



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

NOV 28 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 Peach Bottom Citizens Radiation Monitoring Network, covering the report dates from July 29, to September 23, 1990, is to be processed through the NUDOCS system for Peach Bottom with its docket number 50-277, Unit 2 and 50-278, Unit 3.

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: Peach Bottom Reports Dates

1. July 29 - August 4, 1990
2. August 5 - 11, 1990
3. August 12 - 18, 1990
4. August 19 - 25, 1990
5. August 26 - September 1, 1990
6. September 9 - 15, 1990
7. September 16 - 22, 1990
8. September 23 - 29, 1990

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PEACH BOTTOM ALLIANCE  
8800 JOURDAN AVE.  
DARLINGTON, MD  
21034

CITIZENS RADIATION MONITORING NETWORK

FOR: *Mr Martin*

DATES COVERED: July 29 thru August 4, 1990

STATIONS REPORTING: A, B, C, & E

<u>station</u>	<u># records</u>	<u>counts/min.</u> <u>average</u>	<u>max. deviation</u>
A	<u>8</u>	<u>12.36</u>	<u>-1.18 to +1.9</u>
B	<u>14</u>	<u>12.56</u>	<u>-1.36 to +1.2</u>
C	<u>11</u>	<u>17.86</u>	<u>-0.67 to +0.9</u>
D	<u>-</u>	<u>-</u>	<u>-</u>
E	<u>10</u>	<u>15.4</u>	<u>-2.32 to +2.2</u>

Submitted by

*Lean Swain*  
201 457 4557

PEACH BOTTOM ALLIANCE  
8800 JOURDAN AVE.  
DARLINGTON, MD  
21034

CITIZENS RADIATION MONITORING NETWORK

FOR: *NRC - Delta PA.*

DATES COVERED: 5 thru 11 August 1990

STATIONS REPORTING: 4

<u>station</u>	<u># records</u>	<u>counts/min.</u> <u>average</u>	<u>max. deviation</u>
A	<u>7</u>	<u>12.96</u>	<u>-0.76 to + 2.25</u>
B	<u>13</u>	<u>11.91</u>	<u>-1.47 to + 2.36</u>
C	<u>13</u>	<u>17.35</u>	<u>-0.90 to + 0.80</u>
D	<u>-</u>	<u>-</u>	<u>-</u>
E	<u>10</u>	<u>14.52</u>	<u>-2.82 to + 2.6</u>

Submitted by

*Jean S. Swing*  
301 457 4557

22 August 1990

PEACH BOTTOM ALLIANCE  
3300 JOURDAN AVENUE  
DARLINGTON, MARYLAND  
21034

CITIZENS RADIATION MONITORING NETWORK

FOR: *Lyash, Myers, Urban*

DATES COVERED: 12 to 18 August 1990

STATIONS REPORTING: 7

<u>station</u>	<u># records</u>	<u>counts/min.</u> <u>average</u>	<u>max. deviation</u>
A	<u>6</u>	<u>11.65</u>	<u>-0.46 to +1.25</u>
B	<u>14</u>	<u>13.12</u>	<u>-3.12 to +8.62</u> ①
C	<u>11</u>	<u>17.7</u>	<u>-0.4 to +0.55</u>
D	<u>-</u>	<u>-</u>	<u>-</u>
E	<u>-</u>	<u>-</u>	<u>-</u>
F	<u>13</u>	<u>12.35</u>	<u>-1.35 to +1.65</u>
G	<u>-</u>	<u>-</u>	<u>-</u>
H	<u>10</u>	<u>14.41</u>	<u>-2.61 to +1.3</u>
J	<u>14</u>	<u>18.2</u>	<u>-2.0 to +1.2</u>
K	<u>10</u>	<u>11.57</u>	<u>-1.47 to +0.93</u>

Submitted by

*Jean Swin*

- ① alert at 8<sup>40</sup> AM and 10<sup>47</sup> AM 16 Aug  
② alert at 10<sup>5</sup> AM 16 Aug  
③ alert at 3<sup>15</sup> AM 17 Aug

