



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406

DEC 24 1990

James McKnight
Document Control Desk
U.S. Nuclear Regulatory Commission
1717 H Street, N.W.
Washington, D.C. 20555

Dear Mr. McKnight:

The attached information from the Seabrook Citizens Radiological Monitoring Network, covering the report dates from August 1990 to September 1990 is to be processed through the NUDOCS system for Seabrook with its docket number 50-443, Unit 1 and 50-444, Unit 2.

If you have any questions concerning these reports, please contact me at FTS 346-5213 or Ms. L. Peluso of my staff at FTS 346-5323.

Sincerely,

Robert Bores, Chief
Effluents Radiation Protection Section
Facilities Radiological Safety and
Safeguards Branch
Division of Radiation Safety and
Safeguards

Enclosures:

- Seabrook Report Dates
1. August 1990
2. September 1990

TEAS
11

Citizen's Radiological Monitoring Network
Seabrook

November 26, 1990

Dear Receptient:

My apologies for the long delay in getting these August and September 1990 results to you.

As you will see, some hard work has been done to convert from handwritten to computer generated results.

Attached you will find the results of our first quality assurance meeting on October 22, 1990. We are pleased to report less than a 5% discrepancy in reading between the 13 RADALERT units tested.

The network is finally consolidating. This month Ms. Deborah Grinnell was appointed Field Director of the CRMN and an advisory board is presently being assembled. Our application to be incorporated as a Chapter 180 non-profit corporation was also approved.

We thank you for your continued support. You may look forward to more timely publication of our monthly results.

Sincerely,



Cliv Lee
Director

Citizen's Radiological Monitoring Network Seabrook

RESULTS OF "RADALERT" QUALITY ASSURANCE TEST CONDUCTED OCTOBER 22, 1990 @ 2:25 P.M. EST

Location: 11 Lafayette Street, Newburyport, MA 01950

Method: The 13 radalert units were placed on a wooden platform 4ft above the ground in an open air location. All units were started simultaneously and allowed to run for one hour. After one hour, the total count reading was logged.

Radiant Serial Number	Battery Changed	Total Count
90267	Y	1058
90270	Y	995
90268	Y	992
90258	Y	1006
800744	Y	1020
800742	Y	1027
90260	Y	1043
90259	Y	1005
90272	Y	987
90256	Y	965
800703	Y	1008
90263	Y	1012
800695	Y	1029
Average count		1011.3
Maximum % variance to average count		- 4.8 % +3.1%

Station: f

Citizen's Radiological Monitoring Network

Seabrook Station

AUGUST 1990

Start -Total- Avg NBY Wind Temp
 Day Time Min Ct CPM Pwr Dir Sp dF BAR HUM Pre Ox 10.0 20.0 30.0

Day	Time	Min	Ct	CPM	Pwr	Dir	Sp	dF	BAR	HUM	Pre	Ox	10.0	20.0	30.0
11	9:45	30	410	13.7	100	158	8	72							
11	18:15	30	402	13.4	100		1	70							
12	7:30	30	380	12.7	100	158	5	68							
12	19:15	30	414	13.8	100		3	69							
13	7:33	30	394	13.1	100		1	66							
25	13:15	30	368	12.3			1	80							
26	20: 5	30	397	13.2			1	81							
27	7:40	30	453	15.1	100		1	69							
27	19:25	30	409	13.6	100		5	5							
28	6:50	30	417	13.9	100		1	67							
28	23:18	30	497	16.6	100			77							
29	7:55	30	385	12.8	100		1	72							
29	19:16	30	443	14.8	100	338	13	74							
30	7:30	30	439	14.6	100		1	69							
30	21:25	30	428	14.3	100			61							
31	8:17	30	376	12.5	100		1	58							
31	21:40	30	390	13.0	100		1	60							

Alert (CPM) Details: Day, Time, and Count

Observation Target Bearing Dist C/M

1	Seabrook Station	80.2	4.7	0.0
2	Haverhill Incinerator	203.7	11.1	0.0
3	Pilgrim Station	152.0	67.6	13.2
4	Wiscasset	23.8	98.8	0.0
5	Vernon	246.7	79.6	0.0
6	Rove	245.2	101.4	0.0
7				
8				
9				
10	Non Target Bearing	-16.0	0.0	13.8

