for R&D laboratory purposes.
    d. The surrounding area is a mix of industrial/R&D parks and corporate centers, with some commercial properties and residential properties in the vicinity.
    e. On September 18, 2003 the NRC was notified that the facility decided to permanently cease all activities authorized by the license. The license currently

137670
NMSS/RGN1 MATERIALS-002

authorizes the storage and preparation for disposal.

4. Additionally, in response to your question regarding the transfer of records:
    a. The facility is not applicable to records pursuant to10 CFR 20.2002 (alternate disposal procedures, including burial authorized prior to January 28, 1981), 20.2003 (disposals to the sanitary sewerage system), 20.2004 (incineration of wastes), 20.2005 (disposal of specific wastes including liquid scintillation cocktail and animal tissue), nor 20.2103(b)(4), evaluations of effluent releases.
    b. The facility is not applicable to records regarding contamination as described in 10 CFR 30.35(g). Therefore the facility has no records to transfer prior to termination of this license.

Should you have any questions regarding this submittal or need any additional information; please do not hesitate to call the undersigned at 732-968-9600.

Sincerely,

RTP ENVIRONMENTAL ASSOCIATES, INC.

Brian L. Lubbert, CCM
Associate Director
Email: lubbert@rtpenv.com

enclosures

c: Mr. Peter Jungfer, Supervisor, Environmental Quality

Honeywell International
NRC History Summary
License Number: 29-00040-10

Inventory List

#1

Material Name	Abbrev	Source Type	End Date	Facility Bldg	Additional Notes
Isotope C-14	^{14}C	Unsealed	4/3/1996*	DEV Bldg Lab 4, 7 & 8	Wipe survey conducted 3-29-1995
Isotope H-3	^{3}H	Unsealed	4/3/1996*		
Isotope P-32	^{32}P	Unsealed	12/1/1993		
Isotope S-35	^{35}S	Unsealed	12/1/1993		
Isotope I-125	^{125}I	Unsealed	12/1/1993		

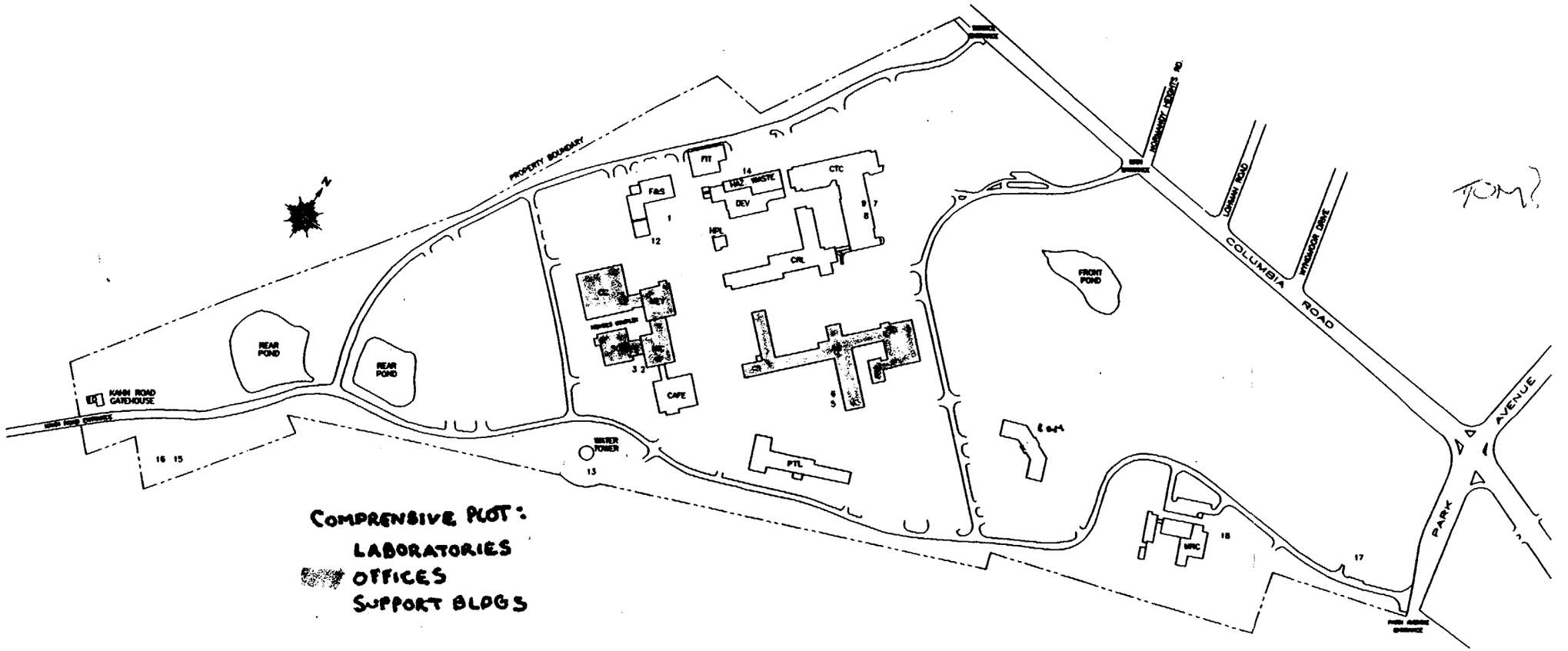
* Reinventory site all remaining material in the radiation waste or storage inventory