1 September '90

PEACH BOTTOM ALLIANCE  
3300 JOURDAN AVENUE  
DARLINGTON, MARYLAND  
21034

CITIZENS RADIATION MONITORING NETWORK

FOR: Lyosh, Urban, Mayers  
DATES COVERED: 19 thru 25 August 1990  
STATIONS REPORTING:

station	# records	counts/min.	
		average	max. deviation
A	<u>13</u>	<u>13.23</u>	<u>-1.6 to +3.44</u>
B	<u>11</u>	<u>12.69</u>	<u>-2.2 to +7.46</u> ①
C	<u>12</u>	<u>17.5</u>	<u>-1.67 to +0.67</u>
D	<u>—</u>	<u>—</u>	<u>—</u>
E	<u>—</u>	<u>—</u>	<u>—</u>
F	<u>14</u>	<u>12.84</u>	<u>-1.24 to 0.96</u>
G	<u>6</u>	<u>10.0</u>	<u>-0.2 to 0.2</u>
H	<u>13</u>	<u>14.8</u>	<u>-3.0 to 2.7</u>
J	<u>—</u>	<u>—</u>	<u>—</u>
K	<u>12</u>	<u>12.0</u>	<u>-2.0 to +4.8</u>

Submitted by

J. B. Curran

① spike, 19 August, 9<sup>20</sup> AM: 3 minutes @ 33, 34, 59.  
wind N at  $\pm 5$  mph.

(spike, 25 August, 10<sup>21</sup> AM at Dublin Store, <sup>note</sup> 136 x 440: )  
1 minute @ 30.

spike 25 August 5<sup>41</sup> PM 1 minute @ 30.

PEACH BOTTOM ALLIANCE  
 2800 JOURDAN AVENUE  
 DARLINGTON, MARYLAND  
 21034

CITIZENS RADIATION MONITORING NETWORK

FOR: *Lyall, Myers, Liban*

DATES COVERED: *26 August thru 1 September 90*

STATIONS REPORTING: *9*

station	# records	counts/min.	
		average	max. deviation
A	<u>12</u>	<u>12.59</u>	<u>-1.79 to +0.91</u>
B	<u>14*</u>	<u>12.12</u>	<u>-1.17 to +1.47</u>
C	<u>8</u>	<u>17.17</u>	<u>-1.12 to +1.03</u>
D*	<u>13</u>	<u>17.60</u>	<u>-3.6 to +1.2</u>
E	<u>11</u>	<u>14.85</u>	<u>-1.75 to +3.45</u>
F	<u>13</u>	<u>12.90</u>	<u>-1.2 to +1.3</u>
G	<u>7</u>	<u>10.02</u>	<u>-0.4 to +0.5</u>
H	<u>14</u>	<u>15.17</u>	<u>-5.57 to +3.43</u> ①
J	<u>—</u>	<u>—</u>	<u>—</u>
K	<u>12</u>	<u>11.18</u>	<u>-1.58 to +2.42</u>

Submitted by

*Jean S. Ewing DE*  
 301 457 4557

\* New located near Drumore, Pa.

① Five alerts, 1 minute each in duration:

- 8/28, 2:30 AM, wind NW, -33-
- 8:35 AM, " " -31-
- 8/29, 1:40 AM, wind N, -31-
- 8/30, 2:35 AM, wind N, -34-
- 11:25 PM, " " -30-

PEACH BOTTOM ALLIANCE  
 3300 JOURDAN AVENUE  
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 21034