Station: 1

Citizen's Radiological Monitoring Network
Seabrook Station
AUGUST 1990

Start Day	Time	-Total- Min Ct	A.μ CPM	NHY Pwr	Wind Dir Sp	Temp dF	BAR	HUM	Pre Cx	10.0	20.0	30.0
1	6:32	30	406	13.5	20	315	6	67	29.81	94		
1	12:40	30	399	13.3	20	315	7	72	29.88	50		
2	6:57	30	457	15.2	0	360	6	62	29.97	75		
2	18:15	30	366	12.2	0	315	9	83	29.94	35		
3	7:32	30	445	14.8	4	270	5	64	30.00	80		
3	18:34	30	446	14.9	4	315	6	89	29.95	41		
4	7:10	30	448	14.9				65	30.01	84		
5	7:53	30	439	14.6	100	270	2	68	30.09	94		
5	18:45	30	425	14.2	100	180	13	80	30.09	58		
6	6:55	30	449	15.0	100	180	8	70	30.09	93		
6	18:18	30	459	15.3	100	90	6	69	30.09	93		
7	6:40	30	448	14.9	100	135	6	69	30.04	95		
7	19:20	30	412	13.7	100	135	8	70	30.06	96		
8	6:20	30	475	15.8	100	90	3	68	30.11	97		
8	18:55	30	461	15.4	100	135	2	70	30.08	92		
9	7:22	30	440	14.7	100			69	30.14	95		
9	20:10	30	409	13.6	100	135	3	71	30.15	89		
10	6:45	30	441	14.7	100			68	30.14	97		
10	19:10	30	404	13.5	100	90	7	70	30.14	96		
11	6:34	33	435	13.2	100	180	5	71	30.07	93		
12	7:20	30	409	13.6	100	270	6	68	30.03	97		
13	6:57	30	438	14.6	100			63	30.08	97		
13	20:17	30	374	12.5	100	180	6	75	29.93	85		
14	7:10	30	407	13.6	23	270	9	69	29.85	90		
14	20:10	30	426	14.2	23	315	2	69	29.97	73		
15	6:55	30	409	13.6	100	270	1	60	30.02	92		
15	13:50	30	493	16.4	100	270	3	76	29.98	60		
16	6:45	30	427	14.2	100							
16	20:30	30	427	14.2	100	180	5	69	30.04	87		
17	7:13	30	472	15.7	100			64	30.06	93		
17	18:23	30	424	14.1	100	180	8	81	30.04	67		
18	12:10	30	436	14.5	100	270	5	81	30.03	74		
18	20:56	30	432	14.4	100	180	2	78	29.89	94		
19	8:10	30	496	16.5	100	315	9	62	29.95	89		
19	20:56	30	432	14.4	100	180	2	58	30.19	89		
20	6:12	30	420	14.0	100	45	7	52	30.32	89		
20	20:12	30	421	14.0	100	90	2	60	30.35	70		
21	6:30	30	425	14.2	100	360	5	50	30.31	96		
21	18:35	30	448	14.9	100							
22	6:15	30	446	14.9	0	360	3	53	30.25	93		
22	20:13	30	442	14.7	0	135	8	63	30.20	61		
23	6:31	30	445	14.8		135	2	60	30.17	89		
23	20:20	30	422	14.1		270	1	63		83		
24	7:12	43	621	14.4		360	1	62	30.16	89		
24	20:15	30	439	14.6		90	6	68	30.17	76		
25	7:30	30	459	15.3		360	6	64	30.10	93		
25	21:59	30	444	14.8				67	30.06	94		
26	7:11	30	448	14.9				67	30.05	91		
26	21:11	30	438	14.6				73	30.05	76		
27	6:30	30	443	14.8	100	315	2	67	29.89	94		
27	18:50	30	438	14.6	100	180	9	79	29.75	69		
28	7:30	30	445	14.8	100	315	3	66	29.74	91		
28	20:15	30	444	14.8	100							
29	7:12	30	452	15.1	100	315	3	71	29.57	73		
29	16:44	30	441	14.7	100	270	6	84	29.62	44		
30	6:15	30	454	15.1	100	270		64	29.83	83		
30	19:55	30	457	15.2	100	135	1	69	29.96	65		
31	5:15	30	435	14.5	100	315	2	57	30.08	94		

