DEPARTMENT OF VETERANS AFFAIRS
Veterans Health Administration
National Health Physics Program
2200 Fort Roots Drive
North Little Rock, AR 72114

FEB 21 2006

In Reply Refer To: 598/115HP/NLR

Cassandra F. Frazier
Division of Nuclear Material Safety
Nuclear Regulatory Commission (NRC), Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

Dear Ms. Frazier:

Per NRC License 03-23853-01VA, we are enclosing closeout survey documentation for the VA Connecticut Health Care System, West Haven, Connecticut, for your review and approval. The documentation is to support a request to release the location of use, identified as Building 27, for unrestricted use.

This building is scheduled for demolition to allow for construction of a new patient treatment area. A closeout survey was completed using survey methods consistent with the NUREG-1575 guidelines.

For review and approval of this request, we enclose a memorandum of February 16, 2006, from the Radiation Safety Officer with an historical site assessment, wipe count spreadsheets, and a floor plan for the building. The historical site assessment and wipe count results provide basic information under 10 CFR 30.36 to evaluate the site for a decommissioning action and support a conclusion residual fixed or removable radioactive contamination is unlikely.

We request expedited review and approval since the building demolition contract has financial penalties, if delayed, and the building site is the future location of a spinal cord injury treatment building.

If you have any questions or comments, please contact Gary E. Williams, VHA National Health Physics Program, at (501) 257-1572.

Sincerely,

E. Lynn McGuire
Director, National Health Physics Program

Enclosure

RECEIVED FEB 22 2006

February 16, 2006

E. Lynn McGuire
Director, National Health Physics Program
2200 Fort Roots Drive (115HP)
Building 101, Room 208E
North Little Rock, AR. 72114

Dear Mr. McGuire

Per VHA Permit #06-00092-05, we are enclosing closeout survey documentation for VA Connecticut Healthcare System, West Haven Connecticut, for your review and approval. The documentation supports a request to release the location of use, identified as Building 27, for unrestricted use. The building is scheduled for demolition to allow for construction of a building which will support spinal cord injury treatment. The site will remain under VA ownership and continued use.

For review and approval of this request, we are enclosing the following documentation: closeout survey results, a historical site assessment and building floor plan.

The historical site assessment provides basic information under 10 CFR 30.36 to evaluate the site for a decommissioning action and along with the survey results supports a conclusion that residual fixed or removable radioactive contamination is unlikely.

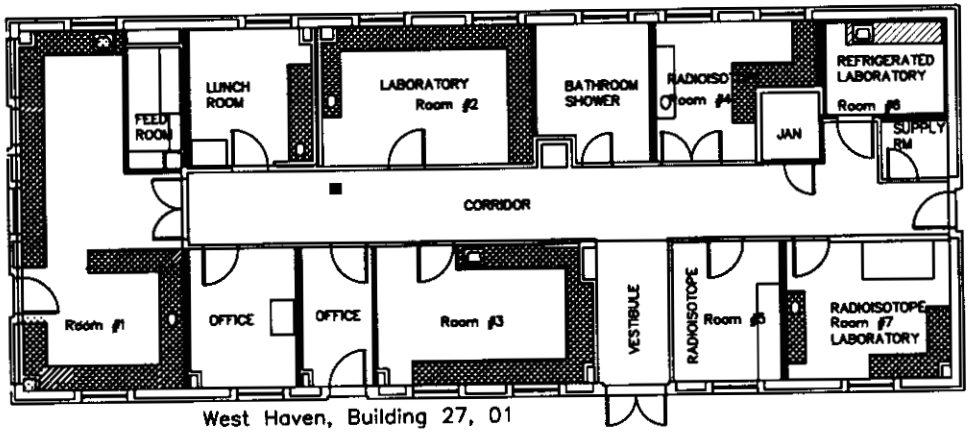
If you have any questions or comments, please contact Robert Rembish, RSO, at (203) 937-4981.

We are hopeful that an expeditious process can be allowed as unknowingly a contractual process was executed which will result in severe financial penalties for the Institution if delays in the projects timetable are incurred.

Sincerely,

Robert A. Rembish, RSO

ATTACHMENTS:
Historical Site Plan
Wipe Count Spread Sheet
Building #27 Floor Plan



West Haven, Building 27, 01

Historical Site Assessment
VA Connecticut Healthcare System
Building # 27
West Haven, Connecticut

1. **Scope of historical site assessment:**

   a. For this historical site assessment, the VA Connecticut Healthcare System, West Haven, Connecticut is referred to as "West Haven".
   b. This historical site assessment is for the use of ^{3}H and ^{14}C in Research Building #27
      (1) Both our previous NRC License #06-0092-05 (Broad Scope) as well as our current VHA Permit supported the use of ^{3}H and ^{14}C.
      (2) Although the most recent PI (Dr. Gorelick) remains a permitted user of radioactive materials, the last processed order for radioactive materials was 4/10/2003 which was for short lived products. Since 1987 the PI received only one order of ^{3}H (1mCi) on 11/28/1995 and one order of ^{14}C (50uCi) on 12/11/2001. The PI's lab was moved to a newly renovated space in Building #4 on 1/5/06.

   c. The areas or location of interest for the historical assessment in Building #27 are the areas designated as laboratory space and excludes offices, lunchroom, bathroom, corridor and entry vestibule.
   d. This historical site assessment is based on the information collected during review of the available radiation safety records (RSC minutes, inventories, survey results) and staff interviews which spanned the period from 1973-74 to present.

2. **Site identification:**

   a. The primary areas or location of interest are the identified laboratory areas of Building # 27.
   b. Building #27 is a single level on-slab cinderblock building Totaling 2334 square feet with a brick veneer. The building was built in 1953 as housing for research animals (dogs) Figure 1. In 1973 the building was converted

Figure 1 Building # 27

from an animal facility to medical research laboratories along with some office space, a break room and bathroom to serve the research staff. The walls were painted cinderblock; the floors were concrete covered with vinyl flooring. All work benches were standard non-reactant solid surfaces or stainless steel Figure 2.

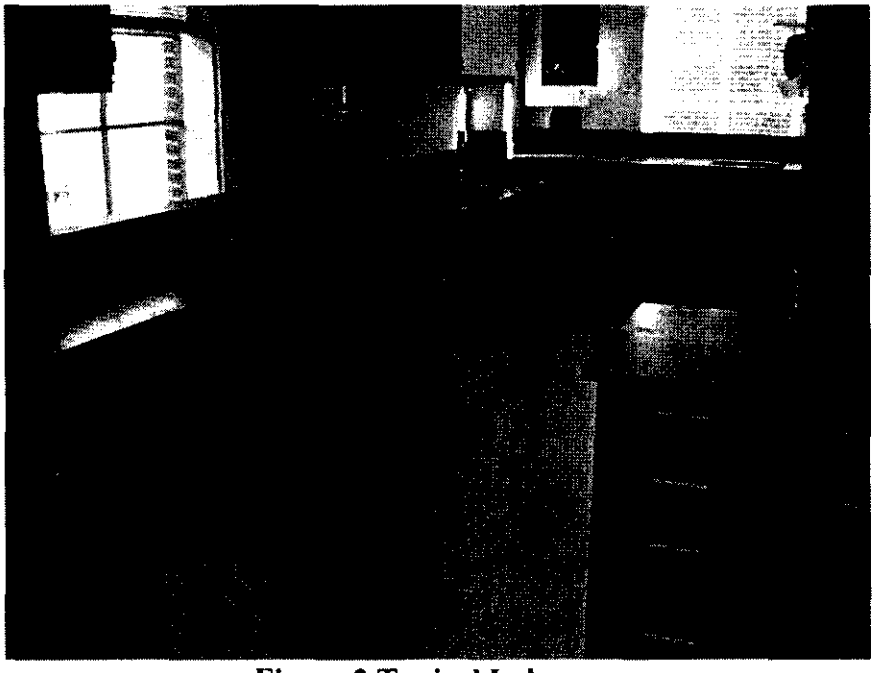


Figure 2 Typical Lab

c. All buildings at West Haven including were connected to a public sewer system.

3. **Past and current uses:**

a. Based on available records and discussions with current and retired staff (initial Building #27 Lab Manager) research use with radioactive materials began about 1974 -75

1). The primary focus of the PI's (Dr. Donaldson) research involved absorption studies using 57Co labeled cyanocobalamine and intrinsic factor. During this period inventories for ^{3}H and ^{14}C labeled amino acids were typically in the 1-3mCi range. And used for metabolic studies.

2) Records except for information gathered by interview for the period 1974 to 1978 have not been located and indications are that any over sight of the radioisotope program during this period was minimal if at all. This research program continued with the same personnel until 1985. The building was then vacant from research studies until 1987 when a new PI (Dr. Gorelick) began research studies Radiation safety records including Radiation Safety Committee minutes are available from 1979 and includes documentation of inventories and surveys. The available records and Radiation Safety Committee minutes did not indicate any spills of radioactive materials, excessive concentrations, or contamination in the research locations of use.

3). The inventory as described in Table 1. describes the inventory on hand from 1979 to present. From 2001 no orders for ^{3}H or ^{14}C were received at Building #27 and research isotope activities were limited to short lived materials.

BUILDING 27 ISOTOPE USAGE

DATE	INVESTIGATOR	H-3 mCi	C-14 mCi	Comment
10/1/1979	Donaldson	3.78	1.41	INVENTORY
4/1/1980	Donaldson	0.2	0.67	INVENTORY
4/22/1980	Donaldson	0.2	0.215	INVENTORY
10/1/1980	Donaldson	0.19	0.44	INVENTORY
10/15/1980	Donaldson	0.187	0.4423	INVENTORY
4/1/1981	Donaldson	0.44	0.629	INVENTORY
10/1/1981	Donaldson	1.9	0.677	INVENTORY
3/31/1982	Donaldson	2.251	0.676	INVENTORY
10/1/1982	Donaldson	2.05	0.84	INVENTORY
10/2/1982	Donaldson	2.946	1.833	INVENTORY
4/1/1983	Donaldson	2.946	1.843	INVENTORY
10/1/1983	Donaldson	3.196	0.698	INVENTORY
11/28/1995	Gorelick	1		INVENTORY
2/11/2001	Gorelick		0.05	INVENTORY

Table 1 Isotope Use Inventories

4. **Survey description:**

(1) The closeout wipe survey preparation consisted of marking a one foot by one foot numbered grid on all laboratory working surfaces and floors Figure 3. and Figure 4. The grid process included all sinks and the only fume hood. Although only certain laboratories were designated for isotope use every working laboratory space was included in the process. Wipe surveys were performed using alcohol prep pads and wiping an approximate $100cm^2$ section of every grid box.

(2) The traps of all sinks were also sampled for possible contamination.

(3) Excluded from wipe surveys were offices, lunch room, entry vestibule and corridor.

(4) A total of 1375 wipe samples were counted for data purposes.

(5) A Ludlum Model #3 survey meter S/N 143818 with a Model 44-9 GM detector calibrated September 8, 2005 was used for surface scanning surveys. The instrument was tested for constancy before and after use. The total building including laboratories, offices, corridors, restrooms and lunch room were scanned with the meter

(6) The scanning survey performed as close to the surface as possible demonstrated consistent meter readings ranging between 0.015 to 0.020 mR/hr. This reading is considered background at our facility. The survey used a slow methodical movement of the detector over the surfaces.

(7) The wipe materials were analyzed using a Beckman LS 6500 liquid scintillation counter using a wide window which would capture any ^{3}H or ^{14}C spectrum.

The wipe surveys did not indicate any results above background for removable radioactive contamination.

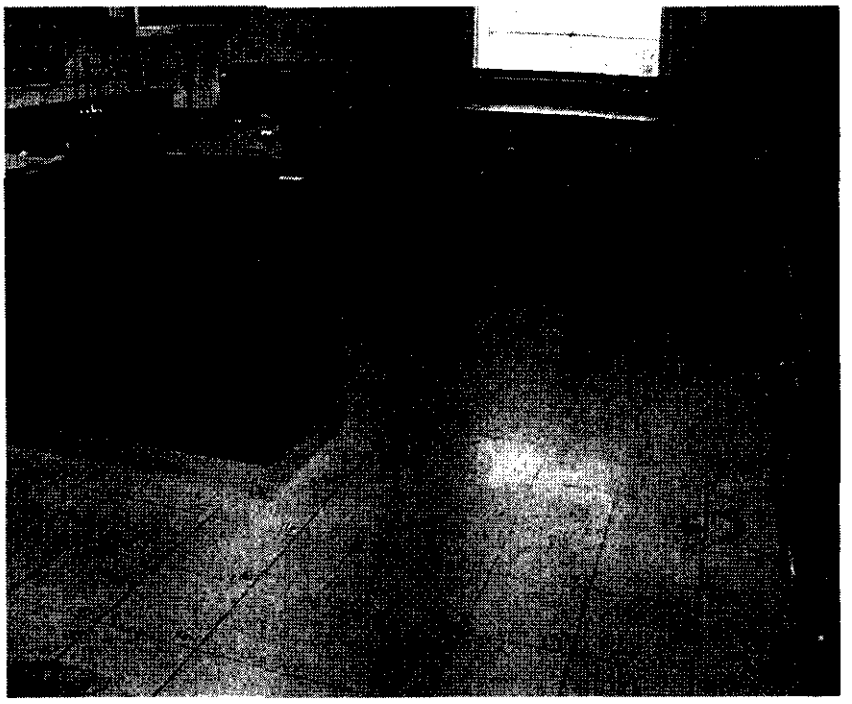


Figure 3 Typical Floor Grids

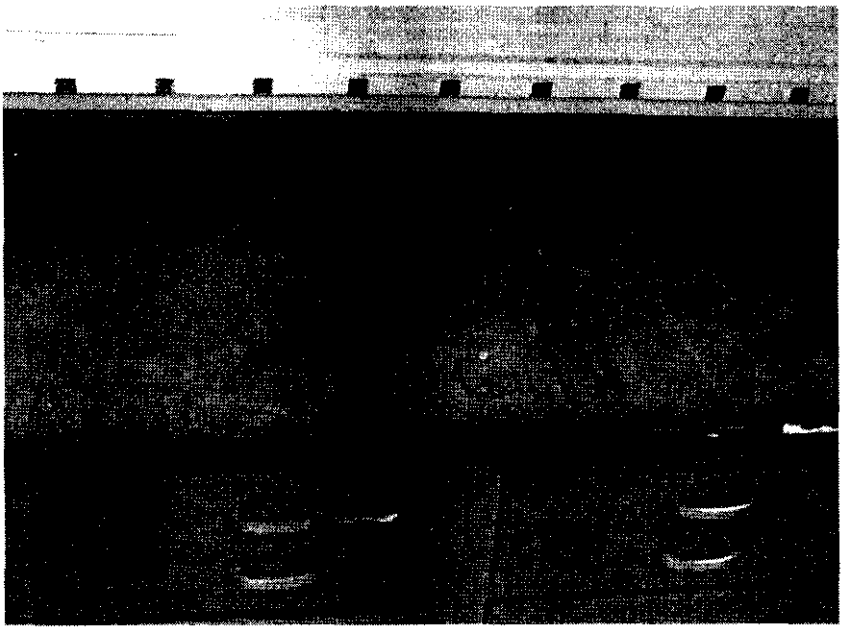


Figure 4 Typical Counter Grids

5. Conclusion:

a. This historical site assessment is based on available records and discussions with West Haven staff and retired lab manager.

b. A thorough evaluation by inspection verified that all radioactive waste, stock vials, and tubes have been removed. The inspection covered all rooms, drawers, cabinets and closets.

c. The closeout surveys did not identify any results above background. The survey methods were consistent with standard practices to measure and evaluate ^{3}**H** and ^{14}**C**.

d. The limited use, storage, and possession of ^{3}**H** and ^{14}**C** support a conclusion that residual fixed or removable radioactive contamination is unlikely.

