Battelle
Putting Technology To Work

COPY

HPS #: J- 24884

HEALTH PHYSICS SURVEY REPORT

DATE 5-19-03

TIME 1530

SURVEYOR Kay Ethcart

LOCATION JN1B HEC

REVIEWED BY

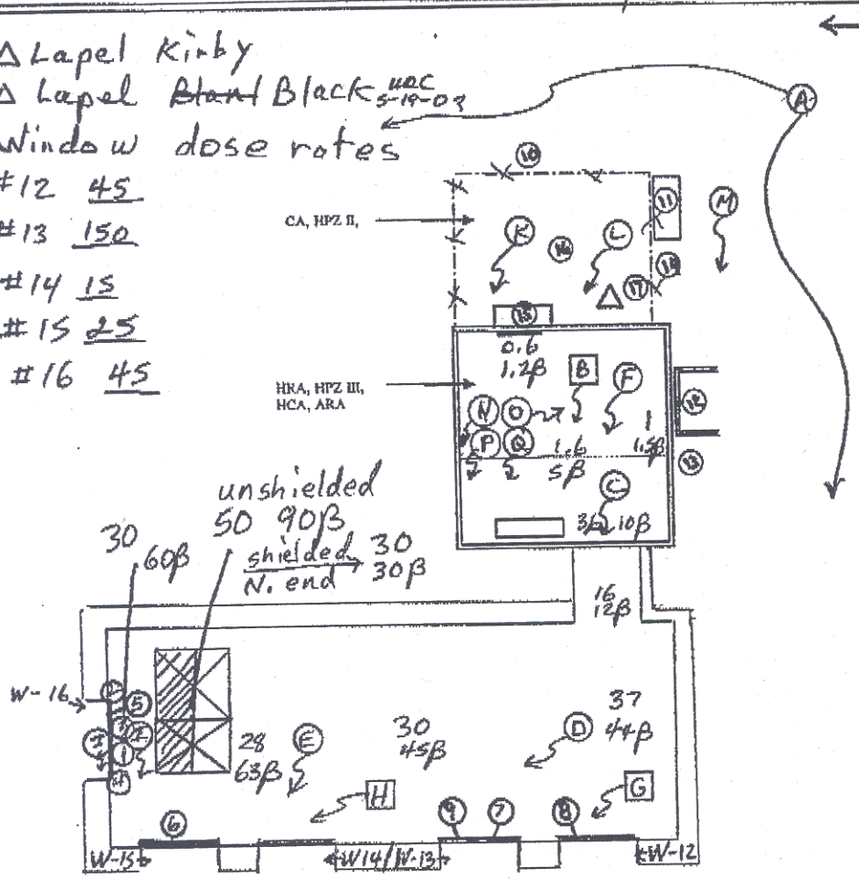
Smear locations circled; Dose Rates = mR/hr

INSTRUMENTATION USED		
MODEL	S/N	CAL. DATE DUE
RO20	3410	8-10-03
Delta 3	93254	5-25-03
Lud 3	93552	9-16-03

WI # 1147 RWP # 03JNO-038 and 039

PURPOSE OF SURVEY HEC window liner removal
Job Coverage

△ Lapel Kirby
△ Lapel ~~Blank~~ Black used 5-19-03
Window dose rates
#12 45
#13 150
#14 15
#15 25
#16 45



Area inside Posted: CAB/RA/ RWP/TLD/FSC/RM
☐ = Tacky roller
β- Dose Rates in mRad/Hr. Beta Correction Factor: 3e4/1.5*

☐L-3 /■DELTA 3 /☐ELECTRA BKG: 0 CPM α, 500 CPM β EFF: 20.5 % α 10.5 % β
Lud 3 BKG 0 CPM α EFF 12.5 % α

SMEAR RESULTS
RESULTS = DPM/100CM² UNLESS NOTED

#	βγ	α
1) Window #16 Top weld	41β	35K
2) #16 East weld	6.8β	8K
3) #16 bottom	27β	8K
4) #16 West weld	10β	1.6K
5) Post Decon Weld #16	88β	24K
6) Post Decon Weld #15	10.2β	3.2K
7) PRE-DECON Weld #13	238β	48K
8) Post Decon Wall 13	68β	64K
9) Post Decon Wall 15	119β	80K
10) D/S 2-III	<1K	ND
11) 2-III SOP		
12) Cove		
13) ac Window		
14) D/S 2-III		
15) 2-III SOP		
16) 2-III Floor		
17) B.L.'s	↓	↓

CHECK IF APPLICABLE
☐ SEE ATTACHED DDO-134 FOR SMEAR RESULTS.
■ SEE ATTACHED DDO-101 FOR ADDITIONAL INFORMATION.
■ SEE ATTACHED DDO-057 FOR A/S RESULTS. NUMBER OF A/S(s) ATTACHED: 3
☐ RAL RESULTS ATTACHED

Gross Masslinn RESULTS
RESULTS = DPM/WIPE UNLESS NOTED

A)	High bay	<1K	ND
B)	clean side Cask Wash	NDβ	N/A
C)	Hot side Cask Wash	180K	1K
D)	HEC South	3β	N/A
E)	HEC North	12β	N/A
F)	clean side Cask Wash	90K	200
G)	Tacky roller HEC south	NDβ	N/A
H)	Tacky roller HEC North	NDβ	N/A

DDO-138 5/93 (jw)