Alert (CPM) Details: Day, Time, and Count

Observation Target Bearing Dist C/M

1 Seabrook Station	154.2	6.4	14.1
2 Haverhill Incinerator	200.3	17.8	0.0
3 Pilgrim Station	155.7	72.7	14.1
4 Wiscasset	24.5	92.2	14.0
5 Vernon	243.1	83.9	14.4
6 Row	242.4	105.8	14.4
7			
8			
9			
10 Non Target Bearing	-16.0	0.0	14.5

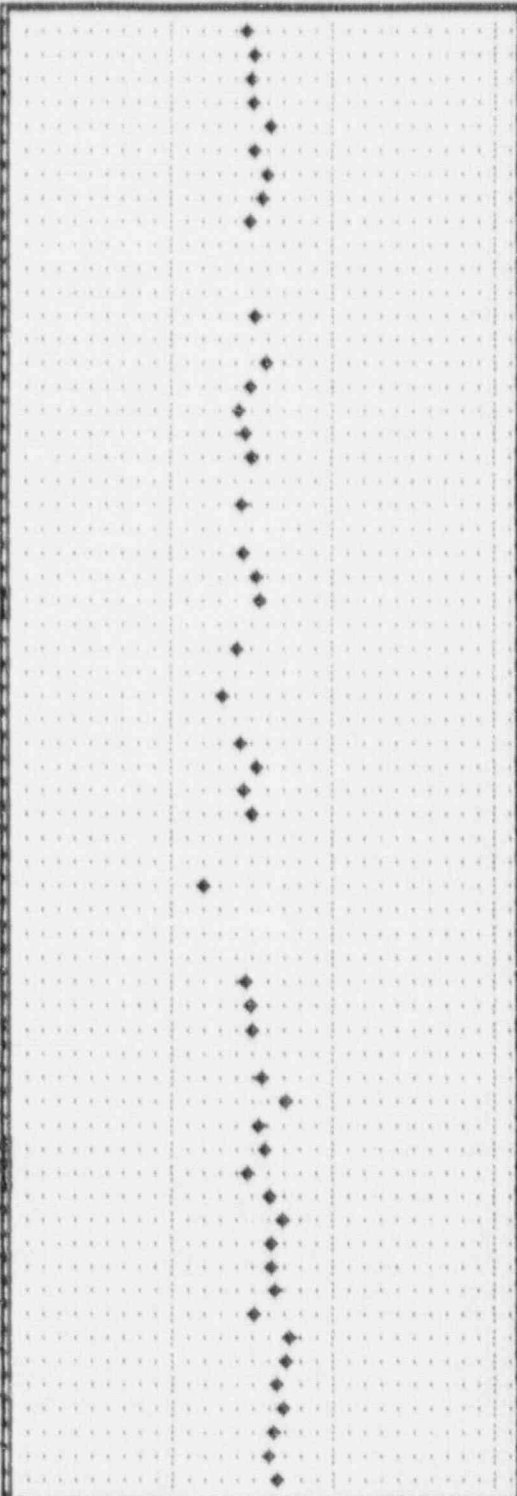
Station: 8

Citizen's Radiological Monitoring Network

Seabrook Station

AUGUST 1990

Start Day	-Total- Time	Min	Ct	Avg CPM	HHY Pwr	Wind Dir	Temp Sp	BAR	HUM	Pre	Cx	10.0	20.0	30.0
1	3:27	10	147	14.7	20									
1	22:37	10	152	15.2	20									
2	0:19	10	150	15.0	0									
2	18:22	10	151	15.1	0									
3	2:5	10	152	15.2	4									
3	13:1	10	152	15.2	4									
4	8:2	10	150	15.0										
4	23:27	10	157	15.7										
5	4:46	10	149	14.9	100									
7	22:26	10	152	15.2	100									
8	1:39	10	159	15.9	100									
8	17:40	10	149	14.9	100									
9	11:0	10	142	14.2	100									
9	16:38	10	146	14.6	100									
10	18:29	10	150	15.0	100									
11	19:9	10	144	14.4	100									
12	5:13	10	145	14.5	100									
12	23:36	10	153	15.3	100									
13	21:47	10	155	15.5	100	180°	6	81			CL			
14	22:13	10	141	14.1	23									
15	20:45	10	132	13.2	100									
16	11:24	10	143	14.3	100									
16	16:17	10	153	15.3	100									
17	10:31	10	145	14.5	100									
17	21:55	10	150	15.0	100									
19	13:56	10	120	12.0	100									
21	9:52	10	146	14.6	100									
21	13:27	10	149	14.9	100									
22	21:36	10	150	15.0	0	90	63		42		CL			
23	9:43	10	156	15.6										
23	18:0	10	171	17.1										
24	6:20	10	154	15.4										
24	21:23	10	158	15.8		23°	3	65	30.20	70	OD			
25	10:5	10	147	14.7		23°	6	63	30.10	68	OD			
25	20:42	10	161	16.1										
26	4:9	10	169	16.9										
26	14:17	10	162	16.2		90	2	82	30.02	54	CL			
27	0:48	10	162	16.2	100									
27	14:41	10	164	16.4	100									
28	11:24	10	151	15.1	100									
28	22:27	10	173	17.3	100									
29	7:36	10	171	17.1	100	225		73	29.76	40	CL			
29	13:13	10	165	16.5	100									
30	1:49	10	169	16.9	100									
30	23:26	10	163	16.3	100									
31	11:47	10	160	16.0	100	68	5	73	30.19	40	CL			
31	13:11	10	165	16.5	100									