Instrument Type: LS 6000
Data Capture Date: 15 Feb 2006 10:22:55
User Filename: A:\USER01\U0121501.BSF

Efficiency

BACKGROUND AVERAGE 01
WIPE TEST **Efficiency**

Scintillator Choice: LIQUID

Sam	Rack	Time	CPM Iso1	DPM Iso1	ElTime
1	**-1	4.00	35.75	47.32	4.59
2	**-2	4.00	31.75	45.21	9.21
3	**-3	4.00	35.75	41.68	13.82
4	**-4	4.00	34.50	43.26	18.59
5	**-5	4.00	36.25	46.05	23.36
6	**-6	4.00	38.00	43.73	28.11
7	**-7	4.00	39.50	45.39	32.87
8	**-8	4.00	39.50	41.58	37.50
9	**-9	4.00	37.00	44.03	42.13
10	**-10	4.00	35.50	44.79	46.77
11	**-11	4.00	32.50	37.85	51.39
12	**-12	4.00	31.00	35.08	56.15
13	**-13	4.00	34.50	45.69	60.78
14	**-14	4.00	41.50	48.17	65.41
15	**-15	4.00	35.25	37.80	70.16
					647.63

AVERAGE BACKGROUND = 43.1753 DPM

Instrument Type:	LS 6000		
Data Capture Date:	10 Feb 2006 23:16:44		
User Filename:	A:\USER08\U0821002.BSF	Efficiency H-3 =	64.39 %
Instrument Type:	LS 6000		
Data Capture Date:	13 Feb 2006 20:36:39	Efficiency C-14 =	95.86 %
User Filename:	A:\USER08\U0821303.BSF		

WIPES	08		
FLOOR ROOM #1	WIPE TEST	MDA H-3	14.45 DPM
Comments:		MDA C-14	9.71 DPM

Scintillator Choice: LIQUID

sample	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	38.75	47.07	BKG	4.52	BKG.SUB.
2	**-2	4.00	34.25	42.79		9.13	-4.28
3	**-3	4.00	35.50	47.08		13.75	0.01
4	**-4	4.00	40.25	45.48		18.39	-1.59
5	**-5	4.00	37.25	48.44		23.17	1.37
6	**-6	4.00	37.50	43.51		27.81	-3.56
7	**-7	4.00	36.75	49.29		32.45	2.22
8	**-8	4.00	30.00	39.04		37.07	-8.03
9	**-9	4.00	36.75	48.34		41.85	1.27
10	**-10	4.00	37.75	43.39		46.62	-3.68
11	**-11	4.00	35.75	42.00		51.36	-5.07
12	**-12	4.00	36.25	41.64		56.04	-5.43
13	**-13	4.00	38.00	45.54		60.69	-1.53
14	**-14	4.00	36.75	44.16		65.32	-2.91
15	**-15	4.00	37.00	50.74		69.97	3.67
16	**-16	4.00	35.25	40.60		74.75	-6.47
17	**-17	4.00	35.25	45.69		79.38	-1.38
18	**-18	4.00	40.75	42.64		84.03	-4.43

19	**-1	4.00	30.75	34.20	88.78	-12.87
20	**-2	4.00	36.50	41.36	93.45	-5.71
21	**-3	4.00	31.00	40.41	98.10	-6.66
22	**-4	4.00	34.75	39.58	102.77	-7.49
23	**-5	4.00	34.75	45.96	107.41	-1.11
24	**-6	4.00	33.00	42.04	112.07	-5.03
25	**-7	4.00	34.00	36.58	116.70	-10.49
26	**-8	4.00	32.75	42.07	121.33	-5.00
27	**-9	4.00	34.75	45.30	126.00	-1.77
28	**-10	4.00	36.50	41.60	130.66	-5.47
29	**-11	4.00	35.75	48.46	135.45	1.39
30	**-12	4.00	30.75	38.25	140.08	-8.82
31	**-13	4.00	39.50	42.46	144.72	-4.61
32	**-14	4.00	36.50	38.55	149.34	-8.52
33	**-15	4.00	40.25	50.69	153.98	3.62
34	**-16	4.00	31.00	41.84	158.62	-5.23
35	**-17	4.00	39.00	50.84	163.25	3.77
36	**-18	4.00	33.00	38.73	167.88	-8.34
37	**-1	4.00	33.25	41.01	172.66	-6.06
38	**-2	4.00	30.25	44.25	177.33	-2.82
39	**-3	4.00	32.25	35.83	181.98	-11.24
40	**-4	4.00	34.25	42.16	186.62	-4.91
41	**-5	4.00	32.00	38.64	191.25	-8.43
42	**-6	4.00	32.00	31.03	195.88	-16.04
43	**-7	4.00	30.25	37.14	200.66	-9.93
44	**-8	4.00	40.25	47.79	205.30	0.72
45	**-9	4.00	35.75	46.19	210.08	-0.88
46	**-10	4.00	36.50	47.34	214.72	0.27
47	**-11	4.00	35.75	43.64	219.35	-3.43
48	**-12	4.00	35.00	37.70	224.12	-9.37
49	**-13	4.00	33.50	37.35	228.75	-9.72
50	**-14	4.00	30.75	45.50	233.38	-1.57
51	**-15	4.00	32.00	34.46	238.02	-12.61
52	**-16	4.00	32.25	42.69	242.66	-4.38
53	**-17	4.00	27.25	36.04	247.30	-11.03
54	**-18	4.00	32.50	37.33	251.93	-9.74
55	**-1	4.00	29.00	35.76	256.67	-11.31

56	**-2	4.00	37.75	44.76	261.33	-2.31
57	**-3	4.00	35.50	40.61	266.02	-6.46
58	**-4	4.00	36.50	42.38	270.66	-4.69
59	**-5	4.00	35.75	44.78	275.33	-2.29
60	**-6	4.00	30.75	32.80	279.97	-14.27
61	**-7	4.00	35.00	42.04	284.63	-5.03
62	**-8	4.00	33.75	44.18	289.30	-2.89
63	**-9	4.00	37.75	44.14	293.93	-2.93
64	**-10	4.00	31.25	35.70	298.59	-11.37
65	**-11	4.00	35.25	43.53	303.33	-3.54
66	**-12	4.00	37.75	41.57	307.99	-5.50
67	**-13	4.00	32.25	42.07	312.76	-5.00
68	**-14	4.00	33.50	45.86	317.40	-1.21
69	**-15	4.00	37.00	51.89	322.08	4.82
70	**-16	4.00	30.75	34.83	326.86	-12.24
71	**-17	4.00	38.25	48.21	331.50	1.14
72	**-18	4.00	38.25	40.58	336.15	-6.49
73	**-1	4.00	36.75	44.79	340.92	-2.28
74	**-2	4.00	33.75	39.89	345.55	-7.18
75	**-3	4.00	33.00	45.22	350.18	-1.85
76	**-4	4.00	41.50	57.01	354.84	9.94
77	**-5	4.00	31.25	38.16	359.50	-8.91
78	**-6	4.00	34.00	44.97	364.13	-2.10
79	**-7	4.00	38.25	40.30	368.91	-6.77
80	**-8	4.00	34.75	38.33	373.69	-8.74
81	**-9	4.00	32.50	40.78	378.48	-6.29
82	**-10	4.00	34.00	42.04	383.12	-5.03
83	**-11	4.00	40.00	39.80	387.75	-7.27
84	**-12	4.00	43.75	52.04	392.51	4.97
85	**-13	4.00	32.00	38.18	397.18	-8.89
86	**-14	4.00	36.00	45.16	401.83	-1.91
87	**-15	4.00	33.25	38.23	406.50	-8.84
88	**-16	4.00	30.75	36.76	411.14	-10.31
89	**-17	4.00	35.00	44.44	415.81	-2.63
90	**-18	4.00	36.50	49.34	420.48	2.27
91	**-1	4.00	29.25	36.39	425.22	-10.68
92	**-2	4.00	33.75	44.84	429.85	-2.23

93	**-3	4.00	35.25	38.98	434.49	-8.09
94	**-4	4.00	37.50	48.21	439.13	1.14
95	**-5	4.00	33.50	40.50	443.88	-6.57
96	**-6	4.00	35.75	39.20	448.63	-7.87
97	**-7	4.00	35.50	39.98	453.26	-7.09
98	**-8	4.00	30.00	31.93	458.02	-15.14
99	**-9	4.00	36.50	43.89	462.69	-3.18
100	**-10	4.00	39.75	43.21	467.45	-3.86
101	**-11	4.00	40.25	45.89	472.13	-1.18
102	**-12	4.00	37.75	42.73	476.77	-4.34
103	**-13	4.00	33.00	44.84	481.40	-2.23
104	**-14	4.00	32.50	38.39	486.06	-8.68
105	**-15	4.00	32.50	33.83	490.70	-13.24
106	**-16	4.00	31.75	35.33	495.32	-11.74
107	**-17	4.00	36.25	48.34	499.97	1.27
108	**-18	4.00	32.00	46.00	504.62	-1.07
109	**-1	4.00	36.00	49.59	509.38	2.52
110	**-2	4.00	33.50	40.75	514.02	-6.32
111	**-3	4.00	31.50	41.32	518.66	-5.75
112	**-4	4.00	36.75	54.70	523.29	7.63
113	**-5	4.00	38.00	40.45	527.95	-6.62
114	**-6	4.00	37.50	40.21	532.56	-6.86
115	**-7	4.00	38.00	40.40	537.19	-6.67
116	**-8	4.00	37.00	40.71	541.84	-6.36
117	**-9	4.00	38.00	56.95	546.63	9.88
118	**-10	4.00	34.50	40.75	551.30	-6.32
119	**-11	4.00	32.50	49.55	555.93	2.48
120	**-12	4.00	29.00	30.93	560.57	-16.14
121	**-13	4.00	35.75	43.25	565.19	-3.82
122	**-14	4.00	30.00	43.75	569.83	-3.32
123	**-15	4.00	37.75	42.47	574.48	-4.60
124	**-16	4.00	34.25	40.23	579.12	-6.84
125	**-17	4.00	32.25	34.30	583.76	-12.77
126	**-18	4.00	34.75	39.73	588.40	-7.34
127	**-1	4.00	34.00	39.75	593.16	-7.32
128	**-2	4.00	30.25	41.46	597.80	-5.61
129	**-3	4.00	35.00	47.36	602.46	0.29

130	**-4	4.00	36.00	39.33	607.10	-7.74
131	**-5	4.00	35.75	45.68	611.77	-1.39
132	**-6	4.00	38.50	43.86	616.43	-3.21
133	**-7	4.00	33.00	44.72	621.18	-2.35
134	**-8	4.00	36.25	41.88	625.85	-5.19
135	**-9	4.00	37.25	43.26	630.48	-3.81
136	**-10	4.00	33.25	41.44	635.13	-5.63
137	**-11	4.00	39.75	48.16	639.80	1.09
138	**-12	4.00	31.75	42.18	644.43	-4.89
139	**-13	4.00	31.50	38.89	649.06	-8.18
140	**-14	4.00	39.25	47.66	653.75	0.59
141	**-15	4.00	34.50	42.79	658.38	-4.28
142	**-16	4.00	36.75	42.76	663.02	-4.31
143	**-17	4.00	36.25	49.62	667.66	2.55
144	**-18	4.00	27.75	28.40	672.32	-18.67
145	**-1	4.00	31.25	45.50	677.25	-1.57
146	**-2	4.00	29.75	35.89	681.89	-11.18
147	**-3	4.00	34.00	38.89	686.54	-8.18
148	**-4	4.00	36.25	45.82	691.19	-1.25
149	**-5	4.00	32.50	38.23	695.85	-8.84
150	**-6	4.00	32.25	32.90	700.52	-14.17
151	**-7	4.00	39.25	50.96	705.15	3.89
152	**-8	4.00	36.25	46.69	709.82	-0.38
153	**-9	4.00	31.25	32.30	714.45	-14.77
154	**-10	4.00	34.50	42.91	719.23	-4.16
155	**-11	4.00	32.00	40.04	723.86	-7.03
156	**-12	4.00	33.50	40.25	728.50	-6.82
157	**-13	4.00	35.00	43.53	733.13	-3.54
158	**-14	4.00	30.75	34.86	737.77	-12.21
159	**-15	4.00	31.25	38.75	742.42	-8.32
160	**-16	4.00	35.75	51.77	747.05	4.70
161	**-17	4.00	37.50	41.98	751.72	-5.09
162	**-18	4.00	36.50	50.77	756.37	3.70
163	**-1	4.00	39.50	57.32	761.13	10.25
164	**-2	4.00	36.00	41.61	765.77	-5.46
165	**-3	4.00	35.75	48.87	770.40	1.80
166	**-4	4.00	28.00	39.56	775.03	-7.51