#2

Material Name	Abbrev	Source Type	Final Transfer	Last Wipe Test	Additional Notes
Nickel 63	Ni 63	Sealed	12/17/2003	Agilent Report: 12/17/2003	HP Electron Capture Detector Model 19235 Serial # L1897

#3
Designated usage area at Honeywell
DEV Bldg (Labs 4, 7, & 8)
See Site Schematic for Building Location

MORRIS TOWNSHIP CENTER
SITE PLAN



COMPRENSIVE PLOT:
LABORATORIES
OFFICES
SUPPORT BLDGS

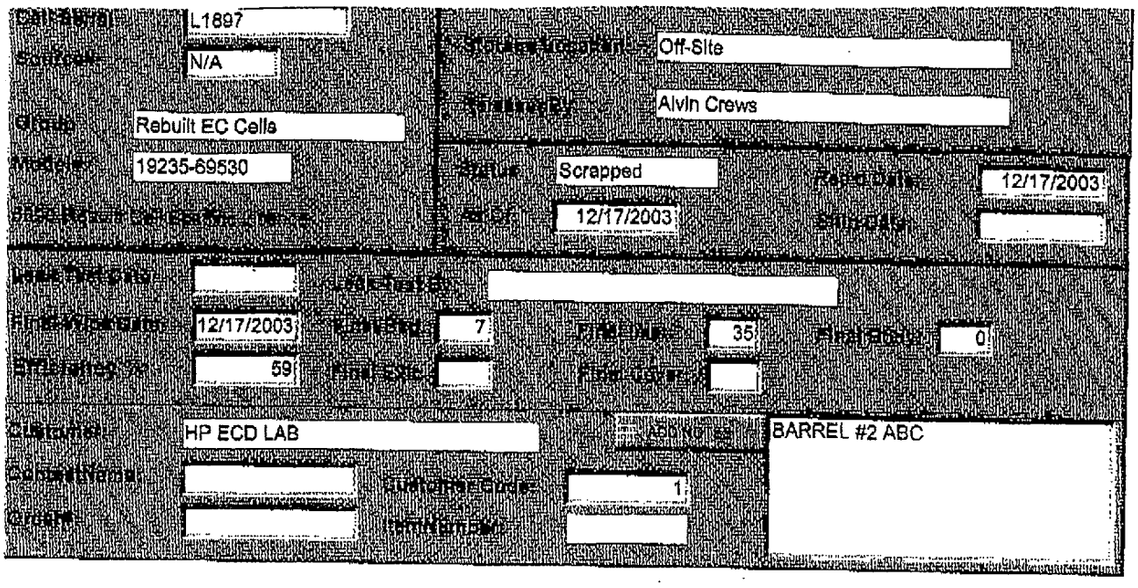
LEGEND

1 F&S 4000-GALLON GASOLINE TANK
2 NICHOLS 20000-GALLON #6 OIL TANK
3 NICHOLS 1500-GALLON #2 OIL TANK
4 NICHOLS 275-GALLON DIESEL TANK
5 AB 20000-GALLON #6 OIL UST
6 AB 1500-GALLON #2 OIL UST
7 CTC 2000-GALLON DIESEL TANK
8 EMERGENCY GENERATOR 275-GALLON DIESEL TANK
9 FIRE PUMP 275-GALLON DIESEL TANK
10 KAHN ROAD GATEHOUSE 275-GALLON #2 OIL TANK
12 F&S PCB-CONTAMINATED TRANSFORMER
13 WATER TOWER NON-PCB TRANSFORMER
14 DEV NON-PCB TRANSFORMER
15 KAHN ROAD BANK 1 NON-PCB TRANSFORMER
16 KAHN ROAD BANK 2 NON-PCB TRANSFORMER
17 MANHOLE 28 NON-PCB TRANSFORMER
18 MANHOLE 29 NON-PCB TRANSFORMER

