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FINAL SURVEY REPORT
For Termination of License: # 06-19244-01
Docket No. 030-17205

DELTA LIGHTING Corporation

200 Henry Street
Stamford, Connecticut 06904

August 24, 2007

by: Vincent Clark, RSO
Radiation Safety Officer, Delta Lighting Corporation

Contacts: Mr. Vincent Clark, Delta Lighting Corporation 203-847-8115
Or
Ahmad Hatami, Health Physicist 212-305-0305

By:

Vincent Clark, RSO
Radiation Safety Officer, Delta Lighting Corporation

141190
NMSS/RGN1 MATERIALS-002

DELTA LIGHTING CORP.
200 Henry Street
Mail: P.O. Box 270
Stamford, Ct. 06904

Phone: 203-847-8115
Fax: 203-846-3120

Elizabeth Ulrich
Head, Radioactive Materials Section
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety Region 1
King of Prussia, PA. 19406

Subject: Termination of Current USNRC License
Reference: License #06-19244-01, Docket #030-17205

Dear Ms. Ulrich:

This letter is to notify you that on 8/16/07 all operations using the licensed material in any form ceased. The plant located at 200 Henry St. was permanently closed on 8/30/07. Unfortunately, due to serious illness, this is the first opportunity we have had to advise you on our license.

As you can see by the "Decontamination Survey" enclosed a thorough job was performed. All plant areas were tested particularly the "LAB. Facility" wherein most of the licensed material was handled.

Our survey report is separated into two appendices: "A Appendix" is a compilation of the tests performed and the results of those tests. "B Appendix" indicates the location that each wipe was performed in and the specified areas that were wiped.

Enclosed is a copy of the Exit Survey Report. Please advise me should you need further information.

Sincerely,

Vincent Clark, Pres. & RSO

10/15/07

APPENDIX A

1 DECONTAMINATION OPERATIONS

Details of major decommissioning tasks follow:

Decontamination guidelines for floors, walls and other fixtures for non-controlled use are shown below:

Equipment / Tools (ref.: Regulatory Guide 1.86):

1000 dpm/100 sq.cm - Removable beta-gamma contamination
5000 dpm/100 sq.cm fixed beta-gamma contamination
average over any 1 square meter area
15000 dpm/100 sq.cm fixed beta-gamma contamination maximum on any 100 sq. cm area

Wipe Test Analysis

All wipe test performed by Mr. James Wallin from Delta Lighting Corporation. Final survey wipe tests were analyzed in a Packard 1900CA LSC. Analyses of wipes samples were performed by Ahmad Hatami, DABMP. See Appendix A

1.1 Data Recording Procedures

Locations of wipe tests, and other samples were recorded on maps of the areas wiped. See Appendix B.

1.2 Techniques for Reducing/Evaluating Data

The wipe test analysis results were entered into a spreadsheet program and were converted from cpm to dpm/100 cm^2 for comparison to surface activity guidelines. This was done by subtracting background, dividing by the area factor, and then dividing by the efficiency obtained during calibration of the specific instrument used. Uncertainties were calculated by propagation of the Poisson error in the gross and background count rates as well as the instrument's systematic variability.

Wipe tests were analyzed for tritium, carbon-14, and high-energy gross beta.

1.3 Records

All original survey data will be retained at the Delta Lighting Corporation in Stamford, Connecticut for 3 years if future evaluation is necessary.

SURVEY FINDINGS

1.4 Background

Two sets of background measurements were collected in the reference area: one set for measurement of surfaces (used for floor and wall data analysis) and one set for measurement of soils which were drilled to the floor (floor and plastic surfaces). The data are shown in Appendix B, samples 75 through 83.

1.5 Measurement Results

The results of unbiased and biased field measurements are shown in Appendix B.

2 SUMMARY

All the areas of the Delta Lighting Corp. facility in 200 Henry Street Stamford, Ct. were surveyed; no residual radioactivity in excess of current guidelines exists in the area. Thus, the licensee may request regulatory approval for the release of the area from radiological controls.