167	**-5	4.00	35.50	44.41	779.66	-2.66
168	**-6	4.00	34.00	45.18	784.30	-1.89
169	**-7	4.00	35.25	39.73	789.09	-7.34
170	**-8	4.00	37.25	47.32	793.86	0.25
171	**-9	4.00	33.25	48.12	798.50	1.05
172	**-10	4.00	35.50	42.79	803.14	-4.28
173	**-11	4.00	36.25	42.23	807.78	-4.84
174	**-12	4.00	34.50	38.78	812.41	-8.29
175	**-13	4.00	25.50	32.26	817.08	-14.81
176	**-14	4.00	39.00	48.94	821.74	1.87
177	**-15	4.00	28.00	33.60	826.41	-13.47
178	**-16	4.00	36.75	42.75	831.06	-4.32
179	**-17	4.00	35.00	46.62	835.71	-0.45
180	**-18	4.00	34.75	45.32	840.46	-1.75
181	**-1	4.00	30.75	34.61	845.18	-12.46
182	**-2	4.00	32.25	42.81	849.81	-4.26
183	**-3	4.00	37.00	44.54	854.57	-2.53
184	**-4	4.00	31.75	31.30	859.22	-15.77
185	**-5	4.00	35.00	41.01	864.01	-6.06
186	**-6	4.00	34.00	43.92	868.78	-3.15
187	**-7	4.00	33.75	42.66	873.56	-4.41
188	**-8	4.00	36.25	53.16	878.23	6.09
189	**-9	4.00	26.75	29.55	882.89	-17.52
190	**-10	4.00	35.50	36.03	887.53	-11.04
191	**-11	4.00	33.25	35.98	892.31	-11.09
192	**-12	4.00	34.00	48.13	897.04	1.06
193	**-13	4.00	34.50	47.46	901.68	0.39
194	**-14	4.00	33.00	39.60	906.35	-7.47
195	**-15	4.00	31.00	38.13	911.01	-8.94
196	**-16	4.00	31.00	30.90	915.67	-16.17
197	**-17	4.00	32.25	41.54	920.30	-5.53
198	**-18	4.00	36.00	44.91	924.93	-2.16
199	**-1	4.00	33.50	38.86	929.67	-8.21
200	**-2	4.00	33.25	38.85	934.46	-8.22
201	**-3	4.00	34.50	46.97	939.24	-0.10
202	**-4	4.00	34.00	45.07	943.88	-2.00
203	**-5	4.00	31.75	38.41	948.52	-8.66

204	**-6	4.00	30.25	34.35	953.15	-12.72
205	**-7	4.00	34.50	36.83	957.93	-10.24
206	**-8	4.00	35.75	36.55	962.71	-10.52
207	**-9	4.00	35.00	54.56	967.39	7.49
208	**-10	4.00	36.50	40.71	972.18	-6.36
209	**-11	4.00	35.00	40.01	976.81	-7.06
210	**-12	4.00	37.75	42.61	981.45	-4.46
211	**-13	4.00	33.75	41.54	986.09	-5.53
212	**-14	4.00	39.50	66.08	990.74	19.01
213	**-15	4.00	36.75	49.09	995.39	2.02
214	**-16	4.00	36.50	44.29	1000.02	-2.78
215	**-17	4.00	33.00	44.71	1004.67	-2.36
216	**-18	4.00	32.75	34.80	1009.30	-12.27
217	**-1	4.00	36.25	46.70	1014.03	-0.37
218	**-2	4.00	31.00	45.19	1018.67	-1.88
219	**-3	4.00	37.25	50.35	1023.47	3.28
220	**-4	4.00	37.25	47.68	1028.12	0.61
221	**-5	4.00	35.75	51.65	1032.75	4.58
222	**-6	4.00	35.25	45.68	1037.40	-1.39
223	**-7	4.00	28.00	44.27	1042.03	-2.80
224	**-8	4.00	37.50	48.96	1046.72	1.89
225	**-9	4.00	37.00	43.64	1051.50	-3.43
226	**-10	4.00	38.75	57.55	1056.25	10.48
227	**-11	4.00	34.00	46.22	1060.89	-0.85
228	**-12	4.00	36.75	50.50	1065.52	3.43
229	**-13	4.00	38.00	44.76	1070.16	-2.31
230	**-14	4.00	30.00	33.58	1074.81	-13.49
231	**-15	4.00	34.25	43.53	1079.56	-3.54
232	**-16	4.00	28.25	36.16	1084.20	-10.91
233	**-17	4.00	31.00	45.37	1088.85	-1.70
234	**-18	4.00	33.25	37.86	1093.49	-9.21
235	**-1	4.00	36.00	45.29	1098.24	-1.78
236	**-2	4.00	35.00	41.76	1102.89	-5.31
237	**-3	4.00	32.00	44.79	1107.52	-2.28
238	**-4	4.00	36.75	48.09	1112.20	1.02
239	**-5	4.00	37.00	44.14	1116.86	-2.93
240	**-6	4.00	37.00	47.32	1121.50	0.25

241	**-7	4.00	31.00	34.71	1126.28	-12.36
242	**-8	4.00	34.50	38.21	1130.93	-8.86
243	**-9	4.00	36.75	45.16	1135.68	-1.91
244	**-10	4.00	33.75	44.44	1140.32	-2.63
245	**-11	4.00	30.25	35.23	1145.07	-11.84
246	**-12	4.00	33.00	44.97	1149.70	-2.10
247	**-13	4.00	37.00	43.79	1154.37	-3.28
248	**-14	4.00	34.00	43.28	1159.02	-3.79
249	**-15	4.00	29.25	39.69	1163.65	-7.38
250	**-16	4.00	28.00	34.60	1168.29	-12.47
251	**-17	4.00	40.50	60.87	1172.94	13.80
252	**-18	4.00	36.25	44.54	1177.60	-2.53
253	**-1	4.00	35.75	43.35	1182.33	-3.72
254	**-2	4.00	32.00	41.53	1186.97	-5.54
255	**-3	4.00	36.00	38.33	1191.63	-8.74
256	**-4	4.00	35.25	49.14	1196.28	2.07
257	**-5	4.00	34.50	39.23	1200.94	-7.84
258	**-6	4.00	36.25	40.76	1205.58	-6.31
259	**-7	4.00	34.00	36.82	1210.21	-10.25
260	**-8	4.00	31.25	37.95	1214.96	-9.12
261	**-9	4.00	37.00	42.26	1219.60	-4.81
262	**-10	4.00	40.25	52.75	1224.23	5.68
263	**-11	4.00	34.50	34.65	1228.88	-12.42
264	**-12	4.00	38.75	46.26	1233.52	-0.81
265	**-13	4.00	36.00	55.84	1238.16	8.77
266	**-14	4.00	33.00	46.36	1242.83	-0.71
267	**-15	4.00	31.75	37.10	1247.47	-9.97
268	**-16	4.00	38.00	46.78	1252.14	-0.29
269	**-17	4.00	36.25	44.29	1256.82	-2.78
270	**-18	4.00	36.25	43.25	1261.48	-3.82
271	**-1	4.00	30.75	29.53	1266.21	-17.54
272	**-2	4.00	40.75	55.63	1270.89	8.56
273	**-3	4.00	33.50	41.64	1275.54	-5.43
274	**-4	4.00	34.75	40.10	1280.18	-6.97
275	**-5	4.00	32.25	33.42	1284.81	-13.65
276	**-6	4.00	33.00	37.26	1289.45	-9.81
277	**-7	4.00	34.00	41.90	1294.23	-5.17

278	**-8	4.00	39.75	47.00	1298.88	-0.07		
279	**-9	4.00	40.00	50.44	1303.66	3.37		
280	**-10	4.00	36.50	51.52	1308.42	4.45		
281	**-11	4.00	31.25	34.92	1313.07	-12.15		
282	**-12	4.00	31.25	38.88	1317.81	-8.19		
283	**-13	4.00	34.00	37.44	1322.48	-9.63		
284	**-14	4.00	32.50	32.55	1327.12	-14.52		
285	**-15	4.00	35.75	38.96	1331.75	-8.11		
286	**-16	4.00	34.25	47.11	1336.39	0.04		
287	**-17	4.00	40.00	49.07	1341.00	2.00		
288	**-18	4.00	38.00	48.31	1345.64	1.24		
289	**-1	4.00	29.50	33.46	1350.50	-13.61		
290	**-2	4.00	32.25	40.41	1355.17	-6.66		
291	**-3	4.00	35.75	39.48	1359.84	-7.59		
292	**-4	4.00	26.25	26.03	1364.48	-21.04		
293	**-5	4.00	37.50	55.42	1369.11	8.35		
294	**-6	4.00	30.00	35.73	1373.78	-11.34		
295	**-7	4.00	32.75	36.58	1378.53	-10.49		
296	**-8	4.00	35.50	37.55	1383.17	-9.52		
297	**-9	4.00	29.75	36.75	1387.80	-10.32		
298	**-10	4.00	29.75	32.18	1392.44	-14.89		
299	**-11	4.00	31.25	35.48	1397.07	-11.59		
300	**-12	4.00	28.00	28.40	1401.70	-18.67		
301	**-13	4.00	35.75	41.36	1406.33	-5.71		
302	**-14	4.00	31.50	40.68	1410.96	-6.39		
303	**-15	4.00	30.00	39.79	1415.61	-7.28		
304	**-16	4.00	36.50	53.67	1420.25	6.60		
305	**-17	4.00	31.50	43.84	1424.92	-3.23		
306	**-18	4.00	29.25	33.33	1429.56	-13.74		
307	**-1	4.00	34.75	40.23	1434.30	-6.84		
308	**-2	4.00	39.75	107.85	1439.02	60.78		
309	**-3	4.00	29.50	36.23	1443.64	-10.84		
310	**-4	4.00	36.00	41.08	1448.29	-5.99		
						-4.53	AVE	DPM

Instrument Type: LS 6000
Data Capture Date: 13 Feb 2006 10:17:08
User Filename: A:\USER09\U0921301.BSF

Efficiency H-3 = 64.39 %

Efficiency C-14 = 95.86 %

WIPES 09
FLOOR ROOM #2 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sample	Rack	Time		CPM Iso1		DPM Iso1		ElTime	BKG.SUB DPM
1	**-1	4.00	BKG	33.50	BKG	39.60	BKG	4.48	
2	**-2	4.00		35.25		43.26		9.08	3.66
3	**-3	4.00		36.25		44.16		13.70	4.56
4	**-4	4.00		37.50		46.90		18.35	7.30
5	**-5	4.00		36.25		46.57		23.01	6.97
6	**-6	4.00		31.00		36.21		27.63	-3.39
7	**-7	4.00		35.50		49.50		32.40	9.90
8	**-8	4.00		29.75		33.83		37.18	-5.77
9	**-9	4.00		36.75		37.65		41.96	-1.95
10	**-10	4.00		38.50		45.91		46.59	6.31
11	**-11	4.00		35.50		45.82		51.22	6.22
12	**-12	4.00		34.50		41.64		55.86	2.04
13	**-13	4.00		38.75		45.11		60.48	5.51
14	**-14	4.00		32.25		37.61		65.25	-1.99
15	**-15	4.00		39.50		48.54		69.93	8.94
16	**-16	4.00		35.25		44.29		74.56	4.69
17	**-17	4.00		40.00		45.98		79.34	6.38
18	**-18	4.00		32.75		40.91		83.98	1.31
19	**-1	4.00		34.75		44.54		88.71	4.94
20	**-2	4.00		29.50		43.61		93.37	4.01
21	**-3	4.00		37.75		46.28		98.02	6.68

22	**-4	4.00	32.50	36.83	102.77	-2.77
23	**-5	4.00	31.75	37.73	107.54	-1.87
24	**-6	4.00	33.75	45.34	112.17	5.74
25	**-7	4.00	32.25	44.09	116.85	4.49
26	**-8	4.00	29.75	31.67	121.63	-7.93
27	**-9	4.00	29.50	39.44	126.27	-0.16
28	**-10	4.00	34.00	44.19	131.04	4.59
29	**-11	4.00	36.50	43.26	135.82	3.66
30	**-12	4.00	33.50	40.38	140.61	0.78
31	**-13	4.00	31.00	39.91	145.25	0.31
32	**-14	4.00	28.75	32.34	149.92	-7.26
33	**-15	4.00	33.00	35.70	154.60	-3.90
34	**-16	4.00	36.25	41.36	159.23	1.76
35	**-17	4.00	36.25	47.19	163.89	7.59
36	**-18	4.00	32.25	40.29	168.53	0.69
37	**-1	4.00	36.50	44.14	173.40	4.54
38	**-2	4.00	29.75	37.76	178.07	-1.84
39	**-3	4.00	35.00	45.82	182.70	6.22
40	**-4	4.00	30.00	42.96	187.35	3.36
41	**-5	4.00	37.50	47.94	192.02	8.34
42	**-6	4.00	36.50	50.62	196.81	11.02
43	**-7	4.00	33.50	41.13	201.46	1.53
44	**-8	4.00	33.50	41.54	206.09	1.94
45	**-9	4.00	36.75	41.23	210.88	1.63
46	**-10	4.00	30.75	35.98	215.66	-3.62
47	**-11	4.00	29.50	32.18	220.31	-7.42
48	**-12	4.00	30.75	37.91	224.94	-1.69
49	**-13	4.00	35.75	43.89	229.59	4.29
50	**-14	4.00	34.25	40.36	234.36	0.76
51	**-15	4.00	34.00	47.99	239.01	8.39
52	**-16	4.00	30.25	33.65	243.65	-5.95
53	**-17	4.00	31.75	47.00	248.29	7.40
54	**-18	4.00	32.75	46.63	252.94	7.03
55	**-1	4.00	38.00	44.66	257.90	5.06
56	**-2	4.00	38.00	45.76	262.56	6.16
57	**-3	4.00	28.75	36.38	267.34	-3.22
58	**-4	4.00	26.50	30.46	271.97	-9.14

