

September 14, 1990

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Docket No's. 50289 & 50320  
Washington, D.C. 20555

Dear Sirs:

Enclosed please find the report for the month of August. One alarm was reported for this month on our Middletown monitor, Station #2.

Station #7 was on vacation for the month of August. We have also added a new monitor to the network. Station #12 is located 3 miles N.N.W. of TMI.

If you have any questions, please feel free to contact me at 717-566-7466.

Sincerely,

*Deborah M. Baker*

Deborah M. Baker  
TMI-CMN

9010010214 900831  
PDR ADDCK 05000289  
R PDC

11  
IE24

September 13, 1990

AUGUSTTHREE MILE ISLAND CITIZEN'S MONITORING NETWORK

<u>08/05/90 thru 08/11/90</u>	<u>AVERAGE COUNTS PER MINUTE, PER WEEK</u>	<u>MAX. CPM TIME/ DATE OCCURRED</u>	<u>MIN. CPM TIME/ DATE OCCURRED</u>
Station #1	12.84	14.40 cpm 8/10/90 11:02 P.M. Wind: NE @ 5	11.93 cpm 8/8/90 10:48 P.M. Wind: N @ 6
Station #2	14.44	15.70 cpm 8/9/90 9:09 A.M. Wind: NE @ 6	13.18 cpm 8/11/90 7:55 P.M. Wind: SW @ 5
Station #4	11.75	13.53 cpm 8/10/90 5:15 P.M. Wind: NE @ 6	9.66 cpm 8/7/90 9:45 A.M. Wind: NW @ 10
Station #5	15.23	17.44 cpm* 8/6/90 3:59 P.M. Wind: NW @ 4	14.55 cpm* 8/5/90 7:42 A.M. Wind: E @ 4
Station #8	15.53	19.73 cpm 8/10/90 10:41 P.M. Wind: NE @ 5	12.80 cpm 8/11/90 11:40 A.M. Wind: NW @ 5
Station #9	12.07	13.06 cpm* 8/8/90 8:20 A.M. Wind: NE @ 2	11.00 cpm 8/9/90 8:15 A.M. Wind: NW @ 2
Station #10	14.96	16.05 cpm* 8/6/90 3:59 P.M. Wind: NW @ 9	14.00 cpm 8/8/90 4:45 P.M. Wind: NW @ 6

Station #	AVERAGE COUNTS PER MINUTE, PER WEEK	MAX. CPM TIME/ DATE OCCURRED		MIN. CPM TIME/ DATE OCCURRED	
		Time	Date	Time	Date
Station #11	12.41	13.33 cpm 8/6/90	8/8/90	11.63 cpm 8/8/90	8/8/90
		10:28 A.M. Wind: W @ 7		9:32 A.M. Wind: W @ 5	
Station #12	11.64	12.13 cpm 8/7/90	8/11/90	10.33 cpm 8/11/90	8/11/90
		5:45 P.M. Wind: NE @ 6	8:15 A.M. Wind: Calm		
Station #1	12.78	14.33 cpm 8/12/90	8/14/90	12.08 cpm 8/14/90	8/14/90
		11:16 P.M. Wind: S @ 7	11:05 P.M. Wind: NW @ 3		
Station #2	14.35	15.05 cpm 8/17/90	8/14/90	13.40 cpm 8/14/90	8/14/90
		8:50 A.M. Wind: Calm	8:46 A.M. Wind: Calm		
Station #4	11.26	12.80 cpm 8/15/90	8/12/90	9.60 cpm 8/12/90	8/12/90
		9:30 A.M. Wind: Calm	8:00 P.M. Wind: S @ 5		
Station #5	15.30	16.33 cpm 8/15/90	8/16/90	14.57 cpm 8/16/90	8/16/90
		7:35 A.M. Wind: NE @ 6	10:44 P.M. Wind: Calm		
Station #8	15.61	17.33 cpm 8/14/90	8/18/90	12.26 cpm 8/18/90	8/18/90
		9:30 P.M. Wind: S @ 3	10:14 P.M. Wind: W @ 8		
Station #9	11.73	12.93 cpm 8/15/90	8/16/90	9.40 cpm 8/16/90	8/16/90
		9:30 A.M. Wind: E @ 2	10:45 A.M. Wind: E @ 2		