APPENDIX B

Date of calibrat 8/16/2007

Efficiency H-3 60.91%

Efficiency C-14 94.92%

Instrument Packard LSC 1900 CA, SN 87926

System Normalized

C-14 IPA Data Processed 08-16-07

C-14 Eff (0-156 keV) = 94.92%

H-3 IPA Data Processed 08-16-07

H-3 Eff (0-18.6 keV) = 60.91%

BKG IPA Data Processed 08-16-07

Bkg (0-18 I 10.33 cpm

Bkg (0-156 kev=16.65cpm

C-14 E^2/B (1-156 ke\ 6.57E+02

H-3 E^2/B (1-18.6 keV 3.59E+02

Ahmad Hatami, DABMP,DABR
Health Physicist

August 16,2007

Sample #	Area	Net CPM	DPM	µCi
1	Background	7		
2		2	3.28	8.87E-05
3	see the diagram	8	13.13	3.55E-04
4	see the diagram	0	0.00	0.00E+00
5	see the diagram	2	3.28	8.87E-05
6	see the diagram	4	6.57	1.77E-04
7	see the diagram	1	1.64	4.44E-05
8	see the diagram	2	3.28	8.87E-05
9	see the diagram	11	18.06	4.88E-04
10	see the diagram	1	1.64	4.44E-05
11	see the diagram	8	13.13	3.55E-04
12	see the diagram	6	9.85	2.66E-04
13	see the diagram	1	1.64	4.44E-05
14	see the diagram	3	4.93	1.33E-04
15	see the diagram	8	13.13	3.55E-04
16	see the diagram	67	110.00	2.97E-03
17	see the diagram	1	1.64	4.44E-05
18	see the diagram	2	3.28	8.87E-05
19	see the diagram	3	4.93	1.33E-04
20	see the diagram	0	0.00	0.00E+00
21	see the diagram	2	3.28	8.87E-05
22	see the diagram	0	0.00	0.00E+00
23	see the diagram	1	1.64	4.44E-05
24	see the diagram	2	3.28	8.87E-05
25	see the diagram	3	4.93	1.33E-04
26	see the diagram	2	3.28	8.87E-05
27	see the diagram	3	4.93	1.33E-04
28	see the diagram	4	6.57	1.77E-04
29	see the diagram	6	9.85	2.66E-04
30	see the diagram	10	16.42	4.44E-04
31	see the diagram	12	19.70	5.32E-04
32	see the diagram	11	18.06	4.88E-04
33	see the diagram	4	6.57	1.77E-04
34	see the diagram	4	6.57	1.77E-04
35	see the diagram	9	14.78	3.99E-04
36	see the diagram	15	24.63	6.66E-04
37	see the diagram	3	4.93	1.33E-04
38	see the diagram	0	0.00	0.00E+00
39	see the diagram	0	0.00	0.00E+00
40	see the diagram	0	0.00	0.00E+00
41	see the diagram	1	1.64	4.44E-05
42	see the diagram	9	14.78	3.99E-04
43	see the diagram	7	11.49	3.11E-04
44	see the diagram	46	75.52	2.04E-03
45	see the diagram	17	27.91	7.54E-04