CITIZENS RADIATION MONITORING NETWORK

FOR: Thomas Martin  
 DATES COVERED: 9 thru 15 September  
 STATIONS REPORTING: 9

station	# records	counts/min.	
		average	max. deviation
A	<u>11</u>	<u>13.22</u>	<u>-0.57 to +0.58</u>
B	<u>14</u>	<u>12.08</u>	<u>-1.29 to +2.02</u>
C	<u>11</u>	<u>17.24</u>	<u>-0.47 to +0.39</u> ①
D	<u>13</u>	<u>17.80</u>	<u>-1.4 to +1.4</u> ②
E	<u>13</u>	<u>15.4</u>	<u>-2.5 to +1.4</u> ③
F	<u>14</u>	<u>11.39</u>	<u>-1.09 to +0.52</u>
G	<u>9</u>	<u>10.25</u>	<u>-0.54 to +1.32</u>
H	<u>13</u>	<u>15.0</u>	<u>-3.5 to +3.6</u>
J	not	assigned	
K	<u>13</u>	<u>11.6</u>	<u>-1.2 to +2.9</u>

Submitted by

Jean Ewing

- ① Alert 13 September, 12<sup>10</sup> PM: 31,  $\pm$  1 minute } Station C  
 " 14 September, 4 PM: 30,  $\pm$  1 minute }
- ② Alert 15 September, 10<sup>15</sup> AM: 31  $\pm$  1 minute. Station D
- ③ Alert 9 September, 12<sup>00</sup> PM: 31  $\pm$  1 minute. }  
 " 2<sup>45</sup> PM: " } Station E  
 " 11 September 6<sup>10</sup> PM: " }  
 " 13 September 8<sup>25</sup> PM: " }

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 21034

CITIZENS RADIATION MONITORING NETWORK

FOR:

Thomas Martin

DATES COVERED: 16 ~~thru~~ 22 September '90

STATIONS REPORTING: 9

station	# records	counts/min.	
		AVERAGE	max. deviation
A	<u>11</u>	<u>13.7</u>	<u>-1.8 to +1.2</u>
B	<u>13</u>	<u>12.3</u>	<u>-1.4 to +2.8</u>
C	<u>9</u>	<u>18.6</u>	<u>-2.4 to +2.3</u> ①
D	<u>9</u>	<u>18.5</u>	<u>-0.9 to +1.0</u> ②
E	<u>11</u>	<u>15.8</u>	<u>-1.5 to +1.5</u>
F	<u>13</u>	<u>12.1</u>	<u>-0.7 to +1.4</u>
G	<u>10</u>	<u>10.1</u>	<u>-0.6 to +1.0</u>
H	<u>10</u>	<u>13.4</u>	<u>-1.6 to +1.9</u> ③
J	— not	—	— assigned —
K	<u>12</u>	<u>11.8</u>	<u>-1.7 to +2.1</u>

Submitted by

Leon S Swirup

- ① Alert 16 Sept. '90, 1<sup>52</sup> PM: 32, duration 1 min.
- ② Alert 19 Sept. '90, 4<sup>22</sup> PM: 34, duration  $\pm$  45 sec.  
 5<sup>45</sup> PM: 30, "  $\pm$  60 sec.
- ③ Alert 22 Sept. '90, 8<sup>10</sup> AM: 33, " 1 min. Winds southerly.



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CITIZENS RADIATION MONITORING NETWORK

FOR: *Mr Thomas Martin*  
 DATES COVERED: *23 thru 29 September 90*  
 STATIONS REPORTING: *8*

station	# records	counts/min.	
		average	max. deviation
A	<u>10</u>	<u>13.44</u>	<u>-2.00 to +1.89</u>
B	<u>9</u>	<u>11.89</u>	<u>-1.79 to +1.04</u>
C	<u>8</u>	<u>18.63</u>	<u>-2.30 to +4.29</u>
D	<u>—</u>	<u>—</u>	<u>— +</u>
E	<u>11</u>	<u>15.78</u>	<u>-1.54 to +0.93</u>
F	<u>13</u>	<u>12.48</u>	<u>-1.08 to +1.77</u>
G	<u>8</u>	<u>10.32</u>	<u>-0.32 to +0.78</u>
H	<u>13</u>	<u>14.42</u>	<u>-3.32 to +2.18</u>
J	<u>—</u>	<u>—</u>	<u>— +</u>
K	<u>9</u>	<u>13.73</u>	<u>-2.20 to +0.93</u>

Submitted by

*Sean Swain*

*No Alerts reported this week.*