Alert (CPM>29) Details: Day, Time, and Count

24	2:32	31			
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# Observation Target	Bearing	Dist	C/M
1 Seabrook Station	327.4	6.6	0.0
2 Haverhill Incinerator	246.9	13.9	0.0
3 Pilgrim Station	157.1	59.7	15.5
4 Wiscasset	18.5	106.3	15.3
5 Vernon	251.9	85.7	0.0
6 Rowe	249.5	107.2	0.0
7			
8			
9			
10 Non Target Bearing	-16.0	0.0	15.7

Station: e

Citizen's Radiological Monitoring Network
Seabrook Station

SEPTEMBER 1990

Start -Total- Avg NMY Wind Trp
Day Time Min Ct CPM Pwr Dir Sp dF BAR HUM Pre Cx 10.0 20.0 30.0

Day	Time	Min	Ct	Avg CPM	NMY Pwr	Wind Dir	Trp Sp	dF	BAR	HUM	Pre	Cx	10.0	20.0	30.0
1	16:14	30	427	14.2	100	315	10	76							
1	21:40	30	398	13.3	100			69							
2	19:42	30	390	13.0	100			71							
2	23:25	30	444	14.8	100			68							
3	12:7	30	433	14.4	100			70							
3	22:25	30	411	13.7	100			63							
4	15:44	30	440	14.7	100			66							
4	22:10	30	445	14.8	100			55							
5	14:14	30	435	14.5	100			78							
6	15:28	30	432	14.4	100	180 ^s	8	77							
7	21:40	30	442	14.7	100	338	8	64							
8	21:46	30	441	14.7	100			52							
9	20:45	30	395	13.2	100			60							
10	15:50	30	414	13.8	100			74							
10	22:32	30	451	15.0	100			57							
11	18:40	30	478	15.9	100			65							
11	21:55	30	404	13.5	100			65							
12	18:25	30	397	13.2	100	180 ^s	9	73							
13	16:55	30	455	15.2	100	68	9	66							
14	22:52	30	425	14.2	100	180 ^s	7	64							
15	21:57	30	420	14.0	100	248 ^s	5	59							
16	16:38	30	431	14.4	100	315	8	65							
16	21:29	30	420	14.0	100			58							
17	16:42	30	464	15.5	100	315	7	57							
17	21:30	30	404	13.5	100	293	6	47							
18	17:28	30	436	14.5	100	315	9	43							
18	22:14	30	442	14.7	100			48							
19	21:20	30	445	14.8	100			56							
20	16:16	30	441	14.7	100			64							
21	19:30	30	403	13.4	100			66							
22	17:20	30	421	14.0	100			63							
23	20:20	30	480	16.0	100			59							
24	18:45	30	456	15.2	100			53							
25	19:52	30	436	14.5	92			59							
26	21:50	30	467	15.6	92			58							
27	16:45	30	461	15.4	92			62							
28	16:28	30	459	15.3	100	158 ^s	7	73							
28	21:30	30	445	14.8	100			59							
29	22:37	30	423	14.1	100			60							
30	23:10	30	450	15.0	100	293	7	64							

Alert (CPM) Details: Day, Time, and Count

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Observation Target Bearing Dist C/M

1	Seabrook Station	-8.9	6.9	0.0
2	Haverhill Incinerator	247.6	10.8	14.0
3	Pilgrim Station	154.0	59.6	14.3
4	Wiscasset	19.7	102.4	0.0
5	Vernon	252.1	82.6	14.0
6	Rowe	249.6	104.2	14.0
7				
8				
9				
10	Non Target bearing	-16.0	0.0	14.5