59	**-5	4.00	36.25	42.73	276.63	3.13
60	**-6	4.00	36.50	42.85	281.39	3.25
61	**-7	4.00	37.75	51.87	286.15	12.27
62	**-8	4.00	36.00	44.78	290.81	5.18
63	**-9	4.00	29.75	37.13	295.45	-2.47
64	**-10	4.00	31.50	37.73	300.08	-1.87
65	**-11	4.00	35.50	42.14	304.87	2.54
66	**-12	4.00	30.75	35.33	309.54	-4.27
67	**-13	4.00	29.00	33.20	314.30	-6.40
68	**-14	4.00	32.00	35.70	318.93	-3.90
69	**-15	4.00	33.50	36.41	323.57	-3.19
70	**-16	4.00	34.00	44.32	328.20	4.72
71	**-17	4.00	34.50	55.01	332.84	15.41
72	**-18	4.00	34.50	43.79	337.49	4.19
73	**-1	4.00	29.25	35.11	342.28	-4.49
74	**-2	4.00	34.00	50.15	347.04	10.55
75	**-3	4.00	33.25	42.78	351.72	3.18
76	**-4	4.00	33.75	43.66	356.37	4.06
77	**-5	4.00	29.75	34.52	361.00	-5.08
78	**-6	4.00	34.25	39.73	365.63	0.13
79	**-7	4.00	36.25	41.85	370.40	2.25
80	**-8	4.00	33.50	34.40	375.06	-5.20
81	**-9	4.00	37.25	53.77	379.85	14.17
82	**-10	4.00	28.25	34.39	384.61	-5.21
83	**-11	4.00	33.25	36.43	389.25	-3.17
84	**-12	4.00	30.50	39.01	394.04	-0.59
85	**-13	4.00	32.00	36.96	398.67	-2.64
86	**-14	4.00	33.00	43.72	403.30	4.12
87	**-15	4.00	31.75	37.98	407.98	-1.62
88	**-16	4.00	29.00	38.66	412.62	-0.94
89	**-17	4.00	33.50	43.03	417.25	3.43
90	**-18	4.00	34.75	54.51	421.90	14.91
91	**-1	4.00	28.25	38.43	426.64	-1.17
92	**-2	4.00	34.50	48.62	431.28	9.02
93	**-3	4.00	34.75	48.75	435.93	9.15
94	**-4	4.00	29.50	37.38	440.59	-2.22
95	**-5	4.00	33.00	49.12	445.24	9.52

96	**-6	4.00	32.50	49.54	449.90	9.94
97	**-7	4.00	35.75	50.37	454.55	10.77
98	**-8	4.00	33.25	46.86	459.33	7.26
99	**-9	4.00	35.75	44.94	463.97	5.34
100	**-10	4.00	29.50	36.37	468.75	-3.23
101	**-11	4.00	35.75	44.66	473.38	5.06
102	**-12	4.00	33.75	46.59	478.14	6.99
103	**-13	4.00	32.25	40.79	482.77	1.19
104	**-14	4.00	37.00	41.61	487.42	2.01
105	**-15	4.00	30.00	34.08	492.06	-5.52
106	**-16	4.00	31.50	42.82	496.71	3.22
107	**-17	4.00	33.50	43.66	501.39	4.06
108	**-18	4.00	31.50	34.80	506.14	-4.80
109	**-1	4.00	33.25	38.98	511.03	-0.62
110	**-2	4.00	33.25	37.89	515.66	-1.71
111	**-3	4.00	33.00	42.29	520.42	2.69
112	**-4	4.00	33.75	46.84	525.05	7.24
113	**-5	4.00	36.00	44.41	529.84	4.81
114	**-6	4.00	28.50	33.36	534.47	-6.24
115	**-7	4.00	31.50	39.25	539.15	-0.35
116	**-8	4.00	32.50	49.01	543.91	9.41
117	**-9	4.00	30.25	45.52	548.70	5.92
118	**-10	4.00	32.50	42.04	553.36	2.44
119	**-11	4.00	31.25	40.29	557.99	0.69
120	**-12	4.00	32.25	38.48	562.75	-1.12
121	**-13	4.00	34.50	44.91	567.41	5.31
122	**-14	4.00	24.75	33.53	572.05	-6.07
123	**-15	4.00	36.00	42.48	576.70	2.88
124	**-16	4.00	37.75	43.25	581.36	3.65
125	**-17	4.00	32.50	43.69	586.12	4.09
126	**-18	4.00	38.25	48.44	590.75	8.84
127	**-1	4.00	35.25	47.84	595.54	8.24
128	**-2	4.00	32.50	38.48	600.17	-1.12
129	**-3	4.00	35.75	36.90	604.80	-2.70
130	**-4	4.00	33.25	43.03	609.55	3.43
131	**-5	4.00	34.25	42.51	614.29	2.91
132	**-6	4.00	31.00	41.06	619.08	1.46

Instrument Type: LS 6000
Data Capture Date: 1 Feb 2006 13:51:35
User Filename: A:\USER11\U1120102.BSF

Efficiency H-3 = 64.39 %

Efficiency C-14 = 95.86 %

WIPES 11
FLOOR ROOM #3 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1	ElTime	
1	**-1	4.00	28.50	**34.00 BKG.**	4.48	**BKG. SUB**
2	**-2	4.00	34.50	60.21	9.14	26.21
3	**-3	4.00	34.75	44.58	13.79	10.58
4	**-4	4.00	34.75	57.61	18.59	23.61
5	**-5	4.00	34.50	50.54	23.35	16.54
6	**-6	4.00	41.25	81.46	28.03	47.46
7	**-7	4.00	40.75	73.42	32.74	39.42
8	**-8	4.00	43.00	76.12	37.40	42.12
9	**-9	4.00	39.50	59.61	42.19	25.61
10	**-10	4.00	37.00	63.32	46.87	29.32
11	**-11	4.00	37.00	51.18	51.64	17.18
12	**-12	4.00	36.00	60.10	56.45	26.10
13	**-13	4.00	40.50	58.60	61.14	24.60
14	**-14	4.00	35.00	54.26	65.79	20.26
15	**-15	4.00	42.25	79.81	70.50	45.81
16	**-16	4.00	35.25	47.57	75.15	13.57
17	**-17	4.00	41.75	71.73	79.93	37.73
18	**-18	4.00	38.50	61.59	84.63	27.59
19	**-1	4.00	35.75	37.11	89.53	3.11
20	**-2	4.00	31.50	42.01	94.22	8.01
21	**-3	4.00	42.50	71.83	99.02	37.83

22	**-4	4.00	29.50	47.65	103.80	13.65
23	**-5	4.00	44.25	75.35	108.50	41.35
24	**-6	4.00	36.00	54.94	113.31	20.94
25	**-7	4.00	36.75	49.92	118.07	15.92
26	**-8	4.00	34.25	48.55	122.86	14.55
27	**-9	4.00	36.00	62.93	127.68	28.93
28	**-10	4.00	36.75	53.88	132.44	19.88
29	**-11	4.00	35.25	48.93	137.10	14.93
30	**-12	4.00	36.00	55.10	141.79	21.10
31	**-13	4.00	43.75	75.19	146.50	41.19
32	**-14	4.00	42.00	66.61	151.16	32.61
33	**-15	4.00	38.25	62.15	155.82	28.15
34	**-16	4.00	39.75	63.85	160.52	29.85
35	**-17	4.00	32.00	47.83	165.17	13.83
36	**-18	4.00	38.25	57.73	169.86	23.73
37	**-1	4.00	33.00	54.07	174.62	20.07
38	**-2	4.00	32.50	39.02	179.27	5.02
39	**-3	4.00	35.25	50.19	183.91	16.19
40	**-4	4.00	32.75	37.25	188.67	3.25
41	**-5	4.00	38.00	51.56	193.45	17.56
42	**-6	4.00	36.75	46.48	198.25	12.48
43	**-7	4.00	32.75	54.21	203.05	20.21
44	**-8	4.00	39.75	60.79	207.84	26.79
45	**-9	4.00	32.00	47.46	212.60	13.46
46	**-10	4.00	38.00	54.96	217.26	20.96
47	**-11	4.00	42.25	59.40	222.06	25.40
48	**-12	4.00	31.75	47.55	226.86	13.55
49	**-13	4.00	37.00	49.43	231.55	15.43
50	**-14	4.00	35.00	51.82	236.19	17.82
51	**-15	4.00	33.50	50.13	240.87	16.13
52	**-16	4.00	33.25	46.66	245.52	12.66
53	**-17	4.00	32.75	39.59	250.17	5.59
54	**-18	4.00	31.75	55.33	254.84	21.33
55	**-1	4.00	36.00	49.73	259.58	15.73
56	**-2	4.00	40.75	63.96	264.27	29.96
57	**-3	4.00	34.25	40.62	268.89	6.62
58	**-4	4.00	44.75	60.98	273.69	26.98

59	**-5	4.00	35.50	39.22	278.47	5.22
60	**-6	4.00	33.00	48.58	283.12	14.58
61	**-7	4.00	33.00	43.86	287.78	9.86
62	**-8	4.00	42.00	54.51	292.58	20.51
63	**-9	4.00	25.75	27.99	297.26	-6.01
64	**-10	4.00	32.25	37.98	302.04	3.98
65	**-11	4.00	37.25	59.09	306.67	25.09
66	**-12	4.00	36.50	42.97	311.32	8.97
67	**-13	4.00	34.75	42.49	315.96	8.49
68	**-14	4.00	38.00	54.47	320.61	20.47
69	**-15	4.00	31.25	41.43	325.27	7.43
70	**-16	4.00	36.25	41.44	329.97	7.44
71	**-17	4.00	39.00	53.00	334.73	19.00
72	**-18	4.00	34.75	50.07	339.41	16.07
73	**-1	4.00	33.50	43.57	344.18	9.57
74	**-2	4.00	34.25	54.76	349.00	20.76
75	**-3	4.00	33.75	42.55	353.79	8.55
76	**-4	4.00	34.00	47.80	358.43	13.80
77	**-5	4.00	31.00	40.43	363.08	6.43
78	**-6	4.00	35.75	38.66	367.87	4.66
79	**-7	4.00	32.75	43.66	372.66	9.66
80	**-8	4.00	37.50	51.56	377.34	17.56
81	**-9	4.00	34.50	47.52	381.99	13.52
82	**-10	4.00	32.50	40.45	386.78	6.45
83	**-11	4.00	35.25	55.80	391.43	21.80
84	**-12	4.00	34.75	43.39	396.22	9.39
85	**-13	4.00	37.75	52.95	400.86	18.95
86	**-14	4.00	36.25	46.65	405.51	12.65
87	**-15	4.00	32.50	36.99	410.19	2.99
88	**-16	4.00	37.50	42.52	414.84	8.52
89	**-17	4.00	33.25	42.19	419.53	8.19
90	**-18	4.00	29.00	37.41	424.18	3.41
91	**-1	4.00	39.00	52.86	428.95	18.86
92	**-2	4.00	35.00	47.38	433.60	13.38
93	**-3	4.00	32.25	42.47	438.28	8.47
94	**-4	4.00	34.00	47.67	442.93	13.67
95	**-5	4.00	28.75	32.36	447.57	-1.64

96	**-6	4.00	39.00	58.88	452.27	24.88
97	**-7	4.00	32.75	32.47	457.04	-1.53
98	**-8	4.00	35.00	42.74	461.81	8.74
99	**-9	4.00	34.50	47.09	466.56	13.09
100	**-10	4.00	32.00	35.36	471.33	1.36
101	**-11	4.00	36.50	52.54	476.01	18.54
102	**-12	4.00	34.00	54.28	480.67	20.28
103	**-13	4.00	36.00	54.69	485.44	20.69
104	**-14	4.00	34.75	44.66	490.15	10.66
105	**-15	4.00	35.50	47.05	494.81	13.05
106	**-16	4.00	39.00	53.61	499.48	19.61
107	**-17	4.00	33.75	40.86	504.16	6.86
108	**-18	4.00	38.00	53.30	508.93	19.30
109	**-1	4.00	32.25	43.11	513.69	9.11
110	**-2	4.00	31.00	42.69	518.33	8.69
111	**-3	4.00	31.50	29.83	522.97	-4.17
112	**-4	4.00	41.50	54.71	527.62	20.71
113	**-5	4.00	39.75	49.21	532.26	15.21
114	**-6	4.00	29.75	40.02	537.02	6.02
115	**-7	4.00	34.75	43.24	541.71	9.24
116	**-8	4.00	33.25	46.29	546.50	12.29
117	**-9	4.00	33.75	42.63	551.25	8.63
118	**-10	4.00	33.25	42.57	555.94	8.57
119	**-11	4.00	33.50	43.57	560.58	9.57
120	**-12	4.00	35.75	49.49	565.22	15.49
121	**-13	4.00	37.75	51.34	569.91	17.34
122	**-14	4.00	34.00	39.61	574.55	5.61
123	**-15	4.00	34.50	51.34	579.20	17.34
124	**-16	4.00	32.50	38.91	583.87	4.91
125	**-17	4.00	35.75	55.40	588.51	21.40
126	**-18	4.00	34.00	41.74	593.16	7.74
127	**-1	4.00	36.50	45.86	597.92	11.86
128	**-2	4.00	36.50	40.97	602.56	6.97
129	**-3	4.00	30.50	32.69	607.20	-1.31
130	**-4	4.00	32.75	43.34	611.99	9.34
131	**-5	4.00	30.25	37.91	616.79	3.91
132	**-6	4.00	34.00	41.16	621.46	7.16