AB = Administration Building
Complex = Nichols/Meyer/Solvay Computer Center
L&M = Learning/Meeting Center
CRL = Corporate Research Lab
CTC = Corporate Technology Center
DEV = Development
F&S = Facilities and Services
HPL = High Pressure Lab
H&F = Health & Fitness Center
MRC = Materials Research Center
PTL = Plastics Technology Lab
TPL = Thermal Plastics Lab

SCALE
0 SF NW 200' 400' 600' 800' 1000'

AGILENT LEAK TEST


L1897
N/A
Rebuilt EC Cells
19235-69530
Off-Site
Alvin Crews
Scrapped
12/17/2003
12/17/2003
12/17/2003
7
35
0
59
HP ECD LAB
1
BARREL #2 ABC

Source Model No. NBCD

Characteristics of the Sealed Source

Identification

Radioelement - $^{63}_{28}Ni$

Source Plated by:
Isotope Products Laboratory,
Valencia, CA – USA (PN's beginning with G2397)

Or

ABA Technology, plc,
Oxford shire, England-UK (all other P/N's)

ANSI N542 Classification 77C32211 (Equivalent to ISO 2919 Classification, C32211
TYPICAL ACTIVITY: 500 MBq or 13.2 millicuries.

Nominal dimensions of the active part of the detector: Inside diameter: 1.2 cm, Height: 1cm
Maximum activity (not to exceed): 555 MBq or 15 millicuries.
Tested and suitable for use up to 400° C.

Verification Tests

Pressurization Leak Test:

The ECD was pressurized to 16 psi and the leak rate was less than 0.6 psi per minute.

Date of test: 11-08-86 Analyst's Signature not available/sc

Final Wipe Test:

The ECD was tested for surface contamination by means of a wipe test followed by liquid scintillation counting, and the value obtained did not exceed 20 Bq (0.54nCi).

Date of test: 11-08-86 Analyst's Signature Bill Hill /sc

We certify that this sealed source complies with requirements of ANSI N542 and that the above information is correct.

Name & Function: David S. Bennett
Radiation Program Manager
(Radiation Safety Officer, US)

Date: 12-02-05

Signature: D S Bennett

Attention: Do not discard this document!

*Recreated from original date

Revision L
Part No. 5955-9036

RESULTS FROM 3-29-95 WIPE SURVEY

AlliedSignal
ENGINEERED
MATERIALS

Memorandum
Morristown, New Jersey

Date: December 8, 1995

To: Radiation Safety Committee & File

Subject: **RAM Usage at Morristown**

As you are aware, the use of unsealed radiation sources at Morristown has ceased for the time being. Last fall, Paul Stidham and I examined the DEV Building Labs (4, 7, and 8) with Pete Jungfer to review what had been done to remove all RAM and decontaminate them. Pete subsequently did a wipe survey of the labs. The Siemens report (attached for file copy) verify that no measurable contamination remained. We are there for releasing these labs for unrestricted use.

Since there are no current uses of unsealed RAM we are choosing not to conduct radiation training this year. Should a request for usage comes before the committee, we will direct that suitable training be made available at that time.