Station #	AVERAGE COUNTS PER MINUTE, PER WEEK	MAX. CPM TIME/ DATE OCCURRED	MIN. CPM TIME/ DATE OCCURRED
Station #10	14.68	15.73 cpm 8/13/90 5:23 P.M. Storm Alert	12.00 cpm 8/14/90 9:44 P.M. Wind: S @ 3
Station #11	12.25	13.54 cpm 8/13/90 7:21 P.M. Storm Alert	9.86 cpm 8/18/90 8:08 A.M. Wind: Calm
Station #12	11.91	14.57 cpm 8/13/90 5:10 P.M. Storm Alert	10.70 cpm 8/15/90 5:13 P.M. Wind: S @ 14
<u>08/19/90 thru 08/25/90</u>			
Station #1	12.98	14.09 cpm* 8/22/90 11:29 P.M. Wind: E @ 3	13.04 cpm* 8/23/90 11:02 P.M. Wind: E @ 7
Station #2	14.69	16.14 cpm 8/21/90 9:27 A.M. Wind: SE @ 5	13.44 cpm* 8/22/90 7:35 P.M. Wind: E @ 3
Station #4	12.49	14.53 cpm 8/24/90 11:50 A.M. Wind: NE @ 5	10.40 cpm 8/19/90 9:25 A.M. Wind: NE @ 3
Station #5	15.22	16.97 cpm* 8/20/90 9:36 A.M. Wind: NE @ 10	13.00 cpm 8/24/90 10:11 P.M. Wind: Calm
Station #8	14.48	18.60 cpm* 8/20/90 7:40 A.M. Wind: NE @ 10	11.00 cpm 8/23/90 9:50 P.M. Wind: Calm

Station #9	12.44	13.73 cpm 8/25/90 10:45 A.M. Wind: Calm	11.26 cpm 8/24/90 5:30 P.M. Wind: Calm
Station #10	15.21	16.53 cpm 8/16/90 9:35 A.M. Wind: S @ 9	13.20 cpm* 8/20/90 8:45 P.M. Wind: NE @ 5
Station #11	12.63	17.31 cpm* 8/20/90 8:30 A.M. Wind: NE @ 10	10.93 cpm 8/25/90 8:18 A.M. Wind: Calm
Station #12	11.90	13.67 cpm* 8/20/90 4:29 A.M. Wind: E @ 9	10.27 cpm 8/24/90 6:15 P.M. Wind: SW @ 6
<u>08/26/90 thru 9/1/90</u>	<u>AVERAGE COUNTS PER MINUTE, PER WEEK</u>	<u>MAX. CPM TIME/ DATE OCCURRED</u>	<u>MIN. CPM TIME/ DATE OCCURRED</u>
Station #1	12.86	15.27 cpm 8/28/90 10:59 P.M. Wind: SW @ 7	10.66 cpm 9/1/90 10:55 P.M. Wind: SW @ 9
Station #2	14.28	16.15 cpm 8/27/90 8:47 A.M. Wind: Calm	12.50 cpm 8/29/90 8:37 A.M. Wind: W @ 10
Station #4	12.16	13.53 cpm 8/26/90 10:15 A.M. Wind: Calm	10.33 cpm 8/28/90 10:40 P.M. Wind: W @ 10
Station #5	14.71	16.08 cpm 8/29/90 10:57 A.M. Wind: W @ 5	13.54 cpm 9/1/90 8:37 P.M. Wind: S @ 10

Station #8	14.70	16.45 cpm 8/27/90 7:35 A.M. Wind: Calm	13.40 cpm 8/26/90 9:50 P.M. Wind: NW @ 6
Station #10	13.38	16.53 cpm* 8/30/90 6:07 P.M. Wind: NW @ 6	13.02 cpm 8/29/90 10:30 P.M. Wind: SE @ 2
Station #11	11.72	14.33 cpm* 8/29/90 5:13 P.M. Wind: NW @ 6	10.78 cpm 8/30/90 10:51 P.M. Wind: NE @ 5
Station #12	11.82	13.17 cpm 8/28/90 4:25 A.M. Wind: SW @ 6	9.80 cpm 8/31/90 4:50 P.M. Wind: S @ 6

Station #1 is located 7 miles N.N.E. of TMI  
 Station #2 is located 3 miles N. of TMI  
 Station #4 is located 5 miles N.N.W. of TMI  
 Station #5 is located 3 miles W.S.V. of TMI  
 Station #7 is located 1 mile W. of TMI

Station #8 is located 7 miles N.W. of TMI  
 Station #9 is located 13 miles W.N.W. of TMI  
 Station #10 is located 11 miles N.W. of TMI  
 Station #11 is located 9 miles N.W. of TMI  
 Station #12 is located 3 miles N.N.W. of TMI

Normal background is 10 cpm per U.S. statistics. Our monitors are set to alarm automatically at 30 cpm in most areas. This represents 3X's background.

\*Occurred during rain

Minutes

6 Minute Reading

ALARM 32 cpm
Station # 2
(Middletown)
8-5-90 @ 11:13 A.M.
winds: E @ Y (cloudy)

30  
29  
28  
27  
26  
25  
24  
23  
22  
21  
20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2

End → 6  
Start → 1

C.P.M. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