133	**-7	4.00	35.00	46.13	626.22	12.13
134	**-8	4.00	32.50	34.74	630.89	0.74
135	**-9	4.00	34.75	40.19	635.54	6.19
136	**-10	4.00	32.25	48.08	640.27	14.08
137	**-11	4.00	35.25	49.38	644.93	15.38
138	**-12	4.00	35.50	44.19	649.71	10.19
139	**-13	4.00	28.50	38.86	654.38	4.86
140	**-14	4.00	39.00	51.05	659.03	17.05
141	**-15	4.00	32.00	40.19	663.66	6.19
142	**-16	4.00	33.50	45.75	668.35	11.75
143	**-17	4.00	36.50	46.87	672.98	12.87
144	**-18	4.00	32.75	43.57	677.65	9.57
145	**-1	4.00	33.50	45.84	682.39	11.84
146	**-2	4.00	33.25	45.72	687.02	11.72
147	**-3	4.00	34.25	50.18	691.67	16.18
148	**-4	4.00	32.75	48.24	696.45	14.24
149	**-5	4.00	35.75	43.85	701.23	9.85
150	**-6	4.00	34.25	45.90	705.89	11.90
151	**-7	4.00	26.25	36.72	710.54	2.72
152	**-8	4.00	31.50	36.80	715.34	2.80
153	**-9	4.00	37.25	52.85	720.10	18.85
154	**-10	4.00	37.75	47.77	724.77	13.77
155	**-11	4.00	32.75	43.15	729.52	9.15
156	**-12	4.00	37.00	51.71	734.16	17.71
157	**-13	4.00	35.50	47.14	738.81	13.14
158	**-14	4.00	29.50	32.77	743.57	-1.23
159	**-15	4.00	32.50	45.08	748.21	11.08
160	**-16	4.00	27.00	37.27	752.87	3.27
161	**-17	4.00	35.75	36.94	757.51	2.94
162	**-18	4.00	34.25	48.38	762.21	14.38
163	**-1	4.00	34.50	43.35	766.94	9.35
164	**-2	4.00	31.00	40.74	771.59	6.74
165	**-3	4.00	37.25	48.06	776.36	14.06
166	**-4	4.00	32.50	41.49	781.12	7.49
167	**-5	4.00	33.75	42.19	785.90	8.19
168	**-6	4.00	31.25	33.55	790.54	-0.45
169	**-7	4.00	36.75	47.18	795.34	13.18

170	**-8	4.00	33.50	45.18	800.02	11.18	
171	**-9	4.00	31.25	36.93	804.66	2.93	
172	**-10	4.00	37.50	48.41	809.45	14.41	
173	**-11	4.00	30.50	37.91	814.10	3.91	
174	**-12	4.00	33.00	47.02	818.75	13.02	
175	**-13	4.00	38.00	47.32	823.39	13.32	
						14.29	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 2 Feb 2006 22:50:47
User Filename: A:\USER08\U0820202.BSF

Efficiency H-3 = 64.39 %

WIPES 08 **Efficiency C-14 = 95.86 %**
FLOOR ROOM #4 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	30.75	37.05	BKG. DPM	4.61	BKG. SUB
2	**-2	4.00	33.25	59.29		9.39	22.24
3	**-3	4.00	34.75	58.91		14.17	21.86
4	**-4	4.00	34.00	62.19		18.94	25.14
5	**-5	4.00	40.75	57.69		23.61	20.64
6	**-6	4.00	32.50	39.74		28.38	2.69
7	**-7	4.00	34.75	54.50		33.16	17.45
8	**-8	4.00	34.25	52.11		37.96	15.06
9	**-9	4.00	33.50	59.96		42.61	22.91
10	**-10	4.00	30.75	39.12		47.25	2.07
11	**-11	4.00	38.25	52.86		51.94	15.81
12	**-12	4.00	32.00	59.43		56.59	22.38
13	**-13	4.00	37.25	61.18		61.23	24.13
14	**-14	4.00	35.25	79.68		65.91	42.63
15	**-15	4.00	38.50	70.80		70.73	33.75
16	**-16	4.00	31.50	42.20		75.48	5.15
17	**-17	4.00	30.75	40.72		80.13	3.67
18	**-18	4.00	32.75	44.50		84.81	7.45
19	**-1	4.00	35.50	56.54		89.60	19.49
20	**-2	4.00	36.25	59.61		94.27	22.56
21	**-3	4.00	39.75	76.59		99.10	39.54

22	**-4	4.00	34.25	62.59	103.91	25.54
23	**-5	4.00	39.00	74.34	108.58	37.29
24	**-6	4.00	37.00	52.82	113.35	15.77
25	**-7	4.00	34.25	68.06	118.15	31.01
26	**-8	4.00	32.50	52.74	122.96	15.69
27	**-9	4.00	36.00	77.39	127.66	40.34
28	**-10	4.00	32.75	60.00	132.44	22.95
29	**-11	4.00	38.75	73.51	137.11	36.46
30	**-12	4.00	35.75	75.06	141.93	38.01
31	**-13	4.00	42.25	102.13	146.76	65.08
32	**-14	4.00	39.25	68.38	151.44	31.33
33	**-15	4.00	42.00	87.55	156.14	50.50
34	**-16	4.00	38.00	88.14	160.83	51.09
35	**-17	4.00	36.50	65.03	165.50	27.98
36	**-18	4.00	33.50	63.41	170.16	26.36
37	**-1	4.00	32.75	50.59	174.95	13.54
38	**-2	4.00	39.50	70.28	179.61	33.23
39	**-3	4.00	33.75	65.41	184.40	28.36
40	**-4	4.00	37.25	71.24	189.09	34.19
41	**-5	4.00	35.75	62.48	193.75	25.43
42	**-6	4.00	35.50	77.08	198.59	40.03
43	**-7	4.00	39.00	56.66	203.36	19.61
44	**-8	4.00	35.50	50.52	208.18	13.47
45	**-9	4.00	38.50	81.01	212.98	43.96
46	**-10	4.00	39.50	75.37	217.65	38.32
47	**-11	4.00	41.25	81.15	222.46	44.10
48	**-12	4.00	43.50	78.43	227.26	41.38
49	**-13	4.00	31.75	43.90	231.94	6.85
50	**-14	4.00	35.75	48.72	236.74	11.67
51	**-15	4.00	32.25	71.21	241.46	34.16
52	**-16	4.00	38.75	57.59	246.25	20.54
53	**-17	4.00	32.50	64.56	250.94	27.51
54	**-18	4.00	39.75	81.95	255.61	44.90
55	**-1	4.00	36.25	58.48	260.53	21.43
56	**-2	4.00	37.00	51.30	265.19	14.25
57	**-3	4.00	31.00	53.54	270.01	16.49
58	**-4	4.00	34.00	57.06	274.78	20.01

59	**-5	4.00	38.75	65.30	279.47	28.25
60	**-6	4.00	38.75	69.68	284.15	32.63
61	**-7	4.00	35.00	55.24	288.81	18.19
62	**-8	4.00	38.75	83.28	293.63	46.23
63	**-9	4.00	38.50	68.78	298.44	31.73
64	**-10	4.00	36.75	56.26	303.11	19.21
65	**-11	4.00	35.00	69.43	307.89	32.38
66	**-12	4.00	35.50	83.02	312.60	45.97
67	**-13	4.00	35.25	53.52	317.41	16.47
68	**-14	4.00	36.25	63.58	322.10	26.53
69	**-15	4.00	40.75	58.16	326.77	21.11
70	**-16	4.00	31.50	55.94	331.44	18.89
71	**-17	4.00	38.00	62.73	336.10	25.68
72	**-18	4.00	36.00	61.39	340.90	24.34
73	**-1	4.00	31.00	45.45	345.66	8.40
74	**-2	4.00	36.25	50.85	350.43	13.80
75	**-3	4.00	34.25	48.00	355.20	10.95
76	**-4	4.00	35.00	50.46	360.00	13.41
77	**-5	4.00	31.50	39.40	364.80	2.35
78	**-6	4.00	39.25	71.83	369.60	34.78
79	**-7	4.00	32.50	56.16	374.40	19.11
80	**-8	4.00	33.50	41.35	379.08	4.30
81	**-9	4.00	31.50	46.54	383.75	9.49
82	**-10	4.00	33.75	53.60	388.52	16.55
83	**-11	4.00	32.25	34.67	393.17	-2.38
84	**-12	4.00	40.75	85.43	397.95	48.38
85	**-13	4.00	37.25	60.03	402.76	22.98
86	**-14	4.00	34.25	55.88	407.42	18.83
87	**-15	4.00	31.25	39.15	412.23	2.10
88	**-16	4.00	36.25	65.44	417.04	28.39
89	**-17	4.00	31.50	41.29	421.70	4.24
90	**-18	4.00	28.00	48.70	426.39	11.65
91	**-1	4.00	36.25	47.14	431.26	10.09
92	**-2	4.00	38.00	75.55	436.03	38.50
93	**-3	4.00	32.50	44.25	440.82	7.20
94	**-4	4.00	33.50	58.99	445.63	21.94
95	**-5	4.00	31.00	39.47	450.40	2.42

96	**-6	4.00	35.25	52.74	455.05	15.69		
97	**-7	4.00	37.75	58.36	459.85	21.31		
98	**-8	4.00	36.50	52.11	464.50	15.06		
99	**-9	4.00	33.00	51.89	469.29	14.84		
100	**-10	4.00	35.00	50.21	474.05	13.16		
101	**-11	4.00	38.25	57.76	478.74	20.71		
102	**-12	4.00	28.50	38.17	483.54	1.12		
103	**-13	4.00	32.75	59.31	488.18	22.26		
104	**-14	4.00	33.25	43.02	492.88	5.97		
105	**-15	4.00	31.00	37.65	497.55	0.60		
106	**-16	4.00	34.25	55.43	502.23	18.38		
107	**-17	4.00	33.25	52.48	506.90	15.43		
108	**-18	4.00	32.25	51.54	511.54	14.49		
109	**-1	4.00	33.50	49.81	516.32	12.76		
110	**-2	4.00	35.25	47.15	520.98	10.10		
111	**-3	4.00	36.50	52.56	525.78	15.51		
112	**-4	4.00	35.50	56.48	530.43	19.43		
113	**-5	4.00	29.00	41.95	535.17	4.90		
114	**-6	4.00	26.75	36.49	539.92	-0.56		
						21.87	**AVE**	**DPM**

Instrument Type: LS 6000
Data Capture Date: 14 Feb 2006 20:45:25
User Filename: A:\USER07\U0721401.BSF

Efficiency H-3 = 64.39 %

WIPES 07 **Efficiency C-14 = 95.86 %**
FLOOR ROOM #5 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	36.25	**45.16**	**BKG. DPM**	4.46	**BKG. SUB**
2	**-2	4.00	29.50	34.08		9.08	-11.08
3	**-3	4.00	37.25	50.58		13.83	5.42
4	**-4	4.00	32.50	41.40		18.59	-3.76
5	**-5	4.00	34.00	40.35		23.22	-4.81
6	**-6	4.00	33.25	39.36		27.87	-5.80
7	**-7	4.00	33.25	39.86		32.64	-5.30
8	**-8	4.00	38.00	45.14		37.30	-0.02
9	**-9	4.00	32.25	49.04		41.91	3.88
10	**-10	4.00	38.00	46.78		46.66	1.62
11	**-11	4.00	30.50	37.38		51.29	-7.78
12	**-12	4.00	31.25	33.68		55.93	-11.48
13	**-13	4.00	34.25	48.37		60.70	3.21
14	**-14	4.00	35.75	38.30		65.33	-6.86
15	**-15	4.00	35.25	48.72		69.98	3.56
16	**-16	4.00	32.00	36.33		74.73	-8.83
17	**-17	4.00	37.75	51.09		79.51	5.93
18	**-18	4.00	37.00	42.61		84.17	-2.55
19	**-1	4.00	32.50	37.61		88.91	-7.55
20	**-2	4.00	32.00	39.87		93.59	-5.29
21	**-3	4.00	33.00	41.39		98.27	-3.77

22	**-4	4.00	31.25	44.59	102.90	-0.57
23	**-5	4.00	30.25	34.98	107.68	-10.18
24	**-6	4.00	34.00	45.47	112.34	0.31
25	**-7	4.00	41.25	49.91	117.13	4.75
26	**-8	4.00	37.50	52.23	121.80	7.07
27	**-9	4.00	34.00	36.68	126.43	-8.48
28	**-10	4.00	37.00	49.46	131.20	4.30
29	**-11	4.00	34.75	36.30	135.87	-8.86
30	**-12	4.00	35.00	42.00	140.64	-3.16
31	**-13	4.00	36.25	45.41	145.30	0.25
32	**-14	4.00	37.00	39.21	149.93	-5.95
33	**-15	4.00	33.25	42.03	154.60	-3.13
34	**-16	4.00	33.75	40.50	159.24	-4.66
35	**-17	4.00	34.25	44.93	164.03	-0.23
36	**-18	4.00	34.50	43.29	168.70	-1.87
37	**-1	4.00	31.50	40.41	173.43	-4.75
38	**-2	4.00	35.25	40.86	178.07	-4.30
39	**-3	4.00	36.75	42.10	182.72	-3.06
40	**-4	4.00	31.75	34.71	187.46	-10.45
41	**-5	4.00	33.75	34.03	192.24	-11.13
42	**-6	4.00	31.25	42.05	197.02	-3.11
43	**-7	4.00	34.00	46.96	201.78	1.80
44	**-8	4.00	37.00	42.86	206.45	-2.30
45	**-9	4.00	32.50	33.65	211.11	-11.51
46	**-10	4.00	35.50	51.63	215.79	6.47
47	**-11	4.00	31.25	37.48	220.42	-7.68
48	**-12	4.00	36.75	39.71	225.10	-5.45
49	**-13	4.00	39.75	46.06	229.77	0.90
50	**-14	4.00	34.75	42.00	234.40	-3.16
51	**-15	4.00	27.50	36.39	239.15	-8.77
52	**-16	4.00	32.75	46.86	243.79	1.70
53	**-17	4.00	37.50	47.91	248.46	2.75
54	**-18	4.00	32.75	44.31	253.10	-0.85
55	**-1	4.00	39.25	53.21	257.85	8.05
56	**-2	4.00	32.25	41.90	262.49	-3.26
57	**-3	4.00	38.25	53.00	267.15	7.84
58	**-4	4.00	30.25	38.01	271.81	-7.15