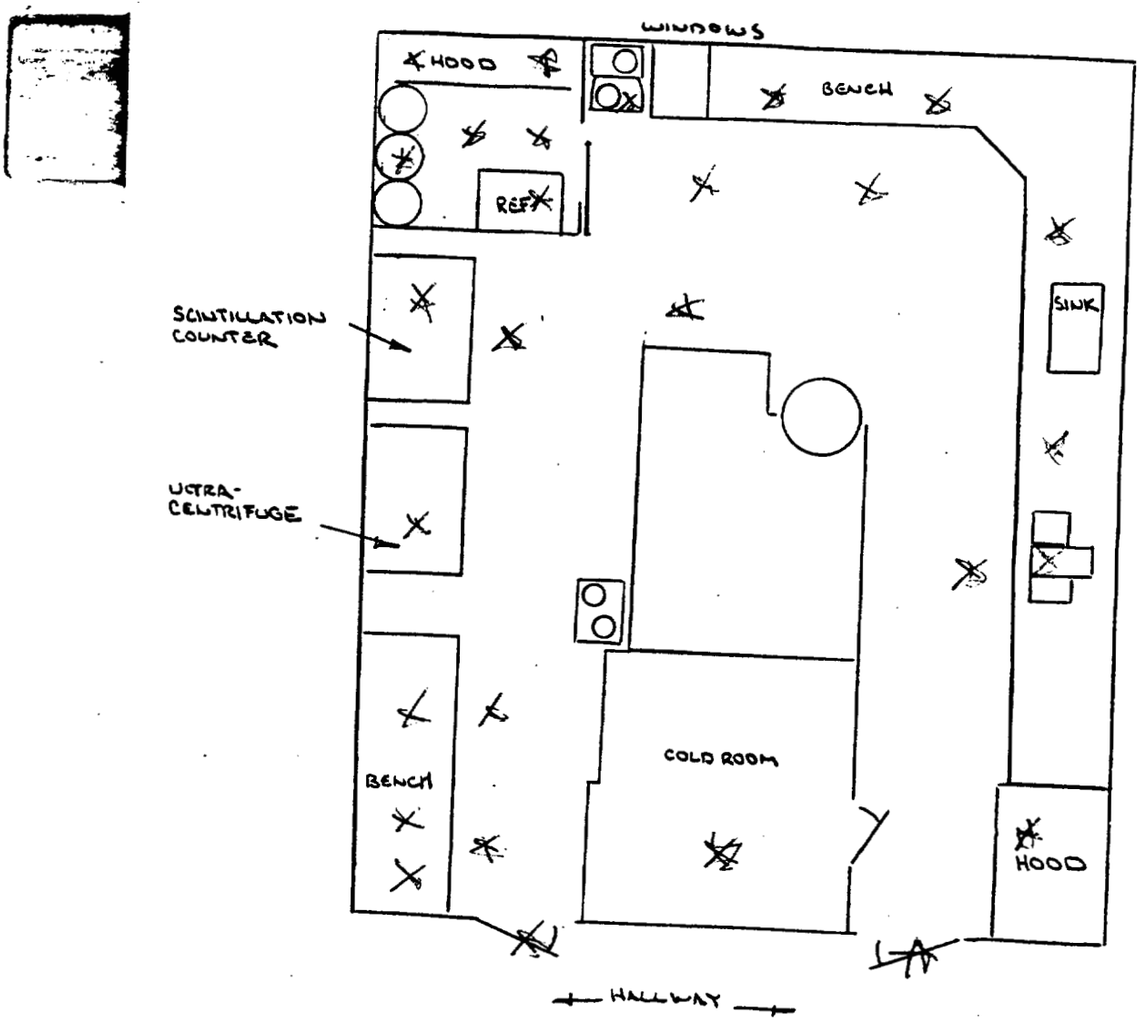
Pete will also contact our Broker to remove any radioactive waste (the very little that remains) that we can while the Barnwell, SC site is available.

Best wishes for the holidays.

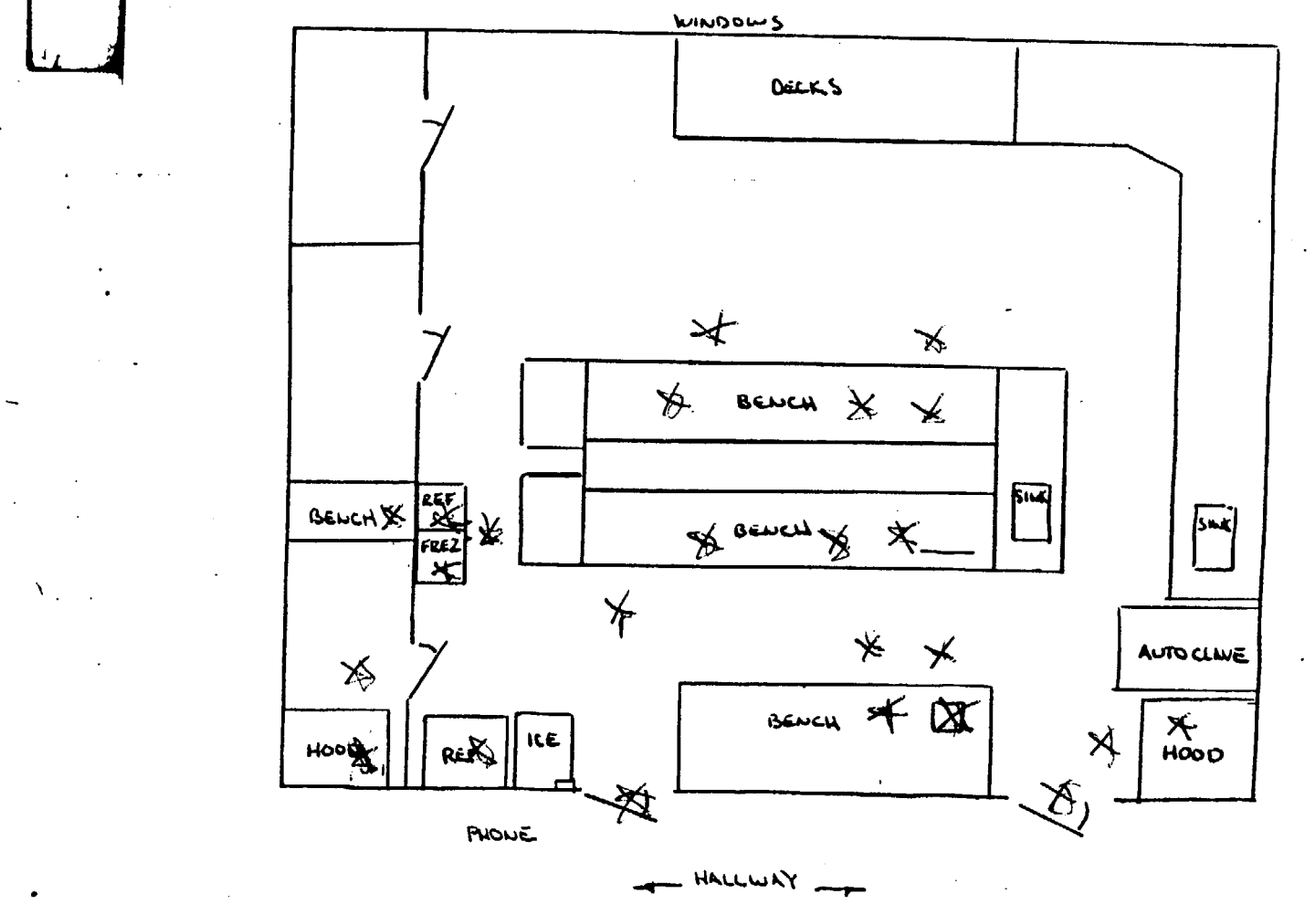
E. J. Freeman
Chairman
Radiation Safety Committee