Station: f

Citizen's Radiological Monitoring Network

Seabrook Station

SEPTEMBER 1990

Start Day	-Total- Time	Min	Ct	Avg CPM	NHY Pwr	Wind Dir	Temp Sp	BAR	HUM	Pre Cx	10.0	20.0	30.0
1	8:40	30	412	13.7	100		1	65		PC			
1	19:25	30	407	13.6	100		1	69		CL			
2	8:25	30	418	13.9	100		5	74		CL			
4	8:0	30	411	13.7	100		3	57		CL			
4	17:15	30	397	13.2	100		3	62		CL			
5	8:3	30	423	14.1	100			62		CL			
5	17:15	30	417	13.9	100		5	64		CL			
6	7:10	30	430	14.3	100		1	60		CL			
6	20:25	30	398	13.3	100		3	70		CL			
7	7:30	30	439	14.6	100	225	5	70		CL			
7	23:18	30	409	13.6	100	315	10	61		CL			
8	10:40	30	400	13.3	100		3	60		CL			
8	21:0	30	409	13.6	100		3	57		CL			
10	7:40	30	460	15.3	100		3	61		RN			
10	22:33	30	420	14.0	100		3	59		CL			
11	7:30	30	406	13.5	100		3	62		CL			
11	22:55	30	396	13.2	100		3	71		RN			
12	7:47	30	430	14.3	100		3	63		RN			
12	20:51	30	400	13.3	100	315	3	70		RN			
13	7:57	30	409	13.6	100		3	66		FG			
13	21:45	30	437	14.6	100		3	64		CL			
14	7:40	30	401	13.4	100	225	3	66		CL			
14	19:31	30	387	12.9	100	180	13	64		CL			
15	8:0	30	389	13.0	100	180	13	68		CL			
16	16:16	30	397	13.2	100	225	5	62		CL			
16	21:0	30	409	13.6	100		3	57		CL			
17	7:30	30	430	14.3	100	315	5	48		CL			
17	18:54	30	424	14.1	100		3	49		CL			
19	22:25	30	415	13.8	100	158	10	55		RN			
20	7:0	30	417	13.9	100	203	8	52		CL			
20	18:15	30	409	13.6	100	315	13	58		CL			
21	11:41	30	352	11.7	100		3	51		CL			
21	19:15	30	388	12.9	100		3	55		CL			
22	22:3	30	353	11.8	100	158	5	56		RN			
23	11:31	30	410	13.7	100	338	5	64		CL			
23	21:5	30	386	12.9	100		3	62		CL			
24	8:15	30	395	13.2	100		3	49		CL			
24	22:32	30	392	13.1	100	338	3	50		CL			
25	8:0	30	440	14.7	92	315	3	49		CL			
25	22:40	30	395	13.2	92	338	3	58		CL			
26	8:50	30	389	12.3	92	225	5	60		CL			
26	21:45	30	431	14.4	92	225	3	58		CL			
27	18:56	30	425	14.2	92		3	60		FG			
27	22:0	30	382	12.7	92		3	60		FG			
28	20:14	30	386	12.9	100	225	8	63		FG			
28	21:10	30	417	13.9	100		3	64		CL			
29	10:55	30	431	14.4	100	203	5	70		CL			
29	20:51	30	361	12.0	100	203	5	64		PC			
30	8:31	30	446	14.9	100	203	5	70		RN			
30	21:55	30	449	15.0	100	203	13	65		RN			

Alert (CPM) Details: Day, Time, and Count

Observation Target Bearing Dist C/M

1	Seabrook Station	80.2	4.7	0.0
2	Haverhill Incinerator	203.7	11.1	13.7
3	Pilgrim Station	152.0	67.6	12.9
4	Wiscasset	23.8	98.8	0.0
5	Vernon	246.7	79.6	0.0
6	Rowe	245.2	101.4	0.0
7				
8				
9				
10	Non Target Bearing	-16.0	0.0	13.6