59	**-5	4.00	37.00	48.94	276.59	3.78
60	**-6	4.00	36.25	47.47	281.25	2.31
61	**-7	4.00	37.00	56.31	285.91	11.15
62	**-8	4.00	35.25	51.65	290.55	6.49
63	**-9	4.00	30.50	40.04	295.21	-5.12
64	**-10	4.00	30.25	37.26	299.84	-7.90
65	**-11	4.00	37.50	49.83	304.49	4.67
66	**-12	4.00	31.75	37.36	309.26	-7.80
67	**-13	4.00	37.25	41.33	314.03	-3.83
68	**-14	4.00	33.25	41.50	318.67	-3.66
69	**-15	4.00	32.00	35.08	323.34	-10.08
70	**-16	4.00	29.50	35.61	328.01	-9.55
71	**-17	4.00	33.25	42.20	332.65	-2.96
72	**-18	4.00	33.50	47.48	337.29	2.32
73	**-1	4.00	31.75	39.26	342.02	-5.90
74	**-2	4.00	32.00	46.11	346.66	0.95
75	**-3	4.00	33.75	45.19	351.29	0.03
76	**-4	4.00	30.75	40.93	355.94	-4.23
77	**-5	4.00	28.00	33.92	360.59	-11.24
78	**-6	4.00	36.75	44.76	365.24	-0.40
79	**-7	4.00	28.50	40.84	370.01	-4.32
80	**-8	4.00	38.25	51.87	374.68	6.71
81	**-9	4.00	38.50	47.91	379.43	2.75
82	**-10	4.00	35.50	46.07	384.08	0.91
83	**-11	4.00	33.50	38.73	388.72	-6.43
84	**-12	4.00	32.25	40.51	393.36	-4.65
85	**-13	4.00	31.50	39.13	398.04	-6.03
86	**-14	4.00	32.75	58.16	402.71	13.00
87	**-15	4.00	35.25	65.85	407.37	20.69
88	**-16	4.00	36.75	49.53	412.01	4.37
89	**-17	4.00	35.25	46.82	416.65	1.66
90	**-18	4.00	29.25	36.25	421.33	-8.91
91	**-1	4.00	31.25	43.57	426.19	-1.59
92	**-2	4.00	33.75	44.93	430.83	-0.23
93	**-3	4.00	40.00	55.89	435.62	10.73
94	**-4	4.00	34.00	53.44	440.28	8.28
95	**-5	4.00	35.75	46.32	445.04	1.16

96	**-6	4.00	34.50	54.19	449.71	9.03	
97	**-7	4.00	35.25	52.33	454.36	7.17	
98	**-8	4.00	33.50	92.55	459.04	47.39	
99	**-9	4.00	36.25	71.05	463.85	25.89	
100	**-10	4.00	35.75	55.64	468.64	10.48	
101	**-11	4.00	35.00	43.39	473.27	-1.77	
102	**-12	4.00	32.75	58.72	477.93	13.56	
103	**-13	4.00	32.50	43.57	482.58	-1.59	
104	**-14	4.00	35.75	48.47	487.23	3.31	
105	**-15	4.00	32.75	68.42	491.91	23.26	
106	**-16	4.00	33.50	49.65	496.57	4.49	
107	**-17	4.00	33.50	50.76	501.26	5.60	
108	**-18	4.00	32.50	39.75	505.89	-5.41	
						-0.10	AVERAGE DPM

Instrument Type: LS 6000
Data Capture Date: 15 Feb 2006 05:11:38
User Filename: A:\USER11\U1121501.BSF

Efficiency H-3 = 64.39 %

WIPES 11 **Efficiency C-14 = 95.86 %**
FLOOR ROOM #6 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	35.25	**43.79**	**BKG. DPM**	4.62	**BKG. SUB**
2	**-2	4.00	31.50	41.16		9.24	-2.63
3	**-3	4.00	28.00	36.25		14.02	-7.54
4	**-4	4.00	32.75	40.11		18.63	-3.68
5	**-5	4.00	30.00	35.86		23.41	-7.93
6	**-6	4.00	28.25	39.19		28.03	-4.60
7	**-7	4.00	32.75	41.28		32.69	-2.51
8	**-8	4.00	30.75	42.97		37.47	-0.82
9	**-9	4.00	29.50	42.59		42.11	-1.20
10	**-10	4.00	34.75	44.66		46.76	0.87
11	**-11	4.00	30.25	46.36		51.42	2.57
12	**-12	4.00	29.00	33.20		56.21	-10.59
13	**-13	4.00	34.00	44.41		61.00	0.62
14	**-14	4.00	34.50	54.95		65.78	11.16
15	**-15	4.00	28.50	35.89		70.40	-7.90
16	**-16	4.00	30.50	37.76		75.20	-6.03
17	**-17	4.00	35.25	42.39		79.87	-1.40
18	**-18	4.00	31.25	48.79		84.65	5.00
19	**-1	4.00	33.25	41.51		89.42	-2.28
20	**-2	4.00	28.00	36.63		94.16	-7.16
21	**-3	4.00	31.00	42.44		98.80	-1.35

22	**-4	4.00	35.75	37.80	103.45	-5.99
23	**-5	4.00	32.00	50.54	108.11	6.75
24	**-6	4.00	31.25	36.23	112.75	-7.56
25	**-7	4.00	31.75	42.82	117.40	-0.97
26	**-8	4.00	40.75	62.22	122.18	18.43
27	**-9	4.00	38.50	42.30	126.99	-1.49
28	**-10	4.00	33.75	38.21	131.60	-5.58
29	**-11	4.00	38.25	49.81	136.40	6.02
30	**-12	4.00	28.25	32.46	141.04	-11.33
31	**-13	4.00	33.00	39.36	145.67	-4.43
32	**-14	4.00	32.50	53.20	150.33	9.41
33	**-15	4.00	38.25	47.78	154.96	3.99
34	**-16	4.00	31.75	47.89	159.64	4.10
35	**-17	4.00	38.50	55.65	164.41	11.86
36	**-18	4.00	31.75	39.64	169.17	-4.15
37	**-1	4.00	32.50	39.36	173.91	-4.43
38	**-2	4.00	33.50	37.83	178.56	-5.96
39	**-3	4.00	28.50	33.33	183.24	-10.46
40	**-4	4.00	31.25	35.83	187.98	-7.96
41	**-5	4.00	32.50	45.34	192.63	1.55
42	**-6	4.00	29.00	40.44	197.41	-3.35
43	**-7	4.00	33.75	39.07	202.17	-4.72
44	**-8	4.00	33.25	76.41	206.93	32.62
45	**-9	4.00	34.00	42.89	211.58	-0.90
46	**-10	4.00	27.25	51.38	216.37	7.59
47	**-11	4.00	33.25	56.12	221.02	12.33
48	**-12	4.00	32.00	44.51	225.66	0.72
49	**-13	4.00	29.75	39.04	230.34	-4.75
50	**-14	4.00	32.25	40.39	234.99	-3.40
51	**-15	4.00	36.00	46.04	239.78	2.25
52	**-16	4.00	34.00	40.27	244.54	-3.52
53	**-17	4.00	31.25	49.04	249.34	5.25
54	**-18	4.00	31.25	49.54	253.99	5.75
55	**-1	4.00	29.50	39.91	258.86	-3.88
56	**-2	4.00	29.75	49.35	263.66	5.56
57	**-3	4.00	32.25	39.14	268.33	-4.65
58	**-4	4.00	32.75	41.38	272.97	-2.41

59	**-5	4.00	29.25	49.07	277.61	5.28
60	**-6	4.00	30.00	34.46	282.36	-9.33
61	**-7	4.00	32.25	47.62	287.01	3.83
62	**-8	4.00	32.50	42.66	291.75	-1.13
63	**-9	4.00	35.75	40.97	296.50	-2.82
64	**-10	4.00	30.75	37.10	301.30	-6.69
65	**-11	4.00	32.75	39.11	306.09	-4.68
66	**-12	4.00	31.00	43.30	310.89	-0.49
						-0.48 AVERAGE DPM

Data Capture Date: 2 Feb 2006 11:44:12
User Filename: A:\USER01\U0120202.BSF

Efficiency H-3 = 64.39 %

WIPES 01
FLOOR ROOM #7 WIPE TEST **Efficiency C-14 = 95.86 %**
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	34.50	39.60	BKG. DPM	4.46	BKG. SUB
2	**-2	4.00	30.25	39.50		9.20	-0.10
3	**-3	4.00	36.75	52.06		13.82	12.46
4	**-4	4.00	28.50	36.10		18.49	-3.50
5	**-5	4.00	32.75	34.55		23.12	-5.05
6	**-6	4.00	35.75	58.81		27.88	19.21
7	**-7	4.00	28.75	36.55		32.54	-3.05
8	**-8	4.00	33.00	44.12		37.17	4.52
9	**-9	4.00	36.50	43.22		41.92	3.62
10	**-10	4.00	31.75	43.32		46.70	3.72
11	**-11	4.00	35.75	42.42		51.37	2.82
12	**-12	4.00	34.00	45.00		56.03	5.40
13	**-13	4.00	33.50	41.12		60.69	1.52
14	**-14	4.00	36.00	36.95		65.34	-2.65
15	**-15	4.00	31.00	35.95		70.01	-3.65
16	**-16	4.00	37.50	50.25		74.77	10.65
17	**-17	4.00	31.00	47.84		79.40	8.24
18	**-18	4.00	34.75	45.44		84.06	5.84
19	**-1	4.00	33.00	43.85		88.81	4.25
20	**-2	4.00	32.00	37.30		93.46	-2.30
21	**-3	4.00	35.25	39.79		98.09	0.19
22	**-4	4.00	37.25	45.90		102.74	6.30

23	**-5	4.00	35.25	40.22	107.52	0.62
24	**-6	4.00	34.50	40.25	112.17	0.65
25	**-7	4.00	33.50	48.95	116.82	9.35
26	**-8	4.00	33.25	39.42	121.49	-0.18
27	**-9	4.00	31.50	34.55	126.16	-5.05
28	**-10	4.00	38.25	51.24	130.95	11.64
29	**-11	4.00	33.50	39.05	135.59	-0.55
30	**-12	4.00	37.00	47.30	140.22	7.70
31	**-13	4.00	38.00	50.12	144.91	10.52
32	**-14	4.00	27.75	31.27	149.58	-8.33
33	**-15	4.00	34.50	38.25	154.33	-1.35
34	**-16	4.00	31.00	42.87	158.98	3.27
35	**-17	4.00	41.00	53.29	163.61	13.69
36	**-18	4.00	33.50	38.70	168.26	-0.90
37	**-1	4.00	33.50	40.55	172.99	0.95
38	**-2	4.00	34.00	39.09	177.77	-0.51
39	**-3	4.00	35.50	45.72	182.57	6.12
40	**-4	4.00	33.75	41.54	187.35	1.94
41	**-5	4.00	35.75	46.80	192.01	7.20
42	**-6	4.00	36.75	46.45	196.77	6.85
43	**-7	4.00	30.25	45.87	201.52	6.27
44	**-8	4.00	27.25	33.65	206.29	-5.95
45	**-9	4.00	33.00	34.05	210.97	-5.55
46	**-10	4.00	30.25	36.20	215.77	-3.40
47	**-11	4.00	40.50	47.91	220.42	8.31
48	**-12	4.00	33.00	40.77	225.05	1.17
49	**-13	4.00	33.25	41.70	229.71	2.10
50	**-14	4.00	35.25	39.50	234.48	-0.10
51	**-15	4.00	34.50	50.61	239.16	11.01
52	**-16	4.00	31.25	42.66	243.82	3.06
53	**-17	4.00	31.50	40.60	248.58	1.00
54	**-18	4.00	37.50	49.22	253.37	9.62
55	**-1	4.00	33.50	41.90	258.21	2.30
56	**-2	4.00	37.25	43.80	262.85	4.20
57	**-3	4.00	31.50	38.85	267.51	-0.75
58	**-4	4.00	33.00	41.00	272.18	1.40
59	**-5	4.00	33.25	46.57	276.85	6.97