cc: C. deLacy

DEV-LAB4 3-29-95



DEV LAB 7-8 3-29-95



Honeywell

Fax Transmittal Cover Sheet

Health, Safety & Environmental
Morristown, New Jersey

To:	Ms. Judy Joustra U.S. Nuclear Regulatory Commission Region 1	**From:**	Peter Jungfer
e-mail		**e-mail**	pete.jungfer@honeywell.com
Fax:	610-337-5269	**Pages:**	11 with cover page
Phone:	610-337-5355	**Date:**	3/19/01
Re:	Additional Info to Amendment	**Phone:**	973-455-2621

☐ **Urgent** x **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:**

Judy,

Attached are floor plans and wipe test results conducted 3/29/95 for labs DEV 4,7 and 8. These floor plans were also used as a map to show where gross wipe samples were conducted along with bench and floor areas on 9/11/95 . The time between these surveys no unsealed RAM was being used.

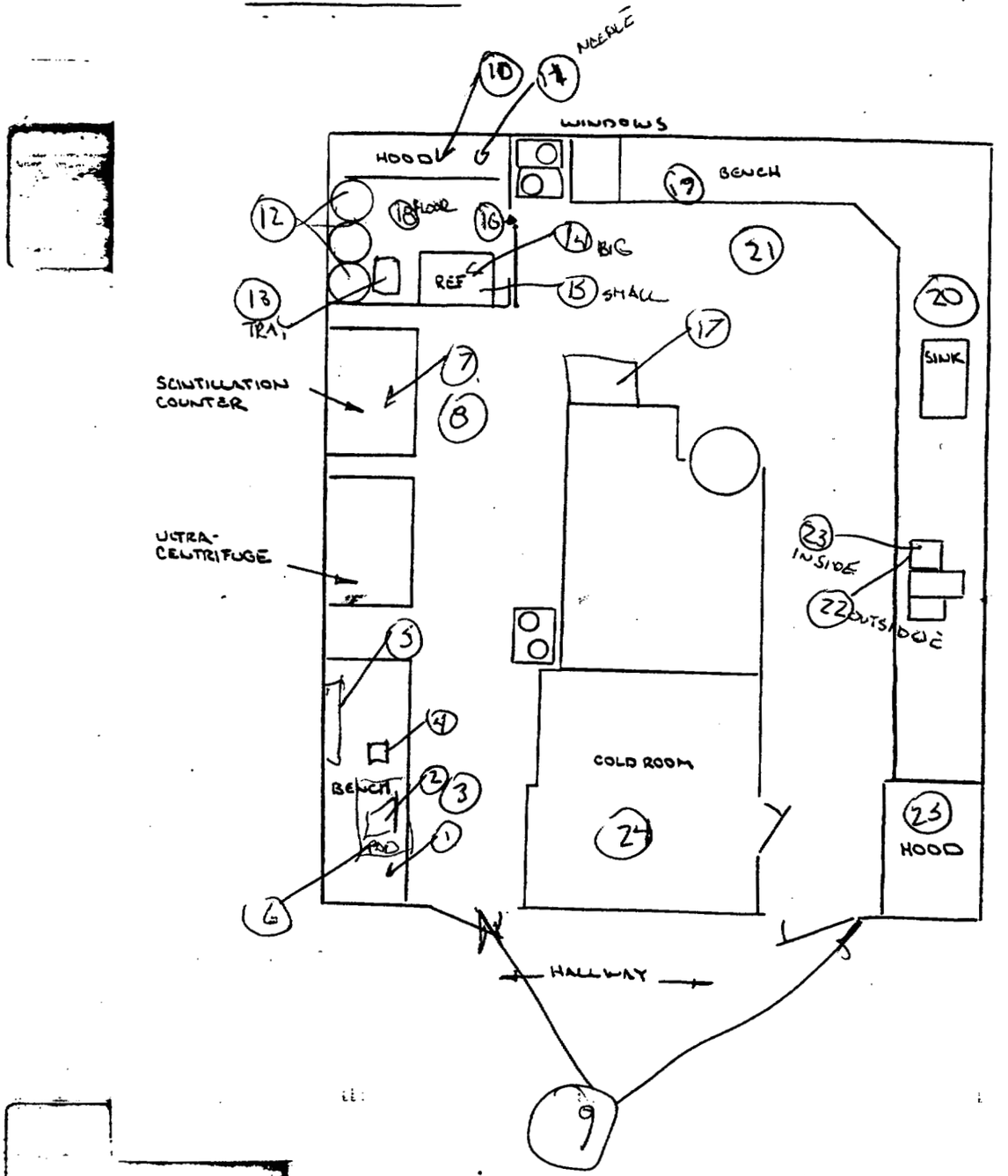
As for calibration information from Siemens which you had asked for, I was not too successful. Apparently Siemens was bought out by ICN Dosimetry Service and did not have Siemens calibration records dated back that far. When I asked for at least calibration procedures they said they could not verify for Siemens.