Station: 1

Citizen's Radiological Monitoring Network

Seabrook Station

SEPTEMBER 1990

Start Day	Time	-Total- Min	Ct	Avg CPM	NHY Pwr	Wind Dir	Temp Sp	BAR	HUM	Pre Cx	10.0	20.0	30.0
1	7: 7	30	458	15.3	100			57	30.08	94	PC	♦	
1	20:34	30	500	16.7	100	180°	5	67	29.97	70	MC	♦	
2	10:11	30	453	15.1	100	270°	7	73	29.98	78	PC	♦	
2	19:51	30	467	15.6	100	360	6	77	29.90	63	PC	♦	
3	8:15	30	436	14.5	100	45°	9	63	30.10	66	MC	♦	
4	6:26	30	406	13.5	100	360	6	53	30.04	90	PC	♦	
4	20: 0	30	459	15.3	100	135	9	59	30.31	76	PC	♦	
5	7: 0	30	407	13.6	100	225°	2	55	30.12	87	MC	♦	
5	19: 4	30	431	14.4	100	135	6	73	30.00	69	CD	♦	
6	7: 0	30	435	14.5	100			62	29.99	93	FG	♦	
7	10:20	30	402	13.4	100	180°	7	70	29.64	90	CD	♦	
7	20: 0	30	448	14.9	100	315	5	74	29.75	84	MC	♦	
8	7:55	30	438	14.6	100	360	12	50	30.10	71	PC	♦	
8	20: 3	30	413	13.8	100	135	2	56	30.25	63	CL	♦	
9	8:30	30	479	16.0	100			49	30.31	86	PC	♦	
9	19:53	30	403	13.4	100	135	5	61	30.17	86	MC	♦	
10	6:30	30	445	14.8	100	180°	1	61	30.05	100	RN	♦	
10	19:45	30	436	14.5	100	180°	6	69	30.02	85	PC	♦	
11	7: 0	38	553	14.6	100			60	30.09	92	PC	♦	
11	19:54	30	442	14.7	100	90	2	62	30.20	93	MC	♦	
12	7: 9	30	400	13.3	100	135	5	62	30.23	100	FG	♦	
12	19:36	30	404	13.5	100	180°	7	68	30.12	85	MC	♦	
13	7:18	30	410	13.7	100	360	5	65	30.15	100	FG	♦	
13	20:30	30	409	13.6	100	135	3	62	30.19	93	MC	♦	
14	6:26	30	407	13.6	100							♦	
14	22:15	30	434	14.5	100	135	7	64	29.91	97	FG	♦	
15	7:55	30	433	14.4	100	135	6	66	29.65	100	FG	♦	
15	19:35	30	397	13.2	100	270°	9	65	29.47	5	PC	♦	
16	8:25	30	459	15.3	100	270°	3	54	29.65	85	PC	♦	
16	19: 0	30	446	14.9	100	360	10	61	29.73	52	MC	♦	
17	7: 9	30	495	16.5	100	315	6	51	29.87	74	MC	♦	
17	19:37	30	408	13.6	100	360	7	51	30.02	57	MC	♦	
18	7: 0	30	437	14.6	100	270°	6	42	30.09	81	PC	♦	
19	7:30	30	429	14.3	100			41	30.12	89	PC	♦	
19	20:50	30	482	16.1	100	225°	2	56	29.93	67	RN	♦	
20	7: 0	30	455	15.2	100	315	9	52	29.73	93	PC	♦	
20	22: 3	30	444	14.8	100	315	5	51	29.99	82	PC	♦	
21	6:30	30	488	16.3	100			48	30.08	89	PC	♦	
22	17:20	30	429	14.3	100	135	13	61	29.62	81	CL	♦	
23	8:19	30	479	16.0	100	270°	8	58	29.47	91	PC	♦	
23	19: 3	30	440	14.7	100	270°	8	58	29.47	91	PC	♦	
24	6:47	30	455	15.2	100	270°	5	47	29.74	88	PC	♦	
24	20:30	30	404	13.5	100	225°	1	53	29.85	69	PC	♦	
25	7: 5	30	413	13.8	92							♦	
25	22: 9	30	405	13.5	92			55	29.93	84	PC	♦	
26	6:17	30	418	13.9	92			51	29.95	96	MC	♦	
26	19:38	30	443	14.8	92	180°	9	64	29.96	80	PC	♦	
27	6:55	30	457	15.2	92	90	2	53	30.04	100	FG	♦	
28	6:45	30	445	14.8	100	225°	1	56	30.14	100	FG	♦	
28	21:37	30	440	14.7	100			61	30.12	100	PC	♦	
29	7: 5	30	390	13.0	100	270°	2	60	30.10	96	FG	♦	
29	19:15	30	436	14.5	100	180°	3	68	30.08	76	MC	♦	

