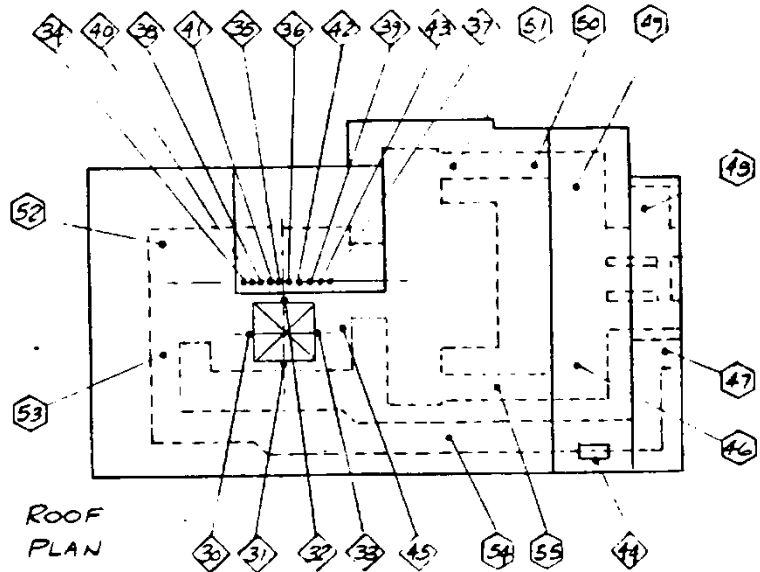


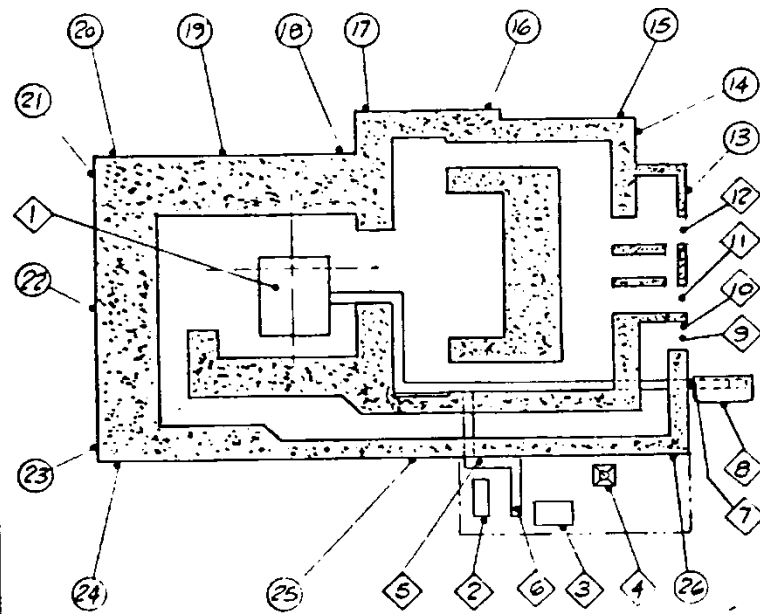
# Irradiator Technology H-315

## Session 16

Survey Ir-147



ROOF PLAN



FLOOR PLAN

- AT 1m ABOVE FLOOR
- ◊ ON FLOOR OR ON ROOF
- ◇ ON NAMED FEATURE (SURVEYOR TO ADD AS NECESSARY)

MAXIMUM RADIATION DESIGN LEAKAGE SO THAT NO ONE SHALL RECEIVE MORE THAN 10 mrem IN A 40 HOUR WORK WEEK WITH CURIES OF COBALT-60 INSTALLED.

OCCUPANCY HOURS/WEEK	DOSE RATE IN mrem/h IN AREA	
	MAXIMUM	AVERAGE
40	2.0	0.25

SURVEY PERFORMED BY \_\_\_\_\_  
DATE \_\_\_\_\_

SURVEY INSTRUMENT MODEL \_\_\_\_\_  
SERIAL NO. \_\_\_\_\_ CALIBRATION DATE \_\_\_\_\_  
SOURCE CONTENT \_\_\_\_\_ CURIES  
ON DATE \_\_\_\_\_

**NORDION INTERNATIONAL INC.**  
SUCCESSOR TO ATOMIC ENERGY OF CANADA LIMITED  
Radiochemical Company

SUCCESSOR DE L'ENERGIE ATOMIQUE DU CANADA LIMITEE  
Societe radiochimique

RADIATION SURVEY REPORT  
AFTER SOURCE INSTALLATION NO. \_\_\_\_\_  
IN 1R147 A.E.C.L./A.F. DEMO  
MONTREAL

READINGS LESS THAN 0.03 mrem/h SHOWN THUS #		
NO	READING	REMARKS
1		POOL SURFACE**
2		WATER DESIGNER
3		WATER CHILLER
4		MAX AIR FILTER
5		FLOOR TRENCH
6		FLOOR TRENCH
7		FLOOR TRENCH
8		CONTROL CONSOLE
9		TOP OF DOOR
10		MAX DOOR CRACK
11		MAX INLET
12		MAX OUTLET
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		ROOF PLUG CRACK
31		
32		
33		ROOF PLUG CRACK
34		GUIDE CABLE
35		
36		
37		GUIDE CABLE
38		HOIST CABLE
39		HOIST CABLE
40		EMERGENCY PLUG
41		
42		
43		EMERGENCY PLUG
44		VENTILATION FAN
45		AIR LINE
46		
47		
48		
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57		
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59		
60		

\*\* WITH SOURCE DOWN