I hope this helps.

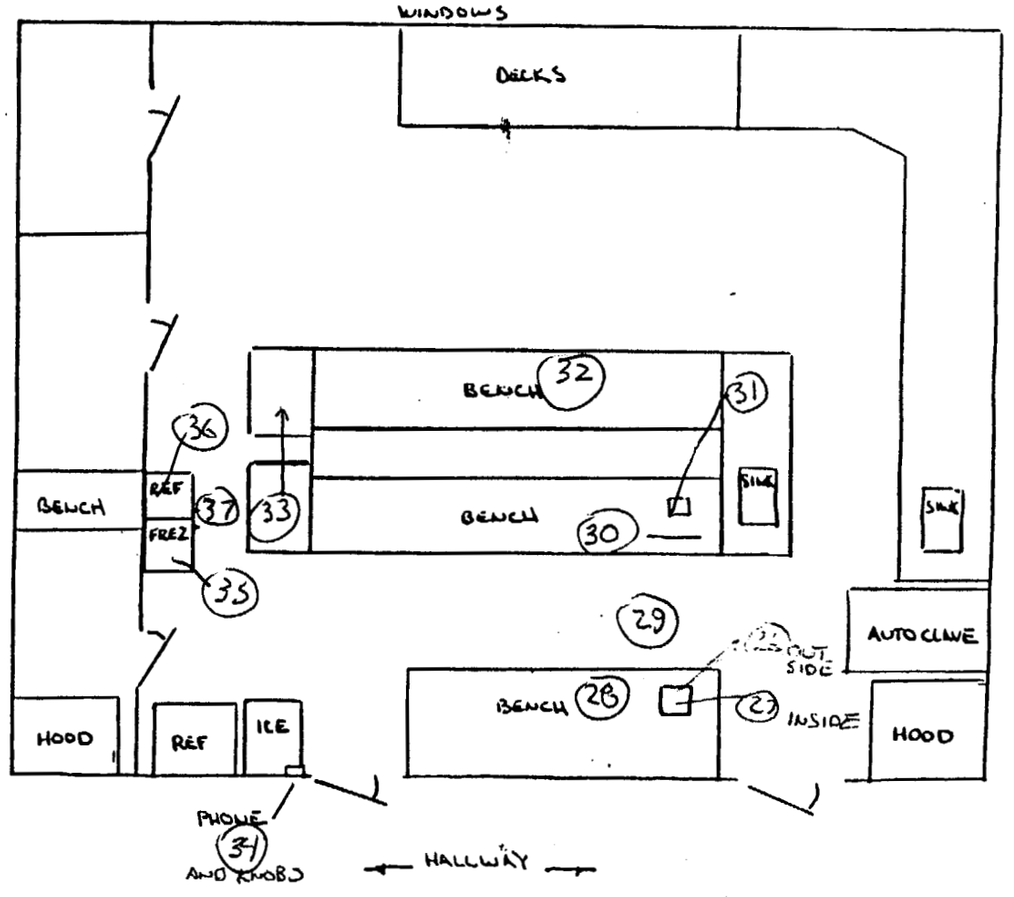
Pete

NOTE 222*

OEV - LAB 4


NEEDLE
WINDOWS
HOOD
BENCH
FLOOR
BIG
REF
SMALL
TRAY
SCINTILLATION COUNTER
ULTRA-CENTRIFUGE
SINK
INSIDE
OUTSIDE
BENCH
PAD
COLD ROOM
HOOD
HALLWAY