46	see the diagram	130	213.43	5.77E-03
47	see the diagram	88	144.48	3.90E-03
48	see the diagram	50	82.09	2.22E-03
49	see the diagram	27	44.33	1.22E-03
50	see the diagram	3	4.93	1.35E-04
51	see the diagram	0	0.00	0.00E+00
52	see the diagram	13	21.34	5.86E-04
53	see the diagram	4	6.57	1.80E-04
54	see the diagram	2	3.28	9.01E-05
55	see the diagram	2	3.28	9.01E-05
56	see the diagram	4	6.57	1.80E-04
57	see the diagram	4	6.57	1.80E-04
58	see the diagram	10	16.42	4.50E-04
59	see the diagram	3	4.93	1.35E-04
60	see the diagram	13	21.34	5.86E-04
61	see the diagram	0	0.00	0.00E+00
62	see the diagram	4	6.57	1.80E-04
63	see the diagram	2	3.28	9.01E-05
64	see the diagram	7	11.49	3.15E-04
65	see the diagram	8	13.13	3.60E-04
66	see the diagram	1	1.64	4.50E-05
67	see the diagram	2	3.28	9.01E-05
68	see the diagram	6	9.85	2.70E-04
69	see the diagram	2	3.28	9.01E-05
70	see the diagram	4	6.57	1.80E-04
71	see the diagram	1	1.64	4.50E-05
72	see the diagram	2	3.28	9.01E-05
73	see the diagram	2	3.28	9.01E-05
74	see the diagram	3	4.93	1.35E-04
75	see the diagram	1	1.64	4.50E-05
76	see the diagram	3	4.93	1.35E-04
77	see the diagram	0	0.00	0.00E+00
78	see the diagram	4	6.57	1.80E-04
79	see the diagram	0	0.00	0.00E+00
80	see the diagram	1	1.64	4.50E-05
81	see the diagram	0	0.00	0.00E+00
82	see the diagram	0	0.00	0.00E+00
83	see the diagram	2	3.28	9.01E-05
84	see the diagram	0	0.00	0.00E+00
85	see the diagram	75	123.13	3.38E-03
86	see the diagram	1	1.64	4.50E-05
87	see the diagram	1	1.64	4.50E-05
88	see the diagram	0	0.00	0.00E+00
89	see the diagram	2	3.28	9.01E-05
90	see the diagram	2	3.28	9.01E-05
91	see the diagram	2	3.28	9.01E-05
92	see the diagram	8	13.13	3.60E-04
93	see the diagram	1	1.64	4.50E-05

KEY to MAPS and SAMPLES

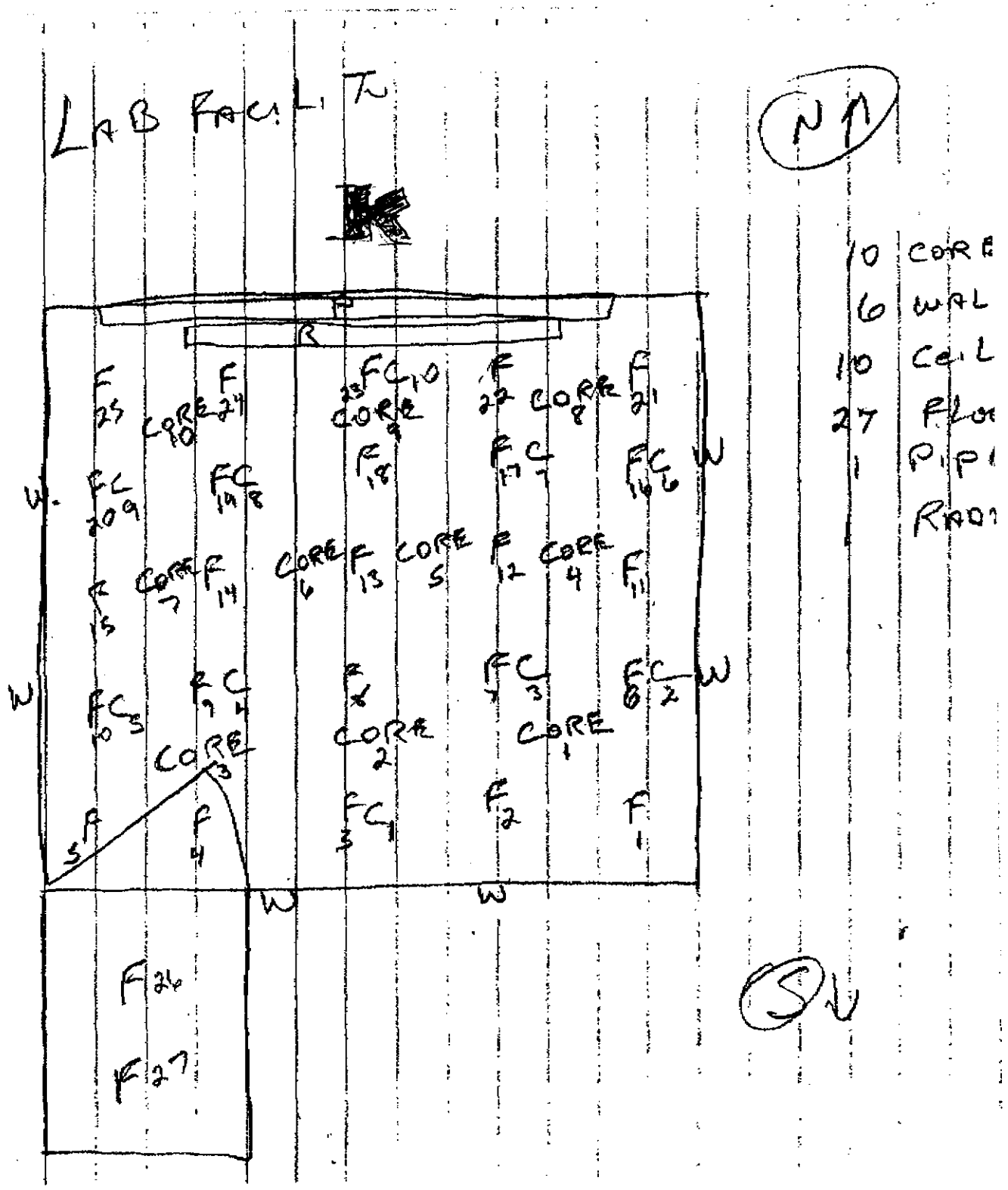
Maps are marked with south arrow - each room has a letter as designate.
See maps for room = letter
Second letter is type/location of sample.