60	**-6	4.00	40.75	47.75	281.49	8.15
61	**-7	4.00	31.00	40.47	286.14	0.87
62	**-8	4.00	32.00	45.30	290.81	5.70
63	**-9	4.00	30.25	36.74	295.48	-2.86
64	**-10	4.00	37.00	52.03	300.16	12.43
65	**-11	4.00	32.50	42.95	304.81	3.35
66	**-12	4.00	30.00	33.99	309.60	-5.61
67	**-13	4.00	33.50	40.87	314.28	1.27
68	**-14	4.00	32.75	39.52	319.07	-0.08
69	**-15	4.00	36.50	46.82	323.71	7.22
70	**-16	4.00	*29.50*	*36.72*	*328.37*	*-2.88*
71	**-17	4.00	33.50	45.37	333.02	5.77
72	**-18	4.00	29.75	39.25	337.66	-0.35
73	**-1	4.00	33.75	44.07	342.43	4.47
74	**-2	4.00	35.75	41.75	347.07	2.15
75	**-3	4.00	33.00	41.40	351.76	1.80
76	**-4	4.00	34.50	45.15	356.39	5.55
77	**-5	4.00	31.75	43.37	361.07	3.77
78	**-6	4.00	34.50	47.29	365.73	7.69
79	**-7	4.00	32.50	44.47	370.49	4.87
80	**-8	4.00	33.75	44.14	375.14	4.54
81	**-9	4.00	41.75	51.50	379.93	11.90
82	**-10	4.00	28.00	35.05	384.57	-4.55
83	**-11	4.00	30.25	38.30	389.22	-1.30
84	**-12	4.00	26.25	32.45	394.00	-7.15
85	**-13	4.00	31.50	49.51	398.76	9.91
86	**-14	4.00	29.00	33.80	403.41	-5.80
87	**-15	4.00	35.25	53.83	*408.04*	*14.23*
88	**-16	4.00	36.75	56.37	412.69	16.77
89	**-17	4.00	34.75	38.95	417.35	-0.65
90	**-18	4.00	27.75	30.10	422.01	-9.50
91	**-1	4.00	29.75	31.55	426.77	-8.05
92	**-2	4.00	32.50	40.65	431.45	1.05
93	**-3	4.00	34.75	48.06	436.23	8.46
94	**-4	4.00	33.25	40.47	441.01	0.87
95	**-5	4.00	33.25	39.45	445.64	-0.15
96	**-6	4.00	34.50	39.65	450.30	0.05

97	**-7	4.00	33.25	47.20	454.94	7.60
98	**-8	4.00	30.75	43.50	459.60	3.90
99	**-9	4.00	33.75	40.15	464.38	0.55
100	**-10	4.00	38.75	52.54	469.16	12.94
101	**-11	4.00	26.50	32.02	473.84	-7.58
102	**-12	4.00	34.25	48.54	478.52	8.94
103	**-13	4.00	31.75	43.45	483.16	3.85
104	**-14	4.00	35.25	47.05	487.85	7.45
105	**-15	4.00	32.75	43.90	492.52	4.30
106	**-16	4.00	30.75	39.37	497.21	-0.23
107	**-17	4.00	35.00	41.72	501.84	2.12
108	**-18	4.00	32.00	45.34	506.61	5.74
109	**-1	4.00	32.75	36.85	511.35	-2.75
110	**-2	4.00	33.75	50.24	515.99	10.64
111	**-3	4.00	31.75	33.95	520.64	-5.65
112	**-4	4.00	40.00	55.60	525.41	16.00
113	**-5	4.00	34.75	38.85	530.04	-0.75
114	**-6	4.00	32.75	39.52	534.69	-0.08
115	**-7	4.00	31.50	39.05	539.32	-0.55
116	**-8	4.00	32.25	35.30	544.10	-4.30
117	**-9	4.00	30.25	41.27	548.74	1.67
118	**-10	4.00	34.00	42.45	553.42	2.85
119	**-11	4.00	31.75	36.40	558.05	-3.20
120	**-12	4.00	37.25	41.30	562.71	1.70
121	**-13	4.00	33.75	45.57	567.34	5.97
122	**-14	4.00	34.75	41.47	571.99	1.87
123	**-15	4.00	34.25	41.90	576.63	2.30
124	**-16	4.00	34.25	44.50	581.27	4.90
125	**-17	4.00	34.50	42.15	585.93	2.55
126	**-18	4.00	34.25	55.39	590.61	15.79
127	**-1	4.00	35.25	42.80	595.48	3.20
128	**-2	4.00	28.00	33.15	600.14	-6.45
129	**-3	4.00	30.00	38.52	604.77	-1.08
130	**-4	4.00	31.75	44.87	609.54	5.27
131	**-5	4.00	34.00	44.87	614.33	5.27
132	**-6	4.00	33.75	40.79	618.97	1.19
133	**-7	4.00	34.75	36.05	623.75	-3.55

134	**-8	4.00	31.25	39.15	628.39	-0.45	
135	**-9	4.00	29.50	42.45	633.04	2.85	
136	**-10	4.00	36.00	37.25	637.81	-2.35	
137	**-11	4.00	30.75	34.92	642.45	-4.68	
						2.69	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 30 Jan 2006 13:38:38
User Filename: A:\USER01\U0113001.BSF

Efficiency H-3 = 64.39 %

WIPES 01 **Efficiency C-14 = 95.86 %**
COUNTERS ROOM # 1 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	37.25	**52.30**	**BKG. DPM**	4.62	**BKG. SUB**
2	**-2	4.00	32.00	38.98		9.36	-13.32
3	**-3	4.00	36.50	50.34		14.14	-1.96
4	**-4	4.00	34.25	47.01		18.77	-5.29
5	**-5	4.00	29.50	43.63		23.51	-8.67
6	**-6	4.00	33.75	64.64		28.28	12.34
7	**-7	4.00	35.50	58.50		33.07	6.20
8	**-8	4.00	31.25	48.58		37.84	-3.72
9	**-9	4.00	38.75	44.99		42.62	-7.31
10	**-10	4.00	33.00	46.72		47.37	-5.58
11	**-11	4.00	37.25	68.42		52.18	16.12
12	**-12	4.00	37.50	45.14		56.96	-7.16
13	**-13	4.00	34.25	47.33		61.61	-4.97
14	**-14	4.00	33.25	39.46		66.25	-12.84
15	**-15	4.00	32.50	43.28		71.00	-9.02
16	**-16	4.00	38.25	47.59		75.74	-4.71
17	**-17	4.00	33.00	36.91		80.53	-15.39
18	**-18	4.00	35.75	47.02		85.30	-5.28
19	**-1	4.00	30.75	31.23		90.18	-21.07
20	**-2	4.00	33.25	59.62		94.99	7.32
21	**-3	4.00	32.75	34.49		99.73	-17.81

22	**-4	4.00	31.00	42.48	104.38	-9.82
23	**-5	4.00	32.25	54.12	109.15	1.82
24	**-6	4.00	37.00	40.65	113.83	-11.65
25	**-7	4.00	31.00	41.09	118.62	-11.21
26	**-8	4.00	36.25	50.66	123.41	-1.64
27	**-9	4.00	40.50	46.41	128.19	-5.89
28	**-10	4.00	32.00	37.50	132.98	-14.80
29	**-11	4.00	37.75	51.88	137.78	-0.42
30	**-12	4.00	34.00	37.36	142.42	-14.94
31	**-13	4.00	37.25	47.37	147.09	-4.93
32	**-14	4.00	33.50	44.40	151.86	-7.90
33	**-15	4.00	36.00	63.79	156.68	11.49
34	**-16	4.00	29.00	41.99	161.45	-10.31
35	**-17	4.00	39.50	52.92	166.25	0.62
36	**-18	4.00	35.00	43.50	171.03	-8.80
37	**-1	4.00	35.25	41.82	175.88	-10.48
38	**-2	4.00	31.00	34.30	180.52	-18.00
39	**-3	4.00	39.00	44.12	185.28	-8.18
40	**-4	4.00	34.75	36.13	190.06	-16.17
41	**-5	4.00	31.50	39.30	194.83	-13.00
42	**-6	4.00	40.50	37.98	199.59	-14.32
43	**-7	4.00	32.25	43.83	204.39	-8.47
44	**-8	4.00	36.25	46.12	209.18	-6.18
45	**-9	4.00	31.00	33.74	213.95	-18.56
46	**-10	4.00	32.50	36.51	218.70	-15.79
47	**-11	4.00	32.25	48.56	223.39	-3.74
48	**-12	4.00	38.00	70.35	228.19	18.05
49	**-13	4.00	35.50	40.05	232.95	-12.25
50	**-14	4.00	38.25	54.06	237.62	1.76
51	**-15	4.00	36.50	53.28	242.30	0.98
52	**-16	4.00	34.00	52.74	247.08	0.44
53	**-17	4.00	29.75	40.09	251.84	-12.21
54	**-18	4.00	31.00	35.66	256.58	-16.64
55	**-1	4.00	36.50	40.57	261.33	-11.73
56	**-2	4.00	32.25	36.83	266.10	-15.47
57	**-3	4.00	34.25	41.12	270.88	-11.18
58	**-4	4.00	26.75	29.15	275.63	-23.15

59	**-5	4.00	31.50	33.53	280.38	-18.77
60	**-6	4.00	32.75	36.49	285.17	-15.81
61	**-7	4.00	34.50	40.38	289.94	-11.92
62	**-8	4.00	26.00	30.86	294.69	-21.44
63	**-9	4.00	31.75	33.38	299.45	-18.92
64	**-10	4.00	36.50	45.50	304.21	-6.80
65	**-11	4.00	35.25	40.62	308.97	-11.68
66	**-12	4.00	34.25	39.60	313.60	-12.70
67	**-13	4.00	30.25	38.50	318.34	-13.80
68	**-14	4.00	27.75	28.48	322.96	-23.82
69	**-15	4.00	37.00	47.83	327.71	-4.47
70	**-16	4.00	32.00	39.37	332.48	-12.93
71	**-17	4.00	32.50	35.99	337.11	-16.31
72	**-18	4.00	32.50	36.62	341.86	-15.68
73	**-1	4.00	31.25	37.03	346.69	-15.27
74	**-2	4.00	33.25	33.73	351.33	-18.57
75	**-3	4.00	29.50	28.61	355.96	-23.69
76	**-4	4.00	31.50	33.99	360.72	-18.31
77	**-5	4.00	31.50	37.87	365.51	-14.43
78	**-6	4.00	29.50	33.79	370.24	-18.51
79	**-7	4.00	32.00	38.03	374.88	-14.27
80	**-8	4.00	33.50	37.16	379.66	-15.14
81	**-9	4.00	38.50	52.88	384.42	0.58
82	**-10	4.00	33.00	40.96	389.17	-11.34
83	**-11	4.00	37.75	49.46	393.83	-2.84
84	**-12	4.00	33.25	36.97	398.58	-15.33
85	**-13	4.00	38.25	57.70	403.37	5.40
86	**-14	4.00	30.25	30.61	408.03	-21.69
87	**-15	4.00	34.25	38.83	412.81	-13.47
88	**-16	4.00	32.25	34.90	417.57	-17.40
89	**-17	4.00	33.25	39.60	422.36	-12.70
90	**-18	4.00	41.00	50.26	427.14	-2.04
91	**-1	4.00	30.00	36.78	431.98	-15.52
92	**-2	4.00	32.25	43.27	436.76	-9.03
93	**-3	4.00	28.75	35.87	441.54	-16.43
94	**-4	4.00	36.00	42.87	446.18	-9.43
95	**-5	4.00	31.50	33.88	450.82	-18.42

96	**-6	4.00	35.75	42.67	455.61	-9.63	
97	**-7	4.00	35.50	40.32	460.25	-11.98	
98	**-8	4.00	39.50	47.62	464.99	-4.68	
99	**-9	4.00	34.25	39.60	469.75	-12.70	
100	**-10	4.00	34.75	42.80	474.53	-9.50	
101	**-11	4.00	34.00	39.41	479.29	-12.89	
						-9.69	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 31 Jan 2006 10:58:01
User Filename: A:\USER01\U0113101.BSF

Efficiency H-3 = 64.39 %

WIPES 01 **Efficiency C-14 = 95.86 %**
COUNTERS ROOM # 2 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	37.75	**53.26**	**BKG. DPM**	4.62	**BKG. SUB**
2	**-2	4.00	33.50	49.90		9.35	-3.36
3	**-3	4.00	35.25	47.55		14.15	-5.71
4	**-4	4.00	33.50	41.06		18.93	-12.20
5	**-5	4.00	34.50	50.15		23.71	-3.11
6	**-6	4.00	34.25	43.77		28.50	-9.49
7	**-7	4.00	33.75	46.06		33.27	-7.20
8	**-8	4.00	38.00	52.58		38.02	-0.68
9	**-9	4.00	39.75	89.31		42.69	36.05
10	**-10	4.00	38.00	44.39		47.33	-8.87
11	**-11	4.00	32.00	42.97		52.06	-10.29
12	**-12	4.00	33.75	37.77		56.82	-15.49
13	**-13	4.00	35.50	49.55		61.46	-3.71
14	**-14	4.00	32.75	48.58		66.08	-4.68
15	**-15	4.00	32.75	34.99		70.87	-18.27
16	**-16	4.00	37.50	48.99		75.52	-4.27
17	**-17	4.00	26.50	32.97		80.15	-20.29
18	**-18	4.00	35.00	49.76		84.83	-3.50
19	**-1	4.00	36.00	46.38		89.71	-6.88
20	**-2	4.00	27.00	29.67		94.46	-23.59
21	**-3	4.00	37.50	62.49		99.11	9.23

22	**-4	4.00	30.75	36.27	103.88	-16.99
23	**-5	4.00	30.25	32.14	108.53	-21.12
24	**-6	4.00	34.00	45.02	113.28	-8.24
25	**-7	4.00	33.00	48.34	117.92	-4.92
26	**-8	4.00	32.25	39.13	122.69	-14.13
27	**-9	4.00	33.25	43.77	127.47	-9.49
28	**-10	4.00	31.75	42.09	132.25	-11.17
29	**-11	4.00	29.00	40.28	136.89	-12.98
30	**-12	4.00	33.00	39.45	141.52	-13.81
31	**-13	4.00	40.00	55.55	146.18	2.29
32	**-14	4.00	38.25	53.93	150.81	0.67
33	**-15	4.00	31.25	33.89	155.45	-19.37
34	**-16	4.00	41.00	58.43	160.12	5.17
35	**-17	4.00	37.00	51.42	164.75	-1.84
36	**-18	4.00	34.25	36.43	169.41	-16.83
37	**-1	4.00	35.25	53.22	174.30	-0.04
38	**-2	4.00	34.25	45.19	179.09	-8.07
39	**-3	4.00	33.75	36.62	183.88	-16.64
40	**-4	4.00	37.25	53.80	188.66	0.54
41	**-5	4.00	28.00	36.06	193.39	-17.20
42	**-6	4.00	36.50	50.90	198.15	-2.36
43	**-7	4.00	35.00	46.80	202.80	-6.46
44	**-8	4.00	32.50	41.91	207.56	-11.35
45	**-9	4.00	33.50	42.25	212.20	-11.01
46	**-10	4.00	37.50	51.43	216.98	-1.83
47	**-11	4.00	31.25	48.86	221.77	-4.40
48	**-12	4.00	38.25	59.62	226.53	6.36
49	**-13	4.00	36.50	54.89	231.18	1.63
50	**-14	4.00	40.00	66.56	235.81	13.30
51	**-15	4.00	38.00	50.43	240.59	-2.83
52	**-16	4.00	30.75	45.80	245.24	-7.46
53	**-17	4.00	36.50	57.10	250.00	3.84
54	**-18	4.00	34.25	47.80	254.64	-5.46
55	**-1	4.00	36.00	42.06	259.49	-11.20
56	**-2	4.00	34.00	46.74	264.14	-6.52
57	**-3	4.00	38.00	55.08	268.93	1.82
58	**-4	4.00	34.25	39.57	273.72	-13.69