DEV LAB 7-8


WINDOWS
DECKS
BENCH
32
31
BENCH
30
SINK
SINK
36
REF
37
33
BENCH
FREZ
35
29
AUTO CLAVE
OUT SIDE
BENCH
28
27
INSIDE
HOOD
HOOD
REF
ICE
PHONE
34
AND KNOBS
HALLWAY

WIPE TEST RESULTS
1st Quarter

TAKEN: 3-29-95

SAMPLE #	LOCATION	RESULTS CPM	RESULTS CPM-BLK	RESULT PCi
1	DEV-4 Bench By Door	45.40	—	<0.0
2	Plexi Shield (RAD)	48.90	2.0	1.0
3	Floor By Bench	42.00	—	<0.0
4	Waste Box (Plexi) inside + out	45.40	—	<0.01
5	Cabinet Handles	48.50	1.6	0.8
6	Pads on Bench	40.70	—	<0.0
7	Inside Scintillation Counter	44.50	—	<0.01
8	Floor in Front of Scincounter	39.60	—	<0.01
9	Door Knobs	48.10	1.2	0.6
10	Inside Hood	48.90	2.0	1.0
11	Rad (Scringe)(Needle)	43.90	—	<0.01
12	Waste Drums Tops	39.70	—	<0.01
13	Tray in Waste Room	56.10	9.2	4.6
14	Big Ref.	222.80	175.9	87.9
15	Small Ref.	100.10	53.2	26.6
16	Waste Room Door KNOB	42.80	—	<0.01
17	Bench By Dark Room ~~KNOB~~	44.70	—	<0.01
18	Waste Room Floor	44.20	—	<0.01
19	Bench By Window	42.50	—	<0.01
20	Bench By Sink	43.80	—	<0.0
21	Floor By Window	44.70	—	<0.01
22	Outside Speed VAC	41.50	—	<0.0
23	Inside Speed VAC	89.70	42.8	21.4
24	COLD ROOM SHELFS / AND RAD EQUIP	44.20	—	<0.0
25	HOOD BY DOOR	43.20	—	<0.0
26	DEV 7/8 Outside Speed VAC	51.20	4.3	2.15
27	Inside Speed VAC	83.30	36.4	18.2
28	Bench By Speed VAC	43.20	—	<0.0
29	Floor By Speed VAC	47.90	1.0	0.5

Cont.

SAMPLE#	LOCATION	RESULTS CPM	RESULTS CPM-BLK	RES Pc
30	Center Bench	42.60	—	<0
31	Waste Plexi Box INSIDE/OUT	46.00	—	<0
32	Center BACKSIDE	44.70	—	<0
33	TOP of WASHERS	49.10	2.2	1.
34	Phone and DOOR KNOBS	42.50	—	<0.
35	Inside/Knob Frez.	56.70	9.8	4.
36	Inside/Knob Ref.	46.80	—	<0.
37	FLOOR By Frez/Ref.	44.50	—	<0.
38	CRLG23 RAD BOX	44.20	—	<0.
39	BLANK BLANK	46.90	—	—

ANALYSS OF WIPES COLLECTED IN DEV WERE PERFORMED ON A BECKMAN LIQUID SCINTILLATION COUNTER MODEL LS-9000 (S/N 7721606) INST. IS ROUTINELY CALIBRATED DURING MAINTENANCE PERFORMED BY MANUF. AND CHECKED AGAINST INTERNAL CALIBRATION STD EFF. FOR P-32 IS 90%

00017

PROG 10 USER 10

CNT CH H12 1 TIMES
CSS 1 TIMES
SCR =NO
AQC =YES
RCM =NO
CALC= 1
PST = 10.00 MIN
QCF = 0 H#
CH 1 2.00 2 SIGMA %
.0 LSR
.0 BKG
.00 2 SIGMA B
0 LL
1000 UL
CH 2 2.00 2 SIGMA %
.0 LSR
.0 BKG
.00 2 SIGMA B
0 LL
800 UL