Alert (CPM) Details: Day, Time, and Count

23 14: 5	31			
29 8:45	30			

Observation Target Bearing Dist C/M

1	Seabrook Station	154.2	6.4	14.6
2	Haverhill Incinerator	200.3	17.8	14.5
3	Pilgrim Station	155.7	72.7	14.6
4	Wiscasset	24.5	92.2	14.5
5	Vernon	243.1	83.9	14.6
6	Rowe	242.4	105.8	14.6
7				
8				
9				
10	Non Target Bearing	-16.0	0.0	14.5

Station: 8

Citizen's Radiological Monitoring Network
Seabrook Station

SEPTEMBER 1990

Start Day	-Total- Day Time	Min	Max	Avg CPM	NHY Pwr	Wind Dir	Temp Sp	BAR	HUM	Pre	Cx	10.0	20.0	30.0
1	11:08	10	158	15.8	100	270	74	30.52	50	CL				
1	20:06	10	167	16.7	100	180	5	73	30.51	38	OD			
2	1:50	10	170	17.0	100									
2	20:40	10	172	17.2	100	293	76	30.36	35	OD				
3	1:49	10	162	16.2	100									
3	23:42	10	153	15.3	100									
4	11:11	10	160	16.0	100									
4	23:22	10	168	16.8	100									
5	11:33	10	165	16.5	100									
5	16:35	10	157	15.7	100	135	87	30.52	48	CL				
6	8:47	10	174	17.4	100	338	66	30.48	58	FG				
6	22:57	10	171	17.1	100									
7	5:28	10	178	17.8	100									
7	16:34	10	183	18.3	100									
8	1:59	10	162	16.2	100									
8	22:05	10	166	16.6	100									
9	11:50	10	148	14.8	100	90	5	62	30.75	40	CL			
9	14:24	10	164	16.4	100									
10	4:46	10	158	15.8	100									
10	23:00	10	169	16.9	100									
11	8:14	10	179	17.9	100	270	64	30.50	50	CL				
11	21:58	10	170	17.0	100									
12	2:00	10	161	16.1	100									
12	16:47	10	159	15.9	100									
13	7:48	10	165	16.5	100									
13	20:33	10	163	16.3	100									
14	11:14	10	161	16.1	100	113	3	66	30.58	58	OV			
14	14:29	10	170	17.0	100									
15	11:45	10	164	16.4	100									
15	12:07	10	163	16.3	100									
16	7:26	10	160	16.0	100									
16	14:20	10	153	15.3	100	293	6	64	30.02	38	PC			
17	7:51	10	154	15.4	100									
17	23:35	10	154	15.4	100									
18	0:40	10	158	15.8	100									
18	14:09	10	162	16.2	100	270	9	46	30.50	40	CL			
19	10:58	10	154	15.4	100									
19	14:55	10	163	16.3	100									
20	2:32	10	171	17.1	100									
20	16:23	10	166	16.6	100									
21	5:02	10	159	15.9	100									
21	18:06	10	163	16.3	100									
22	2:03	10	163	16.3	100									
23	2:55	10	168	16.8	100									
23	0:29	10	175	17.5	100									
23	12:03	10	157	15.7	100									
24	11:37	10	167	16.7	100									
24	15:55	10	171	17.1	100	270	10	60	30.08	36	OD			
25	5:03	10	164	16.4	100									
25	12:00	10	166	16.6	100									
26	11:05	10	172	17.2	92									
26	19:02	10	162	16.2	92	158	62	30.24	40	CL				
27	9:05	10	172	17.2	92									
27	18:23	10	162	16.2	92									
28	9:41	10	164	16.4	100									
28	12:08	10	154	15.4	100									
29	1:35	10	165	16.5	100									
29	13:33	10	161	16.1	100									
30	8:42	10	164	16.4	100									

Alert (CPM) Details: Day, Time, and Count

5	10:29	30			
2	1:39	30			

Observation Target Bearing Dist C/M

1	Seabrook Station	327.4	6.6	0.0
2	Haverhill Incinerator	246.9	13.9	16.7
3	Pilgrim Station	157.1	59.7	16.7
4	Wiscasset	18.5	100.3	0.0
5	Vernon	251.9	85.7	16.7
6	Rose	249.5	107.2	16.7
7				
8				
9				
10	Non Target Bearing	-16.0	0.0	15.9