C = ceiling
F = floor
W = wall
P = pipe
R = radiator
T = table
S = sink
O = oven

These letters are used to mark their position in the map.

One set of samples are material from holes drilled in the lab facility floor, and marked core on the map. See separate map for facility

All numbering done from south corner of room then west ending at the northwest corner of room


LAB FACILITY
N
S
10 CORE
6 WAL
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27 Flo
1 PIP
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CORE 4
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F 20
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F 18
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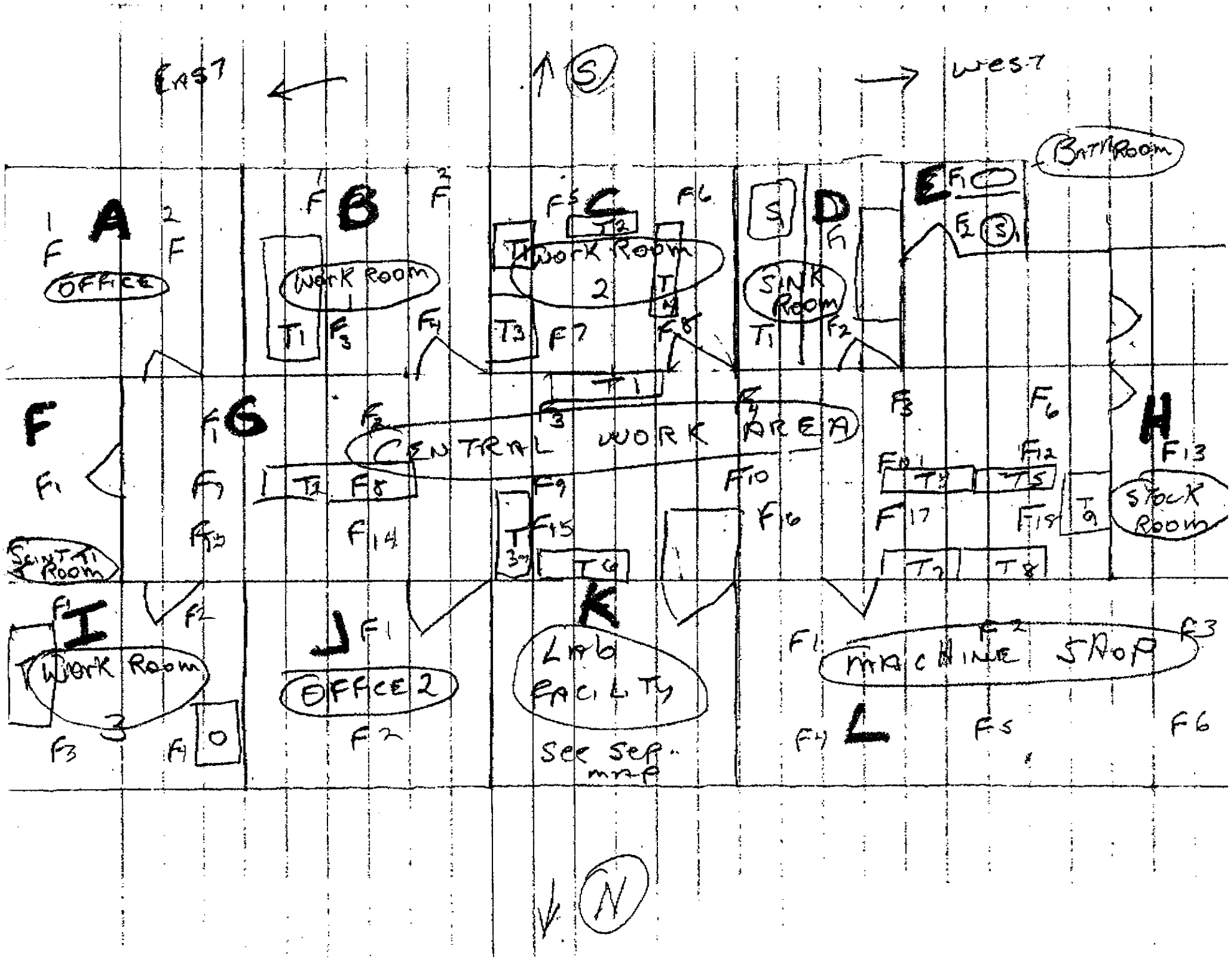
EAST
S
WEST
A
OFFICE
B
WORK ROOM 1
C
WORK ROOM 2
D
SINK ROOM
E
BATHROOM
F
G
CENTRAL WORK AREA
H
STOCK ROOM
I
WORK ROOM 3
J
OFFICE 2
K
LAB FACILITY
See Sep. map
L
MACHINE SHOP
N