SAMP	POS	CH	CPM	2S%	TIME	ELTIME	H#
NOTE		222*					
1	3	1	20555.10	1.99	.49	8.58	0
		2	20528.57	1.99			
NOTE		222*					
2	4	1	38515.38	1.99	.26	16.75	0
		2	38492.30	1.99			
NOTE		222*					
3	5	1	45.40	9.38	10.00	34.65	0
	(1)	2	30.80	11.39			
NOTE		222*					
4	6	1	48.90	9.04	10.00	52.55	0
	(2)	2	35.70	10.58			
NOTE		222*					
5	7	1	42.00	9.75	10.00	70.45	0
	(3)	2	29.30	11.67			
NOTE		222*					
6	8	1	45.40	9.38	10.00	88.35	0
	(4)	2	32.90	11.02			
NOTE		222*					
7	9	1	48.50	9.08	10.00	106.25	0
	(5)	2	35.50	10.61			
NOTE		222*					
8	10	1	40.70	9.91	10.00	124.15	0
	(6)	2	28.30	11.88			
NOTE		222*					

00018

SAMP	POS	CH	CPM	2S%	TIME	ELTIME	H#
9	11	1	44.50	9.47	10.00	142.12	0
	(7)	2	32.90	11.02			
NOTE		222*					
10	12	1	39.60	10.05	10.00	159.97	0
	(8)	2	27.80	11.99			
NOTE		222*					
11	13	1	48.10	9.11	10.00	177.87	0
	(9)	2	35.10	10.67			
NOTE		222*					
12	14	1	48.90	9.04	10.00	195.77	0
	(10)	2	33.70	10.89			
NOTE		222*					
13	15	1	43.90	9.54	10.00	213.67	0
	(11)	2	30.40	11.46			
NOTE		222*					
14	16	1	39.70	10.03	10.00	231.57	0
	(12)	2	28.20	11.90			
NOTE		222*					
15	17	1	56.10	8.44	10.00	249.47	0
	(13)	2	43.50	9.58			
NOTE		222*					
16	18	1	222.80	4.23	10.00	267.39	0
	(14)	2	211.30	4.35			
NOTE		222*					
17	19	1	100.10	6.31	10.00	285.30	0
	(15)	2	86.10	6.81			
NOTE		222*					
18	20	1	42.80	9.66	10.00	303.20	0
	(16)	2	30.60	11.43			
NOTE		222*					
19	21	1	44.70	9.45	10.00	321.10	0
	(17)	2	32.10	11.15			
NOTE		222*					
20	22	1	44.20	9.51	10.00	339.00	0
	(18)	2	31.20	11.32			
NOTE		222*					
21	23	1	42.50	9.69	10.00	356.90	0
	(19)	2	30.90	11.37			
NOTE		222*					
22	24	1	43.80	9.55	10.00	374.80	0
	(20)	2	30.70	11.41			
NOTE		222*					

00019

SAMP	POS	CH	CPM	2S%	TIME	ELTIME	H#
23	25	1	44.70	9.45	10.00	392.77	0
	(21)	2	31.90	11.19			
NOTE		222*					
24	26	1	41.50	9.81	10.00	410.62	0
	(22)	2	29.00	11.74			
NOTE		222*					
25	27	1	89.70	6.67	10.00	428.53	0
	(23)	2	77.10	7.20			
NOTE		222*					
26	28	1	44.20	9.51	10.00	446.43	0
	(24)	2	32.20	11.14			
NOTE		222*					
27	29	1	43.20	9.62	10.00	464.33	0
	(25)	2	31.00	11.35			
NOTE		222*					
28	30	1	51.20	8.83	10.00	482.23	0
	(26)	2	37.30	10.35			
NOTE		222*					
29	31	1	83.30	6.92	10.00	500.14	0
	(27)	2	70.80	7.51			
NOTE		222*					
30	32	1	43.20	9.62	10.00	518.04	0
	(28)	2	32.00	11.17			
NOTE		222*					
31	33	1	47.90	9.13	10.00	535.94	0
	(29)	2	35.00	10.68			
NOTE		222*					
32	34	1	42.60	9.69	10.00	553.84	0
	(30)	2	30.60	11.43			
NOTE		222*					
33	35	1	46.00	9.32	10.00	571.74	0
	(31)	2	34.30	10.79			
NOTE		222*					
34	36	1	44.70	9.45	10.00	589.64	0
NOTE	(32)	2 222*	32.40	11.11			
35	37	1	49.10	9.02	10.00	607.54	0
	(33)	2	35.80	10.56			
NOTE		222*					
36	38	1	42.50	9.69	10.00	625.44	0
		2	28.90	11.76			
NOTE	(34)	222*					