59	**-5	4.00	38.50	57.14	278.38	3.88	
60	**-6	4.00	37.00	49.24	283.15	-4.02	
61	**-7	4.00	37.00	49.18	287.93	-4.08	
62	**-8	4.00	33.50	46.62	292.59	-6.64	
63	**-9	4.00	31.75	37.96	297.36	-15.30	
						-6.20	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 31 Jan 2006 16:54:27
User Filename: A:\USER01\U0113102.BSF

Efficiency H-3 = 64.39 %

WIPES 01 **Efficiency C-14 = 95.86 %**
COUNTERS ROC #6 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	37.75	**40.76**	**BKG.DPM**	4.47	**BKG. SUB**
2	**-2	4.00	42.00	49.13		9.14	8.37
3	**-3	4.00	32.75	36.59		13.86	-4.17
4	**-4	4.00	35.00	34.80		18.61	-5.96
5	**-5	4.00	31.00	34.34		23.38	-6.42
6	**-6	4.00	30.50	34.76		28.16	-6.00
7	**-7	4.00	31.25	34.42		32.93	-6.34
8	**-8	4.00	33.00	32.96		37.56	-7.80
9	**-9	4.00	36.75	42.76		42.32	2.00
10	**-10	4.00	31.75	36.63		46.95	-4.13
11	**-11	4.00	29.75	32.80		51.70	-7.96
12	**-12	4.00	33.25	38.88		56.48	-1.88
13	**-13	4.00	37.00	37.05		61.15	-3.71
14	**-14	4.00	36.50	44.47		65.93	3.71
15	**-15	4.00	34.75	46.35		70.57	5.59
16	**-16	4.00	30.00	35.86		75.22	-4.90
17	**-17	4.00	32.50	43.05		79.85	2.29
18	**-18	4.00	32.75	35.34		84.48	-5.42
19	**-1	4.00	36.50	39.67		89.36	-1.09
20	**-2	4.00	30.25	34.51		94.00	-6.25
21	**-3	4.00	28.25	30.30		98.78	-10.46

22	**-4	4.00	29.25	34.36	103.53	-6.40
23	**-5	4.00	29.50	34.51	108.19	-6.25
24	**-6	4.00	39.00	47.47	112.95	6.71
25	**-7	4.00	35.50	39.13	117.71	-1.63
26	**-8	4.00	31.50	35.95	122.34	-4.81
27	**-9	4.00	28.00	31.55	127.12	-9.21
28	**-10	4.00	30.75	38.07	131.88	-2.69
29	**-11	4.00	34.25	38.51	136.64	-2.25
30	**-12	4.00	30.25	34.76	141.42	-6.00
31	**-13	4.00	31.25	39.03	146.18	-1.73
32	**-14	4.00	37.50	45.24	150.96	4.48
33	**-15	4.00	36.75	50.77	155.50	10.01
34	**-16	4.00	34.00	38.49	160.15	-2.27
35	**-17	4.00	33.50	38.16	164.78	-2.60
36	**-18	4.00	36.50	45.47	169.56	4.71
37	**-1	4.00	36.25	45.91	174.28	5.15
38	**-2	4.00	30.00	30.34	179.03	-10.42
39	**-3	4.00	34.75	39.88	183.67	-0.88
40	**-4	4.00	35.75	46.98	188.30	6.22
41	**-5	4.00	30.75	36.78	193.06	-3.98
42	**-6	4.00	31.75	33.55	197.81	-7.21
43	**-7	4.00	33.75	37.76	202.58	-3.00
44	**-8	4.00	33.25	39.22	207.22	-1.54
45	**-9	4.00	31.00	36.88	212.01	-3.88
46	**-10	4.00	31.75	30.21	216.79	-10.55
47	**-11	4.00	34.50	36.59	221.58	-4.17
48	**-12	4.00	33.75	39.30	226.36	-1.46
49	**-13	4.00	31.00	37.39	231.00	-3.37
50	**-14	4.00	38.75	45.14	235.67	4.38
51	**-15	4.00	34.50	45.18	240.31	4.42
52	**-16	4.00	37.00	46.68	244.95	5.92
53	**-17	4.00	34.00	44.68	249.73	3.92
54	**-18	4.00	33.50	47.54	254.51	6.78
56	**-2	4.00	31.00	32.38	259.25	-8.38
57	**-3	4.00	37.75	54.73	263.88	13.97
58	**-4	4.00	35.00	33.71	268.66	-7.05
59	**-5	4.00	34.75	37.76	273.41	-3.00

60	**-6	4.00	33.00	42.55	278.16	1.79	
61	**-7	4.00	35.75	40.66	282.92	-0.10	
62	**-8	4.00	32.75	45.64	287.57	4.88	
						-1.53	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 1 Feb 2006 01:51:14
User Filename: A:\USER09\U0920101.BSF

Efficiency H-3 = 64.39 %

WIPES 09 **Efficiency C-14 = 95.86 %**
COUNTERSROOM #6 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	32.50	**42.85**	**BKG. DPM**	4.47	**BKG. SUB**
2	**-2	4.00	38.25	47.16		9.09	4.31
3	**-3	4.00	33.50	37.09		13.83	-5.76
4	**-4	4.00	37.25	43.17		18.46	0.32
5	**-5	4.00	36.75	48.47		23.25	5.62
6	**-6	4.00	27.25	39.31		27.99	-3.54
7	**-7	4.00	36.75	45.91		32.76	3.06
8	**-8	4.00	35.75	44.91		37.55	2.06
9	**-9	4.00	29.50	38.76		42.22	-4.09
10	**-10	4.00	34.75	43.06		46.97	0.21
11	**-11	4.00	34.25	43.89		51.77	1.04
12	**-12	4.00	37.50	51.94		56.54	9.09
13	**-13	4.00	30.75	39.17		61.21	-3.68
14	**-14	4.00	38.00	52.79		65.86	9.94
15	**-15	4.00	33.25	38.92		70.52	-3.93
16	**-16	4.00	32.25	40.07		75.16	-2.78
17	**-17	4.00	31.75	37.84		79.92	-5.01
18	**-18	4.00	37.25	49.97		84.56	7.12
19	**-1	4.00	36.50	40.58		89.31	-2.27
20	**-2	4.00	32.50	39.91		93.96	-2.94
21	**-3	4.00	35.50	43.80		98.72	0.95

22	**-4	4.00	33.50	47.56	103.38	4.71	
23	**-5	4.00	35.75	48.47	108.02	5.62	
24	**-6	4.00	35.50	34.75	112.65	-8.10	
25	**-7	4.00	30.00	42.94	117.31	0.09	
26	**-8	4.00	33.50	49.43	122.06	6.58	
27	**-9	4.00	29.75	31.36	126.85	-11.49	
28	**-10	4.00	33.50	38.86	131.54	-3.99	
29	**-11	4.00	32.25	39.26	136.31	-3.59	
30	**-12	4.00	35.25	46.54	141.09	3.69	
31	**-13	4.00	39.50	45.95	145.75	3.10	
32	**-14	4.00	34.75	50.00	150.40	7.15	
33	**-15	4.00	37.50	49.89	155.04	7.04	
34	**-16	4.00	33.00	38.55	159.71	-4.30	
35	**-17	4.00	36.00	55.54	164.37	12.69	
36	**-18	4.00	29.25	41.56	169.01	-1.29	
37	**-1	4.00	38.75	48.01	173.78	5.16	
						0.91	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 15 Feb 2006 13:28:44
User Filename: A:\USER07\U0721502.BSF

Efficiency H-3 = 64.39 %

Efficiency C-14 = 95.86 %

WIPES
COUNTERS ROOM #6 WIPE TEST
Comments:

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	33.25	35.29	BKG. DPM	4.48	BKG. SUB
2	**-2	4.00	37.50	49.04		9.24	13.75
3	**-3	4.00	31.25	56.31		13.99	21.02
4	**-4	4.00	30.50	37.70		18.74	2.41
5	**-5	4.00	29.50	32.29		23.51	-3.00
6	**-6	4.00	35.50	40.22		28.28	4.93
7	**-7	4.00	33.75	47.06		33.07	11.77
8	**-8	4.00	32.25	34.29		37.79	-1.00
9	**-9	4.00	35.75	41.37		42.42	6.08
10	**-10	4.00	32.50	43.71		47.05	8.42
11	**-11	4.00	33.75	47.79		51.83	12.50
12	**-12	4.00	35.25	46.50		56.61	11.21
13	**-13	4.00	34.75	46.77		61.39	11.48
14	**-14	4.00	33.50	45.25		66.02	9.96
15	**-15	4.00	33.75	41.80		70.66	6.51
16	**-16	4.00	31.50	47.76		75.29	12.47
17	**-17	4.00	31.75	37.84		79.92	2.55
							8.19 AVERAGE DPM

Instrument Type: LS 6000
Data Capture Date: 1 Feb 2006 01:51:14
User Filename: A:\USER09\U0920101.BSF

Efficiency H-3 = 64.39 %

WIPES
COUNTERS ROOM#7

09
WIPE TEST

Efficiency C-14 = 95.86 %

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime	
1	**-1	4.00	32.50	**42.85**	**BKG. DPM**	4.47	**BKG. SUB**
2	**-2	4.00	38.25	47.16		9.09	4.31
3	**-3	4.00	33.50	37.09		13.83	-5.76
4	**-4	4.00	37.25	43.17		18.46	0.32
5	**-5	4.00	36.75	48.47		23.25	5.62
6	**-6	4.00	27.25	39.31		27.99	-3.54
7	**-7	4.00	36.75	45.91		32.76	3.06
8	**-8	4.00	35.75	44.91		37.55	2.06
9	**-9	4.00	29.50	38.76		42.22	-4.09
10	**-10	4.00	34.75	43.06		46.97	0.21
11	**-11	4.00	34.25	43.89		51.77	1.04
12	**-12	4.00	37.50	51.94		56.54	9.09
13	**-13	4.00	30.75	39.17		61.21	-3.68
14	**-14	4.00	38.00	52.79		65.86	9.94
15	**-15	4.00	33.25	38.92		70.52	-3.93
16	**-16	4.00	32.25	40.07		75.16	-2.78
17	**-17	4.00	31.75	37.84		79.92	-5.01
18	**-18	4.00	37.25	49.97		84.56	7.12
19	**-1	4.00	36.50	40.58		89.31	-2.27
20	**-2	4.00	32.50	39.91		93.96	-2.94
21	**-3	4.00	35.50	43.80		98.72	0.95

22	**-4	4.00	33.50	47.56	103.38	4.71	
23	**-5	4.00	35.75	48.47	108.02	5.62	
24	**-6	4.00	35.50	34.75	112.65	-8.10	
25	**-7	4.00	30.00	42.94	117.31	0.09	
26	**-8	4.00	33.50	49.43	122.06	6.58	
27	**-9	4.00	29.75	31.36	126.85	-11.49	
28	**-10	4.00	33.50	38.86	131.54	-3.99	
29	**-11	4.00	32.25	39.26	136.31	-3.59	
30	**-12	4.00	35.25	46.54	141.09	3.69	
31	**-13	4.00	39.50	45.95	145.75	3.10	
32	**-14	4.00	34.75	50.00	150.40	7.15	
33	**-15	4.00	37.50	49.89	155.04	7.04	
34	**-16	4.00	33.00	38.55	159.71	-4.30	
35	**-17	4.00	36.00	55.54	164.37	12.69	
36	**-18	4.00	29.25	41.56	169.01	-1.29	
37	**-1	4.00	38.75	48.01	173.78	5.16	
						0.91	**AVERAGE DPM**

Instrument Type: LS 6000
Data Capture Date: 19 Jan 2006 10:40:48
User Filename: A:\USER01\U0111901.BSF

Efficiency H-3 = 64.39 %

SINK TRAPS 01
WIPE TEST

Efficiency C-14 = 95.86 %

Scintillator Choice: LIQUID

MDA H-3 14.45 DPM
MDA C-14 9.71 DPM

Sam	Rack	Time	CPM Iso1	DPM Iso1		ElTime			
1	**-1	4.00	35.75	**45.39**	**BKG. DPM**	4.53	TRAPS	**BKG. SUP**	
2	**-2	4.00	33.50	43.55		9.29	SINK#1	-1.84	
3	**-3	4.00	28.25	39.43		14.04	SINK#2	-5.96	
4	**-4	4.00	35.25	39.77		18.84	SINK#3	-5.62	
5	**-5	4.00	26.00	31.61		23.63	SINK#4	-13.78	
6	**-6	4.00	38.75	57.97		28.59	SINK#5	12.58	
7	**-7	4.00	31.50	38.55		33.33	SINK#6	-6.84	
8	**-8	4.00	35.25	40.77		38.09	SINK#7	-4.62	
9	**-9	4.00	29.75	39.65		42.84	SINK#8	-5.74	
								-3.98	**AVERAGE DPM**

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