1 BACK GROUND

A - OFFICE 2

2 FLOOR 1
3 FLOOR 2

B - Work Room 1 5

4 FLOOR 1
5 FLOOR 2
6 FLOOR 3
7 FLOOR 4
8 TABLE 1

C - Work Room 2 8

9 FLOOR 1
10 FLOOR 2
11 FLOOR 3
12 FLOOR 4
13 TABLE 1
14 TABLE 2
15 TABLE 3
16 TABLE 4

D SINK Room 4

17 FLOOR 1
18 FLOOR 2
19 TABLE 1
20 SINK 1

E. BATH Room 3

21 FLOOR 1
22 FLOOR 2
23 SINK 1

F SCINT Room 3

24 FLOOR 1
25 TABLE 1 OUTSIDE TOP
26 TABLE 2 INSIDE AREA

G. CONTROL WORK AREA 27

27 TO 44 FLOOR 1 TO FLOOR 18
45 TO 53 TABLE 1 TO TABLE 9

H STOCK Room 1

54 FLOOR 1

I Work Room 3 6

55 FLOOR 1
56 FLOOR 2
57 FLOOR 3
58 FLOOR 4
59 TABLE 1
60 OVEN 1

J OFFICE 2 2

61 FLOOR 1
62 FLOOR 2

K. (See next Page)

L. SHOP 6

63 FLOOR 1 TO 68 FLOOR 6

DELTA LIGHTING CORP.
200 Henry Street
P.O. Box 270
Stamford, CT 06902

To:
MR. TOM THOMPSON
USNRC
475 ALLENDALE RD.
KING OF PRUSSIA, PA. 19406

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LTR 1 OF 1
SHP WT: LTR
DATE: 17 OCT 2007

SHIP ELIZABETH ULRICH
TO: USNRC DIVISON HEAD
475 ALLENDALE RD

KING OF PRUSSIA PA 19406-1431

PA 193 9-02

UPS 2ND DAY AIR 2
TRACKING #: 1Z 097 955 02 7913 9427

BILLING: P/P

REF #1: 24881905
REF #2: DELTA LIGHTING 1017

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USNRC DIVISON HEAD
475 ALLENDALE RD

DELTA
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To:
ELIZABETH
DIVISION
475 ALLEN
KING OF P

141190

This is to acknowledge the receipt of your letter/application dated

10/15/07, and to inform you that the initial processing which includes an administrative review has been performed.

Termination 06-19244-01

☒ There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141190.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader