
NRC TLD Direct Radiation Monitoring Network

Progress Report
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R. Struckmeyer

Region I
U.S. Nuclear Regulatory Commission
King of Prussia, PA 19406



MASTER

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Preface

The U. S. Nuclear Regulatory Commission (NRC) Direct Radiation Monitoring Network is operated by the NRC in cooperation with participating states to provide continuous measurement of the ambient radiation levels around licensed NRC facilities, primarily power reactors. Ambient radiation levels result from naturally occurring radionuclides present in the soil, cosmic radiation constantly bombarding the earth from outer space, and the contribution, if any, from the monitored facilities and other man-made sources. The Network is intended to measure radiation levels during routine facility operations and to establish background radiation levels used to assess the radiological impact of an unusual condition, such as an accident. This report presents the radiation levels measured around all facilities in the Network for the first quarter of 1995. A complete listing of the site facilities monitored is included. In some instances, two power reactor facilities are monitored by the same set of dosimeters (e.g., Kewaunee and Point Beach).

All radiation measurements are made using small, passive detectors called thermoluminescent dosimeters (TLDs), which provide a quantitative measurement of the radiation levels in the area in which they are placed. Each site is monitored by arranging approximately 40 to 50 TLD stations in two concentric rings extending to about five miles from the facility. All TLD stations are outside the site boundary of the facility. A complete description of the program can be found in NUREG-0837, Volume 2, Number 4. A similar description can also be found in the fourth quarter report of each subsequent year. The National Institute of Standards and Technology (formerly the National Bureau of Standards) has performed an independent study of the following characteristics of the NRC dosimetry system; energy response, angular dependence, temperature and humidity sensitivity, fading, light dependence, self-irradiation, and reproducibility. NIST has also tested the response of the NRC's dosimetry system against the requirements of ANSI N545-1975 and NRC Regulatory Guide 4.13. Details of this testing can be found in NUREG/CR-3775.

The radiation levels are presented as gross and net exposures. The gross exposure includes naturally occurring background radiation, radiation levels resulting from a facility's operation, and the exposure received during transport and storage of the TLD. Net exposures are obtained by subtracting an estimate of the exposure received by the dosimeters during transit from the gross exposures. All exposures are normalized to a 90-day quarter (standard quarter) and reported in units of milliroentgens (mR). Station numbers for which no data are reported included stations which have been deleted, stations for which the TLD was lost during the quarter, or stations for which the TLD was damaged. When control dosimeter data are unavailable, no net exposures are calculated.

Three sets of data are presented for each site. The first set includes the TLD station number, its direction and distance from the site, the integrated gross exposure for the period, the net exposure normalized to a 90-day quarter (standard quarter), and the historical average and standard

deviation for the station. All measurements for the current quarter are listed with their respective random and total uncertainties. The uncertainties are listed in the following format:

$$X \pm S_x; U_x$$

where X = value of the result
 S_x = random uncertainty expressed as one standard deviation
 U_x = combined total uncertainty

The second set of data summarizes the average net exposure measured in each of the 16 standard windrose sectors around the facility, normalized to a standard quarter. The third set of data summarizes the average net exposure measured at three ranges of distances from the facility, normalized to a standard quarter. When average net exposures cannot be reported because of the unavailability of the site's transit control dosimeter, the average gross exposures, normalized to a standard quarter, are reported in these two sets of data. The "Std.Dev." refers to the standard deviation of the measurements made in each sector and range, respectively.

This report is one of a continuing series of technical reports covering the results and experiences of the operation of the NRC TLD Direct Radiation Monitoring Network. Suggestions on methods to improve the presentation or analysis of the data contained in this NUREG are appreciated and should be submitted to NRC Region I, 475 Allendale Road, King of Prussia, Pennsylvania 19406, ATTN: Radiation Dosimetry Specialist.

Sites Monitored During the First Quarter 1995

- | | |
|---------------------------------|--------------------------|
| 1. Arkansas Nuclear One | 37. Millstone |
| 2. Beaver Valley | 38. Monticello |
| 3. Big Rock Point | 39. North Anna |
| 4. Braidwood | 40. Oconee |
| 5. Browns Ferry | 41. Oyster Creek |
| 6. Brunswick | 42. Palisades |
| 7. Byron | 43. Palo Verde |
| 8. Callaway | 44. Peach Bottom |
| 9. Calvert Cliffs | 45. Perry |
| 10. Catawba | 46. Pilgrim |
| 11. Clinton | 47. Prairie Island |
| 12. Comanche Peak | 48. Quad Cities |
| 13. Cooper | 49. Rancho Seco |
| 14. Crystal River | 50. River Bend |
| 15. Davis Besse | 51. Robinson |
| 16. D.C. Cook | 52. Salem/Hope Creek |
| 17. Diablo Canyon | 53. San Onofre |
| 18. Dresden | 54. Seabrook |
| 19. Duane Arnold | 55. Sequoyah |
| 20. Farley | 56. Shoreham |
| 21. Fermi | 57. South Texas |
| 22. FitzPatrick/Nine Mile Point | 58. St. Lucie |
| 23. Fort Calhoun | 59. Summer |
| 24. Fort St. Vrain | 60. Surry |
| 25. Ginna | 61. Susquehanna |
| 26. Grand Gulf | 62. Three Mile Island |
| 27. Haddam Neck | 63. Trojan |
| 28. Harris | 64. Turkey Point |
| 29. Hatch | 65. Vermont Yankee |
| 30. Indian Point | 66. Vogtle |
| 31. Kewaunee/Point Beach | 67. Washington Nuclear 2 |
| 32. Lacrosse | 68. Waterford |
| 33. LaSalle | 69. Watts Bar |
| 34. Limerick | 70. Wolf Creek |
| 35. Maine Yankee | 71. Yankee Rowe |
| 36. McGuire | 72. Zion |

ARKANSAS

TLD Direct Radiation Environmental Monitoring

For the period 941203-950418 137 Days

Field Time: 78 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	4	0.4	25.7 +- 0.8; 3.9		18.3 +- 1.1; 5.8		17.3 +- 1.2	
2	353	4.1	25.7 +- 0.8; 3.9		18.3 +- 1.1; 5.8		17.2 +- 1.4	
3	32	1.3	26.4 +- 0.8; 4.0		19.2 +- 1.1; 5.9		17.9 +- 1.2	
4	13	3.3	25.2 +- 0.8; 3.8		17.7 +- 1.0; 5.7		16.5 +- 1.4	
5	53	1.5	26.2 +- 0.8; 3.9		18.9 +- 1.1; 5.8		17.3 +- 1.5	
6	37	3.6	24.4 +- 0.7; 3.7		16.8 +- 1.0; 5.6		16.5 +- 1.3	
7	78	2.5	27.4 +- 0.8; 4.1		20.3 +- 1.1; 6.0		18.7 +- 1.5	
8	60	3.2	27.0 +- 0.8; 4.1		19.8 +- 1.1; 6.0		19.9 +- 2.6	
9	92	0.5	27.2 +- 0.8; 4.1		20.1 +- 1.1; 6.0		18.9 +- 1.7	
10	83	5.5	25.1 +- 0.8; 3.8		17.6 +- 1.0; 5.7		17.4 +- 1.4	
11	122	2.1	25.0 +- 0.8; 3.8		17.5 +- 1.0; 5.7		16.2 +- 1.4	
12	109	6.8	25.4 +- 0.8; 3.8		17.9 +- 1.0; 5.7		17.9 +- 1.4	
13	138	2.6	24.5 +- 0.7; 3.7		16.9 +- 1.0; 5.6		14.9 +- 1.4	
14	130	4.9	24.9 +- 0.7; 3.7		17.4 +- 1.0; 5.7		15.9 +- 1.4	
16	167	4.4	25.7 +- 0.8; 3.9		18.3 +- 1.1; 5.8		17.3 +- 1.1	
17	171	0.4	25.0 +- 0.8; 3.8		17.5 +- 1.0; 5.7		16.9 +- 1.5	
18	189	3.2	25.3 +- 0.8; 3.8		17.9 +- 1.0; 5.7		17.2 +- 1.4	
19	205	2.9	25.2 +- 0.8; 3.8		17.7 +- 1.0; 5.7		16.6 +- 1.6	
20	195	5.8	24.3 +- 0.7; 3.6		16.7 +- 1.0; 5.6		15.8 +- 1.8	
21	235	0.5	27.1 +- 0.8; 4.1		19.9 +- 1.1; 6.0		19.2 +- 1.6	
22	230	3.6	23.1 +- 0.7; 3.5		15.3 +- 1.0; 5.4		14.2 +- 1.6	
23	257	2.8	21.9 +- 0.7; 3.3		14.0 +- 0.9; 5.3		15.8 +- 1.7	
24	243	4.5	25.3 +- 0.8; 3.8		17.9 +- 1.0; 5.7		16.6 +- 1.3	
25	279	1.2	27.5 +- 0.8; 4.1		20.4 +- 1.1; 6.0		19.9 +- 1.5	
26	263	4.3	26.4 +- 0.8; 4.0		19.1 +- 1.1; 5.9		17.2 +- 1.4	
27	298	0.4	27.7 +- 0.8; 4.2		20.7 +- 1.1; 6.1		18.5 +- 1.5	
28	293	5.8	26.2 +- 0.8; 3.9		19.0 +- 1.1; 5.8		16.7 +- 1.4	
29	326	1.9	26.9 +- 0.8; 4.0		19.7 +- 1.1; 5.9		17.7 +- 1.4	
30	308	4.8	26.1 +- 0.8; 3.9		18.8 +- 1.1; 5.8		17.6 +- 1.6	
31	345	1.3	27.1 +- 0.8; 4.1		19.9 +- 1.1; 6.0		18.3 +- 1.6	
32	335	4.2	25.2 +- 0.8; 3.8		17.8 +- 1.0; 5.7		15.6 +- 1.5	
33	110	0.8	27.1 +- 0.8; 4.1		20.0 +- 1.1; 6.0		18.4 +- 1.7	
39	112	6.0	27.0 +- 0.8; 4.0		19.8 +- 1.1; 6.0		18.1 +- 1.7	
40	147	8.0	26.9 +- 0.8; 4.0		19.7 +- 1.1; 5.9		18.2 +- 1.3	
41	106	17.0	25.3 +- 0.8; 3.8		17.9 +- 1.0; 5.7		17.8 +- 1.2	
42	310	17.0	24.6 +- 0.7; 3.7		17.1 +- 1.0; 5.6		15.8 +- 1.6	
43	105	5.2	26.9 +- 0.8; 4.0		19.7 +- 1.1; 5.9		18.1 +- 1.6	
44	315	13.0	26.5 +- 0.8; 4.0		19.3 +- 1.1; 5.9		17.3 +- 1.4	
45	47	8.9	23.9 +- 0.7; 3.6		16.3 +- 1.0; 5.5		15.4 +- 1.8	
46	115	8.3	26.9 +- 0.8; 4.0		19.7 +- 1.1; 5.9		18.1 +- 1.8	
47	208	20.0	25.6 +- 0.8; 3.8		18.2 +- 1.0; 5.8		17.5 +- 2.4	
48	179	19.0	26.6 +- 0.8; 4.0		19.3 +- 1.1; 5.9		17.3 +- 1.5	
49	150	22.0	27.1 +- 0.8; 4.1		19.9 +- 1.1; 6.0		18.6 +- 1.8	

Transit Dose = 9.8 +- 0.5; 3.2

ARKANSAS

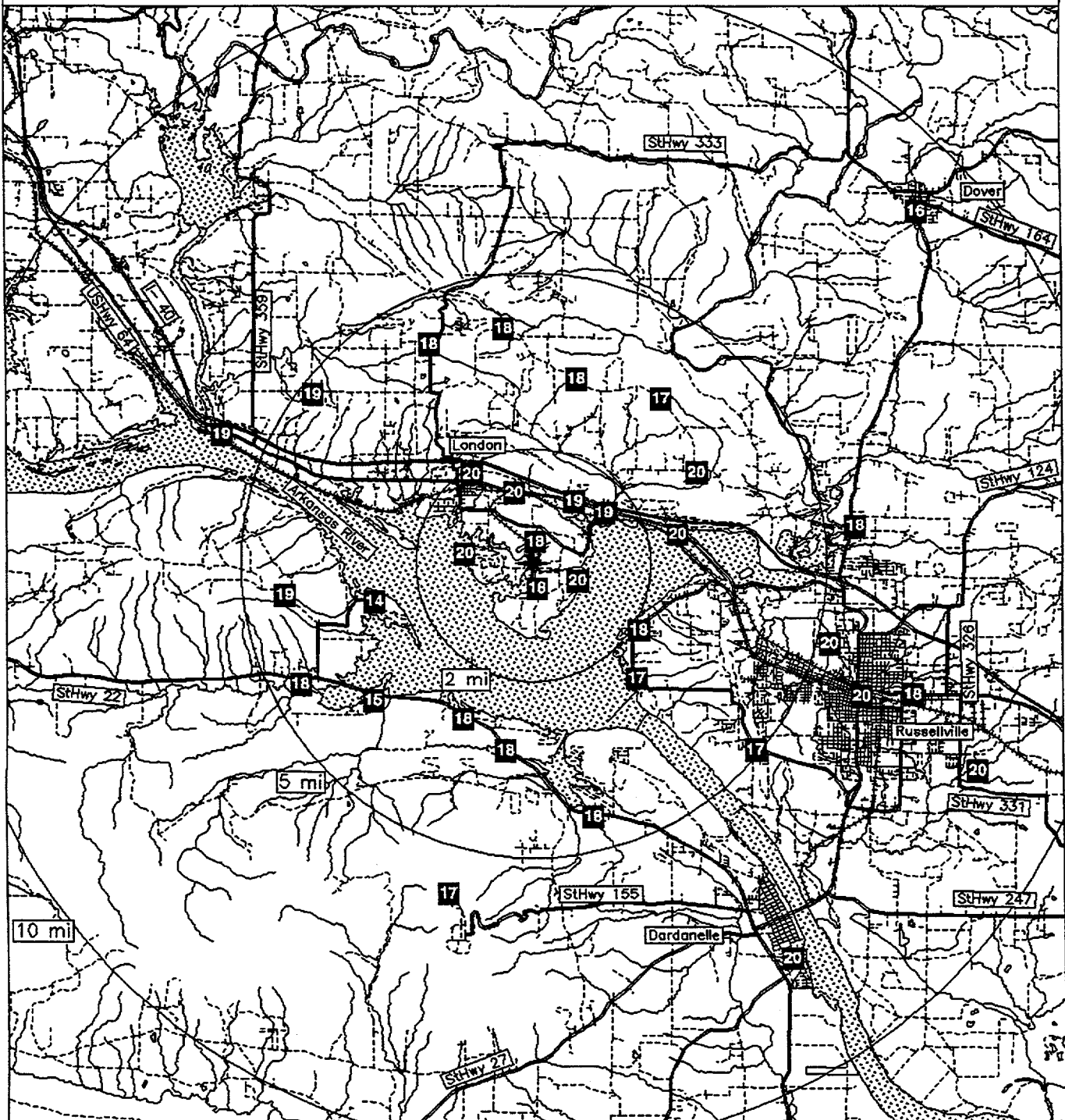
For the period 941203-950418

TLD Direct Radiation Environmental Monitoring

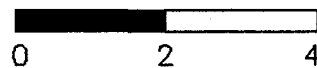
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.3 +- 0.0	2
11.26 - 33.75 NNE	18.5 +- 1.0	2
33.76 - 56.25 NE	17.3 +- 1.4	3
56.26 - 78.75 ENE	20.1 +- 0.3	2
78.76 - 101.25 E	18.9 +- 1.7	2
101.26 - 123.75 ESE	18.9 +- 1.1	7
123.76 - 146.25 SE	17.2 +- 0.3	2
146.26 - 168.75 SSE	19.0 +- 1.0	2
168.76 - 191.25 S	17.7 +- 0.3	2
191.26 - 213.75 SSW	17.2 +- 0.7	2
213.76 - 236.25 SW	17.6 +- 3.3	2
236.26 - 258.75 WSW	15.9 +- 2.7	2
258.76 - 281.25 W	19.8 +- 1.0	2
281.26 - 303.75 WNW	19.8 +- 1.2	2
303.76 - 326.25 NW	18.7 +- 1.1	4
326.26 - 348.75 NNW	18.8 +- 1.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.5 +- 0.9	11
2 - 5	17.7 +- 1.5	17
> 5	18.4 +- 1.3	12
Upwind Control	19.2 +- 0.9	3

NRC TLD DOSES FOR ARKANSAS AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

BEAVER VALLEY

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	340 15.8	22.9 +- 0.7; 3.4	15.6 +- 0.8; 4.7	16.8 +- 1.2
2	3 13.1	22.9 +- 0.7; 3.4	15.6 +- 0.8; 4.7	17.1 +- 1.4
4	29 11.9	24.6 +- 0.7; 3.7	17.3 +- 0.8; 4.9	19.3 +- 2.3
5	53 8.2	25.6 +- 0.8; 3.8	18.3 +- 0.9; 5.0	18.3 +- 1.3
6	58 9.1	26.5 +- 0.8; 4.0	19.2 +- 0.9; 5.1	19.1 +- 1.4
7	97 8.0	26.5 +- 0.8; 4.0	19.2 +- 0.9; 5.1	19.4 +- 1.4
8	110 4.2	25.3 +- 0.8; 3.8	18.0 +- 0.9; 5.0	18.7 +- 1.3
9	111 1.9	26.5 +- 0.8; 4.0	19.1 +- 0.9; 5.1	19.7 +- 1.6
10	92 2.2	26.6 +- 0.8; 4.0	19.2 +- 0.9; 5.1	19.2 +- 1.3
11	64 3.6	25.5 +- 0.8; 3.8	18.1 +- 0.9; 5.0	19.3 +- 1.6
12	148 4.0	27.6 +- 0.8; 4.1	20.2 +- 0.9; 5.2	20.8 +- 1.4
13	171 4.4	25.3 +- 0.8; 3.8	17.9 +- 0.9; 4.9	18.4 +- 1.4
14	183 4.4	25.2 +- 0.8; 3.8	17.9 +- 0.9; 4.9	18.3 +- 1.4
15	198 3.6	24.9 +- 0.7; 3.7	17.6 +- 0.9; 4.9	18.5 +- 1.4
16	254 5.7	25.6 +- 0.8; 3.8	18.3 +- 0.9; 5.0	18.1 +- 1.1
17	267 6.5	23.5 +- 0.7; 3.5	16.2 +- 0.8; 4.7	17.4 +- 1.5
18	231 2.5	24.8 +- 0.7; 3.7	17.4 +- 0.9; 4.9	18.4 +- 1.4
19	266 2.5	26.5 +- 0.8; 4.0	19.1 +- 0.9; 5.1	19.9 +- 1.3
20	291 3.8	23.4 +- 0.7; 3.5	16.1 +- 0.8; 4.7	16.8 +- 1.8
21	287 1.8	27.9 +- 0.8; 4.2	20.6 +- 0.9; 5.3	20.6 +- 1.5
22	219 1.5	23.7 +- 0.7; 3.6	16.4 +- 0.8; 4.8	17.6 +- 1.3
23	252 2.4	29.6 +- 0.9; 4.4	22.2 +- 1.0; 5.4	20.9 +- 2.1
24	207 2.2	25.9 +- 0.8; 3.9	18.6 +- 0.9; 5.0	19.3 +- 1.4
25	187 2.2	26.8 +- 0.8; 4.0	19.5 +- 0.9; 5.1	19.8 +- 1.3
26	158 2.2	24.8 +- 0.7; 3.7	17.5 +- 0.9; 4.9	18.7 +- 1.5
27	135 1.9	25.6 +- 0.8; 3.8	18.3 +- 0.9; 5.0	19.6 +- 1.5
28	99 1.4	27.2 +- 0.8; 4.1	19.8 +- 0.9; 5.2	20.0 +- 1.5
29	64 1.4	24.6 +- 0.7; 3.7	17.2 +- 0.8; 4.9	18.2 +- 1.4
30	53 1.0	25.3 +- 0.8; 3.8	17.9 +- 0.9; 4.9	18.8 +- 1.4
31	320 1.4	Missing Dosimeter	No Net Data	21.2 +- 1.8
32	320 3.5	24.3 +- 0.7; 3.6	17.0 +- 0.8; 4.8	18.6 +- 1.6
33	335 2.5	25.9 +- 0.8; 3.9	18.5 +- 0.9; 5.0	18.8 +- 1.5
34	340 5.2	21.5 +- 0.6; 3.2	14.2 +- 0.8; 4.5	16.6 +- 2.0
35	4 3.5	25.5 +- 0.8; 3.8	18.2 +- 0.9; 5.0	19.4 +- 1.4
36	23 3.2	27.8 +- 0.8; 4.2	20.5 +- 0.9; 5.2	21.6 +- 1.6
37	42 2.8	23.6 +- 0.7; 3.5	16.3 +- 0.8; 4.8	16.4 +- 1.2
38	27 1.6	23.2 +- 0.7; 3.5	15.9 +- 0.8; 4.7	17.3 +- 1.4
39	348 1.6	24.9 +- 0.7; 3.7	17.5 +- 0.9; 4.9	18.7 +- 1.6
40	340 15.8	23.5 +- 0.7; 3.5	16.2 +- 0.8; 4.7	16.1 +- 1.4
41	340 15.8	22.9 +- 0.7; 3.4	15.6 +- 0.8; 4.7	16.6 +- 1.1

Transit Dose = 7.1 +- 0.4; 3.3

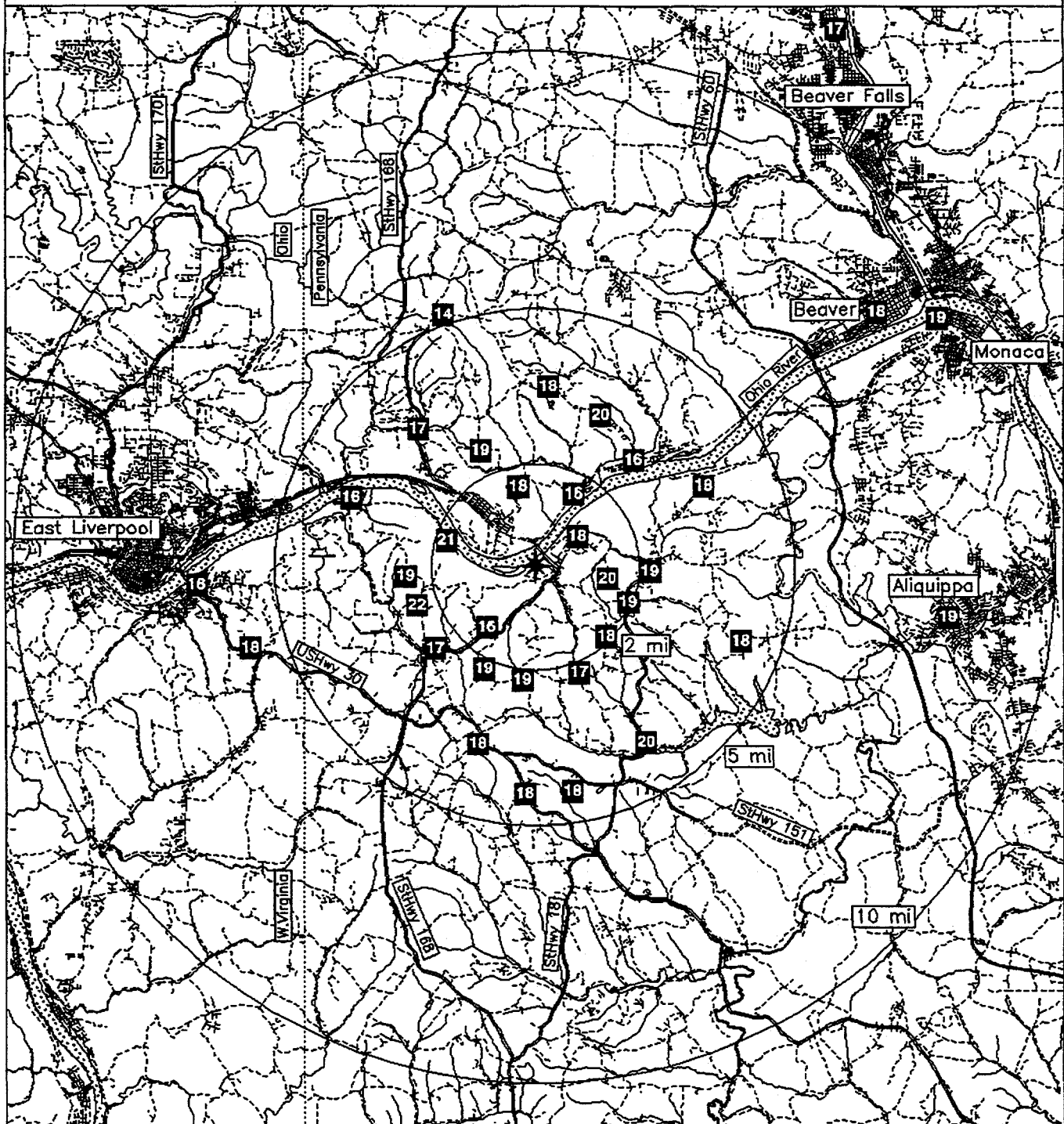
BEAVER VALLEY
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.9 +- 1.8	2
11.26 - 33.75 NNE	17.9 +- 2.4	3
33.76 - 56.25 NE	17.5 +- 1.0	3
56.26 - 78.75 ENE	18.2 +- 1.0	3
78.76 - 101.25 E	19.4 +- 0.4	3
101.26 - 123.75 ESE	18.6 +- 0.8	2
123.76 - 146.25 SE	18.3 +- 0.0	1
146.26 - 168.75 SSE	18.8 +- 2.0	2
168.76 - 191.25 S	18.4 +- 0.9	3
191.26 - 213.75 SSW	18.1 +- 0.7	2
213.76 - 236.25 SW	16.9 +- 0.7	2
236.26 - 258.75 WSW	20.2 +- 2.8	2
258.76 - 281.25 W	17.7 +- 2.1	2
281.26 - 303.75 WNW	18.4 +- 3.2	2
303.76 - 326.25 NW	17.0 +- 0.0	1
326.26 - 348.75 NNW	16.7 +- 2.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.1 +- 1.6	9
2 - 5	18.4 +- 1.5	19
> 5	17.3 +- 1.8	8
Upwind Control	15.8 +- 0.4	3

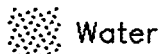
NRC TLD DOSES FOR BEAVER VALLEY AREA



Miles

0 2 4

Legend



Water

— Highways

--- Roads

★ Plant..site

BIG ROCK
 TLD Direct Radiation Environmental Monitoring
 For the period 941205-950418 135 Days
 Field Time: 94 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	208 4.9	18.3 +- 0.6; 2.8	13.1 +- 0.6; 4.0	13.6 +- 1.4
2	220 3.6	17.7 +- 0.5; 2.7	12.5 +- 0.6; 3.9	12.5 +- 1.7
3	204 2.4	17.8 +- 0.5; 2.7	12.6 +- 0.6; 3.9	12.9 +- 2.0
4	176 3.3	18.0 +- 0.5; 2.7	12.8 +- 0.6; 3.9	12.6 +- 1.6
5	161 4.6	18.2 +- 0.5; 2.7	13.0 +- 0.6; 4.0	13.1 +- 1.7
6	133 4.7	18.7 +- 0.6; 2.8	13.5 +- 0.6; 4.0	14.3 +- 1.8
7	116 3.7	18.8 +- 0.6; 2.8	13.6 +- 0.6; 4.0	14.9 +- 1.9
8	111 4.7	18.1 +- 0.5; 2.7	12.9 +- 0.6; 4.0	14.6 +- 2.3
9	98 4.5	17.1 +- 0.5; 2.6	12.0 +- 0.6; 3.9	13.2 +- 1.6
10	88 12.0	17.7 +- 0.5; 2.7	12.5 +- 0.6; 3.9	12.6 +- 1.6
11	83 16.0	17.5 +- 0.5; 2.6	12.3 +- 0.6; 3.9	12.9 +- 2.2
12	83 16.0	17.8 +- 0.5; 2.7	12.6 +- 0.6; 3.9	12.6 +- 1.8
13	83 16.0	17.9 +- 0.5; 2.7	12.7 +- 0.6; 3.9	12.7 +- 1.6
14	77 3.4	16.9 +- 0.5; 2.5	11.7 +- 0.6; 3.8	12.0 +- 1.6
15	96 1.8	17.6 +- 0.5; 2.6	12.4 +- 0.6; 3.9	14.0 +- 1.8
16	118 2.0	17.6 +- 0.5; 2.6	12.4 +- 0.6; 3.9	13.8 +- 2.0
17	134 2.0	18.6 +- 0.6; 2.8	13.4 +- 0.6; 4.0	13.5 +- 1.6
18	222 1.9	18.9 +- 0.6; 2.8	13.6 +- 0.6; 4.0	12.2 +- 2.0
19	194 1.4	19.2 +- 0.6; 2.9	13.9 +- 0.7; 4.1	15.0 +- 1.8
20	179 1.5	18.1 +- 0.5; 2.7	12.9 +- 0.6; 4.0	13.3 +- 1.6
21	153 1.1	17.7 +- 0.5; 2.7	12.5 +- 0.6; 3.9	13.0 +- 1.5

Transit Dose = 4.7 +- 0.4; 3.1

BIG ROCK

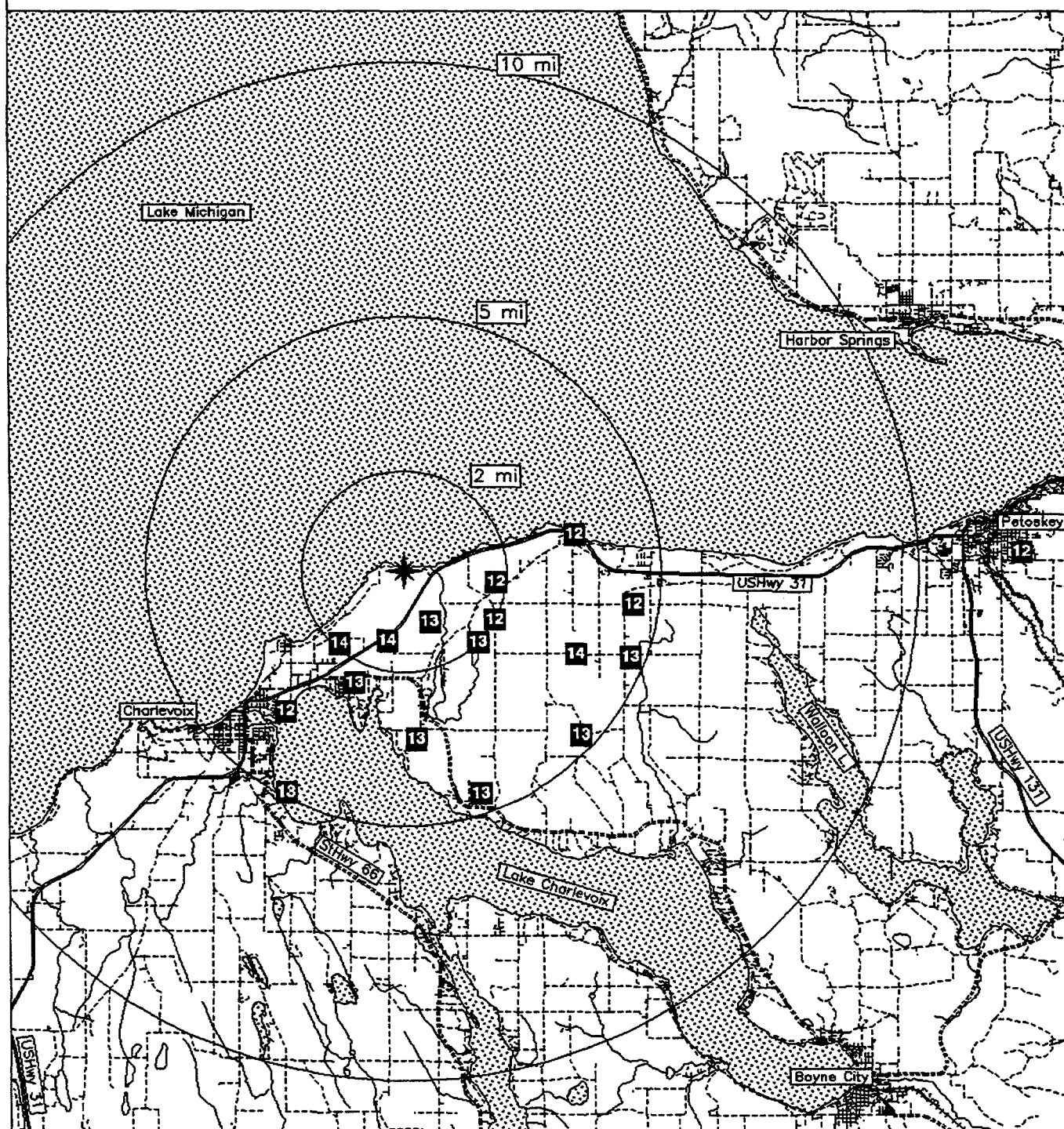
For the period 941205-950418

TLD Direct Radiation Environmental Monitoring

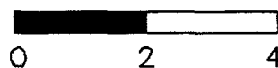
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	11.7 +- 0.0	1
78.76 - 101.25 E	12.3 +- 0.3	3
101.26 - 123.75 ESE	13.0 +- 0.6	3
123.76 - 146.25 SE	13.4 +- 0.1	2
146.26 - 168.75 SSE	12.7 +- 0.3	2
168.76 - 191.25 S	12.8 +- 0.1	2
191.26 - 213.75 SSW	13.2 +- 0.7	3
213.76 - 236.25 SW	13.0 +- 0.8	2
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.0 +- 0.6	7
2 - 5	12.8 +- 0.6	10
> 5	12.5 +- 0.0	1
Upwind Control	12.5 +- 0.2	3

NRC TLD DOSES FOR BIG ROCK POINT AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

BRAIDWOOD

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 89 Days

NRC Sta	Location		Gross			Net Exposure Rate			Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.			(mR/Std. Qtr.) +-Rdm; Tot.			Net Exp Rate +-1 Std Dev	
1	28	0.8	20.2	+-	0.6; 3.0	15.8	+-	0.7; 4.3	13.7	+- 3.2
2	29	1.3	19.2	+-	0.6; 2.9	14.8	+-	0.7; 4.2	14.7	+- 2.0
3	53	2.0	19.2	+-	0.6; 2.9	14.8	+-	0.7; 4.2	12.3	+- 3.1
4	72	2.1	20.1	+-	0.6; 3.0	15.7	+-	0.7; 4.3	14.8	+- 1.9
5	87	2.0	19.4	+-	0.6; 2.9	15.0	+-	0.7; 4.2	14.4	+- 2.4
6	119	2.5	19.4	+-	0.6; 2.9	15.0	+-	0.7; 4.2	13.7	+- 3.1
7	133	3.3	19.8	+-	0.6; 3.0	15.4	+-	0.7; 4.2	14.9	+- 2.0
8	151	3.3	19.8	+-	0.6; 3.0	15.5	+-	0.7; 4.2	14.0	+- 1.9
9	172	3.9	22.1	+-	0.7; 3.3	17.8	+-	0.8; 4.5	18.6	+- 4.3
10	197	2.8	18.5	+-	0.6; 2.8	14.1	+-	0.7; 4.1	14.9	+- 2.3
11	212	1.4	18.7	+-	0.6; 2.8	14.3	+-	0.7; 4.1	13.9	+- 2.0
12	232	1.0	18.9	+-	0.6; 2.8	14.5	+-	0.7; 4.1	13.7	+- 2.6
13	255	1.0	19.0	+-	0.6; 2.9	14.6	+-	0.7; 4.2	13.8	+- 1.7
14	278	1.2	19.1	+-	0.6; 2.9	14.7	+-	0.7; 4.2	14.5	+- 2.2
15	310	1.3	18.2	+-	0.5; 2.7	13.8	+-	0.7; 4.1	14.4	+- 2.1
16	342	1.3	19.3	+-	0.6; 2.9	14.9	+-	0.7; 4.2	12.2	+- 2.9
17	8	1.5	19.2	+-	0.6; 2.9	14.8	+-	0.7; 4.2	14.4	+- 2.2
18	18	3.5	23.2	+-	0.7; 3.5	18.9	+-	0.8; 4.6	18.0	+- 3.5
19	42	6.3	19.5	+-	0.6; 2.9	15.1	+-	0.7; 4.2	13.6	+- 2.7
20	69	5.7	21.6	+-	0.6; 3.2	17.3	+-	0.7; 4.4	15.7	+- 2.5
21	86	7.0	21.1	+-	0.6; 3.2	16.7	+-	0.7; 4.4	16.7	+- 2.2
22	103	11.4	22.2	+-	0.7; 3.3	17.8	+-	0.8; 4.5	15.8	+- 3.5
23	45	4.9	20.2	+-	0.6; 3.0	15.8	+-	0.7; 4.3	15.3	+- 2.1
24	70	4.2	18.7	+-	0.6; 2.8	14.3	+-	0.7; 4.1	14.4	+- 2.2
25	86	4.1	18.3	+-	0.5; 2.7	13.9	+-	0.7; 4.1	12.4	+- 3.0
26	125	5.0	18.6	+-	0.6; 2.8	14.2	+-	0.7; 4.1	13.3	+- 3.4
27	142	7.2	20.1	+-	0.6; 3.0	15.7	+-	0.7; 4.3	16.8	+- 2.9
28	161	6.1	18.0	+-	0.5; 2.7	13.5	+-	0.7; 4.0	14.6	+- 2.2
29	180	5.9	25.3	+-	0.8; 3.8	21.0	+-	0.8; 4.9	19.0	+- 3.4
30	187	5.8	24.0	+-	0.7; 3.6	19.6	+-	0.8; 4.7	19.9	+- 2.7
31	225	5.4	21.3	+-	0.6; 3.2	17.0	+-	0.7; 4.4	17.3	+- 2.3
32	253	4.0	18.4	+-	0.6; 2.8	14.0	+-	0.7; 4.1	15.0	+- 2.1
33	289	4.1	20.8	+-	0.6; 3.1	16.4	+-	0.7; 4.3	16.4	+- 2.5
34	315	4.0	20.3	+-	0.6; 3.0	15.9	+-	0.7; 4.3	15.9	+- 2.2
35	333	4.0	23.5	+-	0.7; 3.5	19.1	+-	0.8; 4.6	14.9	+- 2.7
36	0	5.5	18.5	+-	0.6; 2.8	14.1	+-	0.7; 4.1	14.7	+- 2.4
37	21	5.0	17.9	+-	0.5; 2.7	13.5	+-	0.7; 4.0	12.4	+- 3.3
38	224	14.7	18.1	+-	0.5; 2.7	13.7	+-	0.7; 4.1	14.1	+- 2.7
39	224	14.7	18.4	+-	0.6; 2.8	14.0	+-	0.7; 4.1	13.8	+- 2.2
40	187	10.3	23.2	+-	0.7; 3.5	18.9	+-	0.8; 4.6	17.8	+- 3.0

Transit Dose = 4.6 +- 0.4; 3.0

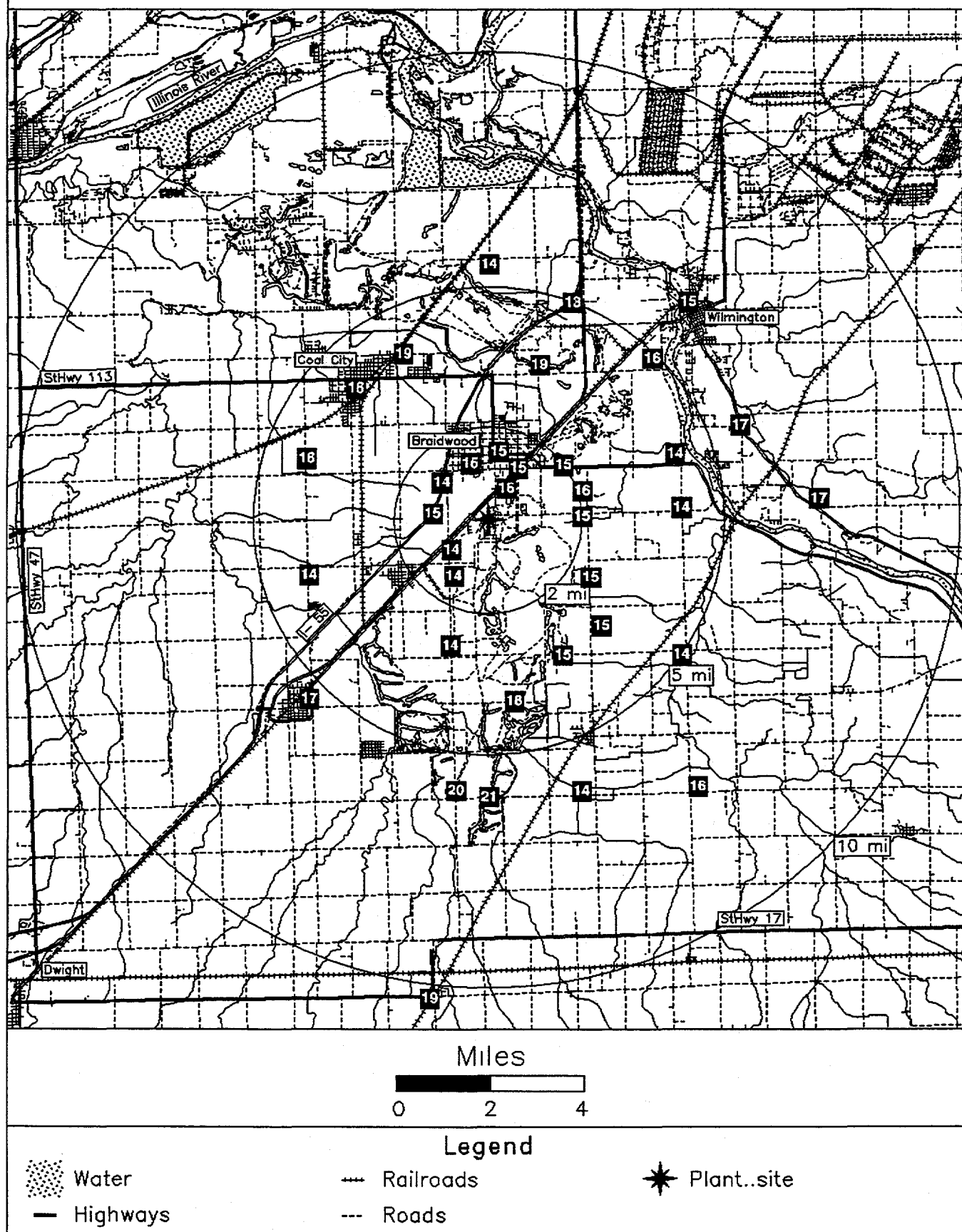
BRAIDWOOD
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.4 +- 0.5	2
11.26 - 33.75 NNE	15.7 +- 2.3	4
33.76 - 56.25 NE	15.2 +- 0.5	3
56.26 - 78.75 ENE	15.8 +- 1.5	3
78.76 - 101.25 E	15.2 +- 1.4	3
101.26 - 123.75 ESE	16.4 +- 2.0	2
123.76 - 146.25 SE	15.1 +- 0.8	3
146.26 - 168.75 SSE	14.5 +- 1.4	2
168.76 - 191.25 S	19.5 +- 1.6	3
191.26 - 213.75 SSW	14.2 +- 0.1	2
213.76 - 236.25 SW	15.1 +- 1.7	3
236.26 - 258.75 WSW	14.3 +- 0.5	2
258.76 - 281.25 W	14.7 +- 0.0	1
281.26 - 303.75 WNW	16.4 +- 0.0	1
303.76 - 326.25 NW	14.9 +- 1.5	2
326.26 - 348.75 NNW	17.0 +- 3.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.7 +- 0.5	11
2 - 5	15.6 +- 1.7	16
> 5	16.5 +- 2.4	11
Upwind Control	16.4 +- 3.5	2

NRC TLD DOSES FOR BRAIDWOOD AREA



BROWNS FERRY

TLD Direct Radiation Environmental Monitoring

For the period 941206-950503 149 Days

Field Time: 87 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	130	9.0	20.2 +- 0.6; 3.0		17.3 +- 0.7; 4.3		14.1 +- 1.9	
2	133	5.5	23.1 +- 0.7; 3.5		20.3 +- 0.8; 4.6		15.1 +- 2.1	
3	153	4.3	20.6 +- 0.6; 3.1		17.7 +- 0.7; 4.3		14.5 +- 2.1	
4	210	5.8	24.8 +- 0.7; 3.7		22.1 +- 0.8; 4.8		17.5 +- 2.3	
5	220	6.0	20.8 +- 0.6; 3.1		18.0 +- 0.7; 4.3		14.9 +- 2.0	
6	245	4.5	23.8 +- 0.7; 3.6		21.1 +- 0.8; 4.7		18.3 +- 2.3	
7	269	1.9	23.1 +- 0.7; 3.5		20.3 +- 0.8; 4.6		16.2 +- 2.1	
8	257	11.0	20.8 +- 0.6; 3.1		18.0 +- 0.7; 4.3		15.5 +- 2.0	
9	295	7.0	22.1 +- 0.7; 3.3		19.3 +- 0.8; 4.5		16.2 +- 2.4	
10	292	4.5	21.9 +- 0.7; 3.3		19.0 +- 0.8; 4.5		16.3 +- 2.0	
11	269	1.9	22.4 +- 0.7; 3.4		19.5 +- 0.8; 4.5		16.6 +- 2.1	
12	240	2.6	21.0 +- 0.6; 3.2		18.2 +- 0.7; 4.4		15.4 +- 2.1	
13	220	1.7	22.0 +- 0.7; 3.3		19.2 +- 0.8; 4.5		18.4 +- 2.8	
14	268	17.0	23.3 +- 0.7; 3.5		20.5 +- 0.8; 4.6		17.1 +- 2.1	
15	201	3.0	22.9 +- 0.7; 3.4		20.2 +- 0.8; 4.6		17.0 +- 2.0	
16	181	3.0	20.2 +- 0.6; 3.0		17.3 +- 0.7; 4.3		15.6 +- 2.4	
17	50	9.5	23.8 +- 0.7; 3.6		21.1 +- 0.8; 4.7		17.2 +- 2.0	
18	51	3.5	21.2 +- 0.6; 3.2		18.4 +- 0.7; 4.4		15.6 +- 1.8	
19	62	3.2	22.4 +- 0.7; 3.4		19.6 +- 0.8; 4.5		16.1 +- 2.2	
20	86	2.8	25.0 +- 0.7; 3.7		22.3 +- 0.8; 4.8		18.4 +- 2.1	
21	111	3.1	24.6 +- 0.7; 3.7		21.9 +- 0.8; 4.8		19.1 +- 2.3	
22	64	1.1	25.5 +- 0.8; 3.8		22.8 +- 0.9; 4.9		19.8 +- 2.2	
23	90	26.0	21.9 +- 0.7; 3.3		19.1 +- 0.8; 4.5		16.5 +- 2.4	
24	111	0.8	23.0 +- 0.7; 3.4		20.2 +- 0.8; 4.6		17.7 +- 1.9	
25	46	2.2	24.7 +- 0.7; 3.7		22.0 +- 0.8; 4.8		17.8 +- 2.2	
26	26	1.7	25.2 +- 0.8; 3.8		22.5 +- 0.8; 4.9		19.6 +- 2.3	
27	333	1.7	21.5 +- 0.6; 3.2		18.6 +- 0.7; 4.4		16.4 +- 2.0	
28	335	1.0	24.9 +- 0.7; 3.7		22.2 +- 0.8; 4.8		18.1 +- 2.6	
29	27	3.8	23.9 +- 0.7; 3.6		21.1 +- 0.8; 4.7		17.7 +- 2.1	
30	0	4.0	22.6 +- 0.7; 3.4		19.8 +- 0.8; 4.5		15.1 +- 2.0	
31	340	5.3	24.6 +- 0.7; 3.7		21.9 +- 0.8; 4.8		18.2 +- 2.1	
32	312	12.0	22.4 +- 0.7; 3.4		19.5 +- 0.8; 4.5		17.7 +- 2.4	
33	0	1.5	25.4 +- 0.8; 3.8		22.7 +- 0.9; 4.9		19.1 +- 2.1	
34	52	7.0	22.1 +- 0.7; 3.3		19.3 +- 0.8; 4.5		16.3 +- 2.4	
35	95	5.4	23.4 +- 0.7; 3.5		20.6 +- 0.8; 4.6		16.9 +- 2.1	
36	68	5.6	24.6 +- 0.7; 3.7		21.9 +- 0.8; 4.8		17.7 +- 2.3	
37	149	7.8	23.6 +- 0.7; 3.5		20.9 +- 0.8; 4.7		16.4 +- 2.0	
38	164	7.0	21.1 +- 0.6; 3.2		18.3 +- 0.7; 4.4		13.7 +- 2.0	

Transit Dose = 3.5 +- 0.3; 2.8

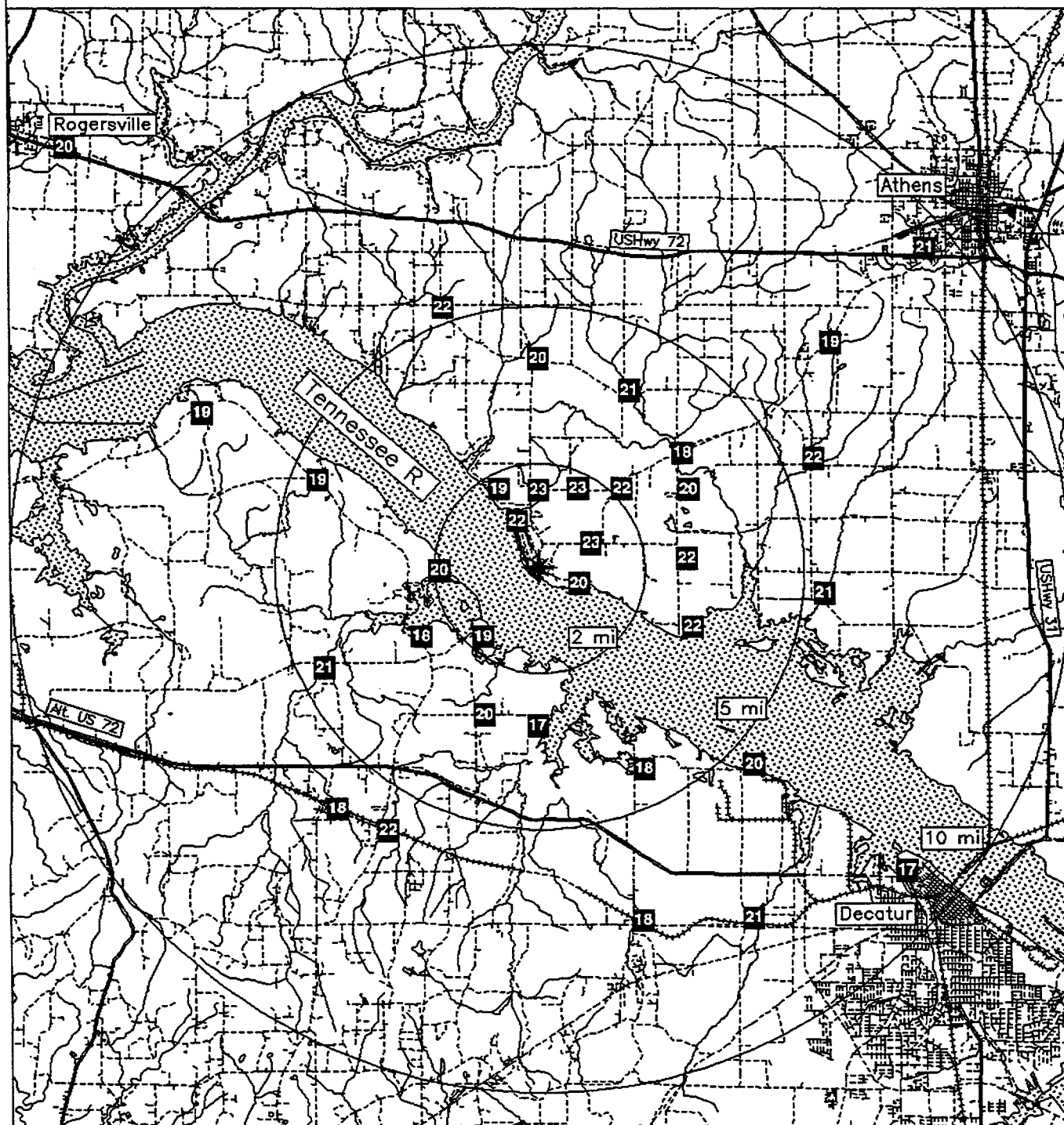
BROWNS FERRY
For the period 941206-950503

TLD Direct Radiation Environmental Monitoring

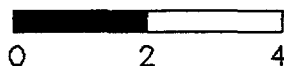
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	21.2 +- 2.1	2
11.26 - 33.75 NNE	21.8 +- 1.0	2
33.76 - 56.25 NE	20.2 +- 1.7	4
56.26 - 78.75 ENE	21.4 +- 1.7	3
78.76 - 101.25 E	20.7 +- 1.6	3
101.26 - 123.75 ESE	21.0 +- 1.2	2
123.76 - 146.25 SE	18.8 +- 2.1	2
146.26 - 168.75 SSE	18.9 +- 1.7	3
168.76 - 191.25 S	17.3 +- 0.0	1
191.26 - 213.75 SSW	21.1 +- 1.4	2
213.76 - 236.25 SW	18.6 +- 0.8	2
236.26 - 258.75 WSW	19.6 +- 2.0	2
258.76 - 281.25 W	19.9 +- 0.5	2
281.26 - 303.75 WNW	19.2 +- 0.2	2
303.76 - 326.25 NW	19.5 +- 0.0	1
326.26 - 348.75 NNW	20.9 +- 2.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.9 +- 1.7	9
2 - 5	19.9 +- 1.7	13
> 5	20.0 +- 1.5	14
Upwind Control	19.2 +- 1.8	2

NRC TLD DOSES FOR BROWNS FERRY AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant site

BRUNSWICK

TLD Direct Radiation Environmental Monitoring

For the period 941206-950418 134 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	260	2.2	15.5 +- 0.5; 2.3	9.6 +- 0.7; 4.0	10.2 +- 1.6
2	245	3.4	14.6 +- 0.4; 2.2	8.7 +- 0.6; 4.0	10.1 +- 1.6
3	231	3.8	13.3 +- 0.4; 2.0	7.3 +- 0.6; 3.8	9.8 +- 1.8
4	210	4.9	16.3 +- 0.5; 2.4	10.4 +- 0.7; 4.1	12.5 +- 1.7
5	186	4.3	17.3 +- 0.5; 2.6	11.5 +- 0.7; 4.2	12.3 +- 1.8
6	270	4.5	16.4 +- 0.5; 2.5	10.5 +- 0.7; 4.1	10.3 +- 1.4
7	272	4.4	Missing Dosimeter	No Net Data	11.0 +- 1.5
8	73	1.3	15.9 +- 0.5; 2.4	10.1 +- 0.7; 4.1	12.3 +- 1.7
9	97	1.0	16.0 +- 0.5; 2.4	10.1 +- 0.7; 4.1	12.1 +- 1.6
10	120	1.5	16.7 +- 0.5; 2.5	10.8 +- 0.7; 4.2	12.3 +- 1.4
11	131	0.9	15.4 +- 0.5; 2.3	9.5 +- 0.6; 4.0	11.9 +- 1.6
12	156	1.1	15.8 +- 0.5; 2.4	10.0 +- 0.7; 4.1	12.5 +- 1.6
13	180	1.1	15.7 +- 0.5; 2.3	9.8 +- 0.7; 4.1	11.5 +- 1.5
14	194	2.4	17.4 +- 0.5; 2.6	11.7 +- 0.7; 4.2	11.3 +- 1.7
15	201	2.0	14.7 +- 0.4; 2.2	8.8 +- 0.6; 4.0	10.9 +- 1.6
16	218	1.2	14.3 +- 0.4; 2.1	8.3 +- 0.6; 3.9	12.1 +- 2.0
17	252	1.1	16.4 +- 0.5; 2.5	10.6 +- 0.7; 4.1	12.0 +- 1.5
18	272	1.2	15.1 +- 0.5; 2.3	9.2 +- 0.6; 4.0	11.6 +- 1.9
19	19	1.1	15.2 +- 0.5; 2.3	9.3 +- 0.6; 4.0	11.1 +- 1.6
20	2	1.1	15.3 +- 0.5; 2.3	9.4 +- 0.6; 4.0	10.8 +- 1.9
21	288	1.3	14.5 +- 0.4; 2.2	8.6 +- 0.6; 3.9	10.4 +- 1.9
22	307	1.5	15.9 +- 0.5; 2.4	10.0 +- 0.7; 4.1	10.7 +- 1.4
23	338	2.1	16.1 +- 0.5; 2.4	10.3 +- 0.7; 4.1	11.6 +- 1.7
24	325	4.9	14.3 +- 0.4; 2.2	8.4 +- 0.6; 3.9	10.5 +- 1.5
25	338	3.8	15.9 +- 0.5; 2.4	10.0 +- 0.7; 4.1	11.6 +- 1.6
26	356	5.2	14.7 +- 0.4; 2.2	8.8 +- 0.6; 4.0	10.7 +- 1.5
27	30	6.4	14.8 +- 0.4; 2.2	8.9 +- 0.6; 4.0	10.5 +- 1.6
28	43	9.0	15.8 +- 0.5; 2.4	10.0 +- 0.7; 4.1	11.8 +- 2.1
29	50	8.5	15.4 +- 0.5; 2.3	9.5 +- 0.6; 4.0	11.3 +- 1.9
30	59	7.2	15.3 +- 0.5; 2.3	9.4 +- 0.6; 4.0	11.6 +- 1.7
31	65	6.5	15.8 +- 0.5; 2.4	9.9 +- 0.7; 4.1	11.5 +- 1.6
32	74	5.8	16.2 +- 0.5; 2.4	10.4 +- 0.7; 4.1	12.2 +- 2.0
33	88	4.1	14.6 +- 0.4; 2.2	8.6 +- 0.6; 3.9	10.8 +- 1.8
34	12	17.0	16.3 +- 0.5; 2.4	10.5 +- 0.7; 4.1	12.1 +- 1.6
35	16	18.0	15.8 +- 0.5; 2.4	9.9 +- 0.7; 4.1	10.7 +- 1.6
36	284	15.0	15.5 +- 0.5; 2.3	9.6 +- 0.7; 4.0	12.1 +- 2.1
37	284	16.0	15.7 +- 0.5; 2.3	9.8 +- 0.7; 4.1	12.4 +- 2.2
38	284	15.0	15.7 +- 0.5; 2.4	9.8 +- 0.7; 4.1	11.7 +- 1.7
39	287	4.6	15.3 +- 0.5; 2.3	9.4 +- 0.6; 4.0	10.8 +- 1.5
40	271	0.7	17.7 +- 0.5; 2.6	11.9 +- 0.7; 4.3	12.9 +- 1.7

Transit Dose = 6.4 +- 0.4; 3.0

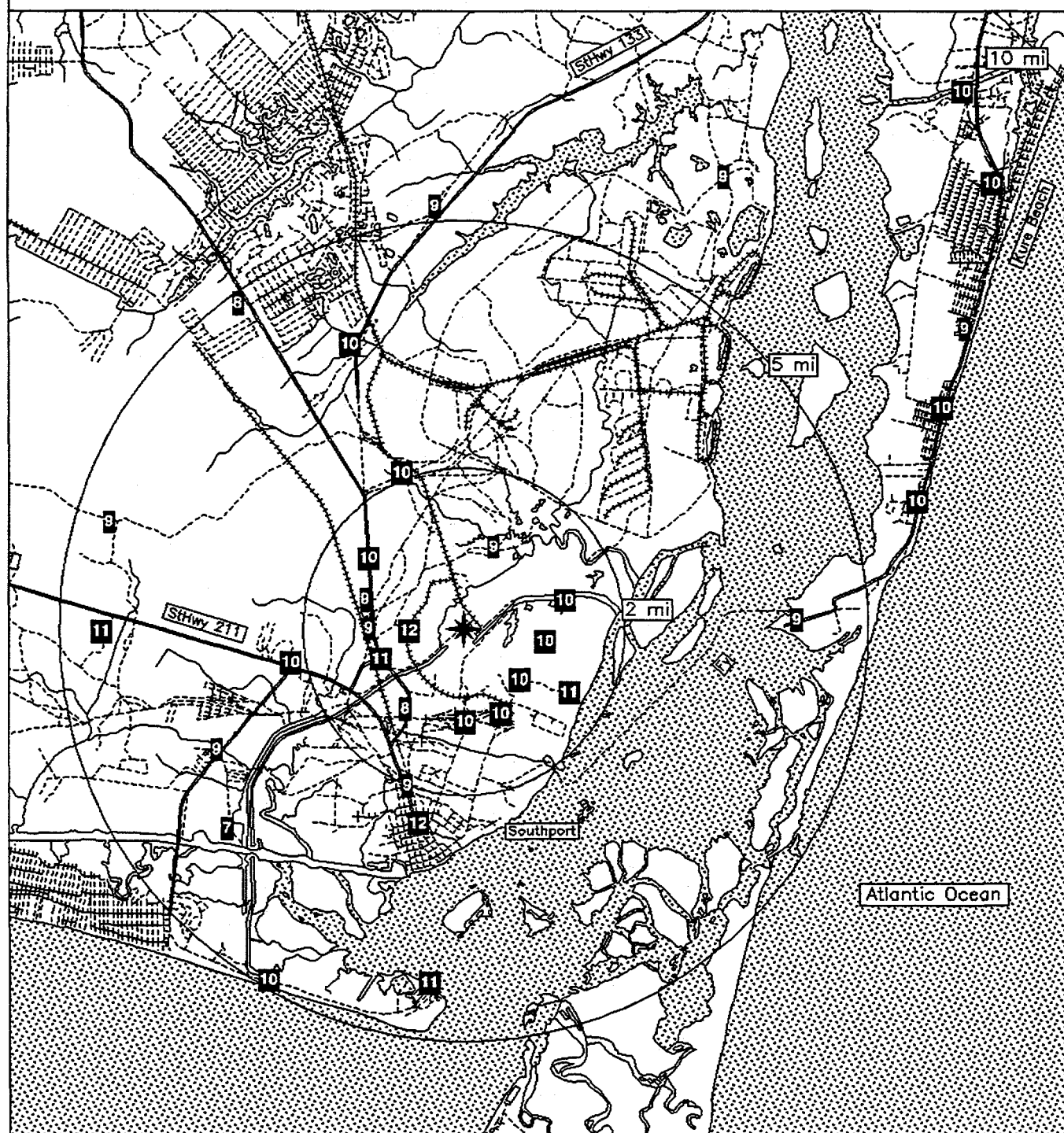
BRUNSWICK
For the period 941206-950418

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	9.1 +- 0.5	2
11.26 - 33.75 NNE	9.6 +- 0.7	4
33.76 - 56.25 NE	9.7 +- 0.3	2
56.26 - 78.75 ENE	9.9 +- 0.4	4
78.76 - 101.25 E	9.4 +- 1.1	2
101.26 - 123.75 ESE	10.8 +- 0.0	1
123.76 - 146.25 SE	9.5 +- 0.0	1
146.26 - 168.75 SSE	10.0 +- 0.0	1
168.76 - 191.25 S	10.6 +- 1.2	2
191.26 - 213.75 SSW	10.3 +- 1.4	3
213.76 - 236.25 SW	7.8 +- 0.8	2
236.26 - 258.75 WSW	9.6 +- 1.3	2
258.76 - 281.25 W	10.3 +- 1.2	4
281.26 - 303.75 WNW	9.0 +- 0.5	2
303.76 - 326.25 NW	9.2 +- 1.2	2
326.26 - 348.75 NNW	10.1 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	9.8 +- 0.9	15
2 - 5	9.7 +- 1.3	12
> 5	9.7 +- 0.6	9
Upwind Control	9.7 +- 0.1	3

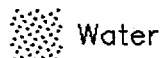
NRC TLD DOSES FOR BRUNSWICK AREA



Miles

0 2 4

Legend



Water

— Highways

--- Railroads

--- Roads



★ Plant..site

BYRON

TLD Direct Radiation Environmental Monitoring

For the period 941204-950420 138 Days

Field Time: 85 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	10	1.1	22.1 +- 0.7; 3.3		18.9 +- 0.8; 4.6		19.0 +- 2.0	
2	27	1.0	23.1 +- 0.7; 3.5		19.9 +- 0.8; 4.7		18.5 +- 1.9	
3	53	1.6	22.0 +- 0.7; 3.3		18.8 +- 0.8; 4.6		17.3 +- 1.8	
4	68	1.6	22.8 +- 0.7; 3.4		19.7 +- 0.8; 4.7		20.2 +- 2.3	
5	97	1.4	23.1 +- 0.7; 3.5		19.9 +- 0.8; 4.7		20.7 +- 2.0	
6	120	1.3	22.0 +- 0.7; 3.3		18.8 +- 0.8; 4.6		18.8 +- 1.8	
7	146	1.4	22.6 +- 0.7; 3.4		19.4 +- 0.8; 4.7		20.0 +- 2.6	
8	175	2.2	22.7 +- 0.7; 3.4		19.5 +- 0.8; 4.7		18.7 +- 1.7	
9	177	0.6	20.6 +- 0.6; 3.1		17.3 +- 0.7; 4.4		16.1 +- 1.7	
10	183	0.5	20.0 +- 0.6; 3.0		16.7 +- 0.7; 4.4		18.5 +- 2.2	
11	193	0.6	20.0 +- 0.6; 3.0		16.6 +- 0.7; 4.4		17.7 +- 2.2	
12	220	0.9	22.0 +- 0.7; 3.3		18.8 +- 0.8; 4.6		18.2 +- 1.7	
13	239	0.8	21.7 +- 0.7; 3.3		18.5 +- 0.8; 4.6		17.5 +- 1.6	
14	262	0.7	22.2 +- 0.7; 3.3		19.0 +- 0.8; 4.6		19.0 +- 2.2	
15	283	0.8	20.9 +- 0.6; 3.1		17.6 +- 0.8; 4.5		18.0 +- 2.1	
16	303	1.0	21.5 +- 0.6; 3.2		18.2 +- 0.8; 4.5		16.6 +- 1.8	
17	326	1.6	19.8 +- 0.6; 3.0		16.5 +- 0.7; 4.3		16.4 +- 2.1	
18	23	4.0	20.7 +- 0.6; 3.1		17.4 +- 0.7; 4.4		15.7 +- 1.5	
19	17	4.1	19.3 +- 0.6; 2.9		16.0 +- 0.7; 4.3		14.3 +- 1.3	
20	5	4.3	20.9 +- 0.6; 3.1		17.6 +- 0.8; 4.5		17.1 +- 1.9	
21	340	4.2	22.4 +- 0.7; 3.4		19.2 +- 0.8; 4.6		18.4 +- 2.2	
22	322	4.9	20.2 +- 0.6; 3.0		16.9 +- 0.7; 4.4		18.6 +- 2.6	
23	298	6.9	20.5 +- 0.6; 3.1		17.2 +- 0.7; 4.4		15.7 +- 1.4	
24	262	4.8	20.2 +- 0.6; 3.0		16.9 +- 0.7; 4.4		15.7 +- 1.5	
25	244	4.6	20.3 +- 0.6; 3.1		17.0 +- 0.7; 4.4		15.8 +- 1.5	
26	224	4.8	19.8 +- 0.6; 3.0		16.5 +- 0.7; 4.3		16.3 +- 1.9	
27	208	5.2	19.9 +- 0.6; 3.0		16.5 +- 0.7; 4.3		14.7 +- 1.4	
28	209	14.0	19.4 +- 0.6; 2.9		16.1 +- 0.7; 4.3		14.3 +- 1.3	
29	215	13.0	21.6 +- 0.6; 3.2		18.3 +- 0.8; 4.5		17.3 +- 1.8	
30	215	13.0	22.2 +- 0.7; 3.3		19.0 +- 0.8; 4.6		18.2 +- 1.9	
31	204	4.6	Damaged Dosimeter		No Net Data		13.4 +- 1.4	
32	178	4.4	20.2 +- 0.6; 3.0		16.9 +- 0.7; 4.4		15.9 +- 1.4	
33	155	3.9	21.8 +- 0.7; 3.3		18.6 +- 0.8; 4.6		17.6 +- 1.8	
34	138	4.6	21.6 +- 0.6; 3.2		18.4 +- 0.8; 4.5		17.8 +- 1.8	
35	118	4.4	22.6 +- 0.7; 3.4		19.4 +- 0.8; 4.7		18.8 +- 2.2	
36	81	3.8	21.3 +- 0.6; 3.2		18.1 +- 0.8; 4.5		16.8 +- 1.9	
37	70	5.5	20.3 +- 0.6; 3.0		17.0 +- 0.7; 4.4		16.3 +- 2.0	
38	45	4.0	18.7 +- 0.6; 2.8		15.3 +- 0.7; 4.2		15.0 +- 1.8	
39	40	6.8	23.1 +- 0.7; 3.5		20.0 +- 0.8; 4.7		18.0 +- 1.5	
40	45	15.0	19.5 +- 0.6; 2.9		16.2 +- 0.7; 4.3		14.3 +- 1.2	
41	220	3.0	21.9 +- 0.7; 3.3		18.6 +- 0.8; 4.6		19.4 +- 2.3	

Transit Dose = 4.3 +- 0.3; 2.8

BYRON

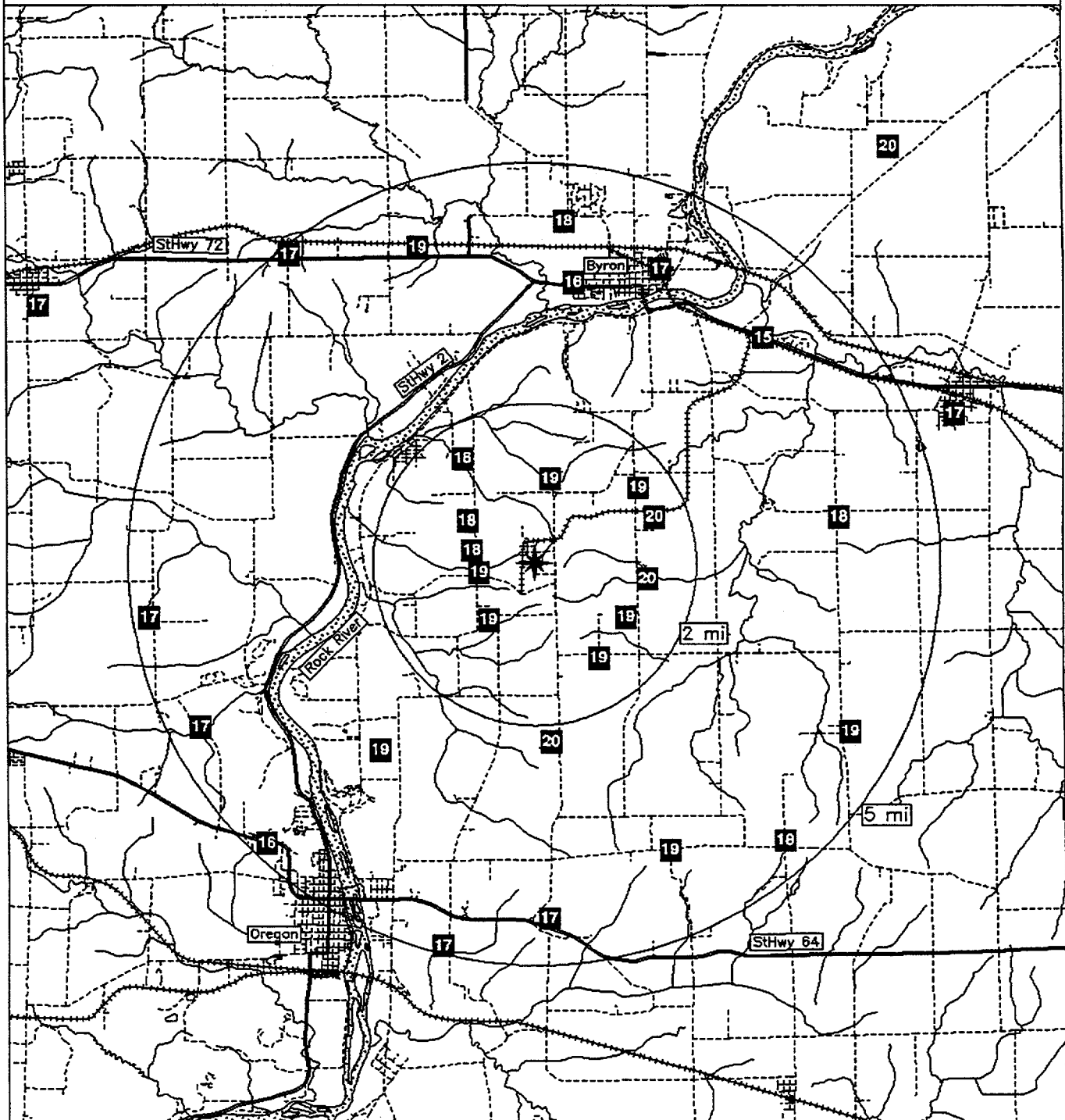
For the period 941204-950420

TLD Direct Radiation Environmental Monitoring

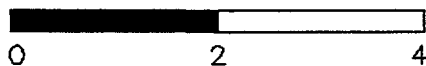
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.3 +- 0.9	2
11.26 - 33.75 NNE	17.7 +- 2.0	3
33.76 - 56.25 NE	17.6 +- 2.2	4
56.26 - 78.75 ENE	18.3 +- 1.9	2
78.76 - 101.25 E	19.0 +- 1.3	2
101.26 - 123.75 ESE	19.1 +- 0.4	2
123.76 - 146.25 SE	18.9 +- 0.8	2
146.26 - 168.75 SSE	18.6 +- 0.0	1
168.76 - 191.25 S	17.6 +- 1.3	4
191.26 - 213.75 SSW	16.6 +- 0.1	2
213.76 - 236.25 SW	18.0 +- 1.3	3
236.26 - 258.75 WSW	17.8 +- 1.0	2
258.76 - 281.25 W	17.9 +- 1.5	2
281.26 - 303.75 WNW	17.7 +- 0.5	3
303.76 - 326.25 NW	16.7 +- 0.2	2
326.26 - 348.75 NNW	19.2 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.4 +- 1.2	16
2 - 5	17.6 +- 1.3	16
> 5	17.4 +- 1.5	5
Upwind Control	17.8 +- 1.5	3

NRC TLD DOSES FOR BYRON AREA



Miles



Legend



Water



Railroads



Plant..site



Highways



Roads

CALLAWAY

TLD Direct Radiation Environmental Monitoring

For the period 941204-950502 150 Days

Field Time: 96 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	247	2.1	24.5 +- 0.7; 3.7		18.7 +- 0.8; 4.5		20.9 +- 2.7	
2	259	1.4	23.8 +- 0.7; 3.6		18.1 +- 0.8; 4.5		19.5 +- 2.1	
3	282	1.3	23.3 +- 0.7; 3.5		17.6 +- 0.7; 4.4		19.5 +- 1.8	
4	304	1.3	23.6 +- 0.7; 3.5		17.9 +- 0.7; 4.4		20.3 +- 2.6	
5	330	1.7	24.3 +- 0.7; 3.6		18.6 +- 0.8; 4.5		18.1 +- 2.0	
6	1	1.7	22.8 +- 0.7; 3.4		17.2 +- 0.7; 4.4		17.0 +- 0.9	
7	23	2.0	21.6 +- 0.6; 3.2		16.0 +- 0.7; 4.2		17.0 +- 0.9	
8	77	0.7	23.8 +- 0.7; 3.6		18.1 +- 0.8; 4.5		17.8 +- 0.8	
9	85	1.4	24.6 +- 0.7; 3.7		18.9 +- 0.8; 4.6		18.7 +- 1.1	
10	98	1.5	23.4 +- 0.7; 3.5		17.7 +- 0.7; 4.4		17.2 +- 1.0	
11	121	2.0	23.3 +- 0.7; 3.5		17.6 +- 0.7; 4.4		18.5 +- 2.7	
12	140	2.0	23.3 +- 0.7; 3.5		17.7 +- 0.7; 4.4		18.3 +- 2.0	
13	158	2.5	23.9 +- 0.7; 3.6		18.2 +- 0.8; 4.5		17.7 +- 1.0	
14	183	3.7	23.3 +- 0.7; 3.5		17.7 +- 0.7; 4.4		18.9 +- 1.3	
15	188	1.7	24.3 +- 0.7; 3.6		18.6 +- 0.8; 4.5		18.5 +- 1.1	
16	202	0.7	23.8 +- 0.7; 3.6		18.0 +- 0.8; 4.5		17.4 +- 1.0	
17	237	0.7	24.3 +- 0.7; 3.7		18.6 +- 0.8; 4.5		19.2 +- 1.8	
18	312	11.0	25.3 +- 0.8; 3.8		19.5 +- 0.8; 4.6		17.7 +- 1.7	
19	292	10.0	Missing Dosimeter		No Net Data		17.5 +- 1.0	
20	268	9.0	23.9 +- 0.7; 3.6		18.2 +- 0.8; 4.5		17.9 +- 0.9	
21	247	8.0	23.9 +- 0.7; 3.6		18.2 +- 0.8; 4.5		20.0 +- 2.2	
22	225	8.0	24.0 +- 0.7; 3.6		18.3 +- 0.8; 4.5		17.6 +- 1.0	
23	220	8.0	25.4 +- 0.8; 3.8		19.6 +- 0.8; 4.6		19.1 +- 2.0	
24	205	5.5	22.3 +- 0.7; 3.4		16.7 +- 0.7; 4.3		16.4 +- 2.2	
25	157	4.0	24.5 +- 0.7; 3.7		18.7 +- 0.8; 4.5		20.3 +- 2.4	
26	134	5.0	21.8 +- 0.7; 3.3		16.2 +- 0.7; 4.3		16.0 +- 1.0	
27	115	4.2	24.7 +- 0.7; 3.7		18.9 +- 0.8; 4.6		20.8 +- 2.3	
28	95	3.5	Damaged Dosimeter		No Net Data		20.7 +- 2.0	
29	67	3.4	25.1 +- 0.8; 3.8		19.3 +- 0.8; 4.6		19.4 +- 1.0	
30	48	4.5	23.5 +- 0.7; 3.5		17.8 +- 0.7; 4.4		16.6 +- 0.9	
31	14	6.5	24.4 +- 0.7; 3.7		18.6 +- 0.8; 4.5		18.8 +- 1.0	
32	2	5.1	25.3 +- 0.8; 3.8		19.5 +- 0.8; 4.6		18.7 +- 0.9	
33	335	3.6	23.2 +- 0.7; 3.5		17.6 +- 0.7; 4.4		16.2 +- 1.1	
34	288	4.3	24.2 +- 0.7; 3.6		18.5 +- 0.8; 4.5		18.8 +- 1.0	
35	310	5.2	24.7 +- 0.7; 3.7		19.0 +- 0.8; 4.6		18.7 +- 1.0	
36	264	3.2	19.3 +- 0.6; 2.9		13.9 +- 0.6; 4.0		14.4 +- 1.2	
37	237	3.0	25.9 +- 0.8; 3.9		20.0 +- 0.8; 4.7		19.6 +- 1.7	
38	270	15.0	21.5 +- 0.6; 3.2		15.9 +- 0.7; 4.2		16.5 +- 1.8	
39	270	15.0	22.6 +- 0.7; 3.4		17.0 +- 0.7; 4.3		16.7 +- 2.8	
40	203	20.0	24.6 +- 0.7; 3.7		18.8 +- 0.8; 4.5		18.4 +- 0.8	

Transit Dose = 4.5 +- 0.4; 3.2

CALLAWAY

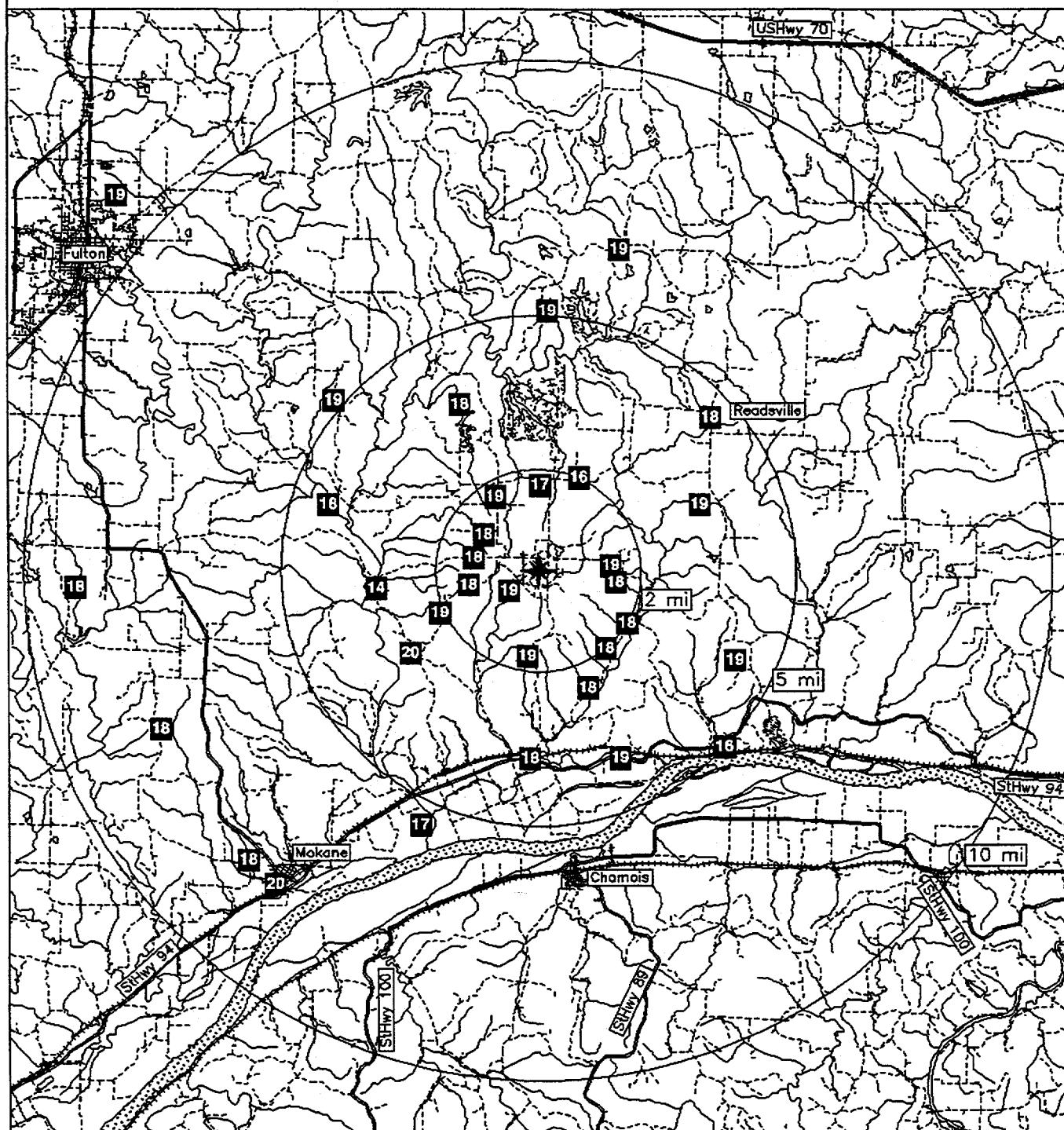
For the period 941204-950502

TLD Direct Radiation Environmental Monitoring

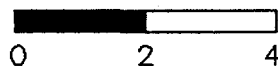
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.3 +- 1.6	2
11.26 - 33.75 NNE	17.3 +- 1.9	2
33.76 - 56.25 NE	17.8 +- 0.0	1
56.26 - 78.75 ENE	18.7 +- 0.9	2
78.76 - 101.25 E	18.3 +- 0.8	2
101.26 - 123.75 ESE	18.3 +- 0.9	2
123.76 - 146.25 SE	16.9 +- 1.0	2
146.26 - 168.75 SSE	18.5 +- 0.4	2
168.76 - 191.25 S	18.1 +- 0.7	2
191.26 - 213.75 SSW	17.4 +- 0.9	2
213.76 - 236.25 SW	18.9 +- 0.9	2
236.26 - 258.75 WSW	18.9 +- 0.8	4
258.76 - 281.25 W	16.7 +- 2.5	3
281.26 - 303.75 WNW	18.0 +- 0.6	2
303.76 - 326.25 NW	18.8 +- 0.8	3
326.26 - 348.75 NNW	18.1 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 0.7	14
2 - 5	18.0 +- 1.6	12
> 5	18.6 +- 0.9	9
Upwind Control	17.2 +- 1.5	3

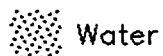
NRC TLD DOSES FOR CALLAWAY AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

CALVERT CLIFFS

TLD Direct Radiation Environmental Monitoring

For the period 941207-950410 125 Days

Field Time: 78 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	275 1.5	13.6 +- 0.4; 2.0	13.2 +- 0.6; 3.7	13.8 +- 2.0
3	284 1.7	13.9 +- 0.4; 2.1	13.4 +- 0.6; 3.7	13.5 +- 1.9
4	323 2.4	15.6 +- 0.5; 2.3	15.4 +- 0.6; 3.9	13.5 +- 1.3
5	297 3.1	14.1 +- 0.4; 2.1	13.7 +- 0.6; 3.7	14.2 +- 1.9
6	324 4.7	14.6 +- 0.4; 2.2	14.2 +- 0.6; 3.8	14.3 +- 2.0
7	324 5.5	14.8 +- 0.4; 2.2	14.5 +- 0.6; 3.8	12.8 +- 1.7
8	256 6.1	12.2 +- 0.4; 1.8	11.5 +- 0.5; 3.5	12.4 +- 2.1
9	273 4.1	14.8 +- 0.4; 2.2	14.5 +- 0.6; 3.8	13.2 +- 1.4
10	253 3.7	15.3 +- 0.5; 2.3	15.1 +- 0.6; 3.9	14.9 +- 1.7
11	230 4.0	16.0 +- 0.5; 2.4	15.9 +- 0.6; 3.9	14.8 +- 1.2
12	243 1.3	15.0 +- 0.4; 2.2	14.7 +- 0.6; 3.8	14.3 +- 1.2
13	222 1.5	14.6 +- 0.4; 2.2	14.3 +- 0.6; 3.8	15.4 +- 1.9
14	208 1.8	14.5 +- 0.4; 2.2	14.2 +- 0.6; 3.8	12.1 +- 1.4
15	176 2.4	17.5 +- 0.5; 2.6	17.6 +- 0.7; 4.1	16.8 +- 2.1
16	160 1.5	17.6 +- 0.5; 2.6	17.7 +- 0.7; 4.1	15.9 +- 1.5
19	159 3.8	15.5 +- 0.5; 2.3	15.3 +- 0.6; 3.9	14.1 +- 1.4
20	139 4.7	13.8 +- 0.4; 2.1	13.3 +- 0.6; 3.7	12.8 +- 2.0
21	201 4.0	15.1 +- 0.5; 2.3	14.8 +- 0.6; 3.8	13.6 +- 1.4
22	187 4.7	14.6 +- 0.4; 2.2	14.2 +- 0.6; 3.8	13.1 +- 1.1
23	201 8.7	15.8 +- 0.5; 2.4	15.6 +- 0.6; 3.9	14.0 +- 1.4
24	190 7.8	Missing Dosimeter	No Net Data	12.2 +- 1.1
25	325 6.7	15.9 +- 0.5; 2.4	15.7 +- 0.6; 3.9	13.4 +- 1.3
26	314 11.0	14.4 +- 0.4; 2.2	14.0 +- 0.6; 3.8	12.7 +- 1.4
27	314 11.0	14.8 +- 0.4; 2.2	14.5 +- 0.6; 3.8	12.9 +- 1.2
28	315 10.0	14.6 +- 0.4; 2.2	14.3 +- 0.6; 3.8	15.2 +- 1.7
29	186 12.0	17.6 +- 0.5; 2.6	17.8 +- 0.7; 4.2	15.4 +- 1.4

Transit Dose = 2.2 +- 0.3; 2.4

CALVERT CLIFFS
For the period 941207-950410

TLD Direct Radiation Environmental Monitoring

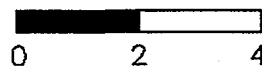
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	13.3 +- 0.0	1
146.26 - 168.75 SSE	16.5 +- 1.7	2
168.76 - 191.25 S	16.5 +- 2.0	3
191.26 - 213.75 SSW	14.9 +- 0.7	3
213.76 - 236.25 SW	15.1 +- 1.1	2
236.26 - 258.75 WSW	13.7 +- 2.0	3
258.76 - 281.25 W	13.8 +- 0.9	2
281.26 - 303.75 WNW	13.6 +- 0.2	2
303.76 - 326.25 NW	15.0 +- 0.7	4
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.6 +- 1.6	6
2 - 5	14.9 +- 1.2	11
> 5	15.0 +- 2.3	5
Upwind Control	14.3 +- 0.3	3

NRC TLD DOSES FOR CALVERT CLIFFS AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

CATAWBA

TLD Direct Radiation Environmental Monitoring

For the period 941206-950406 122 Days

Field Time: 83 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	134 0.1	26.9 +- 0.8; 4.0	20.7 +- 1.0; 5.5	19.0 +- 2.9
2	162 0.4	24.4 +- 0.7; 3.7	18.0 +- 0.9; 5.2	15.8 +- 2.6
3	132 0.8	25.5 +- 0.8; 3.8	19.2 +- 1.0; 5.3	18.7 +- 2.7
4	111 1.3	22.7 +- 0.7; 3.4	16.1 +- 0.9; 5.0	16.0 +- 2.2
5	45 0.7	23.0 +- 0.7; 3.4	16.4 +- 0.9; 5.0	16.0 +- 2.3
6	298 1.3	24.7 +- 0.7; 3.7	18.3 +- 0.9; 5.2	17.6 +- 2.5
7	4 0.6	22.6 +- 0.7; 3.4	16.0 +- 0.9; 5.0	15.4 +- 2.5
8	332 1.5	Missing Dosimeter	No Net Data	19.4 +- 2.5
9	318 1.6	20.8 +- 0.6; 3.1	14.0 +- 0.8; 4.8	12.8 +- 2.7
10	176 1.8	23.6 +- 0.7; 3.5	17.1 +- 0.9; 5.1	16.8 +- 2.9
11	203 1.5	22.8 +- 0.7; 3.4	16.2 +- 0.9; 5.0	16.8 +- 2.5
12	225 1.5	22.9 +- 0.7; 3.4	16.3 +- 0.9; 5.0	17.2 +- 2.8
13	250 1.9	23.0 +- 0.7; 3.4	16.4 +- 0.9; 5.0	14.6 +- 2.9
14	270 1.4	20.2 +- 0.6; 3.0	13.4 +- 0.8; 4.7	12.8 +- 2.6
15	331 3.0	23.1 +- 0.7; 3.5	16.6 +- 0.9; 5.1	14.3 +- 2.9
16	311 3.9	21.5 +- 0.6; 3.2	14.8 +- 0.8; 4.9	13.3 +- 2.8
17	296 9.5	25.6 +- 0.8; 3.8	19.2 +- 1.0; 5.4	18.2 +- 2.6
18	324 4.8	22.7 +- 0.7; 3.4	16.1 +- 0.9; 5.0	15.4 +- 3.0
19	352 4.8	20.4 +- 0.6; 3.1	13.7 +- 0.8; 4.7	13.3 +- 2.7
20	22 4.0	24.5 +- 0.7; 3.7	18.1 +- 0.9; 5.2	16.8 +- 2.7
21	290 3.9	22.0 +- 0.7; 3.3	15.3 +- 0.9; 4.9	15.2 +- 2.5
22	266 4.0	23.0 +- 0.7; 3.4	16.4 +- 0.9; 5.0	16.2 +- 2.8
23	251 4.0	19.5 +- 0.6; 2.9	12.7 +- 0.8; 4.6	11.4 +- 2.7
24	229 3.9	18.4 +- 0.6; 2.8	11.5 +- 0.8; 4.5	12.3 +- 2.7
25	202 4.4	23.4 +- 0.7; 3.5	16.9 +- 0.9; 5.1	17.4 +- 2.1
26	51 4.3	25.1 +- 0.8; 3.8	18.8 +- 0.9; 5.3	18.3 +- 2.3
27	64 7.9	20.5 +- 0.6; 3.1	13.7 +- 0.8; 4.7	11.9 +- 2.3
28	61 4.9	23.2 +- 0.7; 3.5	16.7 +- 0.9; 5.1	15.4 +- 2.5
29	49 1.9	21.5 +- 0.6; 3.2	14.8 +- 0.8; 4.9	15.2 +- 3.4
30	64 1.8	21.7 +- 0.7; 3.3	15.1 +- 0.9; 4.9	15.0 +- 2.4
31	87 1.6	22.3 +- 0.7; 3.3	15.7 +- 0.9; 5.0	14.4 +- 2.5
32	121 2.6	23.4 +- 0.7; 3.5	16.9 +- 0.9; 5.1	15.5 +- 2.5
33	114 7.6	Missing Dosimeter	No Net Data	14.4 +- 3.2
34	93 4.5	24.6 +- 0.7; 3.7	18.2 +- 0.9; 5.2	17.2 +- 3.0
35	132 4.3	27.8 +- 0.8; 4.2	21.7 +- 1.0; 5.6	20.7 +- 2.5
36	163 8.9	20.0 +- 0.6; 3.0	13.2 +- 0.8; 4.7	12.5 +- 2.3
37	173 4.9	20.3 +- 0.6; 3.0	13.6 +- 0.8; 4.7	13.8 +- 2.1
38	157 4.6	23.5 +- 0.7; 3.5	17.0 +- 0.9; 5.1	18.3 +- 2.0
39	248 10.0	Missing Dosimeter	No Net Data	16.1 +- 3.5
40	229 12.0	21.3 +- 0.6; 3.2	14.6 +- 0.8; 4.8	15.2 +- 2.4
41	218 13.0	19.4 +- 0.6; 2.9	12.5 +- 0.8; 4.6	12.8 +- 3.3
42	213 16.0	21.1 +- 0.6; 3.2	14.4 +- 0.8; 4.8	15.6 +- 2.1

Transit Dose = 7.8 +- 0.4; 3.1

CATAWBA

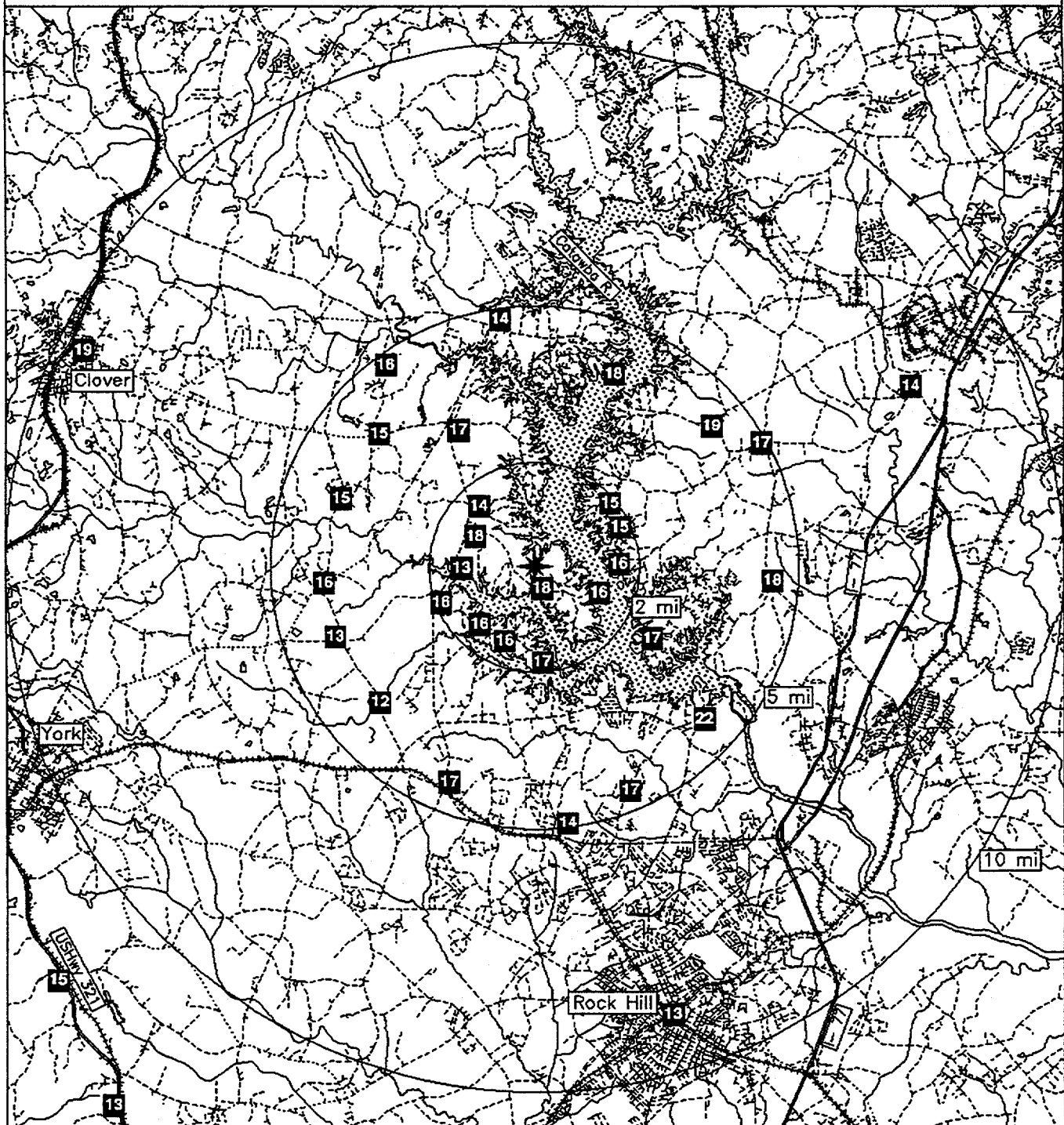
For the period 941206-950406

TLD Direct Radiation Environmental Monitoring

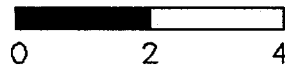
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.8 +- 1.6	2
11.26 - 33.75 NNE	18.1 +- 0.0	1
33.76 - 56.25 NE	16.7 +- 2.0	3
56.26 - 78.75 ENE	15.2 +- 1.5	3
78.76 - 101.25 E	17.0 +- 1.7	2
101.26 - 123.75 ESE	16.5 +- 0.6	2
123.76 - 146.25 SE	20.5 +- 1.2	3
146.26 - 168.75 SSE	16.1 +- 2.6	3
168.76 - 191.25 S	15.3 +- 2.5	2
191.26 - 213.75 SSW	16.5 +- 0.5	2
213.76 - 236.25 SW	13.9 +- 3.4	2
236.26 - 258.75 WSW	14.6 +- 2.6	2
258.76 - 281.25 W	14.9 +- 2.1	2
281.26 - 303.75 WNW	17.6 +- 2.0	3
303.76 - 326.25 NW	15.0 +- 1.1	3
326.26 - 348.75 NNW	16.6 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.5 +- 1.9	16
2 - 5	16.2 +- 2.5	17
> 5	15.4 +- 3.4	3
Upwind Control	13.9 +- 1.2	3

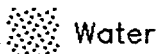
NRC TLD DOSES FOR CATAWBA AREA



Miles



Legend



Water

--- Railroads



★ Plant..site

— Highways

--- Roads

CLINTON

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 87 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	5	0.6	23.2	+- 0.7; 3.5	18.6	+- 0.8; 4.7	18.8	+- 2.4
2	40	0.7	23.3	+- 0.7; 3.5	18.8	+- 0.8; 4.7	18.6	+- 1.5
3	35	0.8	25.4	+- 0.8; 3.8	21.0	+- 0.9; 5.0	21.2	+- 2.0
4	163	0.5	22.4	+- 0.7; 3.4	17.8	+- 0.8; 4.6	19.2	+- 1.9
5	210	0.5	24.8	+- 0.7; 3.7	20.3	+- 0.9; 4.9	19.4	+- 1.8
6	223	0.6	23.8	+- 0.7; 3.6	19.2	+- 0.8; 4.8	19.4	+- 1.8
7	235	0.8	24.3	+- 0.7; 3.6	19.8	+- 0.8; 4.9	18.8	+- 1.6
8	62	1.9	23.2	+- 0.7; 3.5	18.6	+- 0.8; 4.7	18.4	+- 1.6
9	78	1.8	22.7	+- 0.7; 3.4	18.1	+- 0.8; 4.7	18.3	+- 1.5
10	79	2.6	22.5	+- 0.7; 3.4	18.0	+- 0.8; 4.6	18.7	+- 2.1
11	100	2.3	24.1	+- 0.7; 3.6	19.5	+- 0.8; 4.8	18.5	+- 1.4
12	115	3.0	20.8	+- 0.6; 3.1	16.2	+- 0.8; 4.5	16.6	+- 2.0
13	127	3.2	Missing Dosimeter		No Net Data		18.5	+- 1.5
14	155	2.1	24.1	+- 0.7; 3.6	19.6	+- 0.8; 4.8	18.9	+- 1.5
15	185	3.0	Missing Dosimeter		No Net Data		19.1	+- 2.1
16	203	3.2	23.0	+- 0.7; 3.5	18.5	+- 0.8; 4.7	17.9	+- 1.6
17	230	3.7	22.9	+- 0.7; 3.4	18.3	+- 0.8; 4.7	17.9	+- 1.7
18	255	2.8	23.8	+- 0.7; 3.6	19.2	+- 0.8; 4.8	19.0	+- 1.6
19	275	2.3	23.6	+- 0.7; 3.5	19.1	+- 0.8; 4.8	18.4	+- 1.5
20	302	0.9	23.9	+- 0.7; 3.6	19.3	+- 0.8; 4.8	17.9	+- 1.6
21	336	0.8	22.8	+- 0.7; 3.4	18.2	+- 0.8; 4.7	17.9	+- 1.7
22	0	0.6	23.1	+- 0.7; 3.5	18.6	+- 0.8; 4.7	18.6	+- 1.9
23	358	4.6	23.8	+- 0.7; 3.6	19.3	+- 0.8; 4.8	19.1	+- 1.8
24	20	3.9	23.5	+- 0.7; 3.5	19.0	+- 0.8; 4.8	18.3	+- 1.7
25	46	5.0	24.6	+- 0.7; 3.7	20.1	+- 0.9; 4.9	18.9	+- 1.5
26	62	5.5	21.1	+- 0.6; 3.2	16.5	+- 0.8; 4.5	16.9	+- 1.5
27	90	4.8	23.5	+- 0.7; 3.5	18.9	+- 0.8; 4.8	17.7	+- 1.7
28	115	5.2	22.5	+- 0.7; 3.4	18.0	+- 0.8; 4.6	17.3	+- 1.4
29	128	5.1	23.3	+- 0.7; 3.5	18.7	+- 0.8; 4.7	18.1	+- 1.6
30	153	5.8	23.7	+- 0.7; 3.5	19.1	+- 0.8; 4.8	18.5	+- 1.7
31	173	5.2	Missing Dosimeter		No Net Data		18.0	+- 1.4
32	205	4.7	22.6	+- 0.7; 3.4	18.1	+- 0.8; 4.7	18.0	+- 1.6
33	238	6.1	22.8	+- 0.7; 3.4	18.2	+- 0.8; 4.7	18.1	+- 1.7
34	252	5.8	21.8	+- 0.7; 3.3	17.2	+- 0.8; 4.6	17.7	+- 2.3
35	260	6.6	19.2	+- 0.6; 2.9	14.5	+- 0.7; 4.3	14.9	+- 1.8
36	272	4.8	24.0	+- 0.7; 3.6	19.5	+- 0.8; 4.8	18.4	+- 1.6
37	288	4.8	22.0	+- 0.7; 3.3	17.4	+- 0.8; 4.6	17.5	+- 1.7
38	297	7.6	20.6	+- 0.6; 3.1	16.0	+- 0.7; 4.4	16.2	+- 1.5
39	315	5.1	22.9	+- 0.7; 3.4	18.3	+- 0.8; 4.7	18.4	+- 2.0
40	342	4.8	24.0	+- 0.7; 3.6	19.5	+- 0.8; 4.8	18.2	+- 1.5
41	65	12.0	22.9	+- 0.7; 3.4	18.3	+- 0.8; 4.7	17.6	+- 2.1
42	148	12.0	27.5	+- 0.8; 4.1	23.1	+- 0.9; 5.3	18.4	+- 2.0
43	148	12.0	27.2	+- 0.8; 4.1	22.8	+- 0.9; 5.2	18.8	+- 1.6
44	206	14.0	20.3	+- 0.6; 3.0	15.7	+- 0.7; 4.4	15.8	+- 1.6

Transit Dose = 5.2 +- 0.4; 3.0

CLINTON

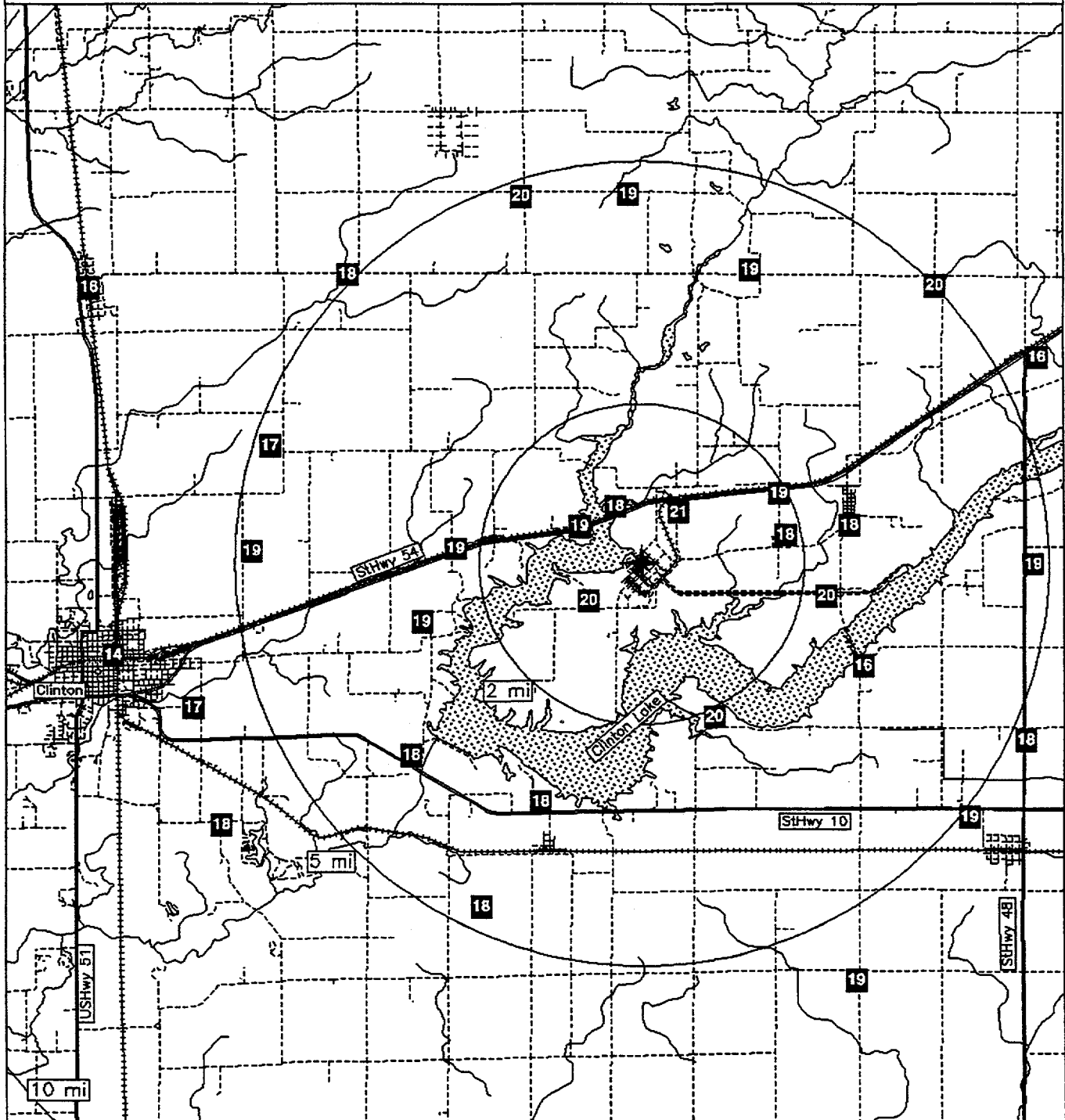
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

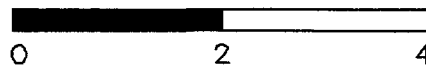
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.8 +- 0.4	3
11.26 - 33.75 NNE	19.0 +- 0.0	1
33.76 - 56.25 NE	19.9 +- 1.1	3
56.26 - 78.75 ENE	17.9 +- 1.0	4
78.76 - 101.25 E	18.8 +- 0.8	3
101.26 - 123.75 ESE	17.1 +- 1.2	2
123.76 - 146.25 SE	18.7 +- 0.0	1
146.26 - 168.75 SSE	18.8 +- 0.9	3
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	19.0 +- 1.2	3
213.76 - 236.25 SW	19.1 +- 0.8	3
236.26 - 258.75 WSW	18.2 +- 1.0	3
258.76 - 281.25 W	17.7 +- 2.8	3
281.26 - 303.75 WNW	17.6 +- 1.7	3
303.76 - 326.25 NW	18.3 +- 0.0	1
326.26 - 348.75 NNW	18.9 +- 0.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.0 +- 0.9	12
2 - 5	18.8 +- 1.0	16
> 5	17.5 +- 1.4	10
Upwind Control	20.5 +- 4.2	3

NRC TLD DOSES FOR CLINTON AREA



Miles



Legend



Water

— Highways

--- Railroads

--- Roads



Plant..site

COMANCHE PEAK

TLD Direct Radiation Environmental Monitoring

For the period 941203-950503 152 Days

Field Time: 93 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	306	1.4	22.7	+- 0.7; 3.4	16.9	+- 0.8; 4.5	15.3	+- 1.1
2	285	1.5	23.1	+- 0.7; 3.5	17.3	+- 0.8; 4.5	15.6	+- 1.4
3	268	1.1	20.5	+- 0.6; 3.1	14.8	+- 0.7; 4.3	14.2	+- 0.8
4	253	0.9	21.6	+- 0.6; 3.2	15.8	+- 0.7; 4.4	15.4	+- 1.0
5	218	1.0	21.8	+- 0.7; 3.3	16.0	+- 0.7; 4.4	15.7	+- 1.2
6	200	1.0	21.8	+- 0.7; 3.3	16.0	+- 0.7; 4.4	13.6	+- 1.2
7	180	1.4	20.8	+- 0.6; 3.1	15.1	+- 0.7; 4.3	13.9	+- 1.0
8	163	1.6	24.5	+- 0.7; 3.7	18.6	+- 0.8; 4.7	15.7	+- 1.4
9	140	1.3	22.7	+- 0.7; 3.4	16.9	+- 0.8; 4.5	15.6	+- 0.9
10	118	1.5	20.5	+- 0.6; 3.1	14.8	+- 0.7; 4.3	13.7	+- 1.2
11	93	1.9	21.2	+- 0.6; 3.2	15.4	+- 0.7; 4.3	15.0	+- 2.8
12	73	2.4	23.9	+- 0.7; 3.6	18.0	+- 0.8; 4.6	17.2	+- 1.2
13	245	1.7	21.5	+- 0.6; 3.2	15.8	+- 0.7; 4.4	14.1	+- 1.1
14	156	4.3	19.2	+- 0.6; 2.9	13.5	+- 0.7; 4.1	13.9	+- 1.3
15	186	7.0	21.9	+- 0.7; 3.3	16.1	+- 0.7; 4.4	14.9	+- 1.5
16	183	4.1	20.8	+- 0.6; 3.1	15.1	+- 0.7; 4.3	15.8	+- 1.3
17	205	4.3	22.0	+- 0.7; 3.3	16.2	+- 0.7; 4.4	15.4	+- 0.9
18	225	3.4	18.7	+- 0.6; 2.8	13.0	+- 0.7; 4.1	12.9	+- 1.2
19	245	5.2	22.1	+- 0.7; 3.3	16.3	+- 0.7; 4.4	15.3	+- 0.8
20	264	5.8	20.0	+- 0.6; 3.0	14.3	+- 0.7; 4.2	13.8	+- 1.1
21	258	3.2	20.5	+- 0.6; 3.1	14.7	+- 0.7; 4.2	13.7	+- 1.1
22	284	5.1	20.8	+- 0.6; 3.1	15.1	+- 0.7; 4.3	13.4	+- 1.1
23	313	5.8	22.1	+- 0.7; 3.3	16.3	+- 0.7; 4.4	15.0	+- 1.1
24	332	4.9	20.8	+- 0.6; 3.1	15.1	+- 0.7; 4.3	14.2	+- 1.1
25	9	4.6	21.7	+- 0.7; 3.3	15.9	+- 0.7; 4.4	15.0	+- 1.2
26	26	4.5	22.0	+- 0.7; 3.3	16.2	+- 0.7; 4.4	14.5	+- 1.2
27	47	4.1	21.4	+- 0.6; 3.2	15.7	+- 0.7; 4.3	14.2	+- 1.1
28	6	1.8	22.4	+- 0.7; 3.4	16.6	+- 0.7; 4.4	14.9	+- 1.2
29	16	1.9	21.9	+- 0.7; 3.3	16.1	+- 0.7; 4.4	14.6	+- 1.2
30	102	3.0	23.1	+- 0.7; 3.5	17.3	+- 0.8; 4.5	15.5	+- 1.4
31	108	3.9	21.0	+- 0.6; 3.1	15.2	+- 0.7; 4.3	14.8	+- 1.2
32	135	4.6	22.1	+- 0.7; 3.3	16.3	+- 0.7; 4.4	15.6	+- 1.3
33	152	6.3	20.4	+- 0.6; 3.1	14.7	+- 0.7; 4.2	13.7	+- 1.1
34	47	2.9	20.7	+- 0.6; 3.1	15.0	+- 0.7; 4.3	13.4	+- 1.5
35	85	4.8	21.8	+- 0.7; 3.3	16.1	+- 0.7; 4.4	15.2	+- 1.3
36	115	7.5	23.3	+- 0.7; 3.5	17.5	+- 0.8; 4.5	15.1	+- 1.4
37	355	9.4	21.4	+- 0.6; 3.2	15.6	+- 0.7; 4.3	14.6	+- 2.6
38	337	9.2	20.3	+- 0.6; 3.0	14.6	+- 0.7; 4.2	14.3	+- 1.3
39	310	9.9	21.5	+- 0.6; 3.2	15.8	+- 0.7; 4.4	14.4	+- 1.3
40	302	8.1	Missing Dosimeter		No Net Data		13.8	+- 1.4
41	248	7.9	Missing Dosimeter		No Net Data		15.9	+- 1.1
42	90	0.5	22.1	+- 0.7; 3.3	16.3	+- 0.7; 4.4	14.0	+- 1.6
43	18	9.8	20.2	+- 0.6; 3.0	14.4	+- 0.7; 4.2	14.9	+- 1.3
44	263	1.7	24.0	+- 0.7; 3.6	18.1	+- 0.8; 4.6	13.3	+- 1.7
45	218	12.0	21.1	+- 0.6; 3.2	15.3	+- 0.7; 4.3	14.9	+- 1.2
46	140	12.0	21.8	+- 0.7; 3.3	16.0	+- 0.7; 4.4	14.8	+- 1.3
47	301	21.0	20.9	+- 0.6; 3.1	15.1	+- 0.7; 4.3	14.6	+- 1.1

Transit Dose = 5.3 +- 0.4; 3.1

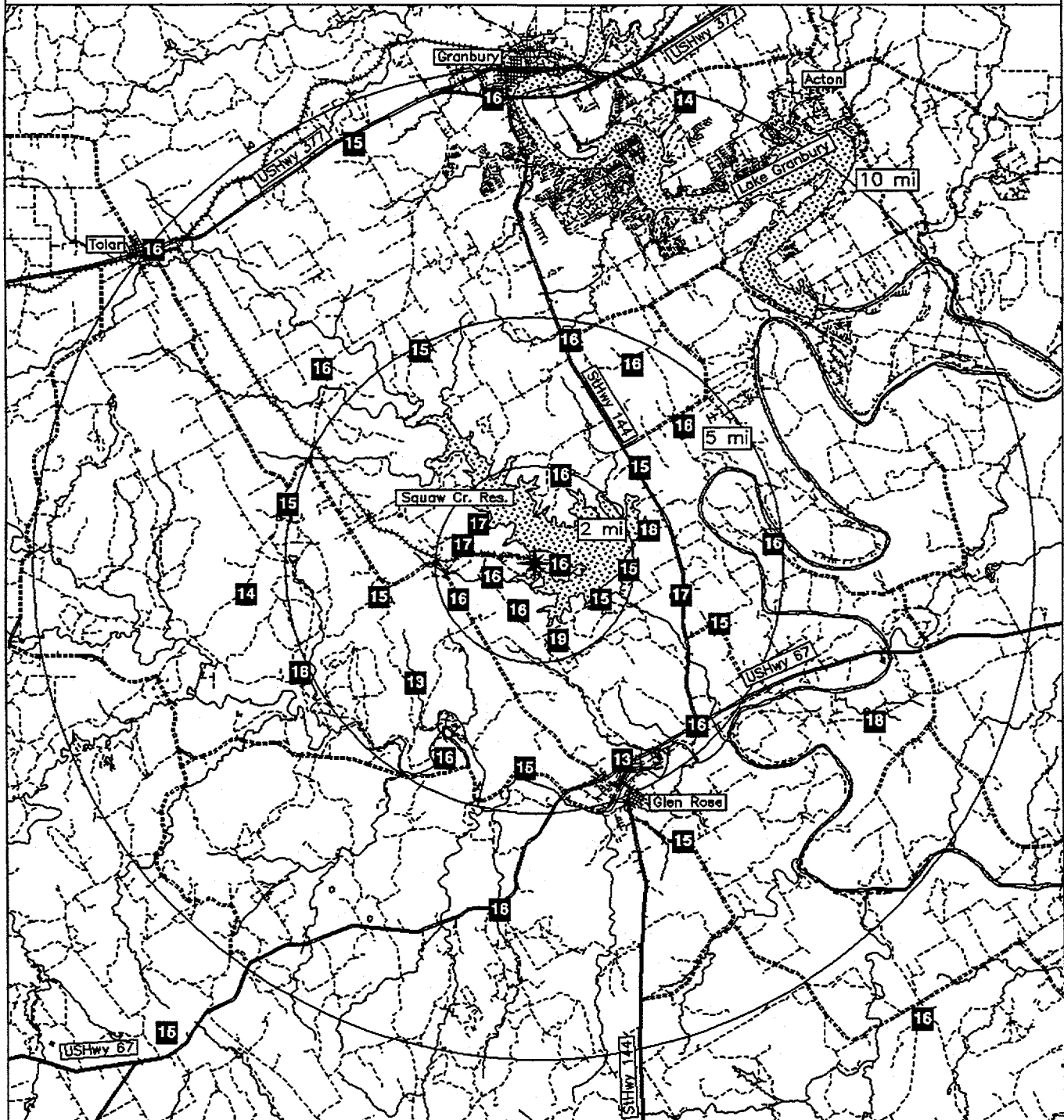
COMANCHE PEAK
For the period 941203-950503

TLD Direct Radiation Environmental Monitoring

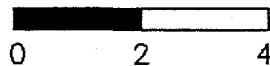
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.0 +- 0.5	3
11.26 - 33.75 NNE	15.6 +- 1.0	3
33.76 - 56.25 NE	15.3 +- 0.5	2
56.26 - 78.75 ENE	18.0 +- 0.0	1
78.76 - 101.25 E	15.9 +- 0.5	3
101.26 - 123.75 ESE	16.2 +- 1.4	4
123.76 - 146.25 SE	16.4 +- 0.5	3
146.26 - 168.75 SSE	15.6 +- 2.7	3
168.76 - 191.25 S	15.4 +- 0.6	3
191.26 - 213.75 SSW	16.1 +- 0.1	2
213.76 - 236.25 SW	14.8 +- 1.6	3
236.26 - 258.75 WSW	15.7 +- 0.7	4
258.76 - 281.25 W	15.7 +- 2.1	3
281.26 - 303.75 WNW	15.8 +- 1.3	3
303.76 - 326.25 NW	16.3 +- 0.6	3
326.26 - 348.75 NNW	14.8 +- 0.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 1.1	16
2 - 5	15.5 +- 1.3	15
> 5	15.5 +- 0.9	14
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR COMANCHE PEAK AREA



Miles



Legend



Water

Railroads



Plant site

Highways

Roads

COOPER

TLD Direct Radiation Environmental Monitoring

For the period 941203-950503 152 Days

Field Time: 105 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	350	2.3	26.6 +- 0.8; 4.0		15.4 +- 0.8; 4.7		18.2 +- 1.6	
2	6	3.5	28.5 +- 0.9; 4.3		17.1 +- 0.9; 4.9		19.0 +- 1.2	
3	18	2.7	29.1 +- 0.9; 4.4		17.6 +- 0.9; 5.0		19.6 +- 1.5	
4	16	3.2	29.4 +- 0.9; 4.4		17.9 +- 0.9; 5.0		19.8 +- 1.5	
5	47	1.9	30.1 +- 0.9; 4.5		18.5 +- 0.9; 5.1		19.5 +- 1.3	
6	40	3.6	27.9 +- 0.8; 4.2		16.6 +- 0.8; 4.8		18.8 +- 1.7	
7	75	2.7	28.5 +- 0.9; 4.3		17.1 +- 0.9; 4.9		18.7 +- 1.9	
8	55	2.8	28.5 +- 0.9; 4.3		17.1 +- 0.9; 4.9		18.8 +- 1.9	
9	80	2.1	30.7 +- 0.9; 4.6		19.0 +- 0.9; 5.1		20.3 +- 1.6	
10	98	3.7	28.1 +- 0.8; 4.2		16.7 +- 0.8; 4.9		18.6 +- 1.3	
11	118	2.3	30.4 +- 0.9; 4.6		18.7 +- 0.9; 5.1		20.1 +- 1.6	
12	109	4.6	28.2 +- 0.8; 4.2		16.8 +- 0.8; 4.9		20.0 +- 1.3	
13	141	3.2	29.2 +- 0.9; 4.4		17.7 +- 0.9; 5.0		19.5 +- 1.3	
14	126	5.6	30.9 +- 0.9; 4.6		19.2 +- 0.9; 5.1		18.0 +- 1.6	
15	159	2.7	28.6 +- 0.9; 4.3		17.2 +- 0.9; 4.9		18.8 +- 1.5	
16	167	4.9	24.9 +- 0.7; 3.7		14.0 +- 0.8; 4.6		19.6 +- 2.2	
17	205	0.3	28.1 +- 0.8; 4.2		16.8 +- 0.8; 4.9		19.5 +- 1.8	
18	186	4.7	29.9 +- 0.9; 4.5		18.3 +- 0.9; 5.0		20.3 +- 1.6	
19	213	3.0	29.3 +- 0.9; 4.4		17.8 +- 0.9; 5.0		19.3 +- 1.4	
20	195	4.9	30.3 +- 0.9; 4.5		18.6 +- 0.9; 5.1		20.4 +- 1.7	
21	222	2.0	29.5 +- 0.9; 4.4		17.9 +- 0.9; 5.0		18.3 +- 1.4	
22	215	5.7	29.4 +- 0.9; 4.4		17.9 +- 0.9; 5.0		20.4 +- 1.7	
23	256	1.5	30.1 +- 0.9; 4.5		18.5 +- 0.9; 5.1		20.0 +- 1.7	
24	238	5.2	29.8 +- 0.9; 4.5		18.3 +- 0.9; 5.0		20.0 +- 1.5	
25	276	2.2	30.8 +- 0.9; 4.6		19.1 +- 0.9; 5.1		20.5 +- 1.4	
26	260	3.8	Missing Dosimeter		No Net Data		20.5 +- 1.3	
27	301	1.8	30.4 +- 0.9; 4.6		18.7 +- 0.9; 5.1		20.1 +- 1.4	
28	286	4.3	30.2 +- 0.9; 4.5		18.6 +- 0.9; 5.1		19.7 +- 1.7	
29	324	2.8	29.7 +- 0.9; 4.4		18.1 +- 0.9; 5.0		19.3 +- 2.2	
30	333	3.7	30.0 +- 0.9; 4.5		18.4 +- 0.9; 5.0		19.9 +- 1.6	
31	343	2.6	32.0 +- 1.0; 4.8		20.1 +- 0.9; 5.2		20.2 +- 1.9	
32	333	3.7	30.3 +- 0.9; 4.5		18.6 +- 0.9; 5.1		19.8 +- 2.0	
33	215	1.0	29.7 +- 0.9; 4.5		18.1 +- 0.9; 5.0		20.2 +- 2.3	
34	175	18.0	30.7 +- 0.9; 4.6		19.0 +- 0.9; 5.1		20.6 +- 2.5	
35	333	23.0	28.8 +- 0.9; 4.3		17.4 +- 0.9; 4.9		18.7 +- 1.9	
36	210	19.0	30.6 +- 0.9; 4.6		18.9 +- 0.9; 5.1		19.9 +- 2.5	
37	64	7.0	33.4 +- 1.0; 5.0		21.3 +- 1.0; 5.4		23.0 +- 3.3	
38	329	9.0	27.7 +- 0.8; 4.2		16.5 +- 0.8; 4.8		21.8 +- 2.8	
39	273	10.0	28.9 +- 0.9; 4.3		17.5 +- 0.9; 4.9		19.2 +- 1.8	
40	300	2.5	31.8 +- 1.0; 4.8		19.9 +- 0.9; 5.2		22.3 +- 2.2	
42	93	3.5	29.8 +- 0.9; 4.5		18.2 +- 0.9; 5.0		19.1 +- 1.6	
43	270	2.2	29.1 +- 0.9; 4.4		17.6 +- 0.9; 5.0		19.9 +- 1.6	

Transit Dose = 8.5 +- 0.5; 3.8

COOPER

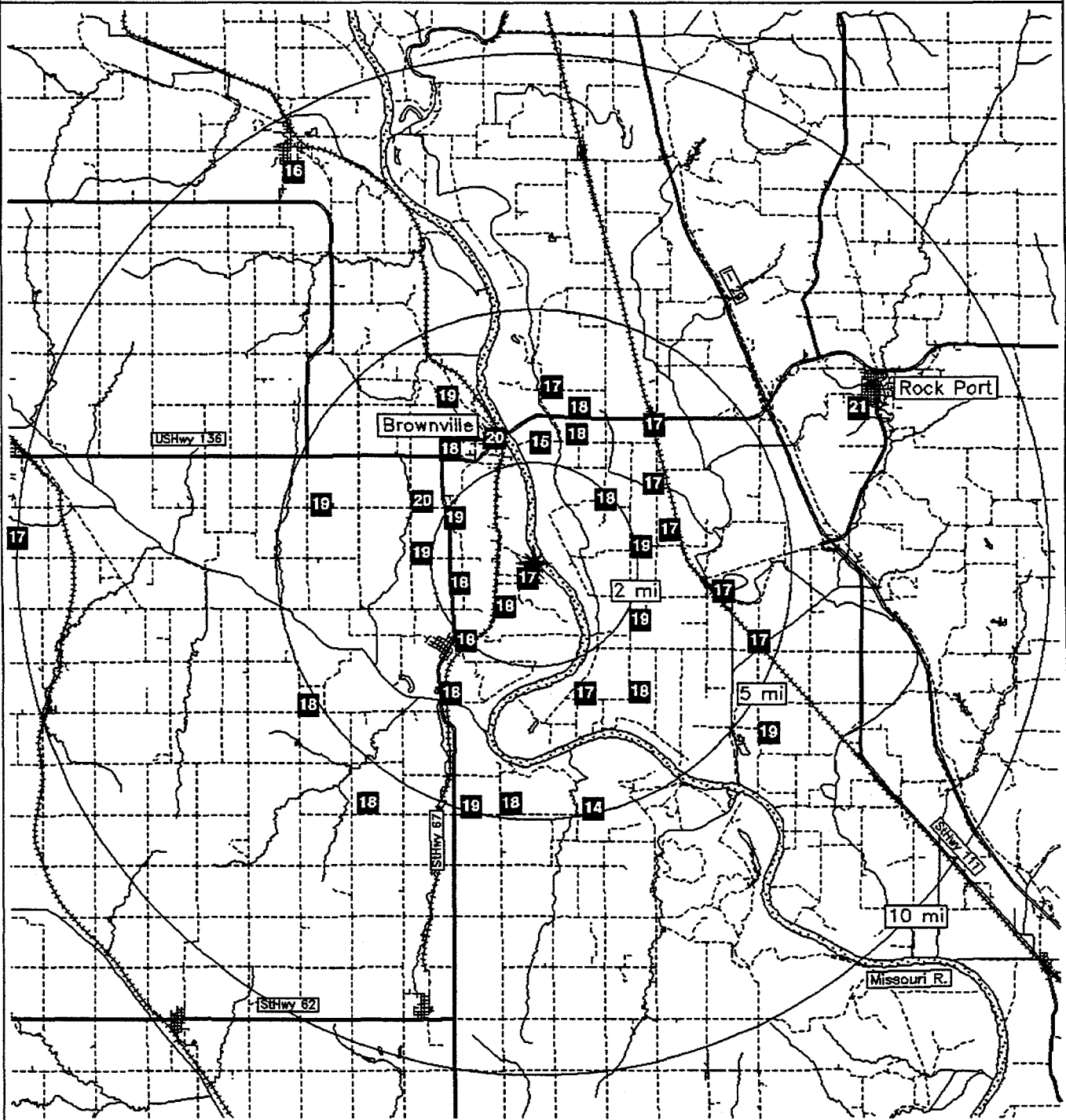
For the period 941203-950503

TLD Direct Radiation Environmental Monitoring

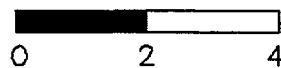
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.3 +- 1.2	2
11.26 - 33.75 NNE	17.7 +- 0.2	2
33.76 - 56.25 NE	17.4 +- 1.0	3
56.26 - 78.75 ENE	19.2 +- 3.0	2
78.76 - 101.25 E	18.0 +- 1.2	3
101.26 - 123.75 ESE	17.8 +- 1.4	2
123.76 - 146.25 SE	18.4 +- 1.0	2
146.26 - 168.75 SSE	15.6 +- 2.2	2
168.76 - 191.25 S	18.3 +- 0.0	1
191.26 - 213.75 SSW	17.7 +- 0.9	3
213.76 - 236.25 SW	18.0 +- 0.1	3
236.26 - 258.75 WSW	18.4 +- 0.1	2
258.76 - 281.25 W	18.0 +- 0.9	3
281.26 - 303.75 WNW	19.1 +- 0.7	3
303.76 - 326.25 NW	18.1 +- 0.0	1
326.26 - 348.75 NNW	18.4 +- 1.5	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.1 +- 0.7	6
2 - 5	17.8 +- 1.3	26
> 5	18.4 +- 1.7	6
Upwind Control	18.4 +- 0.9	3

NRC TLD DOSES FOR COOPER AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant site

CRYSTAL RIVER

TLD Direct Radiation Environmental Monitoring

For the period 941206-950502 148 Days

Field Time: 90 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
6	61	4.2	15.3 +- 0.5; 2.3		11.2 +- 0.6; 3.7		11.9 +- 2.6	
7	50	3.8	16.1 +- 0.5; 2.4		12.0 +- 0.6; 3.8		12.0 +- 2.7	
8	20	5.2	16.8 +- 0.5; 2.5		12.7 +- 0.6; 3.9		12.6 +- 2.5	
9	6	5.4	17.3 +- 0.5; 2.6		13.1 +- 0.6; 3.9		14.3 +- 2.6	
10	348	5.0	18.3 +- 0.6; 2.8		14.2 +- 0.7; 4.0		13.8 +- 2.6	
11	334	4.8	15.3 +- 0.5; 2.3		11.2 +- 0.6; 3.7		13.2 +- 2.5	
12	318	4.8	16.1 +- 0.5; 2.4		11.9 +- 0.6; 3.8		12.7 +- 2.8	
13	79	3.8	17.3 +- 0.5; 2.6		13.1 +- 0.6; 3.9		13.1 +- 2.6	
14	95	4.1	16.5 +- 0.5; 2.5		12.4 +- 0.6; 3.9		12.6 +- 2.7	
15	89	1.8	19.0 +- 0.6; 2.9		14.9 +- 0.7; 4.1		15.0 +- 2.8	
16	113	5.0	15.2 +- 0.5; 2.3		11.1 +- 0.6; 3.7		11.7 +- 1.6	
17	133	5.5	19.4 +- 0.6; 2.9		15.2 +- 0.7; 4.1		13.4 +- 3.2	
18	74	8.1	16.3 +- 0.5; 2.4		12.1 +- 0.6; 3.8		12.3 +- 2.9	
19	127	7.6	16.4 +- 0.5; 2.5		12.3 +- 0.6; 3.8		12.7 +- 2.7	
20	150	12.0	15.0 +- 0.4; 2.2		10.8 +- 0.6; 3.7		11.8 +- 2.5	
21	159	13.0	16.2 +- 0.5; 2.4		12.1 +- 0.6; 3.8		12.9 +- 2.8	
22	150	13.0	17.2 +- 0.5; 2.6		13.0 +- 0.6; 3.9		12.5 +- 2.9	
23	150	21.0	19.9 +- 0.6; 3.0		15.8 +- 0.7; 4.2		13.5 +- 4.1	
24	150	21.0	15.5 +- 0.5; 2.3		11.4 +- 0.6; 3.8		11.7 +- 2.7	
25	56	6.1	15.9 +- 0.5; 2.4		11.7 +- 0.6; 3.8		14.3 +- 3.7	
26	357	5.2	15.8 +- 0.5; 2.4		11.6 +- 0.6; 3.8		13.5 +- 2.5	
27	90	13.0	16.3 +- 0.5; 2.4		12.1 +- 0.6; 3.8		12.9 +- 2.9	
28	140	4.8	16.7 +- 0.5; 2.5		12.6 +- 0.6; 3.9		13.2 +- 2.5	

Transit Dose = 4.2 +- 0.3; 2.9

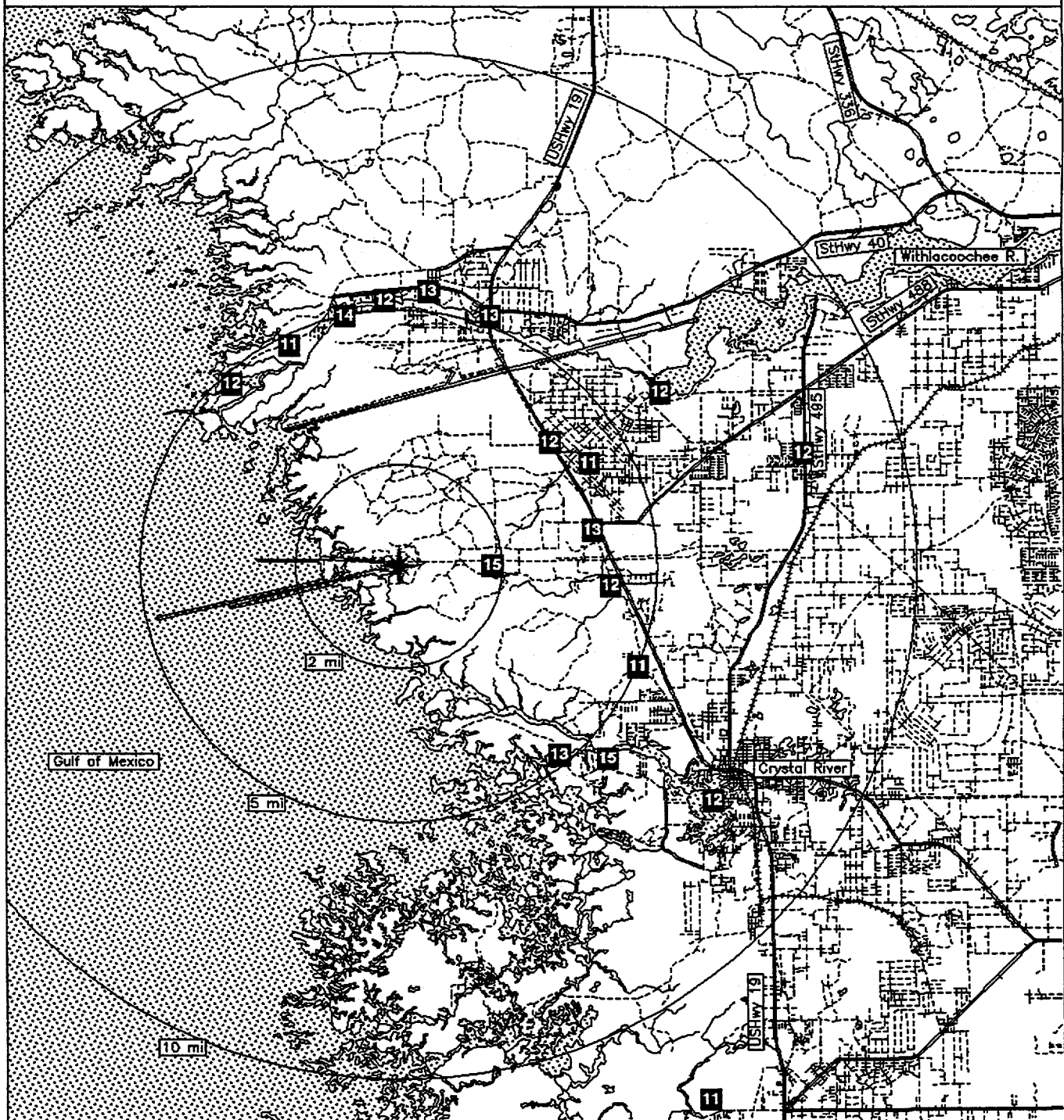
CRYSTAL RIVER
For the period 941206-950502

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.4 +- 1.1	2
11.26 - 33.75 NNE	12.7 +- 0.0	1
33.76 - 56.25 NE	11.9 +- 0.2	2
56.26 - 78.75 ENE	11.6 +- 0.7	2
78.76 - 101.25 E	13.1 +- 1.2	4
101.26 - 123.75 ESE	11.1 +- 0.0	1
123.76 - 146.25 SE	13.4 +- 1.6	3
146.26 - 168.75 SSE	11.4 +- 0.9	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	11.9 +- 0.0	1
326.26 - 348.75 NNW	12.7 +- 2.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.9 +- 0.0	1
2 - 5	12.2 +- 1.0	9
> 5	12.4 +- 1.2	10
Upwind Control	13.4 +- 2.2	3

NRC TLD DOSES FOR CRYSTAL RIVER AREA



Miles

0 2 4

Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

DAVIS BESSE

TLD Direct Radiation Environmental Monitoring

For the period 941204-950410 128 Days

Field Time: 95 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	50 0.6	13.8 +- 0.4; 2.1	11.5 +- 0.5; 3.4	12.3 +- 1.5
2	86 0.9	16.6 +- 0.5; 2.5	14.2 +- 0.5; 3.6	13.6 +- 1.6
3	116 1.4	15.5 +- 0.5; 2.3	13.1 +- 0.5; 3.5	12.9 +- 1.6
4	172 0.8	17.9 +- 0.5; 2.7	15.3 +- 0.6; 3.7	15.8 +- 2.1
5	200 1.5	Missing Dosimeter	No Net Data	19.2 +- 2.1
6	226 1.0	18.1 +- 0.5; 2.7	15.5 +- 0.6; 3.8	16.1 +- 1.4
7	249 1.5	19.4 +- 0.6; 2.9	16.8 +- 0.6; 3.9	16.9 +- 1.7
8	267 1.8	19.4 +- 0.6; 2.9	16.8 +- 0.6; 3.9	17.1 +- 1.7
9	285 1.8	19.5 +- 0.6; 2.9	16.9 +- 0.6; 3.9	17.3 +- 1.8
10	306 1.5	17.2 +- 0.5; 2.6	14.7 +- 0.6; 3.7	14.9 +- 1.8
11	344 0.9	16.9 +- 0.5; 2.5	14.4 +- 0.6; 3.6	14.4 +- 1.3
12	142 4.5	21.0 +- 0.6; 3.1	18.3 +- 0.7; 4.0	18.1 +- 2.0
13	158 4.0	21.5 +- 0.6; 3.2	18.8 +- 0.7; 4.1	19.1 +- 2.1
14	180 3.8	18.2 +- 0.5; 2.7	15.7 +- 0.6; 3.8	16.1 +- 1.8
15	207 4.8	19.3 +- 0.6; 2.9	16.7 +- 0.6; 3.9	17.2 +- 2.3
16	225 4.5	20.0 +- 0.6; 3.0	17.3 +- 0.6; 3.9	17.3 +- 1.8
17	254 2.7	24.1 +- 0.7; 3.6	21.3 +- 0.7; 4.4	20.6 +- 2.0
18	269 3.0	19.6 +- 0.6; 2.9	17.0 +- 0.6; 3.9	17.7 +- 1.9
19	295 5.3	23.5 +- 0.7; 3.5	20.7 +- 0.7; 4.3	19.3 +- 2.0
20	25 0.5	14.1 +- 0.4; 2.1	11.7 +- 0.5; 3.4	12.4 +- 2.0
21	132 9.7	19.6 +- 0.6; 2.9	17.0 +- 0.6; 3.9	16.7 +- 1.6
22	210 6.5	17.7 +- 0.5; 2.7	15.2 +- 0.6; 3.7	17.5 +- 3.5

Transit Dose = 1.7 +- 0.3; 2.9

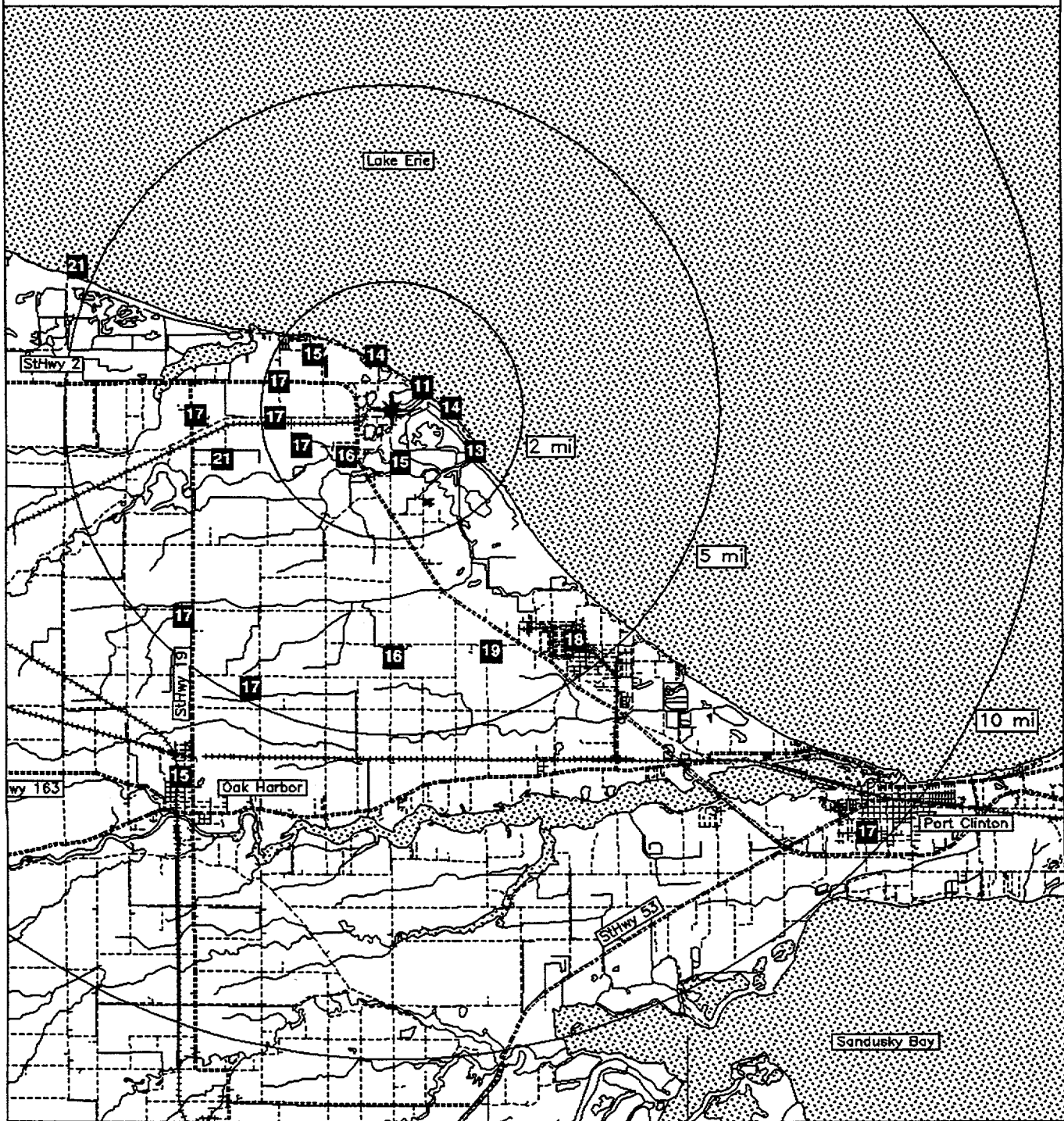
DAVIS BESSE
For the period 941204-950410

TLD Direct Radiation Environmental Monitoring

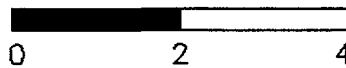
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	11.7 +- 0.0	1
33.76 - 56.25 NE	11.5 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	14.2 +- 0.0	1
101.26 - 123.75 ESE	13.1 +- 0.0	1
123.76 - 146.25 SE	18.3 +- 0.0	1
146.26 - 168.75 SSE	18.8 +- 0.0	1
168.76 - 191.25 S	15.5 +- 0.2	2
191.26 - 213.75 SSW	16.7 +- 0.0	1
213.76 - 236.25 SW	16.4 +- 1.3	2
236.26 - 258.75 WSW	19.0 +- 3.2	2
258.76 - 281.25 W	16.9 +- 0.2	2
281.26 - 303.75 WNW	18.8 +- 2.6	2
303.76 - 326.25 NW	14.7 +- 0.0	1
326.26 - 348.75 NNW	14.4 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.6 +- 1.9	11
2 - 5	17.9 +- 1.8	7
> 5	20.7 +- 0.0	1
Upwind Control	16.1 +- 1.3	2

NRC TLD DOSES FOR DAVIS-BESSE AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

DC COOK

TLD Direct Radiation Environmental Monitoring

For the period 941205-950418 135 Days

Field Time: 78 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	54 1.7	18.3 +- 0.5; 2.7	13.4 +- 0.8; 4.6	14.1 +- 1.6
2	67 1.3	19.3 +- 0.6; 2.9	14.5 +- 0.8; 4.7	16.4 +- 2.3
3	89 1.1	17.3 +- 0.5; 2.6	12.2 +- 0.8; 4.4	13.1 +- 1.8
4	58 0.7	17.6 +- 0.5; 2.6	12.5 +- 0.8; 4.5	13.1 +- 1.8
5	19 2.3	18.6 +- 0.6; 2.8	13.8 +- 0.8; 4.6	13.7 +- 1.2
6	111 1.6	18.6 +- 0.6; 2.8	13.7 +- 0.8; 4.6	13.8 +- 1.7
7	135 1.5	17.9 +- 0.5; 2.7	12.9 +- 0.8; 4.5	13.4 +- 1.7
8	158 1.4	18.2 +- 0.5; 2.7	13.3 +- 0.8; 4.6	15.7 +- 2.5
9	171 1.9	17.2 +- 0.5; 2.6	12.1 +- 0.7; 4.4	13.3 +- 1.6
10	199 1.5	18.4 +- 0.6; 2.8	13.5 +- 0.8; 4.6	13.4 +- 1.4
11	195 3.9	17.9 +- 0.5; 2.7	13.0 +- 0.8; 4.5	13.3 +- 1.4
12	200 6.6	18.3 +- 0.5; 2.7	13.4 +- 0.8; 4.6	14.0 +- 1.6
13	179 3.9	21.3 +- 0.6; 3.2	16.9 +- 0.9; 4.9	16.4 +- 1.6
14	151 4.4	22.8 +- 0.7; 3.4	18.6 +- 0.9; 5.1	17.3 +- 1.6
15	130 4.6	21.1 +- 0.6; 3.2	16.6 +- 0.9; 4.9	17.7 +- 1.6
16	110 3.7	20.8 +- 0.6; 3.1	16.3 +- 0.9; 4.9	15.1 +- 1.5
17	88 3.6	18.7 +- 0.6; 2.8	13.8 +- 0.8; 4.6	14.4 +- 1.5
18	67 3.8	Missing Dosimeter	No Net Data	14.7 +- 2.1
19	24 3.8	18.1 +- 0.5; 2.7	13.2 +- 0.8; 4.5	13.4 +- 2.0
20	43 3.3	19.7 +- 0.6; 3.0	15.0 +- 0.8; 4.7	16.0 +- 2.8
21	26 9.9	21.4 +- 0.6; 3.2	17.0 +- 0.9; 5.0	17.6 +- 4.1
22	121 18.0	19.2 +- 0.6; 2.9	14.5 +- 0.8; 4.7	14.3 +- 1.4
23	121 18.0	20.3 +- 0.6; 3.0	15.7 +- 0.8; 4.8	14.6 +- 1.6
24	121 18.0	19.0 +- 0.6; 2.9	14.2 +- 0.8; 4.7	16.2 +- 2.3

Transit Dose = 6.7 +- 0.4; 2.9

DC COOK

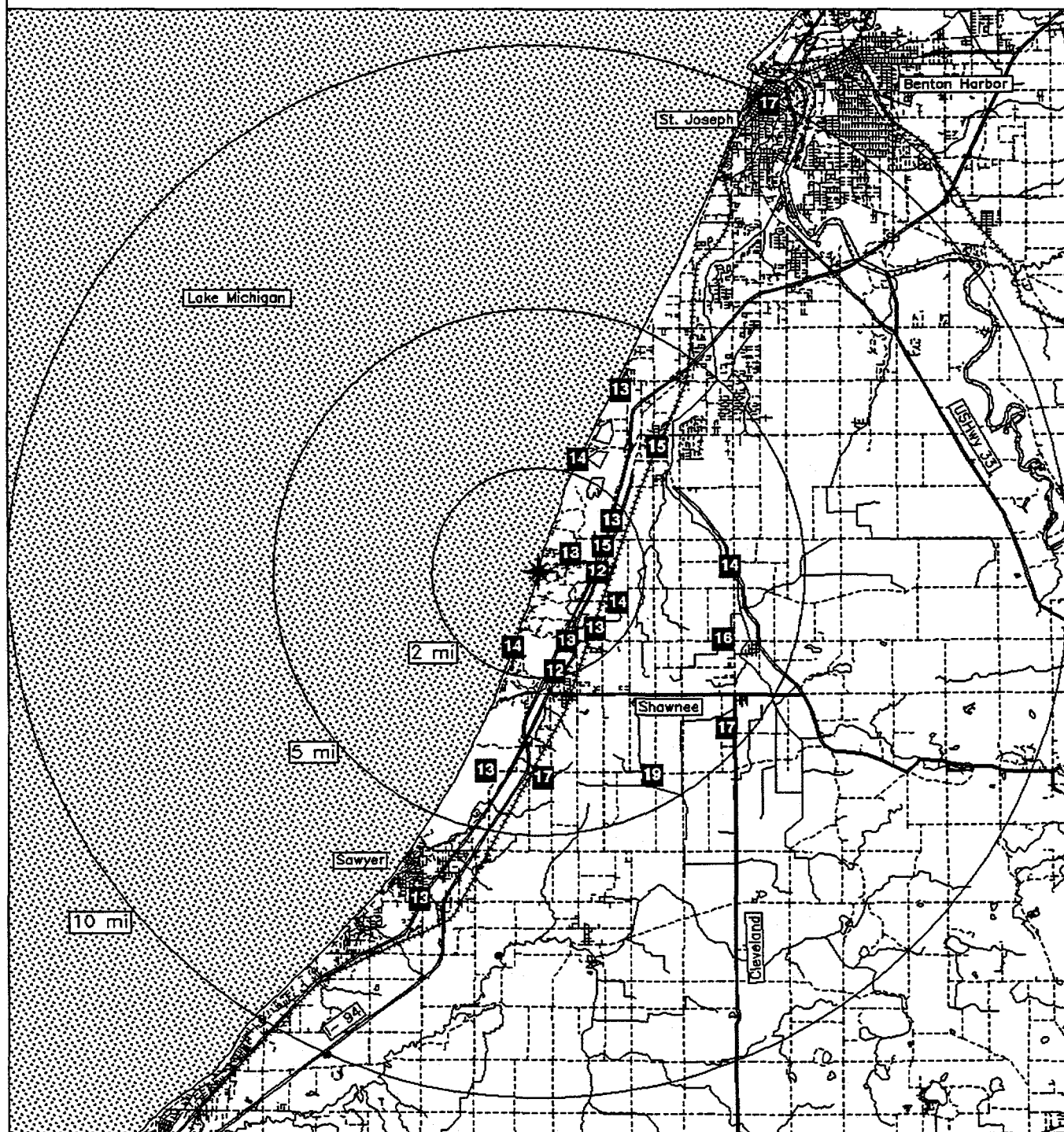
For the period 941205-950418

TLD Direct Radiation Environmental Monitoring

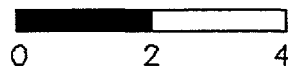
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	14.6 +- 2.0	3
33.76 - 56.25 NE	14.2 +- 1.2	2
56.26 - 78.75 ENE	13.5 +- 1.4	2
78.76 - 101.25 E	13.0 +- 1.1	2
101.26 - 123.75 ESE	15.0 +- 1.8	2
123.76 - 146.25 SE	14.8 +- 2.6	2
146.26 - 168.75 SSE	16.0 +- 3.8	2
168.76 - 191.25 S	14.5 +- 3.4	2
191.26 - 213.75 SSW	13.3 +- 0.3	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.1 +- 0.8	9
2 - 5	15.2 +- 2.0	9
> 5	15.2 +- 2.5	2
Upwind Control	14.8 +- 0.8	3

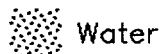
NRC TLD DOSES FOR D.C. COOK AREA



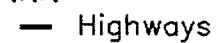
Miles



Legend



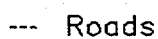
Water



Highways



Railroads



Roads



Plant..site

DIABLO CANYON

TLD Direct Radiation Environmental Monitoring

For the period 941203-950502 151 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	132	0.9	32.8 +- 1.0; 4.9		23.5 +- 1.1; 5.9		23.2 +- 1.6	
2	119	3.9	29.4 +- 0.9; 4.4		20.2 +- 1.0; 5.5		21.0 +- 1.5	
3	107	7.2	28.8 +- 0.9; 4.3		19.6 +- 1.0; 5.4		19.5 +- 1.5	
4	111	10.3	27.6 +- 0.8; 4.1		18.4 +- 0.9; 5.3		18.7 +- 1.6	
5	115	13.9	27.8 +- 0.8; 4.2		18.6 +- 0.9; 5.3		19.8 +- 1.7	
6	68	9.4	26.3 +- 0.8; 3.9		17.1 +- 0.9; 5.1		18.2 +- 1.7	
7	359	11.1	24.7 +- 0.7; 3.7		15.6 +- 0.9; 5.0		16.3 +- 2.3	
8	359	6.6	22.6 +- 0.7; 3.4		13.6 +- 0.8; 4.7		14.6 +- 1.7	
9	339	4.8	21.6 +- 0.6; 3.2		12.5 +- 0.8; 4.6		13.5 +- 1.4	
10	327	3.6	21.2 +- 0.6; 3.2		12.2 +- 0.8; 4.6		14.6 +- 2.5	
11	325	1.2	21.3 +- 0.6; 3.2		12.3 +- 0.8; 4.6		14.5 +- 1.7	
12	36	20.7	29.8 +- 0.9; 4.5		20.5 +- 1.0; 5.5		21.0 +- 1.4	
13	36	20.7	29.0 +- 0.9; 4.3		19.7 +- 1.0; 5.4		20.8 +- 1.9	
14	36	20.7	Damaged Dosimeter		No Net Data		21.2 +- 1.5	

Transit Dose = 8.8 +- 0.5; 3.5

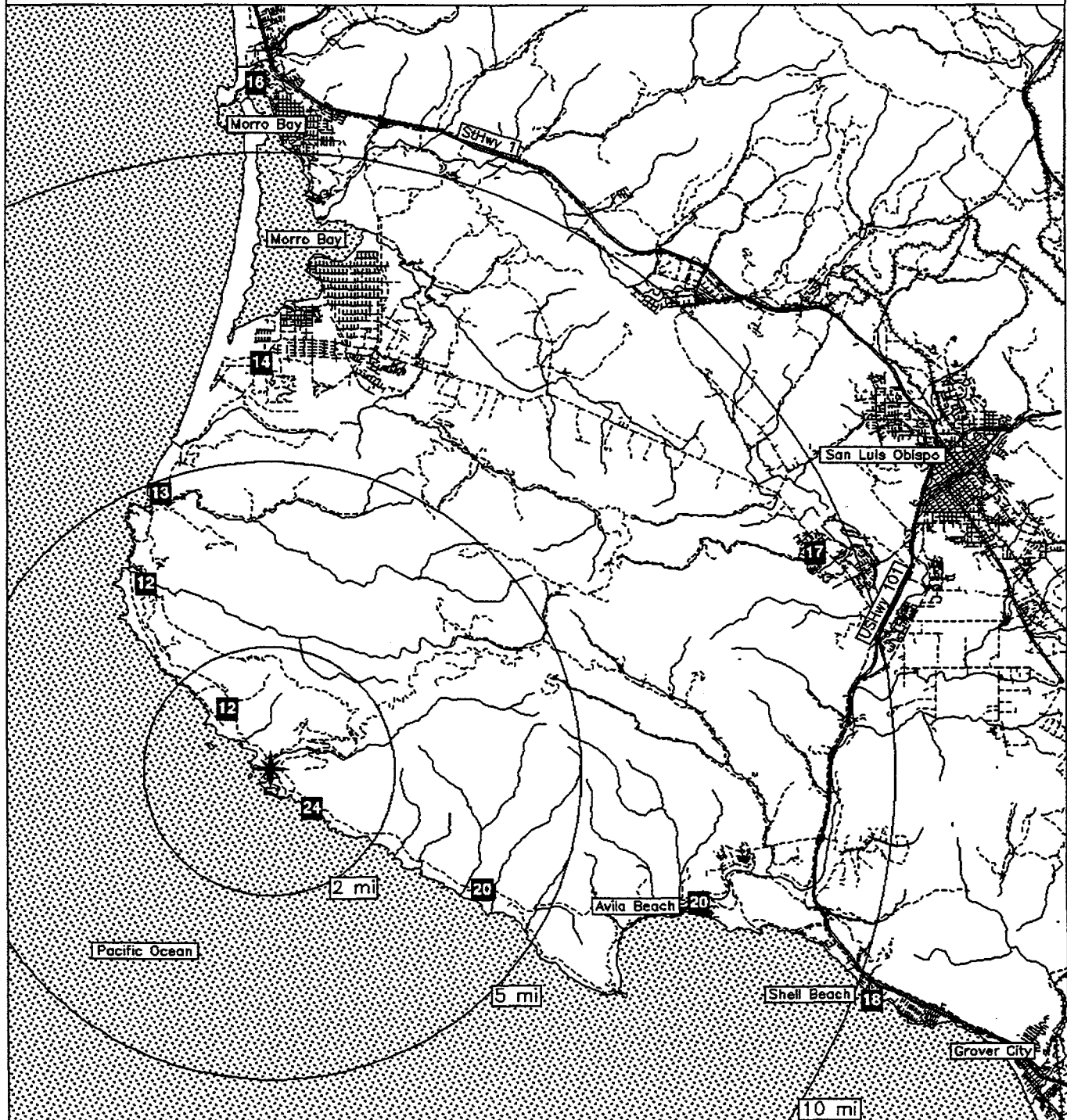
DIABLO CANYON
For the period 941203-950502

TLD Direct Radiation Environmental Monitoring

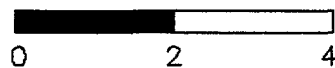
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.6 +- 1.5	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	17.1 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	19.2 +- 0.8	4
123.76 - 146.25 SE	23.5 +- 0.0	1
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	12.3 +- 0.0	1
326.26 - 348.75 NNW	12.4 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 8.0	2
2 - 5	15.0 +- 4.5	3
> 5	17.1 +- 2.2	6
Upwind Control	20.1 +- 0.6	2

NRC TLD DOSES FOR DIABLO CANYON AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

DRESDEN

TLD Direct Radiation Environmental Monitoring

For the period 941204-950420 138 Days

Field Time: 90 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.			Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.			Hist. Range Net Exp Rate +-1 Std Dev	
1	70	4.2	22.7	+-	0.7; 3.4	18.3	+-	0.8; 4.5	17.3	+- 2.6
2	76	3.9	20.1	+-	0.6; 3.0	15.8	+-	0.7; 4.2	16.6	+- 3.1
3	108	3.2	21.5	+-	0.6; 3.2	17.1	+-	0.7; 4.4	17.5	+- 2.4
4	142	1.3	19.8	+-	0.6; 3.0	15.5	+-	0.7; 4.2	14.6	+- 2.7
5	115	1.5	18.0	+-	0.5; 2.7	13.6	+-	0.6; 4.0	14.5	+- 2.4
6	180	1.9	21.4	+-	0.6; 3.2	17.0	+-	0.7; 4.4	17.6	+- 3.0
7	179	0.5	21.8	+-	0.7; 3.3	17.4	+-	0.7; 4.4	16.7	+- 2.4
8	180	0.7	18.5	+-	0.6; 2.8	14.1	+-	0.7; 4.1	14.6	+- 2.2
9	253	0.5	22.5	+-	0.7; 3.4	18.1	+-	0.8; 4.5	18.2	+- 2.5
10	254	1.3	27.7	+-	0.8; 4.1	23.3	+-	0.9; 5.1	23.8	+- 4.1
11	250	1.5	19.8	+-	0.6; 3.0	15.4	+-	0.7; 4.2	15.1	+- 2.9
12	263	2.1	23.6	+-	0.7; 3.5	19.3	+-	0.8; 4.6	18.1	+- 2.4
13	180	4.0	19.1	+-	0.6; 2.9	14.7	+-	0.7; 4.1	13.9	+- 2.4
14	158	4.8	19.9	+-	0.6; 3.0	15.6	+-	0.7; 4.2	15.1	+- 2.3
15	137	4.2	19.6	+-	0.6; 2.9	15.2	+-	0.7; 4.2	15.3	+- 2.8
16	134	8.4	20.1	+-	0.6; 3.0	15.7	+-	0.7; 4.2	14.8	+- 2.2
17	189	7.4	20.3	+-	0.6; 3.0	15.9	+-	0.7; 4.3	15.9	+- 2.5
18	203	4.1	18.1	+-	0.5; 2.7	13.8	+-	0.6; 4.0	13.8	+- 3.0
19	231	4.0	21.7	+-	0.7; 3.3	17.3	+-	0.7; 4.4	18.6	+- 3.0
20	244	6.4	22.0	+-	0.7; 3.3	17.6	+-	0.7; 4.4	16.4	+- 2.6
21	258	8.6	21.9	+-	0.7; 3.3	17.5	+-	0.7; 4.4	17.1	+- 2.3
22	269	4.4	19.6	+-	0.6; 2.9	15.3	+-	0.7; 4.2	14.7	+- 2.4
23	295	3.3	21.5	+-	0.6; 3.2	17.1	+-	0.7; 4.4	15.0	+- 1.4
24	311	3.9	22.1	+-	0.7; 3.3	17.7	+-	0.8; 4.5	16.3	+- 2.7
25	340	4.7	25.2	+-	0.8; 3.8	20.8	+-	0.8; 4.8	19.0	+- 2.9
26	7	4.4	21.4	+-	0.6; 3.2	17.0	+-	0.7; 4.4	15.7	+- 2.5
27	355	2.0	23.8	+-	0.7; 3.6	19.5	+-	0.8; 4.6	20.6	+- 2.8
28	327	1.7	26.6	+-	0.8; 4.0	22.2	+-	0.9; 5.0	21.0	+- 2.7
29	318	1.4	22.8	+-	0.7; 3.4	18.4	+-	0.8; 4.5	18.2	+- 3.1
30	295	2.0	19.0	+-	0.6; 2.9	14.7	+-	0.7; 4.1	15.4	+- 3.3
31	30	1.5	25.4	+-	0.8; 3.8	21.1	+-	0.8; 4.8	19.6	+- 2.9
32	48	1.9	24.3	+-	0.7; 3.6	19.9	+-	0.8; 4.7	20.9	+- 2.9
33	76	1.4	23.1	+-	0.7; 3.5	18.7	+-	0.8; 4.6	19.2	+- 3.0
34	90	1.4	22.8	+-	0.7; 3.4	18.4	+-	0.8; 4.5	18.4	+- 4.0
35	26	4.5	23.0	+-	0.7; 3.4	18.6	+-	0.8; 4.5	17.7	+- 2.7
36	42	3.6	20.7	+-	0.6; 3.1	16.3	+-	0.7; 4.3	16.1	+- 2.8
37	52	11.5	20.0	+-	0.6; 3.0	15.7	+-	0.7; 4.2	17.0	+- 3.2
38	274	21.5	23.0	+-	0.7; 3.4	18.6	+-	0.8; 4.5	17.9	+- 3.1
39	274	21.5	22.4	+-	0.7; 3.4	18.0	+-	0.8; 4.5	17.8	+- 2.8
40	275	21.5	23.6	+-	0.7; 3.5	19.2	+-	0.8; 4.6	19.3	+- 3.4

Transit Dose = 4.4 +- 0.4; 3.0

DRESDEN

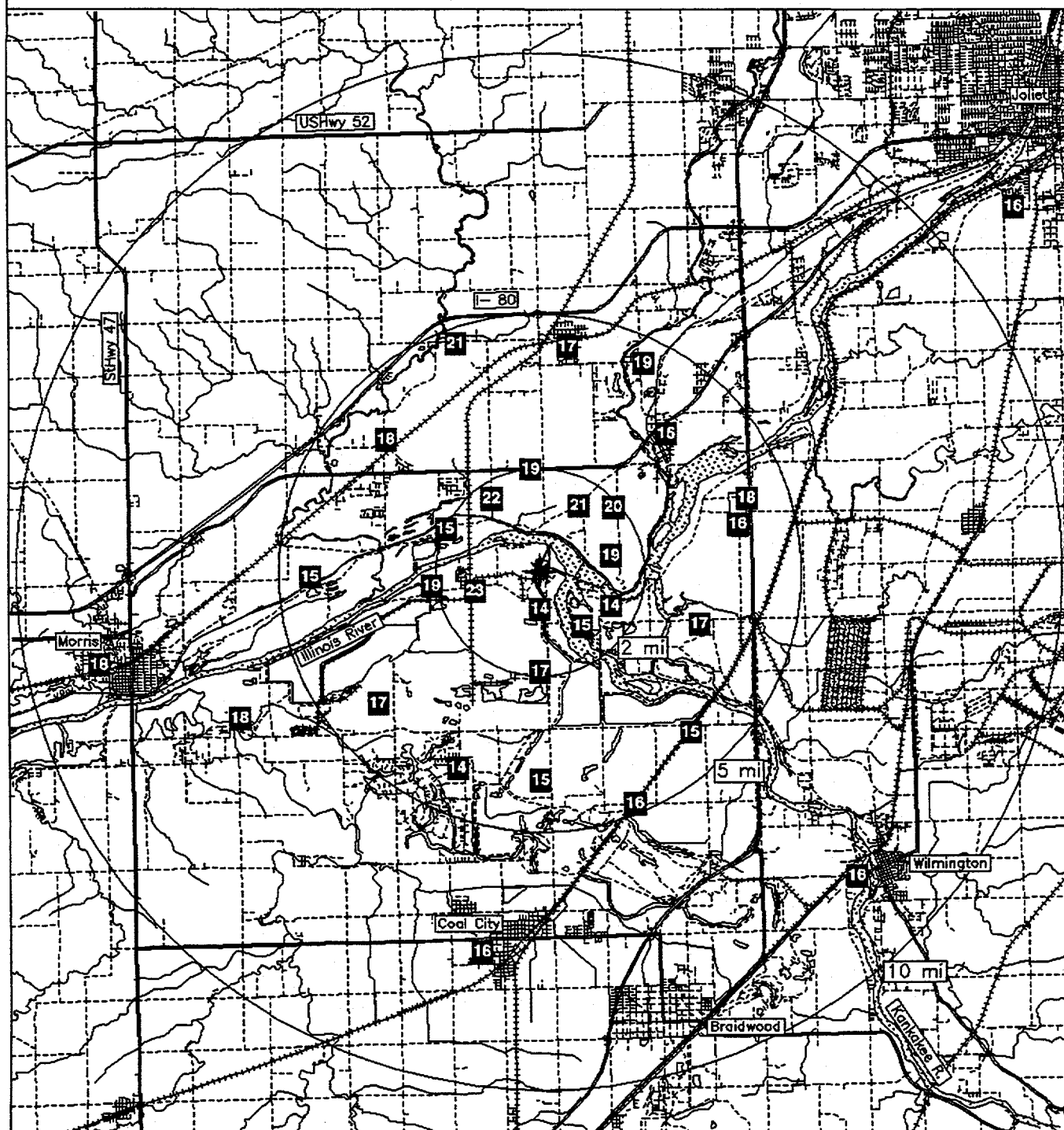
For the period 941204-950420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.2 +- 1.7	2
11.26 - 33.75 NNE	19.8 +- 1.8	2
33.76 - 56.25 NE	17.3 +- 2.3	3
56.26 - 78.75 ENE	17.6 +- 1.6	3
78.76 - 101.25 E	18.4 +- 0.0	1
101.26 - 123.75 ESE	15.4 +- 2.5	2
123.76 - 146.25 SE	15.5 +- 0.3	3
146.26 - 168.75 SSE	15.6 +- 0.0	1
168.76 - 191.25 S	15.8 +- 1.4	5
191.26 - 213.75 SSW	13.8 +- 0.0	1
213.76 - 236.25 SW	17.3 +- 0.0	1
236.26 - 258.75 WSW	18.4 +- 2.9	5
258.76 - 281.25 W	17.3 +- 2.8	2
281.26 - 303.75 WNW	15.9 +- 1.8	2
303.76 - 326.25 NW	18.1 +- 0.5	2
326.26 - 348.75 NNW	21.5 +- 1.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 2.8	16
2 - 5	16.9 +- 1.8	16
> 5	16.5 +- 1.0	5
Upwind Control	18.6 +- 0.6	3

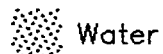
NRC TLD DOSES FOR DRESDEN AREA



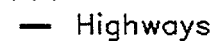
Miles

0 2 4

Legend



Water



Highways



Railroads



Roads



Plant..site

DUANE ARNOLD

TLD Direct Radiation Environmental Monitoring

For the period 941204-950410 128 Days

Field Time: 99 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	163 9.7	18.6 +- 0.6; 2.8	16.7 +- 0.6; 3.7	16.6 +- 2.0
2	170 6.2	22.2 +- 0.7; 3.3	20.0 +- 0.6; 4.0	18.6 +- 1.8
3	180 3.5	17.9 +- 0.5; 2.7	16.1 +- 0.5; 3.6	15.4 +- 1.3
4	216 2.9	21.9 +- 0.7; 3.3	19.7 +- 0.6; 4.0	18.8 +- 2.3
5	201 2.5	17.6 +- 0.5; 2.6	15.8 +- 0.5; 3.6	15.2 +- 1.7
6	213 1.0	19.7 +- 0.6; 3.0	17.7 +- 0.6; 3.8	17.1 +- 1.8
7	248 1.0	21.9 +- 0.7; 3.3	19.8 +- 0.6; 4.0	18.9 +- 2.0
8	279 1.0	21.8 +- 0.7; 3.3	19.6 +- 0.6; 4.0	18.5 +- 1.9
9	298 1.0	22.7 +- 0.7; 3.4	20.4 +- 0.7; 4.1	19.6 +- 2.3
10	320 1.5	22.0 +- 0.7; 3.3	19.8 +- 0.6; 4.0	18.8 +- 2.1
11	343 1.0	21.5 +- 0.6; 3.2	19.4 +- 0.6; 3.9	19.5 +- 2.1
12	359 1.2	20.0 +- 0.6; 3.0	18.0 +- 0.6; 3.8	18.3 +- 1.9
13	237 0.5	19.9 +- 0.6; 3.0	17.9 +- 0.6; 3.8	17.5 +- 1.9
14	259 3.9	20.4 +- 0.6; 3.1	18.4 +- 0.6; 3.8	18.0 +- 2.2
15	272 5.0	17.6 +- 0.5; 2.6	15.8 +- 0.5; 3.6	15.1 +- 1.7
16	285 5.0	19.4 +- 0.6; 2.9	17.5 +- 0.6; 3.7	16.8 +- 1.7
17	308 4.5	21.1 +- 0.6; 3.2	19.0 +- 0.6; 3.9	18.8 +- 2.1
18	340 4.5	16.0 +- 0.5; 2.4	14.3 +- 0.5; 3.4	15.7 +- 1.7
19	291 15.0	20.6 +- 0.6; 3.1	18.5 +- 0.6; 3.9	17.1 +- 1.7
20	291 15.0	19.9 +- 0.6; 3.0	17.9 +- 0.6; 3.8	17.9 +- 2.1
21	291 15.0	20.3 +- 0.6; 3.0	18.3 +- 0.6; 3.8	16.6 +- 1.8
22	358 6.1	19.2 +- 0.6; 2.9	17.3 +- 0.6; 3.7	15.9 +- 1.6
23	7 2.9	18.1 +- 0.5; 2.7	16.3 +- 0.5; 3.6	15.3 +- 1.7
24	28 3.0	22.3 +- 0.7; 3.3	20.0 +- 0.6; 4.0	18.7 +- 2.0
25	39 3.5	20.1 +- 0.6; 3.0	18.1 +- 0.6; 3.8	17.3 +- 1.7
26	64 3.8	20.8 +- 0.6; 3.1	18.7 +- 0.6; 3.9	17.8 +- 1.7
27	50 1.9	18.5 +- 0.6; 2.8	16.6 +- 0.6; 3.7	15.7 +- 1.7
28	72 2.3	22.0 +- 0.7; 3.3	19.8 +- 0.6; 4.0	17.3 +- 1.5
29	91 3.0	19.2 +- 0.6; 2.9	17.3 +- 0.6; 3.7	15.6 +- 1.7
30	93 1.8	22.7 +- 0.7; 3.4	20.4 +- 0.7; 4.1	19.1 +- 1.7
31	113 2.0	22.1 +- 0.7; 3.3	19.9 +- 0.6; 4.0	19.2 +- 1.7
32	141 1.6	18.0 +- 0.5; 2.7	16.2 +- 0.5; 3.6	15.5 +- 1.7
33	153 1.5	21.4 +- 0.6; 3.2	19.3 +- 0.6; 3.9	17.8 +- 2.0
34	177 1.2	18.0 +- 0.5; 2.7	16.1 +- 0.5; 3.6	15.7 +- 2.5
35	153 4.2	16.7 +- 0.5; 2.5	15.0 +- 0.5; 3.5	15.1 +- 1.8
36	135 4.1	18.8 +- 0.6; 2.8	16.9 +- 0.6; 3.7	16.5 +- 1.6
37	111 4.6	19.9 +- 0.6; 3.0	17.9 +- 0.6; 3.8	18.9 +- 1.9
38	123 5.1	20.7 +- 0.6; 3.1	18.7 +- 0.6; 3.9	18.6 +- 1.8
39	132 7.0	18.4 +- 0.6; 2.8	16.5 +- 0.6; 3.6	15.8 +- 1.6
40	139 7.6	21.2 +- 0.6; 3.2	19.1 +- 0.6; 3.9	16.6 +- 1.6

Transit Dose = 0.2 +- 0.3; 2.9

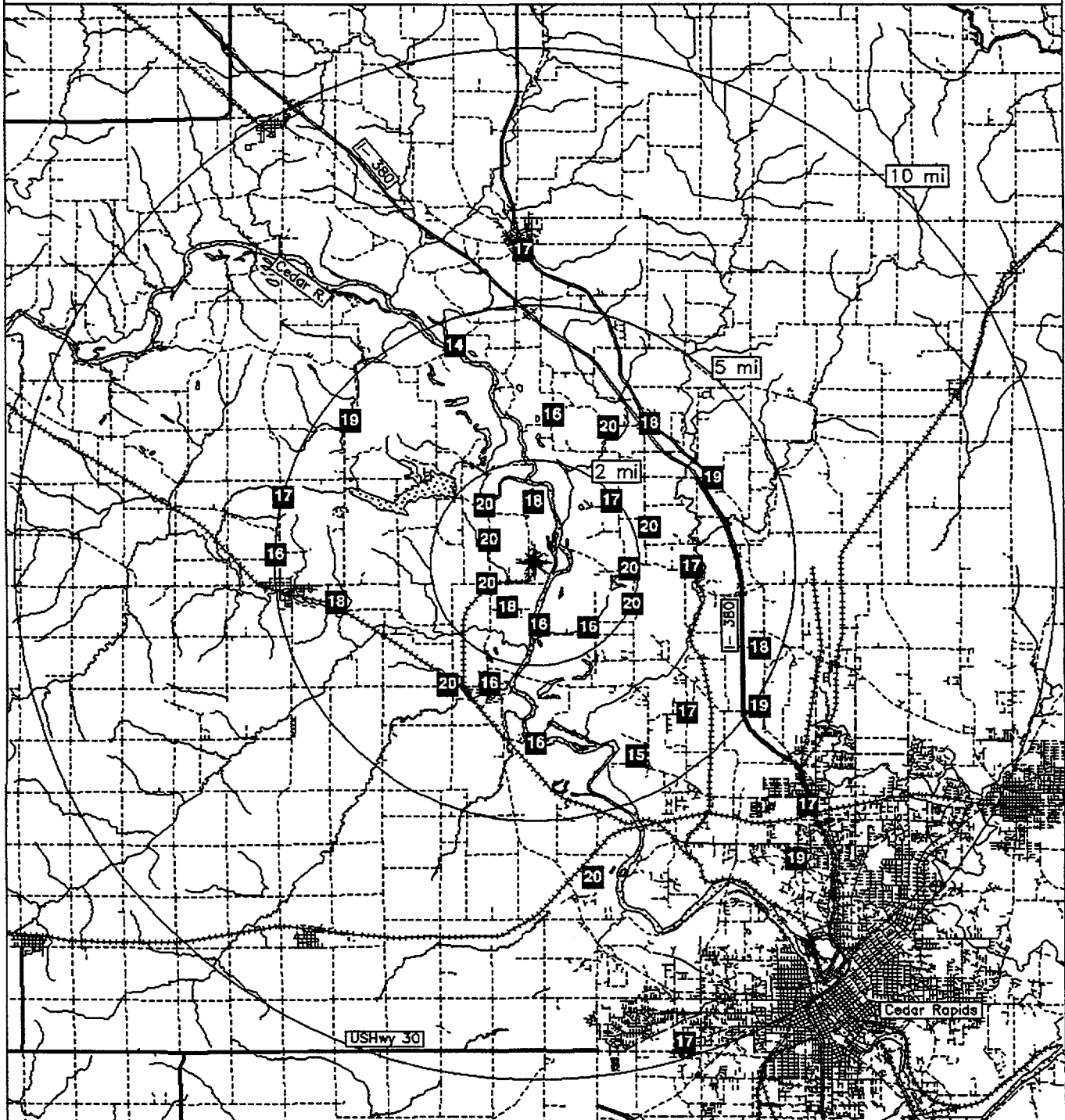
DUANE ARNOLD
For the period 941204-950410

TLD Direct Radiation Environmental Monitoring

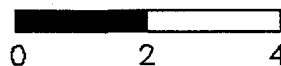
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.2 +- 0.9	3
11.26 - 33.75 NNE	20.0 +- 0.0	1
33.76 - 56.25 NE	17.3 +- 1.0	2
56.26 - 78.75 ENE	19.3 +- 0.8	2
78.76 - 101.25 E	18.8 +- 2.2	2
101.26 - 123.75 ESE	18.8 +- 1.0	3
123.76 - 146.25 SE	17.2 +- 1.3	4
146.26 - 168.75 SSE	17.0 +- 2.2	3
168.76 - 191.25 S	17.4 +- 2.2	3
191.26 - 213.75 SSW	16.8 +- 1.3	2
213.76 - 236.25 SW	19.7 +- 0.0	1
236.26 - 258.75 WSW	18.8 +- 1.3	2
258.76 - 281.25 W	17.9 +- 2.0	3
281.26 - 303.75 WNW	19.0 +- 2.1	2
303.76 - 326.25 NW	19.4 +- 0.6	2
326.26 - 348.75 NNW	16.8 +- 3.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 1.5	14
2 - 5	17.4 +- 1.7	17
> 5	18.0 +- 1.4	6
Upwind Control	18.2 +- 0.3	3

NRC TLD DOSES FOR DUANE ARNOLD AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

FARLEY

TLD Direct Radiation Environmental Monitoring

For the period 941205-950503 150 Days

Field Time: 85 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	268	15.0	20.1 +- 0.6; 3.0		17.4 +- 0.7; 4.3		13.9 +- 2.6	
2	252	7.8	20.2 +- 0.6; 3.0		17.5 +- 0.7; 4.3		14.1 +- 2.5	
3	217	6.1	22.0 +- 0.7; 3.3		19.5 +- 0.8; 4.6		15.3 +- 2.2	
4	155	5.7	24.7 +- 0.7; 3.7		22.3 +- 0.9; 4.9		18.4 +- 2.3	
5	170	5.1	22.0 +- 0.7; 3.3		19.4 +- 0.8; 4.6		15.3 +- 2.1	
6	197	4.5	20.6 +- 0.6; 3.1		17.9 +- 0.7; 4.4		14.2 +- 2.2	
7	191	2.4	21.9 +- 0.7; 3.3		19.4 +- 0.8; 4.5		17.7 +- 2.8	
8	200	1.8	20.9 +- 0.6; 3.1		18.2 +- 0.7; 4.4		15.3 +- 2.2	
9	220	1.2	20.3 +- 0.6; 3.0		17.6 +- 0.7; 4.3		13.7 +- 2.3	
10	254	0.9	22.5 +- 0.7; 3.4		20.0 +- 0.8; 4.6		15.9 +- 2.1	
11	300	0.9	23.5 +- 0.7; 3.5		21.0 +- 0.8; 4.7		15.8 +- 2.1	
12	319	1.1	22.4 +- 0.7; 3.4		19.8 +- 0.8; 4.6		16.1 +- 2.4	
13	338	1.3	21.1 +- 0.6; 3.2		18.5 +- 0.8; 4.4		14.3 +- 2.1	
14	256	1.2	21.8 +- 0.7; 3.3		19.2 +- 0.8; 4.5		14.6 +- 2.3	
15	16	1.3	25.7 +- 0.8; 3.9		23.4 +- 0.9; 5.0		20.0 +- 2.4	
16	264	1.6	21.2 +- 0.6; 3.2		18.5 +- 0.8; 4.5		14.7 +- 2.2	
17	253	3.5	22.8 +- 0.7; 3.4		20.3 +- 0.8; 4.7		16.9 +- 2.2	
18	233	3.2	21.1 +- 0.6; 3.2		18.5 +- 0.8; 4.4		15.0 +- 2.2	
19	267	4.5	23.1 +- 0.7; 3.5		20.6 +- 0.8; 4.7		16.0 +- 2.1	
20	295	3.8	21.4 +- 0.6; 3.2		18.8 +- 0.8; 4.5		15.9 +- 2.5	
21	315	4.6	19.7 +- 0.6; 3.0		17.0 +- 0.7; 4.3		14.4 +- 2.4	
22	332	4.3	20.8 +- 0.6; 3.1		18.1 +- 0.7; 4.4		14.2 +- 2.1	
23	251	4.8	19.3 +- 0.6; 2.9		16.6 +- 0.7; 4.2		13.7 +- 2.2	
24	32	5.3	22.2 +- 0.7; 3.3		19.6 +- 0.8; 4.6		16.2 +- 2.1	
25	54	6.2	20.9 +- 0.6; 3.1		18.3 +- 0.7; 4.4		14.0 +- 2.3	
26	64	5.5	22.1 +- 0.7; 3.3		19.5 +- 0.8; 4.6		15.7 +- 2.2	
27	88	4.7	22.1 +- 0.7; 3.3		19.5 +- 0.8; 4.6		15.4 +- 2.2	
28	124	5.1	22.7 +- 0.7; 3.4		20.2 +- 0.8; 4.6		16.2 +- 2.2	
29	153	4.1	21.1 +- 0.6; 3.2		18.5 +- 0.8; 4.4		15.4 +- 2.2	
30	142	3.6	20.2 +- 0.6; 3.0		17.5 +- 0.7; 4.3		14.0 +- 2.1	
31	130	3.0	20.3 +- 0.6; 3.0		17.7 +- 0.7; 4.4		13.1 +- 2.4	
32	110	2.8	19.9 +- 0.6; 3.0		17.2 +- 0.7; 4.3		14.1 +- 2.5	
33	78	2.6	20.5 +- 0.6; 3.1		17.9 +- 0.7; 4.4		13.9 +- 2.5	
34	58	2.2	18.9 +- 0.6; 2.8		16.2 +- 0.7; 4.2		12.9 +- 2.3	
35	34	2.4	23.9 +- 0.7; 3.6		21.5 +- 0.8; 4.8		19.0 +- 2.3	
36	19	2.7	22.6 +- 0.7; 3.4		20.1 +- 0.8; 4.6		16.5 +- 2.1	
37	284	10.0	21.7 +- 0.7; 3.3		19.2 +- 0.8; 4.5		15.4 +- 2.4	
38	289	15.0	18.8 +- 0.6; 2.8		16.0 +- 0.7; 4.2		14.7 +- 3.3	
39	293	15.0	23.0 +- 0.7; 3.4		20.5 +- 0.8; 4.7		16.4 +- 2.0	

Transit Dose = 3.6 +- 0.3; 2.8

FARLEY

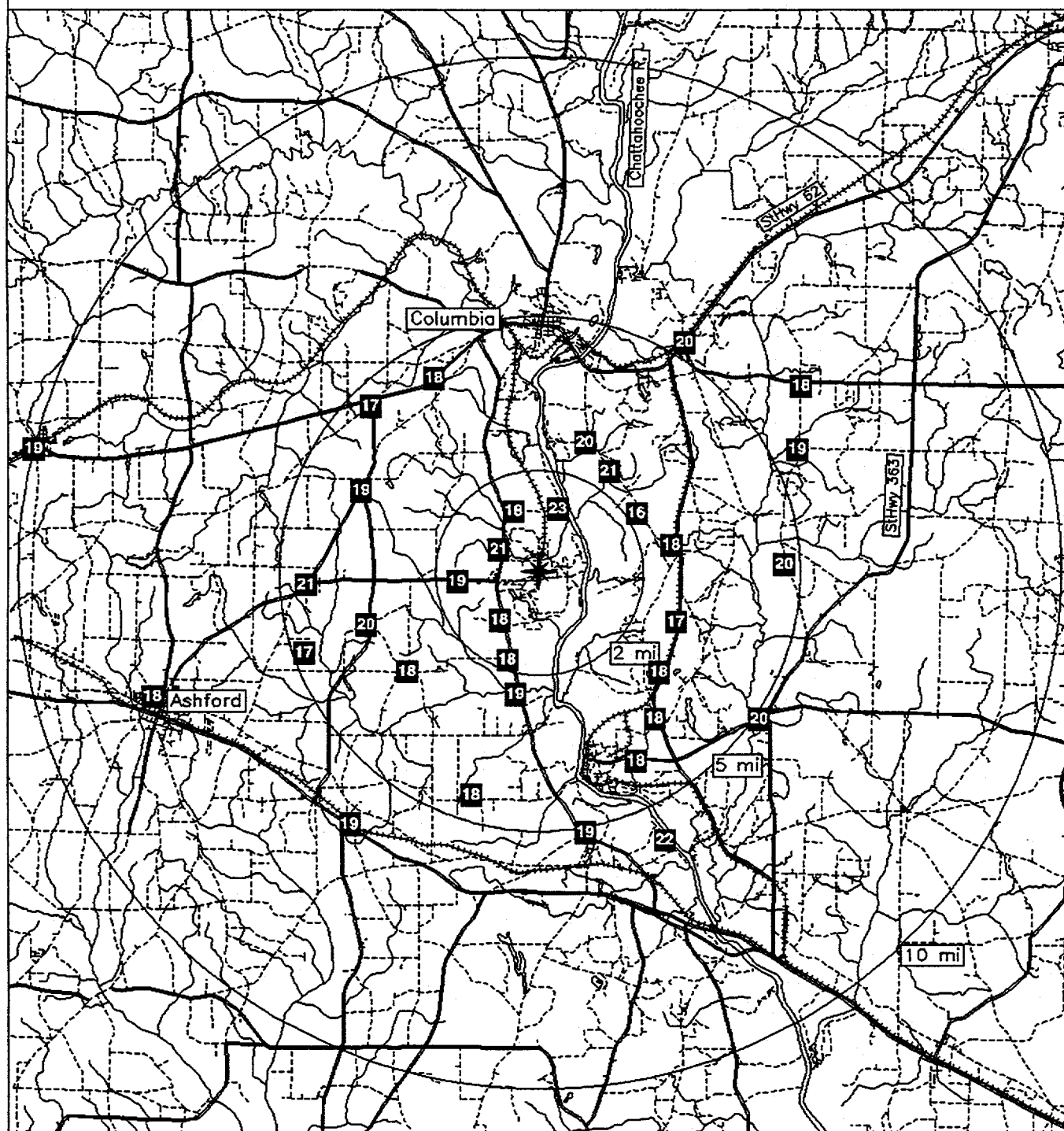
For the period 941205-950503

TLD Direct Radiation Environmental Monitoring

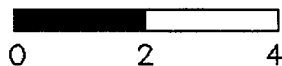
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	21.0 +- 2.0	3
33.76 - 56.25 NE	19.9 +- 2.3	2
56.26 - 78.75 ENE	17.8 +- 1.7	3
78.76 - 101.25 E	19.5 +- 0.0	1
101.26 - 123.75 ESE	17.2 +- 0.0	1
123.76 - 146.25 SE	18.4 +- 1.5	3
146.26 - 168.75 SSE	20.4 +- 2.7	2
168.76 - 191.25 S	19.4 +- 0.0	2
191.26 - 213.75 SSW	18.1 +- 0.2	2
213.76 - 236.25 SW	18.5 +- 0.9	3
236.26 - 258.75 WSW	18.7 +- 1.6	5
258.76 - 281.25 W	18.9 +- 1.6	3
281.26 - 303.75 WNW	19.9 +- 1.6	2
303.76 - 326.25 NW	18.4 +- 2.0	2
326.26 - 348.75 NNW	18.3 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.6 +- 1.8	9
2 - 5	18.5 +- 1.5	18
> 5	19.3 +- 1.5	9
Upwind Control	18.5 +- 2.3	3

NRC TLD DOSES FOR FARLEY AREA



Miles



Legend

— Highways

+ Railroads

--- Roads

★ Plant..site

FERMI

TLD Direct Radiation Environmental Monitoring

For the period 941203-950418 137 Days

Field Time: 94 Days

NRC Sta	Location		Gross		Net Exposure Rate				Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.				Net Exp Rate +-1 Std Dev	
1	38	2.1	17.6 +- 0.5; 2.6		11.7 +- 0.6; 3.9				13.2 +- 3.0	
2	22	2.3	20.6 +- 0.6; 3.1		14.6 +- 0.7; 4.2				14.9 +- 2.6	
3	350	1.8	26.5 +- 0.8; 4.0		20.3 +- 0.8; 4.9				20.0 +- 2.1	
4	345	1.9	22.6 +- 0.7; 3.4		16.6 +- 0.7; 4.4				16.0 +- 2.1	
5	346	1.4	22.1 +- 0.7; 3.3		16.1 +- 0.7; 4.4				17.0 +- 2.1	
6	310	1.3	22.2 +- 0.7; 3.3		16.2 +- 0.7; 4.4				17.0 +- 2.3	
7	298	1.4	21.8 +- 0.7; 3.3		15.8 +- 0.7; 4.4				16.8 +- 2.1	
8	277	1.6	23.0 +- 0.7; 3.5		17.0 +- 0.8; 4.5				17.0 +- 1.8	
9	238	1.0	19.4 +- 0.6; 2.9		13.5 +- 0.7; 4.1				15.4 +- 2.9	
10	225	1.5	20.6 +- 0.6; 3.1		14.6 +- 0.7; 4.2				14.2 +- 2.1	
11	193	0.8	21.9 +- 0.7; 3.3		15.9 +- 0.7; 4.4				16.6 +- 1.8	
12	183	0.9	24.1 +- 0.7; 3.6		18.0 +- 0.8; 4.6				16.6 +- 2.0	
13	175	0.8	22.2 +- 0.7; 3.3		16.2 +- 0.7; 4.4				16.2 +- 1.9	
14	260	1.7	25.2 +- 0.8; 3.8		19.1 +- 0.8; 4.7				18.5 +- 2.1	
15	245	2.5	21.1 +- 0.6; 3.2		15.2 +- 0.7; 4.3				15.4 +- 2.0	
16	236	5.0	24.2 +- 0.7; 3.6		18.1 +- 0.8; 4.6				18.9 +- 1.8	
17	225	6.8	19.9 +- 0.6; 3.0		14.0 +- 0.7; 4.2				13.4 +- 2.1	
18	250	7.8	20.1 +- 0.6; 3.0		14.2 +- 0.7; 4.2				13.3 +- 2.0	
19	277	6.0	18.2 +- 0.5; 2.7		12.4 +- 0.6; 4.0				14.0 +- 1.9	
20	297	6.0	21.5 +- 0.6; 3.2		15.5 +- 0.7; 4.3				15.9 +- 2.5	
21	320	3.8	21.9 +- 0.7; 3.3		15.9 +- 0.7; 4.4				15.9 +- 1.2	
22	340	4.7	23.8 +- 0.7; 3.6		17.7 +- 0.8; 4.6				17.5 +- 1.9	
23	358	4.3	24.5 +- 0.7; 3.7		18.4 +- 0.8; 4.6				18.0 +- 2.6	
24	23	5.0	24.6 +- 0.7; 3.7		18.5 +- 0.8; 4.7				19.0 +- 2.0	
25	25	7.0	19.6 +- 0.6; 2.9		13.7 +- 0.7; 4.1				13.9 +- 2.1	
26	0	7.0	20.4 +- 0.6; 3.1		14.5 +- 0.7; 4.2				14.6 +- 2.1	
27	342	8.0	23.1 +- 0.7; 3.5		17.1 +- 0.8; 4.5				16.0 +- 2.1	
28	320	9.5	20.7 +- 0.6; 3.1		14.8 +- 0.7; 4.2				14.9 +- 1.8	
29	290	11.0	21.5 +- 0.6; 3.2		15.5 +- 0.7; 4.3				17.3 +- 2.0	
30	270	11.0	22.5 +- 0.7; 3.4		16.5 +- 0.7; 4.4				18.2 +- 2.1	
31	245	10.0	19.8 +- 0.6; 3.0		13.9 +- 0.7; 4.2				15.2 +- 1.9	
32	220	11.0	21.0 +- 0.6; 3.2		15.1 +- 0.7; 4.3				16.0 +- 2.0	
33	270	15.0	20.2 +- 0.6; 3.0		14.2 +- 0.7; 4.2				14.5 +- 1.9	
34	270	15.0	20.3 +- 0.6; 3.1		14.4 +- 0.7; 4.2				14.8 +- 1.8	
35	290	16.0	22.5 +- 0.7; 3.4		16.5 +- 0.7; 4.4				15.8 +- 1.7	
36	350	0.8	19.1 +- 0.6; 2.9		13.2 +- 0.7; 4.1				14.9 +- 3.1	
37	330	0.7	21.5 +- 0.6; 3.2		15.5 +- 0.7; 4.3				15.8 +- 2.3	
38	310	0.7	23.8 +- 0.7; 3.6		17.8 +- 0.8; 4.6				15.5 +- 2.8	
39	23	10.0	21.0 +- 0.6; 3.2		15.0 +- 0.7; 4.3				17.0 +- 2.1	
40	0	9.0	22.4 +- 0.7; 3.4		16.4 +- 0.7; 4.4				18.0 +- 2.0	
41	348	9.0	19.5 +- 0.6; 2.9		13.6 +- 0.7; 4.1				14.0 +- 2.2	

Transit Dose = 5.3 +- 0.4; 3.2

FERMI

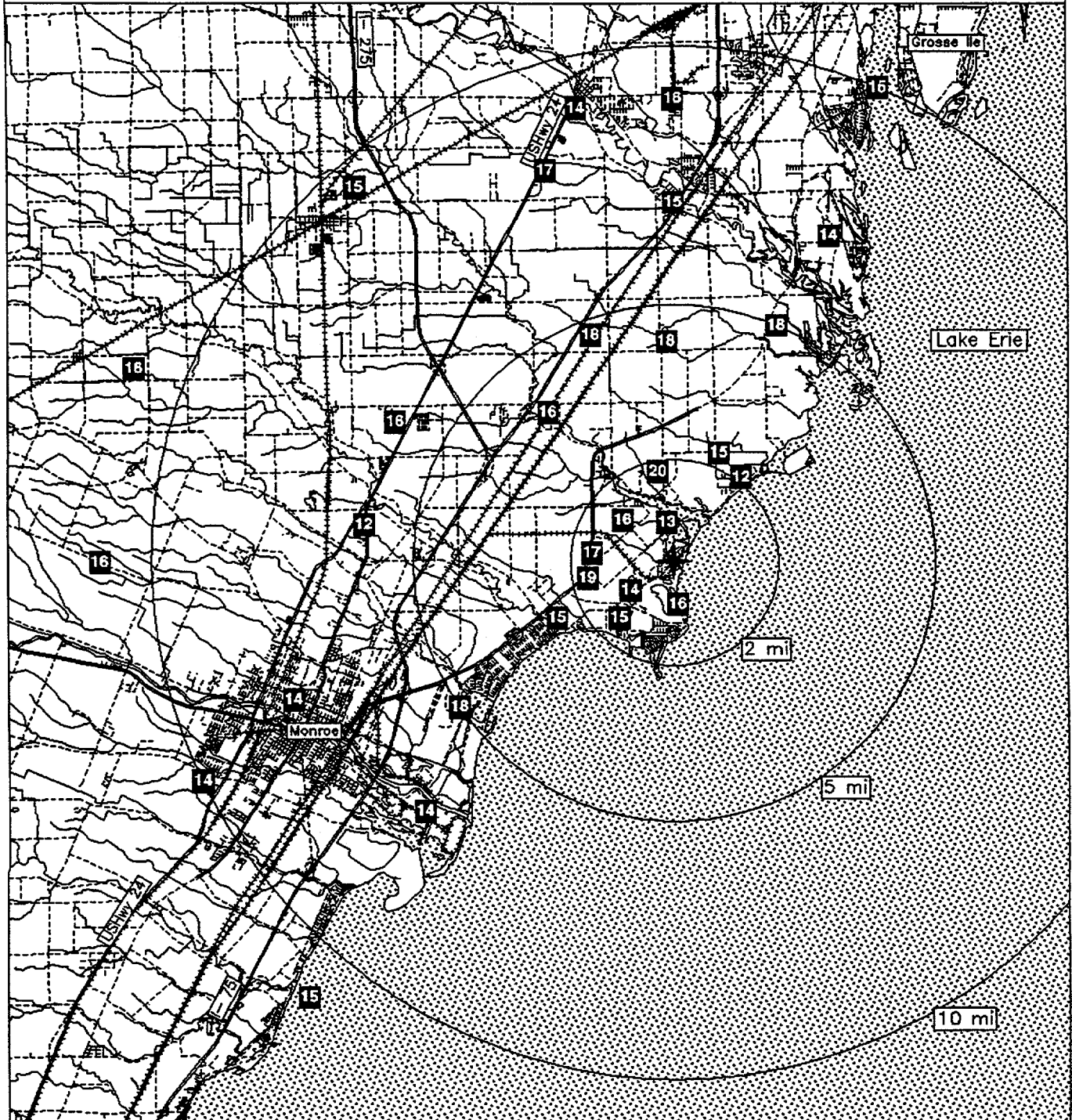
For the period 941203-950418

TLD Direct Radiation Environmental Monitoring

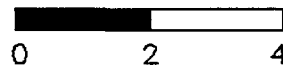
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.5 +- 2.9	5
11.26 - 33.75 NNE	15.5 +- 2.1	4
33.76 - 56.25 NE	11.7 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	17.1 +- 1.3	2
191.26 - 213.75 SSW	15.9 +- 0.0	1
213.76 - 236.25 SW	15.4 +- 1.8	4
236.26 - 258.75 WSW	14.2 +- 0.7	4
258.76 - 281.25 W	16.2 +- 2.8	4
281.26 - 303.75 WNW	15.6 +- 0.2	3
303.76 - 326.25 NW	16.2 +- 1.2	4
326.26 - 348.75 NNW	16.1 +- 1.4	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.4 +- 1.9	15
2 - 5	16.3 +- 2.4	8
> 5	14.8 +- 1.3	15
Upwind Control	15.0 +- 1.2	3

NRC TLD DOSES FOR FERMI AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

FITZPATRICK/ NINE MI

TLD Direct Radiation Environmental Monitoring

For the period 941207-950418 133 Days

Field Time: 78 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	230 6.9	19.2 +- 0.6; 2.9	15.0 +- 0.8; 4.6	14.7 +- 1.4
2	184 14.0	20.5 +- 0.6; 3.1	16.6 +- 0.8; 4.8	15.7 +- 1.4
3	122 8.4	17.9 +- 0.5; 2.7	13.6 +- 0.8; 4.5	14.3 +- 1.6
4	76 11.0	20.3 +- 0.6; 3.1	16.4 +- 0.8; 4.8	14.9 +- 1.1
5	91 6.8	19.6 +- 0.6; 2.9	15.5 +- 0.8; 4.7	15.4 +- 1.6
6	112 4.3	20.0 +- 0.6; 3.0	16.0 +- 0.8; 4.7	15.0 +- 1.2
7	138 4.3	19.0 +- 0.6; 2.8	14.9 +- 0.8; 4.6	15.0 +- 1.3
8	152 3.6	18.9 +- 0.6; 2.8	14.7 +- 0.8; 4.6	14.9 +- 1.5
9	183 3.9	19.3 +- 0.6; 2.9	15.2 +- 0.8; 4.6	15.3 +- 1.1
10	205 4.5	Missing Dosimeter	No Net Data	14.2 +- 1.5
11	220 4.4	20.2 +- 0.6; 3.0	16.2 +- 0.8; 4.8	15.3 +- 1.2
12	230 6.1	19.4 +- 0.6; 2.9	15.3 +- 0.8; 4.7	15.5 +- 1.3
13	245 1.8	20.3 +- 0.6; 3.0	16.4 +- 0.8; 4.8	15.1 +- 1.3
14	223 1.8	20.3 +- 0.6; 3.0	16.3 +- 0.8; 4.8	14.6 +- 1.4
15	204 2.0	19.0 +- 0.6; 2.8	14.8 +- 0.8; 4.6	14.6 +- 1.5
16	181 1.8	18.9 +- 0.6; 2.8	14.8 +- 0.8; 4.6	14.8 +- 1.2
17	157 1.9	17.9 +- 0.5; 2.7	13.6 +- 0.8; 4.5	14.9 +- 1.3
18	137 1.6	19.0 +- 0.6; 2.9	14.9 +- 0.8; 4.6	14.6 +- 1.2
19	115 1.2	18.9 +- 0.6; 2.8	14.7 +- 0.8; 4.6	14.8 +- 1.6
20	92 1.1	18.7 +- 0.6; 2.8	14.5 +- 0.8; 4.6	15.3 +- 1.4
21	229 20.0	18.6 +- 0.6; 2.8	14.4 +- 0.8; 4.6	14.7 +- 1.4
22	229 20.0	18.9 +- 0.6; 2.8	14.7 +- 0.8; 4.6	14.4 +- 1.2
23	229 20.0	19.1 +- 0.6; 2.9	15.0 +- 0.8; 4.6	14.6 +- 1.2
24	196 8.0	18.0 +- 0.5; 2.7	13.7 +- 0.8; 4.5	14.4 +- 1.7
25	168 7.2	18.8 +- 0.6; 2.8	14.6 +- 0.8; 4.6	14.3 +- 1.2
26	152 0.6	19.5 +- 0.6; 2.9	15.4 +- 0.8; 4.7	16.0 +- 1.2

Transit Dose = 6.1 +- 0.4; 2.8

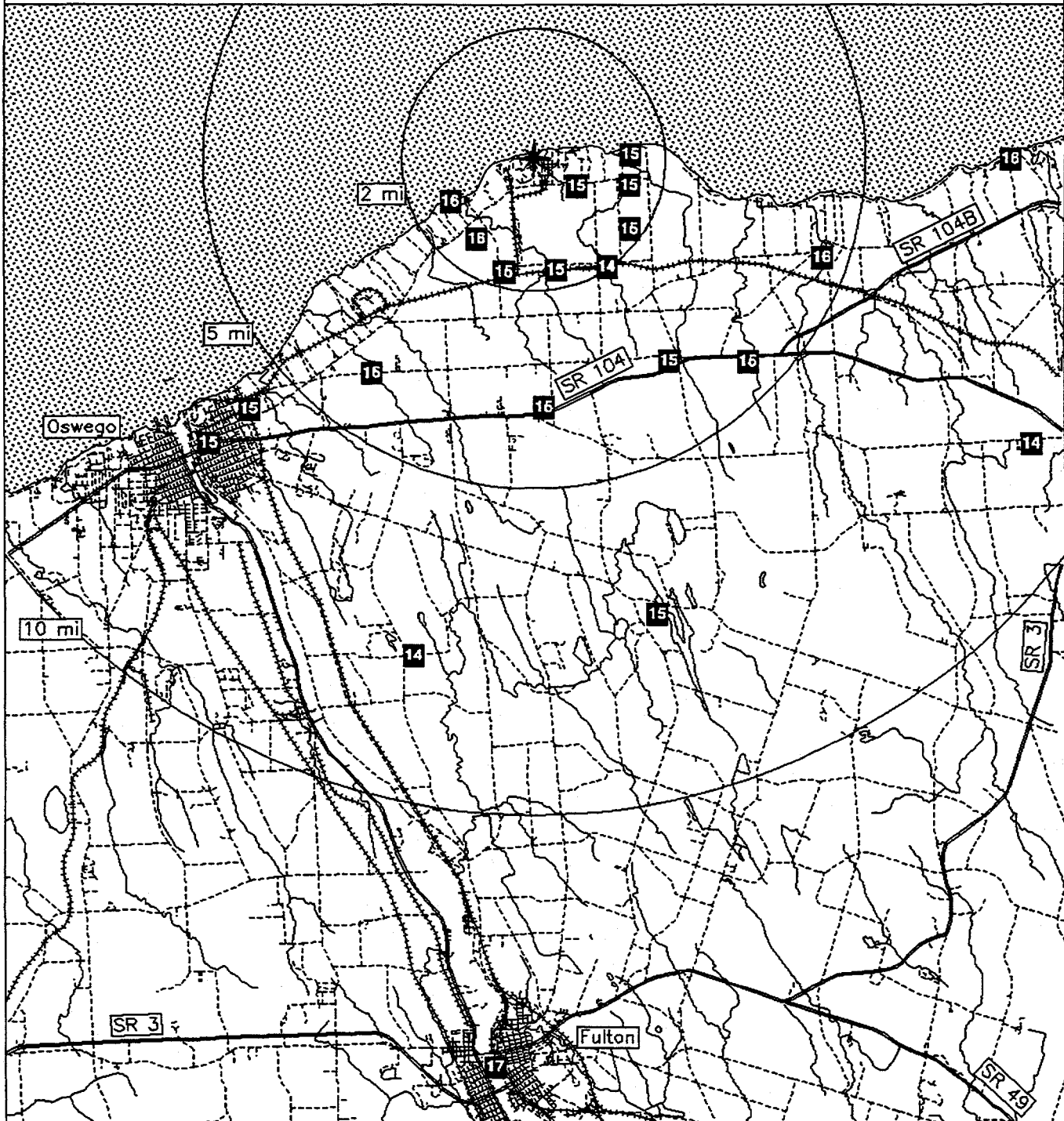
FITZPATRICK/ NINE MI
For the period 941207-950418

TLD Direct Radiation Environmental Monitoring

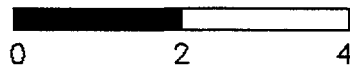
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	16.4 +- 0.0	1
78.76 - 101.25 E	15.0 +- 0.7	2
101.26 - 123.75 ESE	14.8 +- 1.2	3
123.76 - 146.25 SE	14.9 +- 0.0	2
146.26 - 168.75 SSE	14.6 +- 0.8	4
168.76 - 191.25 S	15.5 +- 0.9	3
191.26 - 213.75 SSW	14.3 +- 0.8	2
213.76 - 236.25 SW	15.7 +- 0.6	4
236.26 - 258.75 WSW	16.4 +- 0.0	1
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.1 +- 0.9	9
2 - 5	15.4 +- 0.7	5
> 5	15.1 +- 1.1	8
Upwind Control	14.7 +- 0.3	3

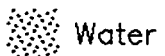
NRC TLD DOSES FOR FITZPATRICK & NINE MILE PT AREA



Miles



Legend



Water

--- Railroads



Plant site

— Highways

--- Roads

FORT CALHOUN

TLD Direct Radiation Environmental Monitoring

For the period 941203-950503 152 Days

Field Time: 98 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	358	2.0	27.4 +- 0.8; 4.1		18.1 +- 0.9; 5.0		18.6 +- 1.4	
2	351	4.6	28.3 +- 0.8; 4.2		18.8 +- 0.9; 5.1		19.2 +- 1.6	
3	30	2.5	27.2 +- 0.8; 4.1		17.9 +- 0.9; 5.0		19.1 +- 1.7	
4	27	4.6	29.0 +- 0.9; 4.3		19.5 +- 0.9; 5.1		19.9 +- 1.6	
5	53	1.9	27.3 +- 0.8; 4.1		17.9 +- 0.9; 5.0		18.8 +- 1.7	
6	37	3.9	27.9 +- 0.8; 4.2		18.5 +- 0.9; 5.0		19.7 +- 1.6	
7	76	2.3	28.4 +- 0.9; 4.3		19.0 +- 0.9; 5.1		20.0 +- 1.8	
8	59	5.2	27.0 +- 0.8; 4.0		17.7 +- 0.9; 4.9		19.0 +- 1.8	
9	100	2.3	25.8 +- 0.8; 3.9		16.6 +- 0.8; 4.8		17.4 +- 1.7	
10	88	5.6	28.7 +- 0.9; 4.3		19.3 +- 0.9; 5.1		19.7 +- 1.6	
11	122	2.3	28.9 +- 0.9; 4.3		19.5 +- 0.9; 5.1		19.6 +- 1.7	
12	105	5.7	27.7 +- 0.8; 4.2		18.3 +- 0.9; 5.0		18.9 +- 1.6	
13	145	1.9	28.2 +- 0.8; 4.2		18.8 +- 0.9; 5.1		20.0 +- 1.6	
14	128	5.5	27.8 +- 0.8; 4.2		18.4 +- 0.9; 5.0		19.5 +- 1.6	
15	157	1.9	29.9 +- 0.9; 4.5		20.3 +- 0.9; 5.2		20.5 +- 1.5	
16	150	4.9	29.0 +- 0.9; 4.4		19.5 +- 0.9; 5.1		19.9 +- 1.5	
17	173	0.5	26.7 +- 0.8; 4.0		17.4 +- 0.9; 4.9		19.5 +- 1.9	
18	173	5.3	28.8 +- 0.9; 4.3		19.3 +- 0.9; 5.1		20.6 +- 1.6	
19	212	2.5	32.1 +- 1.0; 4.8		22.3 +- 1.0; 5.5		22.3 +- 1.8	
20	204	5.3	30.0 +- 0.9; 4.5		20.4 +- 0.9; 5.2		21.0 +- 1.6	
21	233	2.0	28.3 +- 0.8; 4.2		18.9 +- 0.9; 5.1		21.0 +- 1.7	
22	224	4.6	30.3 +- 0.9; 4.5		20.7 +- 0.9; 5.3		21.3 +- 1.6	
23	239	0.6	29.2 +- 0.9; 4.4		19.7 +- 0.9; 5.2		19.8 +- 1.8	
24	243	6.9	26.2 +- 0.8; 3.9		17.0 +- 0.8; 4.8		18.0 +- 1.6	
25	269	3.3	30.4 +- 0.9; 4.6		20.8 +- 0.9; 5.3		21.5 +- 1.9	
26	262	5.9	31.7 +- 0.9; 4.7		22.0 +- 1.0; 5.4		21.8 +- 1.5	
27	350	3.0	26.2 +- 0.8; 3.9		17.0 +- 0.8; 4.8		18.1 +- 1.9	
28	292	5.0	29.2 +- 0.9; 4.4		19.7 +- 0.9; 5.2		20.0 +- 1.5	
29	311	2.4	29.0 +- 0.9; 4.3		19.5 +- 0.9; 5.1		20.2 +- 1.7	
30	310	5.5	29.4 +- 0.9; 4.4		19.8 +- 0.9; 5.2		20.7 +- 1.4	
31	340	2.3	27.7 +- 0.8; 4.2		18.3 +- 0.9; 5.0		19.0 +- 1.4	
32	338	5.3	29.7 +- 0.9; 4.5		20.2 +- 0.9; 5.2		19.9 +- 1.7	
33	182	0.5	28.0 +- 0.8; 4.2		18.7 +- 0.9; 5.0		20.1 +- 2.0	
35	127	2.2	26.5 +- 0.8; 4.0		17.2 +- 0.8; 4.9		18.5 +- 1.4	
39	150	5.0	27.9 +- 0.8; 4.2		18.5 +- 0.9; 5.0		18.4 +- 1.7	
40	73	9.5	Missing Dosimeter		No Net Data		20.0 +- 1.6	
43	29	8.0	26.9 +- 0.8; 4.0		17.6 +- 0.9; 4.9		18.4 +- 1.4	
44	65	3.5	26.0 +- 0.8; 3.9		16.8 +- 0.8; 4.8		17.6 +- 1.6	
45	182	4.2	29.5 +- 0.9; 4.4		20.0 +- 0.9; 5.2		20.3 +- 1.5	
47	298	4.5	28.2 +- 0.8; 4.2		18.8 +- 0.9; 5.1		19.3 +- 1.4	
48	13	14.0	28.7 +- 0.9; 4.3		19.3 +- 0.9; 5.1		19.5 +- 1.4	
49	207	18.0	28.8 +- 0.9; 4.3		19.3 +- 0.9; 5.1		20.5 +- 1.8	

Transit Dose = 7.7 +- 0.5; 3.5

FORT CALHOUN

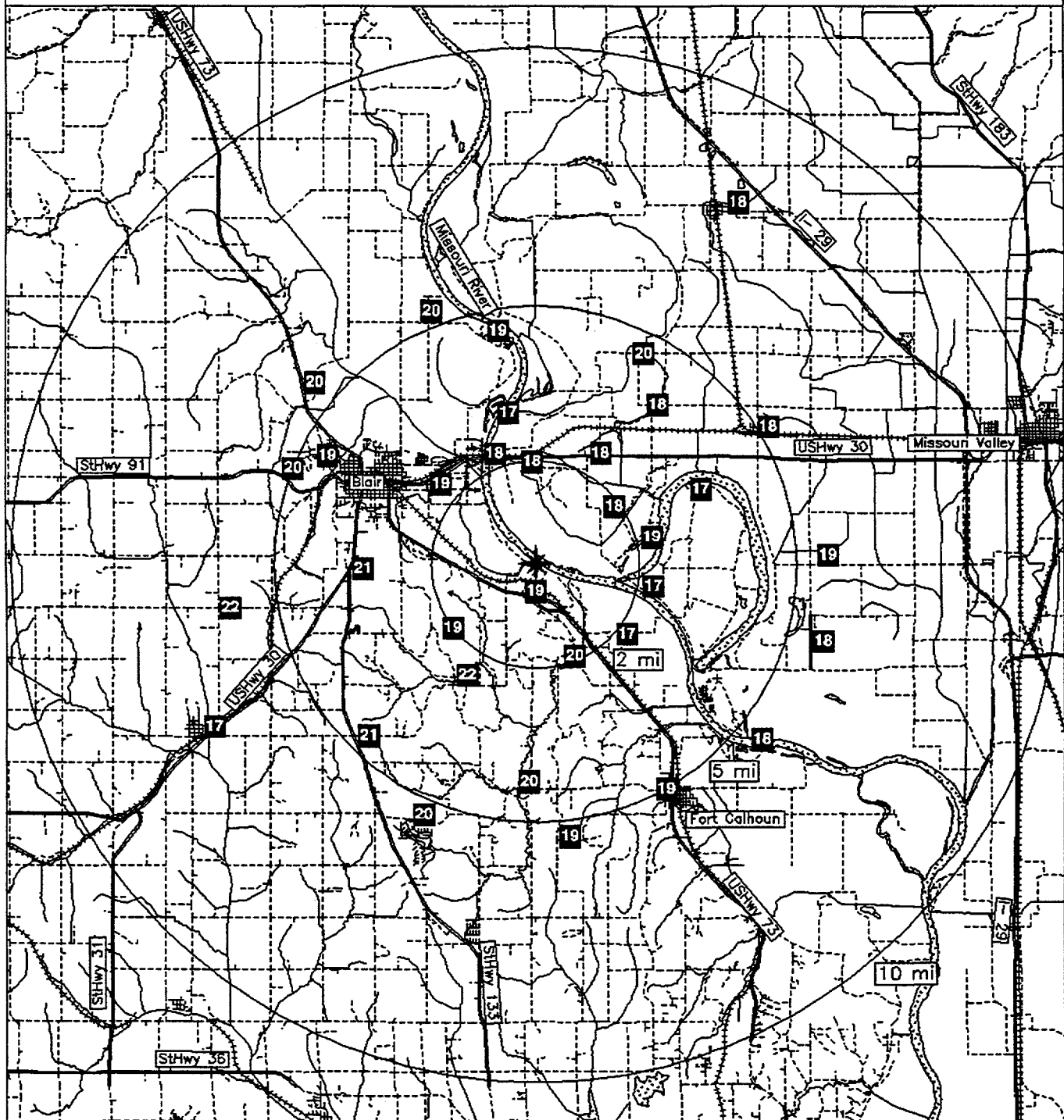
For the period 941203-950503

TLD Direct Radiation Environmental Monitoring

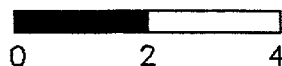
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.0 +- 0.9	3
11.26 - 33.75 NNE	18.3 +- 1.0	3
33.76 - 56.25 NE	18.2 +- 0.4	2
56.26 - 78.75 ENE	17.8 +- 1.1	3
78.76 - 101.25 E	17.9 +- 1.9	2
101.26 - 123.75 ESE	18.9 +- 0.8	2
123.76 - 146.25 SE	18.1 +- 0.8	3
146.26 - 168.75 SSE	19.5 +- 0.9	3
168.76 - 191.25 S	18.8 +- 1.1	4
191.26 - 213.75 SSW	21.4 +- 1.4	2
213.76 - 236.25 SW	19.8 +- 1.3	2
236.26 - 258.75 WSW	18.3 +- 1.9	2
258.76 - 281.25 W	21.4 +- 0.8	2
281.26 - 303.75 WNW	19.2 +- 0.7	2
303.76 - 326.25 NW	19.7 +- 0.3	2
326.26 - 348.75 NNW	19.3 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 0.9	8
2 - 5	18.9 +- 1.5	20
> 5	19.1 +- 1.5	11
Upwind Control	19.3 +- 0.0	2

NRC TLD DOSES FOR FORT CALHOUN AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



★ Plant..site

FORT ST. VRAIN

TLD Direct Radiation Environmental Monitoring

For the period 941203-950410 129 Days

Field Time: 94 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	8	0.8	40.6 +- 1.2; 6.1		32.8 +- 1.2; 6.6		29.6 +- 2.3	
2	2	3.3	42.0 +- 1.3; 6.3		34.2 +- 1.3; 6.8		28.9 +- 2.3	
3	29	2.6	40.3 +- 1.2; 6.0		32.6 +- 1.2; 6.6		29.2 +- 2.2	
4	17	5.4	40.2 +- 1.2; 6.0		32.5 +- 1.2; 6.6		29.4 +- 2.2	
5	54	2.1	41.2 +- 1.2; 6.2		33.4 +- 1.2; 6.7		28.2 +- 2.6	
6	48	4.8	41.4 +- 1.2; 6.2		33.6 +- 1.3; 6.7		30.2 +- 1.8	
7	76	2.6	44.0 +- 1.3; 6.6		36.1 +- 1.3; 7.0		31.0 +- 2.2	
8	58	4.2	43.8 +- 1.3; 6.6		35.9 +- 1.3; 7.0		29.8 +- 1.8	
9	100	1.5	40.0 +- 1.2; 6.0		32.3 +- 1.2; 6.5		30.2 +- 2.2	
10	87	4.5	Damaged Dosimeter		No Net Data		28.7 +- 2.2	
11	118	1.6	44.1 +- 1.3; 6.6		36.2 +- 1.3; 7.1		32.4 +- 2.3	
12	104	3.0	43.4 +- 1.3; 6.5		35.6 +- 1.3; 7.0		31.8 +- 2.1	
13	143	1.6	42.4 +- 1.3; 6.4		34.6 +- 1.3; 6.8		30.4 +- 2.3	
14	128	4.5	41.5 +- 1.2; 6.2		33.7 +- 1.3; 6.7		30.1 +- 1.8	
15	168	2.3	40.8 +- 1.2; 6.1		33.1 +- 1.2; 6.6		27.9 +- 1.9	
16	148	4.6	38.6 +- 1.2; 5.8		31.0 +- 1.2; 6.4		28.1 +- 1.9	
17	182	0.8	45.1 +- 1.4; 6.8		37.2 +- 1.4; 7.2		29.7 +- 2.0	
18	175	4.8	41.6 +- 1.2; 6.2		33.9 +- 1.3; 6.7		30.1 +- 2.3	
19	210	0.9	40.7 +- 1.2; 6.1		33.0 +- 1.2; 6.6		30.5 +- 1.8	
20	200	2.9	42.6 +- 1.3; 6.4		34.8 +- 1.3; 6.9		30.1 +- 2.5	
21	234	1.3	42.9 +- 1.3; 6.4		35.1 +- 1.3; 6.9		30.9 +- 2.1	
22	216	3.3	39.5 +- 1.2; 5.9		31.8 +- 1.2; 6.5		28.3 +- 2.2	
23	254	2.5	39.3 +- 1.2; 5.9		31.6 +- 1.2; 6.4		28.7 +- 2.2	
24	244	3.8	41.0 +- 1.2; 6.2		33.3 +- 1.2; 6.7		28.8 +- 2.0	
25	278	1.5	39.2 +- 1.2; 5.9		31.5 +- 1.2; 6.4		28.0 +- 2.0	
26	263	5.4	42.6 +- 1.3; 6.4		34.7 +- 1.3; 6.9		29.2 +- 2.5	
27	297	1.7	Damaged Dosimeter		No Net Data		27.9 +- 2.2	
28	284	5.6	40.1 +- 1.2; 6.0		32.4 +- 1.2; 6.5		28.8 +- 1.9	
29	317	0.9	39.0 +- 1.2; 5.9		31.4 +- 1.2; 6.4		28.2 +- 2.4	
30	305	4.2	37.4 +- 1.1; 5.6		29.8 +- 1.1; 6.2		26.6 +- 2.2	
31	338	1.4	40.6 +- 1.2; 6.1		32.8 +- 1.2; 6.6		28.3 +- 2.1	
32	330	5.0	36.7 +- 1.1; 5.5		29.1 +- 1.1; 6.1		25.8 +- 2.2	
33	267	6.5	36.2 +- 1.1; 5.4		28.7 +- 1.1; 6.1		28.8 +- 3.0	
34	130	3.7	38.0 +- 1.1; 5.7		30.4 +- 1.2; 6.3		28.4 +- 2.1	
35	270	0.1	39.9 +- 1.2; 6.0		32.2 +- 1.2; 6.5		27.9 +- 1.8	
38	345	6.7	42.4 +- 1.3; 6.4		34.6 +- 1.3; 6.8		30.0 +- 2.1	
39	10	6.0	39.7 +- 1.2; 6.0		32.0 +- 1.2; 6.5		28.2 +- 2.3	
40	63	6.0	38.2 +- 1.1; 5.7		30.6 +- 1.2; 6.3		28.0 +- 2.1	
41	165	12.0	42.7 +- 1.3; 6.4		34.9 +- 1.3; 6.9		31.4 +- 2.0	
42	248	13.0	44.7 +- 1.3; 6.7		36.8 +- 1.3; 7.1		32.9 +- 2.8	
45	198	11.0	39.9 +- 1.2; 6.0		32.2 +- 1.2; 6.5		29.6 +- 2.1	
46	39	16.0	37.4 +- 1.1; 5.6		29.8 +- 1.1; 6.2		27.2 +- 2.2	
47	357	17.0	37.4 +- 1.1; 5.6		29.8 +- 1.1; 6.2		26.3 +- 2.1	
48	171	18.0	42.9 +- 1.3; 6.4		35.1 +- 1.3; 6.9		30.0 +- 2.4	
49	360	0.5	42.2 +- 1.3; 6.3		34.4 +- 1.3; 6.8		31.5 +- 2.1	

Transit Dose = 6.3 +- 0.4; 3.3

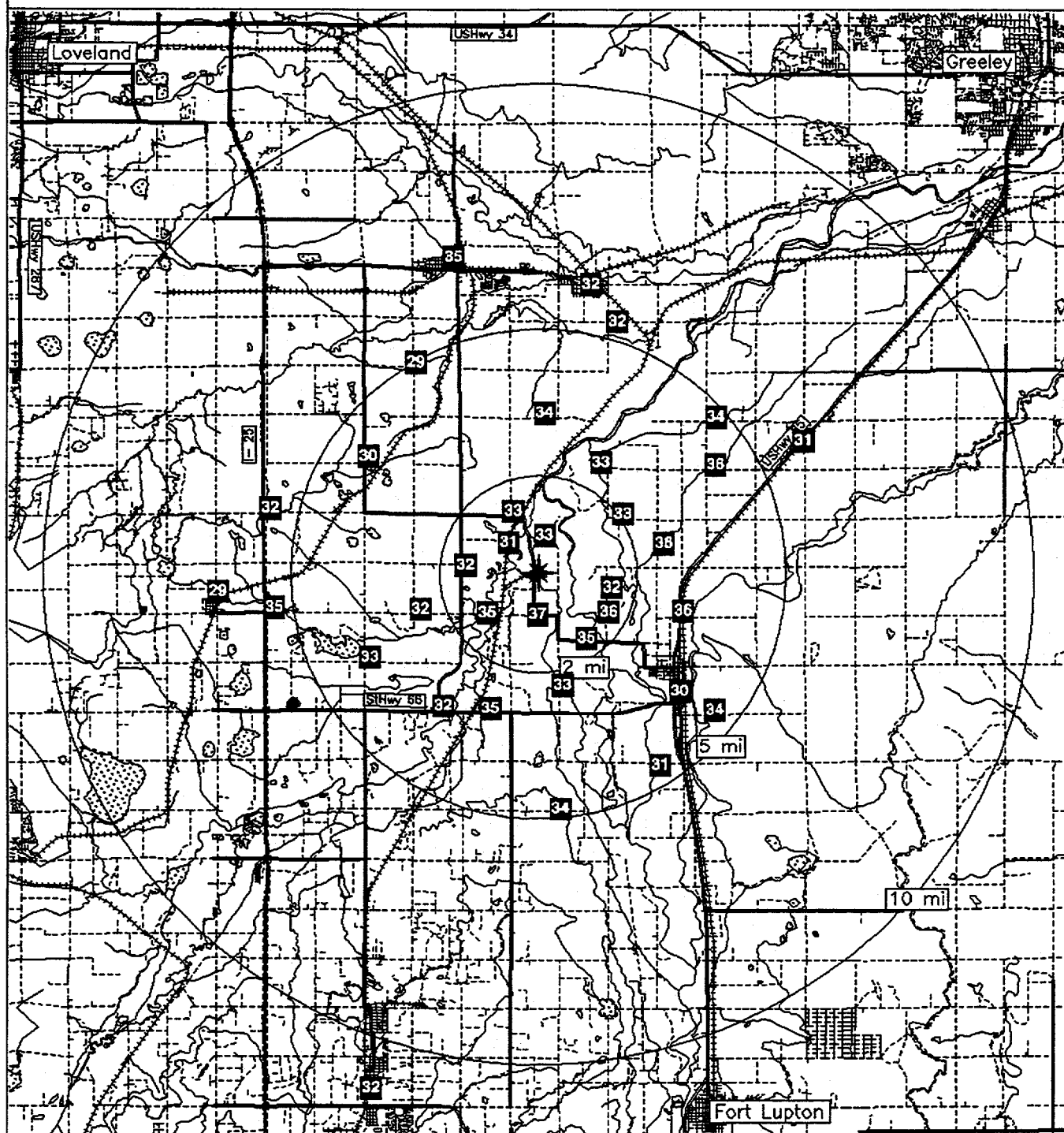
FORT ST. VRAIN
For the period 941203-950410

TLD Direct Radiation Environmental Monitoring

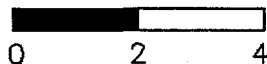
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	33.0 +- 1.1	3
11.26 - 33.75 NNE	32.5 +- 0.1	2
33.76 - 56.25 NE	32.3 +- 2.2	3
56.26 - 78.75 ENE	34.2 +- 3.1	3
78.76 - 101.25 E	32.3 +- 0.0	1
101.26 - 123.75 ESE	35.9 +- 0.5	2
123.76 - 146.25 SE	32.9 +- 2.2	3
146.26 - 168.75 SSE	33.0 +- 2.0	3
168.76 - 191.25 S	35.5 +- 2.3	2
191.26 - 213.75 SSW	33.3 +- 1.4	3
213.76 - 236.25 SW	33.5 +- 2.4	2
236.26 - 258.75 WSW	33.9 +- 2.7	3
258.76 - 281.25 W	31.8 +- 2.5	4
281.26 - 303.75 WNW	32.4 +- 0.0	1
303.76 - 326.25 NW	30.6 +- 1.1	2
326.26 - 348.75 NNW	32.2 +- 2.8	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	33.6 +- 1.9	11
2 - 5	33.0 +- 2.1	18
> 5	32.7 +- 2.4	11
Upwind Control	33.1 +- 2.8	3

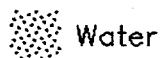
NRC TLD DOSES FOR FORT ST. VRAIN AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant site

TLD data

GINNA

TLD Direct Radiation Environmental Monitoring

For the period 941207-950418 133 Days

Field Time: 79 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	95 1.7	18.8 +- 0.6; 2.8	14.5 +- 0.8; 4.5	14.7 +- 1.0
2	108 1.1	18.1 +- 0.5; 2.7	13.7 +- 0.8; 4.5	14.4 +- 1.1
3	142 1.7	17.9 +- 0.5; 2.7	13.5 +- 0.7; 4.4	14.4 +- 1.4
4	154 1.5	Damaged Dosimeter	No Net Data	15.0 +- 1.6
5	174 1.4	20.8 +- 0.6; 3.1	16.8 +- 0.8; 4.8	15.3 +- 1.6
6	212 1.6	18.4 +- 0.6; 2.8	14.0 +- 0.8; 4.5	14.1 +- 1.3
7	244 0.9	18.7 +- 0.6; 2.8	14.4 +- 0.8; 4.5	14.0 +- 1.4
8	230 0.6	17.9 +- 0.5; 2.7	13.5 +- 0.7; 4.4	14.9 +- 1.7
10	266 1.5	18.7 +- 0.6; 2.8	14.4 +- 0.8; 4.5	14.5 +- 1.2
11	264 4.6	19.8 +- 0.6; 3.0	15.6 +- 0.8; 4.7	15.9 +- 1.0
12	245 3.8	20.0 +- 0.6; 3.0	15.9 +- 0.8; 4.7	14.5 +- 1.6
13	235 4.2	18.3 +- 0.5; 2.7	14.0 +- 0.8; 4.5	13.8 +- 1.3
14	200 3.8	18.1 +- 0.5; 2.7	13.8 +- 0.8; 4.5	13.5 +- 1.6
15	178 3.4	19.4 +- 0.6; 2.9	15.2 +- 0.8; 4.6	14.8 +- 1.2
16	160 3.7	17.1 +- 0.5; 2.6	12.6 +- 0.7; 4.3	13.6 +- 1.6
17	134 3.8	Damaged Dosimeter	No Net Data	13.5 +- 1.3
18	115 4.3	18.8 +- 0.6; 2.8	14.5 +- 0.8; 4.5	14.5 +- 1.5
19	88 4.0	17.1 +- 0.5; 2.6	12.6 +- 0.7; 4.3	13.7 +- 1.6
20	90 6.2	17.5 +- 0.5; 2.6	13.0 +- 0.7; 4.4	13.2 +- 1.3
21	123 7.6	16.7 +- 0.5; 2.5	12.1 +- 0.7; 4.3	13.1 +- 1.3
22	151 11.0	18.1 +- 0.5; 2.7	13.7 +- 0.8; 4.5	13.6 +- 1.1
23	105 12.0	18.1 +- 0.5; 2.7	13.7 +- 0.8; 4.5	14.2 +- 1.5
24	212 14.0	21.8 +- 0.7; 3.3	17.9 +- 0.9; 4.9	18.1 +- 1.3
25	223 13.0	18.0 +- 0.5; 2.7	13.6 +- 0.8; 4.4	13.8 +- 1.5
26	242 16.0	20.6 +- 0.6; 3.1	16.5 +- 0.8; 4.8	15.8 +- 1.4
27	254 14.0	20.1 +- 0.6; 3.0	15.9 +- 0.8; 4.7	15.6 +- 1.6
28	234 6.9	19.4 +- 0.6; 2.9	15.2 +- 0.8; 4.6	14.1 +- 0.9
29	185 0.3	21.6 +- 0.6; 3.2	17.7 +- 0.9; 4.9	15.5 +- 0.9
30	264 15.0	17.9 +- 0.5; 2.7	13.5 +- 0.7; 4.4	13.8 +- 1.7

Transit Dose = 6.1 +- 0.4; 2.8

GINNA

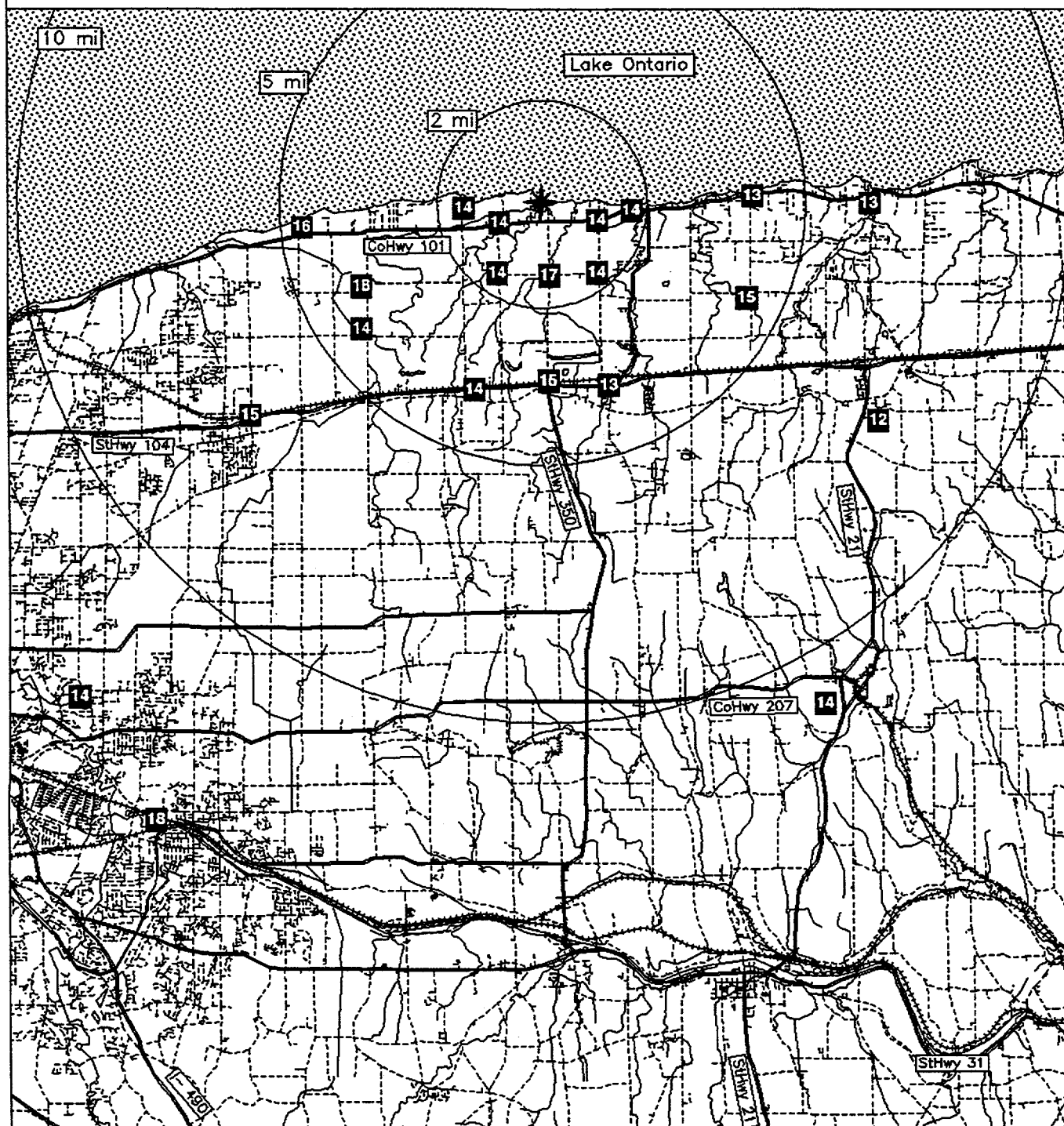
For the period 941207-950418

TLD Direct Radiation Environmental Monitoring

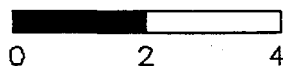
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	13.4 +- 1.0	3
101.26 - 123.75 ESE	13.5 +- 1.0	4
123.76 - 146.25 SE	13.5 +- 0.0	1
146.26 - 168.75 SSE	13.1 +- 0.7	2
168.76 - 191.25 S	16.6 +- 1.3	3
191.26 - 213.75 SSW	15.2 +- 2.3	3
213.76 - 236.25 SW	14.1 +- 0.8	4
236.26 - 258.75 WSW	15.1 +- 1.1	2
258.76 - 281.25 W	15.0 +- 0.9	2
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.7 +- 1.5	9
2 - 5	14.3 +- 1.3	8
> 5	14.2 +- 1.9	7
Upwind Control	15.3 +- 1.6	3

NRC TLD DOSES FOR GINNA AREA



Miles



Legend



Water



Railroads



Plant..site



Highways



Roads

GRAND GULF

TLD Direct Radiation Environmental Monitoring

For the period 941205-950410 127 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	337 2.0	17.7 +- 0.5; 2.7	15.0 +- 0.6; 3.8	16.3 +- 2.1
2	351 1.6	18.4 +- 0.6; 2.8	15.7 +- 0.6; 3.9	15.1 +- 1.1
3	20 1.5	21.3 +- 0.6; 3.2	18.6 +- 0.7; 4.2	17.5 +- 1.4
4	51 2.3	20.9 +- 0.6; 3.1	18.2 +- 0.7; 4.2	16.7 +- 1.3
5	68 2.7	21.3 +- 0.6; 3.2	18.6 +- 0.7; 4.2	17.8 +- 1.8
6	47 4.1	18.8 +- 0.6; 2.8	16.1 +- 0.6; 4.0	15.9 +- 1.4
7	68 4.9	20.6 +- 0.6; 3.1	17.9 +- 0.7; 4.2	19.0 +- 1.3
8	91 3.2	22.5 +- 0.7; 3.4	19.8 +- 0.7; 4.4	19.0 +- 1.3
9	81 1.0	20.3 +- 0.6; 3.1	17.6 +- 0.7; 4.1	17.4 +- 1.4
10	109 0.6	22.1 +- 0.7; 3.3	19.3 +- 0.7; 4.3	19.0 +- 1.1
11	139 0.8	22.8 +- 0.7; 3.4	20.0 +- 0.7; 4.4	19.0 +- 1.3
12	185 1.6	21.3 +- 0.6; 3.2	18.6 +- 0.7; 4.2	17.9 +- 1.2
13	207 1.9	22.3 +- 0.7; 3.3	19.6 +- 0.7; 4.3	19.0 +- 1.2
14	247 1.5	21.2 +- 0.6; 3.2	18.4 +- 0.7; 4.2	18.5 +- 5.4
15	130 4.2	21.1 +- 0.6; 3.2	18.4 +- 0.7; 4.2	18.4 +- 1.2
16	122 4.8	19.9 +- 0.6; 3.0	17.2 +- 0.7; 4.1	18.1 +- 1.4
17	135 5.3	Damaged Dosimeter	No Net Data	17.1 +- 1.1
18	147 4.3	17.6 +- 0.5; 2.6	14.9 +- 0.6; 3.8	15.4 +- 1.1
19	224 6.8	21.7 +- 0.7; 3.3	19.0 +- 0.7; 4.3	18.5 +- 1.3
20	172 3.6	18.7 +- 0.6; 2.8	16.0 +- 0.6; 4.0	16.5 +- 1.1
21	291 12.0	19.6 +- 0.6; 2.9	16.9 +- 0.7; 4.0	16.8 +- 1.1
22	332 8.0	21.9 +- 0.7; 3.3	19.2 +- 0.7; 4.3	19.3 +- 1.5
23	310 7.9	16.7 +- 0.5; 2.5	14.0 +- 0.6; 3.7	15.7 +- 2.6
24	281 7.0	18.9 +- 0.6; 2.8	16.2 +- 0.6; 4.0	16.5 +- 1.2
25	291 4.8	20.8 +- 0.6; 3.1	18.1 +- 0.7; 4.2	18.1 +- 1.3
26	248 9.5	18.9 +- 0.6; 2.8	16.2 +- 0.6; 4.0	16.7 +- 1.2
27	239 13.0	19.0 +- 0.6; 2.9	16.3 +- 0.6; 4.0	16.1 +- 1.3
29	90 0.9	20.3 +- 0.6; 3.0	17.6 +- 0.7; 4.1	17.6 +- 1.2
30	67 51.0	16.0 +- 0.5; 2.4	13.3 +- 0.6; 3.7	13.9 +- 1.5
31	67 51.0	18.1 +- 0.5; 2.7	15.4 +- 0.6; 3.9	14.4 +- 1.6
32	67 51.0	17.4 +- 0.5; 2.6	14.7 +- 0.6; 3.8	13.8 +- 1.6
33	206 4.8	20.4 +- 0.6; 3.1	17.7 +- 0.7; 4.1	18.4 +- 1.4

Transit Dose = 2.5 +- 0.3; 2.8

GRAND GULF

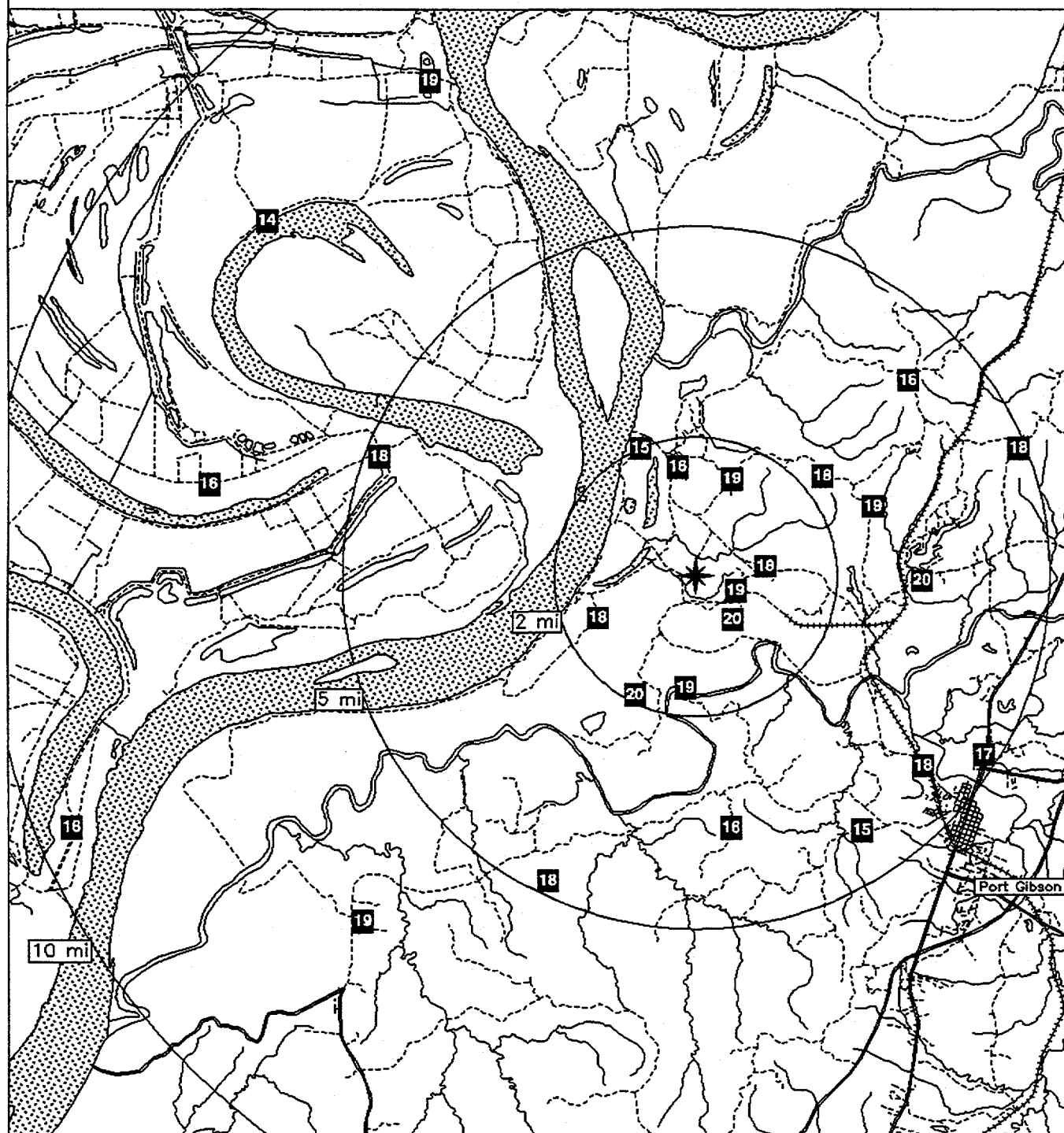
For the period 941205-950410

TLD Direct Radiation Environmental Monitoring

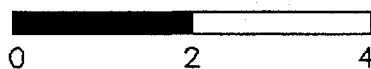
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.7 +- 0.0	1
11.26 - 33.75 NNE	18.6 +- 0.0	1
33.76 - 56.25 NE	17.1 +- 1.5	2
56.26 - 78.75 ENE	18.2 +- 0.5	2
78.76 - 101.25 E	18.3 +- 1.3	3
101.26 - 123.75 ESE	18.2 +- 1.5	2
123.76 - 146.25 SE	19.2 +- 1.2	2
146.26 - 168.75 SSE	14.9 +- 0.0	1
168.76 - 191.25 S	17.3 +- 1.8	2
191.26 - 213.75 SSW	18.6 +- 1.3	2
213.76 - 236.25 SW	19.0 +- 0.0	1
236.26 - 258.75 WSW	17.0 +- 1.3	3
258.76 - 281.25 W	16.2 +- 0.0	1
281.26 - 303.75 WNW	17.5 +- 0.8	2
303.76 - 326.25 NW	14.0 +- 0.0	1
326.26 - 348.75 NNW	17.1 +- 2.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 1.6	10
2 - 5	17.5 +- 1.4	11
> 5	16.8 +- 1.8	7
Upwind Control	14.5 +- 1.1	3

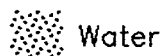
NRC TLD DOSES FOR GRAND GULF AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

HADDAM NECK

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 99 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
2	17	2.6	23.3 +- 0.7; 3.5		19.9 +- 0.7; 4.2		18.7 +- 1.8	
3	45	1.9	23.7 +- 0.7; 3.5		20.2 +- 0.7; 4.2		18.5 +- 2.5	
4	67	2.3	23.0 +- 0.7; 3.4		19.6 +- 0.7; 4.1		17.7 +- 1.7	
5	93	1.6	19.6 +- 0.6; 2.9		16.5 +- 0.6; 3.8		16.0 +- 1.5	
6	115	2.3	20.2 +- 0.6; 3.0		17.1 +- 0.6; 3.9		15.6 +- 1.7	
7	143	1.9	22.3 +- 0.7; 3.3		19.0 +- 0.7; 4.1		17.6 +- 1.8	
8	165	0.9	20.5 +- 0.6; 3.1		17.4 +- 0.6; 3.9		16.6 +- 1.1	
9	174	1.3	23.3 +- 0.7; 3.5		19.9 +- 0.7; 4.2		18.2 +- 1.8	
10	195	0.7	20.6 +- 0.6; 3.1		17.4 +- 0.6; 3.9		16.0 +- 1.6	
12	241	0.8	21.6 +- 0.6; 3.2		18.3 +- 0.6; 4.0		17.1 +- 1.4	
13	263	0.8	20.8 +- 0.6; 3.1		17.6 +- 0.6; 3.9		15.9 +- 1.7	
14	290	1.9	23.0 +- 0.7; 3.5		19.6 +- 0.7; 4.2		17.6 +- 1.7	
15	311	1.5	19.8 +- 0.6; 3.0		16.7 +- 0.6; 3.8		15.4 +- 1.5	
16	341	1.3	20.9 +- 0.6; 3.1		17.7 +- 0.6; 3.9		16.5 +- 1.5	
17	360	2.3	23.3 +- 0.7; 3.5		19.9 +- 0.7; 4.2		19.3 +- 1.7	
18	222	2.5	21.0 +- 0.6; 3.1		17.8 +- 0.6; 3.9		16.0 +- 1.5	
19	269	3.0	19.4 +- 0.6; 2.9		16.4 +- 0.6; 3.8		15.8 +- 1.7	
20	66	3.2	20.4 +- 0.6; 3.1		17.3 +- 0.6; 3.9		16.4 +- 1.6	
21	91	2.8	23.1 +- 0.7; 3.5		19.7 +- 0.7; 4.2		18.0 +- 1.8	
22	112	3.2	21.8 +- 0.7; 3.3		18.5 +- 0.6; 4.0		16.9 +- 1.8	
23	137	2.9	21.3 +- 0.6; 3.2		18.1 +- 0.6; 4.0		16.5 +- 2.0	
24	155	7.1	19.5 +- 0.6; 2.9		16.4 +- 0.6; 3.8		15.7 +- 1.4	
25	175	5.7	20.7 +- 0.6; 3.1		17.6 +- 0.6; 3.9		16.0 +- 1.5	
26	196	2.5	18.9 +- 0.6; 2.8		15.9 +- 0.6; 3.8		15.3 +- 1.5	
27	225	1.1	Damaged Dosimeter		No Net Data		17.3 +- 1.8	
28	250	3.5	23.1 +- 0.7; 3.5		19.7 +- 0.7; 4.2		17.1 +- 2.5	
29	340	20.0	22.7 +- 0.7; 3.4		19.3 +- 0.7; 4.1		19.9 +- 3.3	
30	286	3.2	19.7 +- 0.6; 3.0		16.7 +- 0.6; 3.8		16.0 +- 1.6	
31	322	2.7	21.8 +- 0.7; 3.3		18.5 +- 0.6; 4.0		17.1 +- 1.5	
32	327	2.9	23.8 +- 0.7; 3.6		20.3 +- 0.7; 4.2		19.0 +- 1.5	
33	359	6.4	20.5 +- 0.6; 3.1		17.4 +- 0.6; 3.9		15.9 +- 1.4	
35	54	10.0	21.5 +- 0.6; 3.2		18.3 +- 0.6; 4.0		16.7 +- 1.7	
36	72	8.8	22.2 +- 0.7; 3.3		18.9 +- 0.7; 4.1		18.9 +- 1.7	
37	149	6.8	19.6 +- 0.6; 2.9		16.5 +- 0.6; 3.8		15.3 +- 1.5	
38	158	5.9	19.2 +- 0.6; 2.9		16.2 +- 0.6; 3.8		15.0 +- 1.4	
39	267	8.8	19.9 +- 0.6; 3.0		16.8 +- 0.6; 3.8		16.4 +- 1.6	
40	303	9.1	22.1 +- 0.7; 3.3		18.8 +- 0.7; 4.1		17.9 +- 1.3	
41	313	9.6	19.7 +- 0.6; 3.0		16.6 +- 0.6; 3.8		16.3 +- 1.6	
42	320	13.0	21.9 +- 0.7; 3.3		18.6 +- 0.7; 4.0		18.2 +- 1.6	
43	324	18.0	19.3 +- 0.6; 2.9		16.3 +- 0.6; 3.8		15.8 +- 1.3	
44	328	15.0	Damaged Dosimeter		No Net Data		17.5 +- 1.9	
45	343	18.0	22.3 +- 0.7; 3.3		19.0 +- 0.7; 4.1		18.3 +- 1.9	
46	144	5.0	22.2 +- 0.7; 3.3		18.9 +- 0.7; 4.1		17.4 +- 2.0	
49	340	20.0	21.7 +- 0.7; 3.3		18.4 +- 0.6; 4.0		17.8 +- 1.8	

Transit Dose = 1.4 +- 0.3; 3.0

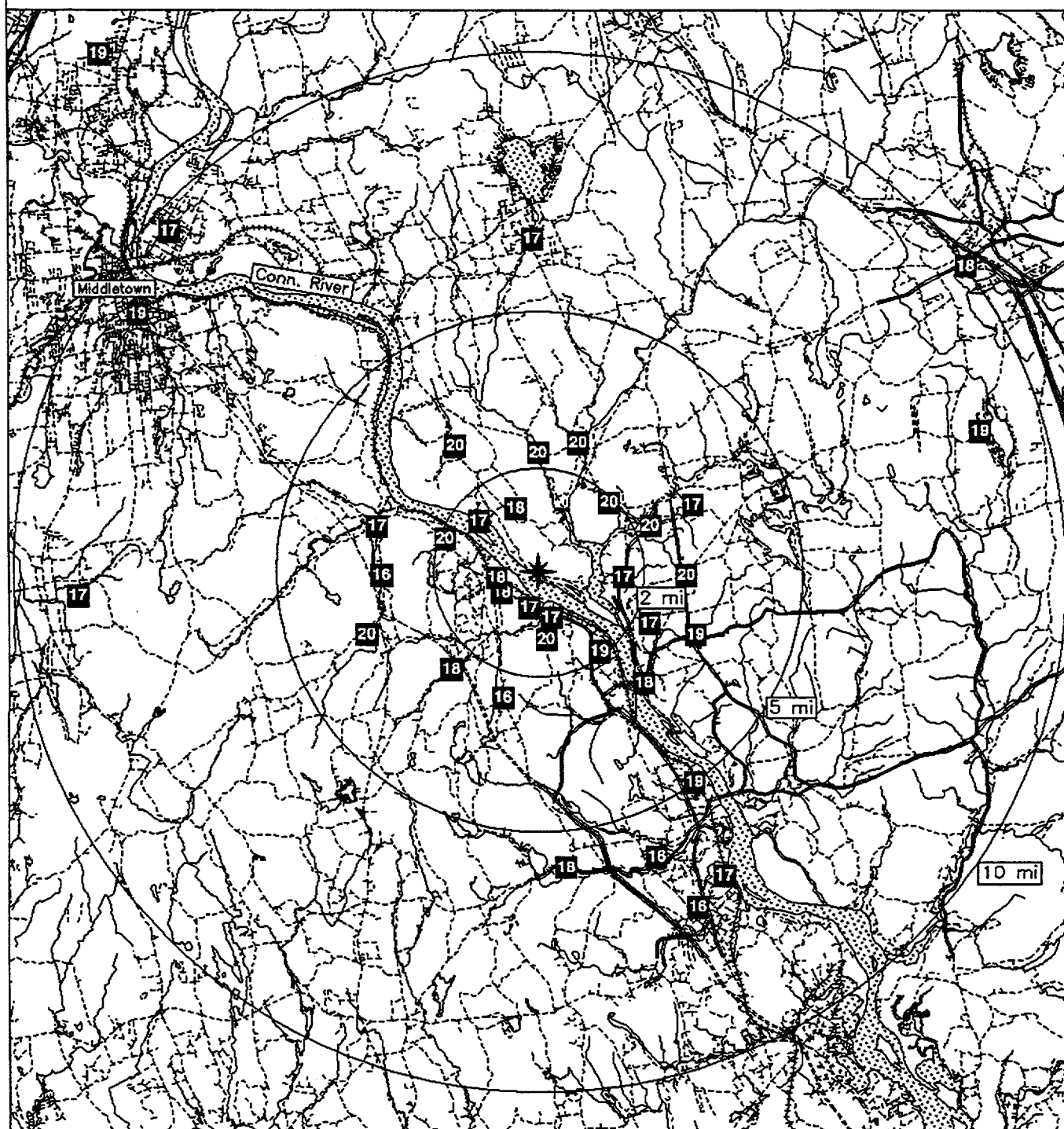
HADDAM NECK
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

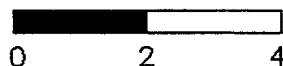
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.6 +- 1.8	2
11.26 - 33.75 NNE	19.9 +- 0.0	1
33.76 - 56.25 NE	19.3 +- 1.4	2
56.26 - 78.75 ENE	18.6 +- 1.2	3
78.76 - 101.25 E	18.1 +- 2.2	2
101.26 - 123.75 ESE	17.8 +- 1.0	2
123.76 - 146.25 SE	18.7 +- 0.5	3
146.26 - 168.75 SSE	16.6 +- 0.5	4
168.76 - 191.25 S	18.7 +- 1.7	2
191.26 - 213.75 SSW	16.7 +- 1.1	2
213.76 - 236.25 SW	17.8 +- 0.0	1
236.26 - 258.75 WSW	19.0 +- 1.0	2
258.76 - 281.25 W	16.9 +- 0.6	3
281.26 - 303.75 WNW	18.4 +- 1.5	3
303.76 - 326.25 NW	17.4 +- 1.1	5
326.26 - 348.75 NNW	19.1 +- 1.1	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 1.3	11
2 - 5	18.4 +- 1.4	16
> 5	17.6 +- 1.2	14
Upwind Control	18.4 +- 0.0	1

NRC TLD DOSES FOR HADDAM NECK AREA



Miles



Legend

Water
Highways

Railroads
Roads

Plant..site

HARRIS

TLD Direct Radiation Environmental Monitoring

For the period 941205-950418 135 Days

Field Time: 82 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	36 2.6	20.0 +- 0.6; 3.0	15.6 +- 0.8; 4.6	16.8 +- 2.3
2	25 3.2	18.7 +- 0.6; 2.8	14.2 +- 0.7; 4.4	15.0 +- 2.1
3	5 2.5	18.7 +- 0.6; 2.8	14.2 +- 0.7; 4.4	16.9 +- 2.0
4	27 1.5	20.2 +- 0.6; 3.0	15.8 +- 0.8; 4.6	17.5 +- 2.6
5	36 0.9	17.4 +- 0.5; 2.6	12.7 +- 0.7; 4.3	14.4 +- 1.9
6	68 0.8	16.4 +- 0.5; 2.5	11.6 +- 0.7; 4.1	13.0 +- 2.1
7	98 0.7	18.1 +- 0.5; 2.7	13.6 +- 0.7; 4.3	15.5 +- 1.8
8	232 0.7	17.6 +- 0.5; 2.6	13.0 +- 0.7; 4.3	14.2 +- 2.0
9	190 0.8	16.2 +- 0.5; 2.4	11.4 +- 0.7; 4.1	12.8 +- 2.0
10	158 0.7	17.2 +- 0.5; 2.6	12.5 +- 0.7; 4.2	14.0 +- 2.4
11	42 4.7	21.0 +- 0.6; 3.1	16.7 +- 0.8; 4.7	19.4 +- 2.4
12	40 8.6	19.6 +- 0.6; 2.9	15.1 +- 0.8; 4.5	16.6 +- 2.0
13	298 13.0	22.8 +- 0.7; 3.4	18.7 +- 0.9; 4.9	13.8 +- 2.3
14	298 12.0	17.2 +- 0.5; 2.6	12.6 +- 0.7; 4.2	14.4 +- 2.2
15	298 11.0	16.7 +- 0.5; 2.5	12.0 +- 0.7; 4.2	13.1 +- 2.1
16	332 4.8	17.7 +- 0.5; 2.7	13.1 +- 0.7; 4.3	14.6 +- 2.4
17	291 4.5	14.8 +- 0.4; 2.2	9.9 +- 0.6; 4.0	12.3 +- 2.6
18	270 5.1	16.6 +- 0.5; 2.5	11.9 +- 0.7; 4.2	14.3 +- 2.4
19	240 5.1	19.3 +- 0.6; 2.9	14.8 +- 0.8; 4.5	16.9 +- 2.3
20	227 4.8	16.9 +- 0.5; 2.5	12.2 +- 0.7; 4.2	12.8 +- 2.1
21	208 4.8	16.2 +- 0.5; 2.4	11.4 +- 0.7; 4.1	12.6 +- 2.1
22	190 4.6	17.2 +- 0.5; 2.6	12.5 +- 0.7; 4.2	14.4 +- 2.0
23	151 4.8	16.1 +- 0.5; 2.4	11.3 +- 0.7; 4.1	14.1 +- 2.4
24	132 4.7	17.3 +- 0.5; 2.6	12.6 +- 0.7; 4.2	13.8 +- 2.3
25	112 5.0	18.8 +- 0.6; 2.8	14.2 +- 0.7; 4.4	15.9 +- 2.3
26	92 4.6	16.3 +- 0.5; 2.4	11.5 +- 0.7; 4.1	12.8 +- 2.2
27	115 2.8	17.6 +- 0.5; 2.6	12.9 +- 0.7; 4.3	14.1 +- 2.2
28	135 2.3	15.5 +- 0.5; 2.3	10.7 +- 0.7; 4.1	11.7 +- 2.2
29	164 2.2	18.0 +- 0.5; 2.7	13.4 +- 0.7; 4.3	14.9 +- 2.3
30	49 2.2	18.0 +- 0.5; 2.7	13.4 +- 0.7; 4.3	14.2 +- 2.3
31	276 1.8	17.9 +- 0.5; 2.7	13.3 +- 0.7; 4.3	14.0 +- 2.2
32	292 1.7	22.0 +- 0.7; 3.3	17.8 +- 0.8; 4.8	17.4 +- 2.2
33	314 1.4	19.5 +- 0.6; 2.9	15.0 +- 0.8; 4.5	16.4 +- 2.1
34	329 1.3	18.5 +- 0.6; 2.8	13.9 +- 0.7; 4.4	16.5 +- 2.0
35	350 4.5	19.6 +- 0.6; 2.9	15.2 +- 0.8; 4.5	16.1 +- 2.0
36	338 4.4	17.8 +- 0.5; 2.7	13.2 +- 0.7; 4.3	16.8 +- 3.2
37	16 4.9	15.8 +- 0.5; 2.4	11.0 +- 0.7; 4.1	15.5 +- 2.9
38	68 4.8	16.1 +- 0.5; 2.4	11.3 +- 0.7; 4.1	12.5 +- 1.9
39	80 6.9	18.7 +- 0.6; 2.8	14.2 +- 0.7; 4.4	14.8 +- 1.8
40	80 6.9	16.2 +- 0.5; 2.4	11.4 +- 0.7; 4.1	14.0 +- 2.2
41	118 9.7	21.7 +- 0.7; 3.3	17.5 +- 0.8; 4.8	19.2 +- 2.2
42	260 1.1	16.3 +- 0.5; 2.5	11.6 +- 0.7; 4.1	14.1 +- 2.1
43	333 1.7	17.5 +- 0.5; 2.6	12.8 +- 0.7; 4.3	16.1 +- 2.7
44	50 24.0	21.7 +- 0.7; 3.3	17.5 +- 0.8; 4.8	20.5 +- 2.4

Transit Dose = 5.8 +- 0.4; 2.9

HARRIS

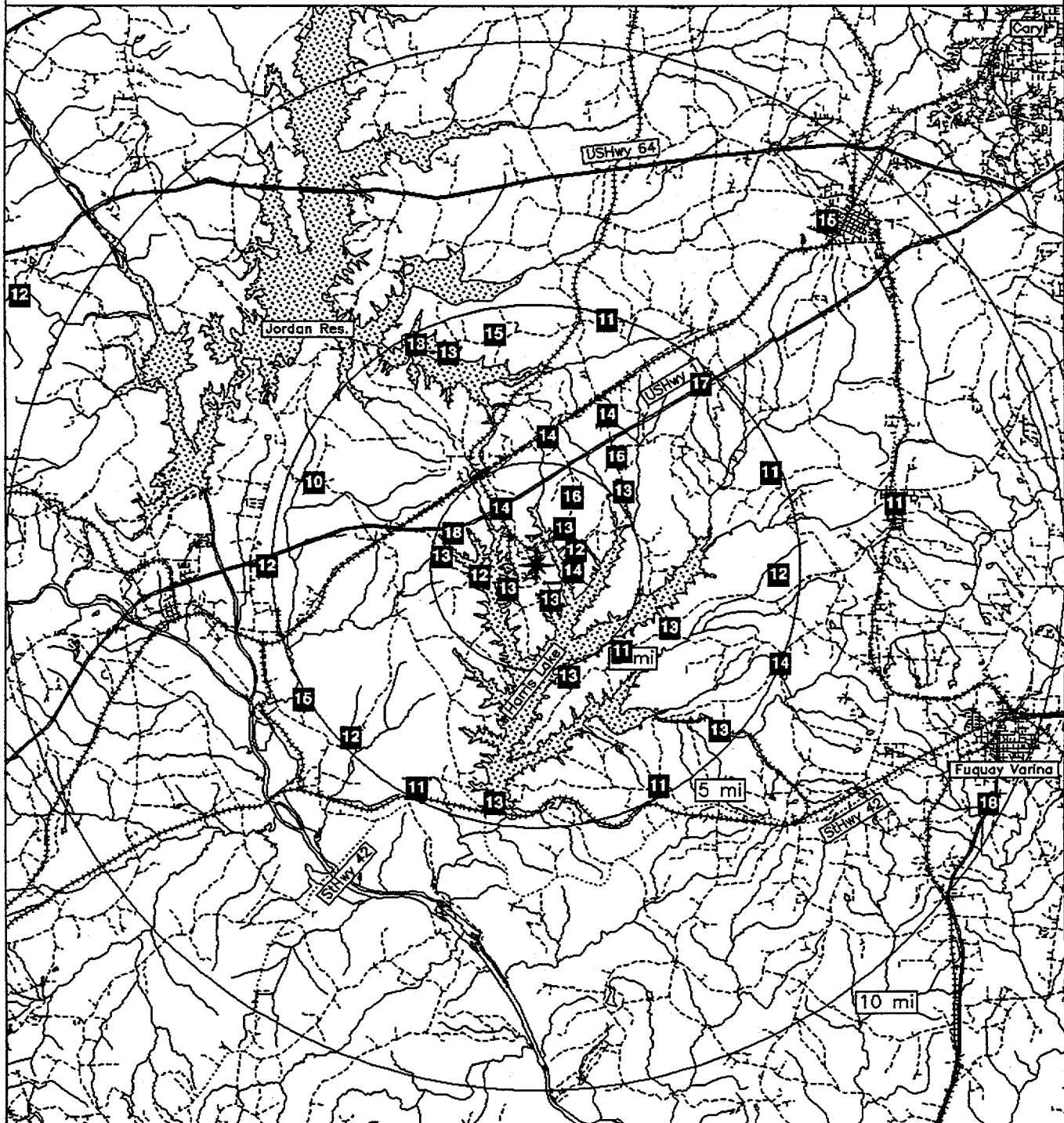
For the period 941205-950418

TLD Direct Radiation Environmental Monitoring

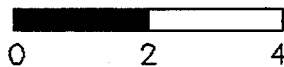
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.7 +- 0.7	2
11.26 - 33.75 NNE	13.6 +- 2.5	3
33.76 - 56.25 NE	15.2 +- 1.8	6
56.26 - 78.75 ENE	11.5 +- 0.2	2
78.76 - 101.25 E	12.6 +- 1.4	4
101.26 - 123.75 ESE	14.9 +- 2.4	3
123.76 - 146.25 SE	11.7 +- 1.4	2
146.26 - 168.75 SSE	12.4 +- 1.1	3
168.76 - 191.25 S	12.0 +- 0.8	2
191.26 - 213.75 SSW	11.4 +- 0.0	1
213.76 - 236.25 SW	12.6 +- 0.6	2
236.26 - 258.75 WSW	14.8 +- 0.0	1
258.76 - 281.25 W	12.3 +- 0.9	3
281.26 - 303.75 WNW	13.9 +- 5.6	2
303.76 - 326.25 NW	15.0 +- 0.0	1
326.26 - 348.75 NNW	13.3 +- 0.5	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.5 +- 1.8	13
2 - 5	12.9 +- 1.7	21
> 5	14.6 +- 2.4	7
Upwind Control	14.4 +- 3.7	3

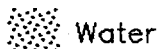
NRC TLD DOSES FOR HARRIS AREA



Miles



Legend



Water

--- Railroads



Plant site

— Highways

--- Roads

HATCH

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 86 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	342	23.0	Missing Dosimeter		No Net Data		16.3 +- 2.1	
2	359	7.7	17.5 +- 0.5; 2.6		15.6 +- 0.6; 3.9		14.3 +- 2.1	
3	354	4.5	17.7 +- 0.5; 2.7		15.9 +- 0.6; 4.0		14.2 +- 2.2	
4	336	2.9	15.9 +- 0.5; 2.4		14.0 +- 0.6; 3.8		13.2 +- 2.0	
5	309	4.6	16.6 +- 0.5; 2.5		14.7 +- 0.6; 3.8		13.5 +- 2.0	
6	297	5.6	18.9 +- 0.6; 2.8		17.1 +- 0.7; 4.1		15.6 +- 2.3	
7	24	2.8	17.2 +- 0.5; 2.6		15.3 +- 0.6; 3.9		13.9 +- 2.3	
8	49	2.0	16.9 +- 0.5; 2.5		15.0 +- 0.6; 3.9		13.9 +- 2.0	
9	49	10.0	15.9 +- 0.5; 2.4		14.0 +- 0.6; 3.8		13.7 +- 2.0	
10	28	4.8	18.3 +- 0.5; 2.7		16.4 +- 0.6; 4.0		14.2 +- 2.0	
11	67	5.0	16.8 +- 0.5; 2.5		14.9 +- 0.6; 3.9		14.3 +- 1.9	
12	50	5.1	21.4 +- 0.6; 3.2		19.7 +- 0.7; 4.4		18.2 +- 2.3	
13	353	2.0	15.1 +- 0.5; 2.3		13.2 +- 0.6; 3.7		12.5 +- 1.9	
14	341	1.6	17.5 +- 0.5; 2.6		15.7 +- 0.6; 3.9		14.6 +- 2.1	
15	147	10.0	16.0 +- 0.5; 2.4		14.1 +- 0.6; 3.8		12.9 +- 1.9	
16	232	0.9	16.4 +- 0.5; 2.5		14.5 +- 0.6; 3.8		13.1 +- 1.9	
17	205	1.6	17.6 +- 0.5; 2.6		15.8 +- 0.6; 4.0		14.2 +- 1.9	
18	192	4.2	13.4 +- 0.4; 2.0		11.4 +- 0.5; 3.5		11.5 +- 1.8	
19	184	4.2	15.3 +- 0.5; 2.3		13.4 +- 0.6; 3.7		11.4 +- 2.0	
20	165	4.6	15.2 +- 0.5; 2.3		13.3 +- 0.6; 3.7		12.2 +- 2.0	
21	135	4.4	15.5 +- 0.5; 2.3		13.6 +- 0.6; 3.7		12.8 +- 1.8	
22	120	4.1	16.3 +- 0.5; 2.4		14.4 +- 0.6; 3.8		14.2 +- 2.1	
23	107	3.7	15.4 +- 0.5; 2.3		13.5 +- 0.6; 3.7		13.3 +- 2.0	
24	123	14.0	15.6 +- 0.5; 2.3		13.7 +- 0.6; 3.7		12.2 +- 1.9	
25	114	12.0	16.4 +- 0.5; 2.5		14.5 +- 0.6; 3.8		13.4 +- 1.8	
26	142	1.8	16.8 +- 0.5; 2.5		14.9 +- 0.6; 3.9		14.3 +- 2.1	
27	157	2.2	15.6 +- 0.5; 2.3		13.6 +- 0.6; 3.7		13.3 +- 1.9	
28	171	0.9	17.5 +- 0.5; 2.6		15.7 +- 0.6; 3.9		14.4 +- 1.8	
29	253	1.0	17.1 +- 0.5; 2.6		15.3 +- 0.6; 3.9		13.4 +- 1.8	
30	270	1.0	17.9 +- 0.5; 2.7		16.1 +- 0.6; 4.0		15.2 +- 2.7	
31	292	1.1	16.5 +- 0.5; 2.5		14.7 +- 0.6; 3.8		13.7 +- 2.0	
32	268	4.2	16.2 +- 0.5; 2.4		14.3 +- 0.6; 3.8		13.5 +- 1.7	
33	248	4.3	15.0 +- 0.4; 2.2		13.0 +- 0.6; 3.7		12.1 +- 1.9	
34	216	4.1	15.0 +- 0.5; 2.3		13.0 +- 0.6; 3.7		11.5 +- 2.0	
35	234	12.0	18.0 +- 0.5; 2.7		16.1 +- 0.6; 4.0		13.8 +- 2.2	
36	182	10.0	13.7 +- 0.4; 2.1		11.7 +- 0.5; 3.6		12.8 +- 2.8	
37	177	10.0	15.3 +- 0.5; 2.3		13.3 +- 0.6; 3.7		12.4 +- 1.9	
38	323	12.0	18.3 +- 0.5; 2.7		16.4 +- 0.6; 4.0		15.0 +- 2.0	
39	321	13.0	18.7 +- 0.6; 2.8		16.9 +- 0.7; 4.1		15.2 +- 2.1	
40	323	12.0	17.7 +- 0.5; 2.7		15.9 +- 0.6; 4.0		15.2 +- 2.0	

Transit Dose = 2.6 +- 0.3; 2.7

HATCH

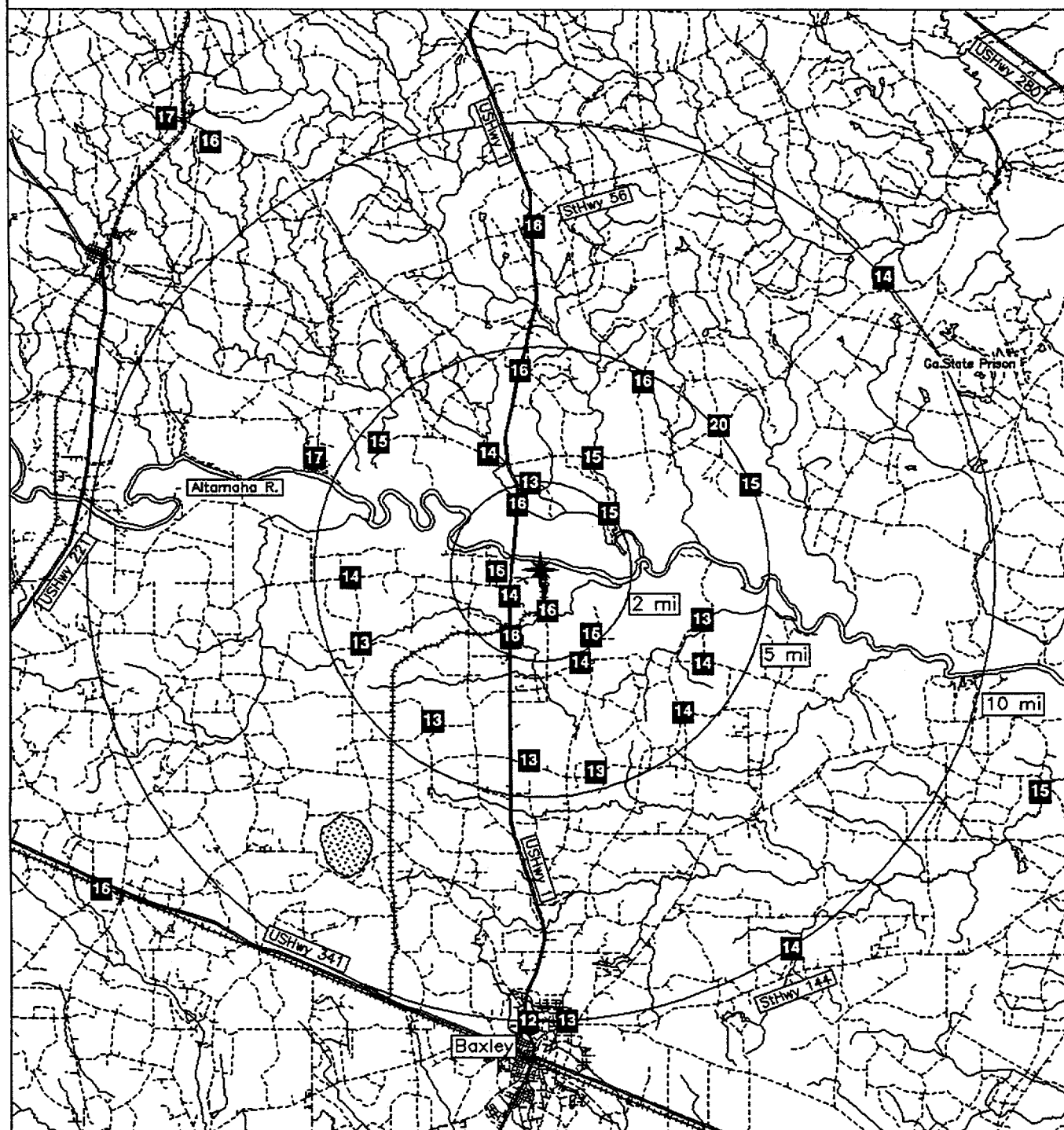
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

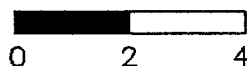
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.9 +- 1.5	3
11.26 - 33.75 NNE	15.9 +- 0.8	2
33.76 - 56.25 NE	16.2 +- 3.1	3
56.26 - 78.75 ENE	14.9 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	14.0 +- 0.5	4
123.76 - 146.25 SE	14.2 +- 0.9	2
146.26 - 168.75 SSE	13.7 +- 0.4	3
168.76 - 191.25 S	13.5 +- 1.6	4
191.26 - 213.75 SSW	13.6 +- 3.1	2
213.76 - 236.25 SW	14.5 +- 1.6	3
236.26 - 258.75 WSW	14.1 +- 1.6	2
258.76 - 281.25 W	15.2 +- 1.2	2
281.26 - 303.75 WNW	15.9 +- 1.7	2
303.76 - 326.25 NW	14.7 +- 0.0	1
326.26 - 348.75 NNW	14.8 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.1 +- 0.8	10
2 - 5	14.0 +- 1.2	16
> 5	15.0 +- 2.3	10
Upwind Control	16.4 +- 0.5	3

NRC TLD DOSES FOR HATCH AREA



Miles



Legend

Water
Highways

Railroads
Roads

Plant site

INDIAN POINT

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	52 1.4	16.8 +- 0.5; 2.5	12.1 +- 0.6; 3.9	12.5 +- 1.4
2	53 1.0	18.0 +- 0.5; 2.7	13.2 +- 0.6; 4.0	14.7 +- 2.0
3	61 1.5	20.0 +- 0.6; 3.0	15.3 +- 0.7; 4.2	14.7 +- 1.1
4	89 1.2	Missing Dosimeter	No Net Data	15.2 +- 1.3
5	107 0.9	20.5 +- 0.6; 3.1	15.8 +- 0.7; 4.3	15.4 +- 1.3
6	90 0.5	20.1 +- 0.6; 3.0	15.4 +- 0.7; 4.2	15.6 +- 1.3
7	133 0.8	19.5 +- 0.6; 2.9	14.7 +- 0.7; 4.2	14.7 +- 1.4
8	158 0.8	21.7 +- 0.7; 3.3	16.9 +- 0.7; 4.4	15.7 +- 1.3
9	188 1.2	21.7 +- 0.7; 3.3	17.0 +- 0.7; 4.4	16.4 +- 1.5
10	206 0.9	18.6 +- 0.6; 2.8	13.9 +- 0.7; 4.1	15.0 +- 1.4
11	170 1.1	17.6 +- 0.5; 2.6	12.9 +- 0.6; 4.0	13.4 +- 1.2
12	155 2.3	19.3 +- 0.6; 2.9	14.6 +- 0.7; 4.1	14.6 +- 1.7
13	136 3.2	20.2 +- 0.6; 3.0	15.5 +- 0.7; 4.2	14.7 +- 1.4
14	107 3.1	18.5 +- 0.6; 2.8	13.8 +- 0.7; 4.1	13.6 +- 1.4
15	94 3.8	18.2 +- 0.5; 2.7	13.5 +- 0.6; 4.0	14.5 +- 1.2
16	142 5.7	20.8 +- 0.6; 3.1	16.1 +- 0.7; 4.3	16.0 +- 1.3
18	147 9.1	20.6 +- 0.6; 3.1	15.8 +- 0.7; 4.3	15.9 +- 1.4
19	137 12.0	17.9 +- 0.5; 2.7	13.2 +- 0.6; 4.0	14.7 +- 2.0
20	129 12.0	18.6 +- 0.6; 2.8	13.9 +- 0.7; 4.1	14.8 +- 1.4
22	74 7.5	20.4 +- 0.6; 3.1	15.7 +- 0.7; 4.3	15.3 +- 1.2
23	5 100.0	Damaged Dosimeter	No Net Data	16.7 +- 1.4
24	5 100.0	21.8 +- 0.7; 3.3	17.0 +- 0.7; 4.4	16.5 +- 1.4
25	65 4.1	18.3 +- 0.5; 2.7	13.6 +- 0.7; 4.0	14.6 +- 1.4
26	40 4.0	22.8 +- 0.7; 3.4	18.0 +- 0.8; 4.5	17.7 +- 1.4
27	25 5.3	21.4 +- 0.6; 3.2	16.6 +- 0.7; 4.4	16.3 +- 1.3
28	24 2.9	20.0 +- 0.6; 3.0	15.2 +- 0.7; 4.2	15.4 +- 1.3
29	22 2.1	21.1 +- 0.6; 3.2	16.3 +- 0.7; 4.3	15.3 +- 1.2
30	8 1.9	22.6 +- 0.7; 3.4	17.8 +- 0.8; 4.5	16.5 +- 1.6
31	356 5.0	20.3 +- 0.6; 3.0	15.5 +- 0.7; 4.2	15.6 +- 1.3
32	330 3.7	17.9 +- 0.5; 2.7	13.1 +- 0.6; 4.0	16.6 +- 1.6
33	338 4.7	20.7 +- 0.6; 3.1	15.9 +- 0.7; 4.3	17.2 +- 1.4
34	354 7.0	21.2 +- 0.6; 3.2	16.4 +- 0.7; 4.3	19.0 +- 3.0
35	297 4.4	20.5 +- 0.6; 3.1	15.8 +- 0.7; 4.3	16.2 +- 1.4
36	309 3.6	24.3 +- 0.7; 3.6	19.5 +- 0.8; 4.7	22.7 +- 6.6
37	350 1.1	21.1 +- 0.6; 3.2	16.3 +- 0.7; 4.3	16.6 +- 1.4
38	337 0.9	20.9 +- 0.6; 3.1	16.2 +- 0.7; 4.3	16.5 +- 1.5
39	315 1.0	20.5 +- 0.6; 3.1	15.7 +- 0.7; 4.3	15.1 +- 1.3
40	294 1.1	20.5 +- 0.6; 3.1	15.7 +- 0.7; 4.3	16.7 +- 1.6
41	274 1.1	26.8 +- 0.8; 4.0	22.0 +- 0.9; 5.0	18.4 +- 1.9
42	248 1.5	21.3 +- 0.6; 3.2	16.5 +- 0.7; 4.3	17.4 +- 2.2
44	5 100.0	19.8 +- 0.6; 3.0	15.1 +- 0.7; 4.2	16.5 +- 1.5
45	227 2.4	20.4 +- 0.6; 3.1	15.7 +- 0.7; 4.3	16.4 +- 2.1
46	209 3.2	18.9 +- 0.6; 2.8	14.2 +- 0.7; 4.1	14.8 +- 2.0
47	218 5.3	19.1 +- 0.6; 2.9	14.3 +- 0.7; 4.1	15.3 +- 1.9
48	201 4.6	21.1 +- 0.6; 3.2	16.4 +- 0.7; 4.3	16.0 +- 1.5
49	187 5.2	17.8 +- 0.5; 2.7	13.1 +- 0.6; 4.0	14.0 +- 1.9
50	171 7.1	18.4 +- 0.6; 2.8	13.7 +- 0.7; 4.0	14.3 +- 1.5

Transit Dose = 4.6 +- 0.4; 3.0

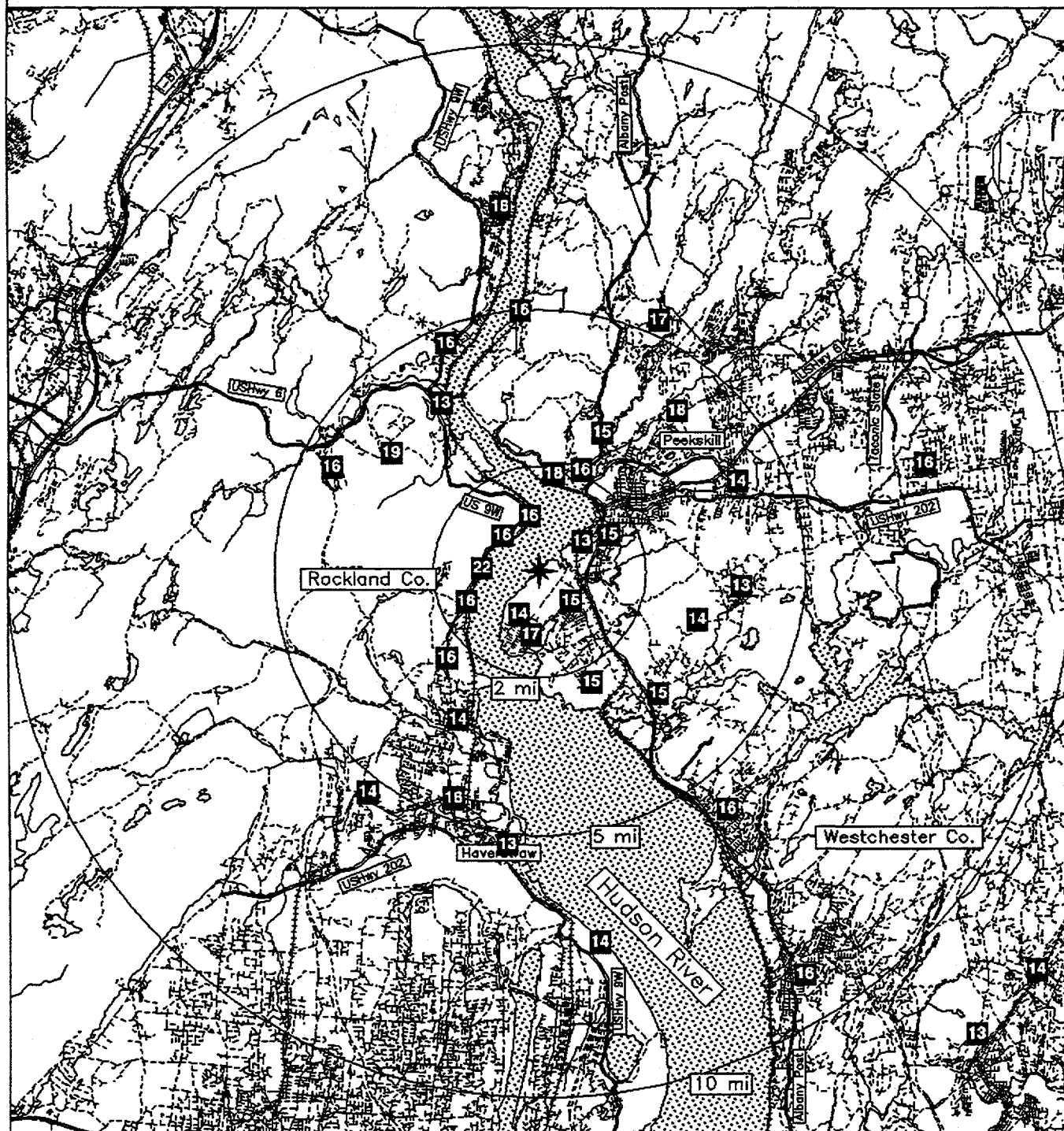
INDIAN POINT
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

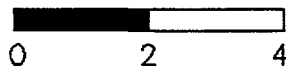
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.5 +- 1.0	4
11.26 - 33.75 NNE	16.1 +- 0.7	3
33.76 - 56.25 NE	14.4 +- 3.1	3
56.26 - 78.75 ENE	14.8 +- 1.1	3
78.76 - 101.25 E	14.4 +- 1.3	2
101.26 - 123.75 ESE	14.8 +- 1.4	2
123.76 - 146.25 SE	14.7 +- 1.2	5
146.26 - 168.75 SSE	15.8 +- 1.2	3
168.76 - 191.25 S	14.2 +- 1.9	4
191.26 - 213.75 SSW	14.8 +- 1.4	3
213.76 - 236.25 SW	15.0 +- 0.9	2
236.26 - 258.75 WSW	16.5 +- 0.0	1
258.76 - 281.25 W	22.0 +- 0.0	1
281.26 - 303.75 WNW	15.8 +- 0.0	2
303.76 - 326.25 NW	17.6 +- 2.7	2
326.26 - 348.75 NNW	15.1 +- 1.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.7 +- 2.2	17
2 - 5	15.4 +- 1.7	16
> 5	14.9 +- 1.4	10
Upwind Control	16.1 +- 1.4	2

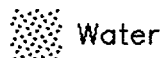
NRC TLD DOSES FOR INDIAN POINT AREA



Miles



Legend



Highways

Railroads

Roads



Plant site

KEWAUNEE/PT. BEACH

TLD Direct Radiation Environmental Monitoring

For the period 941203-950420 139 Days

Field Time: 98 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	189	8.1	18.6 +- 0.6; 2.8		15.0 +- 0.6; 3.8		12.6 +- 1.7	
2	195	7.0	23.4 +- 0.7; 3.5		19.4 +- 0.7; 4.3		17.4 +- 2.1	
3	163	4.9	18.2 +- 0.5; 2.7		14.6 +- 0.6; 3.7		13.1 +- 1.9	
4	183	3.3	23.1 +- 0.7; 3.5		19.1 +- 0.7; 4.2		16.5 +- 2.1	
5	210	3.2	18.4 +- 0.6; 2.8		14.7 +- 0.6; 3.8		12.3 +- 2.1	
6	223	3.7	23.1 +- 0.7; 3.5		19.1 +- 0.7; 4.2		16.6 +- 2.2	
7	242	5.7	18.5 +- 0.6; 2.8		14.9 +- 0.6; 3.8		14.0 +- 1.6	
8	202	1.8	22.5 +- 0.7; 3.4		18.5 +- 0.7; 4.2		17.1 +- 1.8	
9	180	1.8	21.6 +- 0.6; 3.2		17.7 +- 0.7; 4.1		15.8 +- 1.9	
10	158	1.9	18.4 +- 0.6; 2.8		14.8 +- 0.6; 3.8		12.9 +- 1.9	
11	235	1.2	23.2 +- 0.7; 3.5		19.2 +- 0.7; 4.2		16.9 +- 2.1	
12	258	1.4	21.1 +- 0.6; 3.2		17.3 +- 0.6; 4.0		15.5 +- 2.1	
13	273	1.4	21.4 +- 0.6; 3.2		17.5 +- 0.7; 4.1		15.7 +- 2.0	
14	290	0.9	22.0 +- 0.7; 3.3		18.0 +- 0.7; 4.1		16.6 +- 1.8	
15	333	0.8	20.3 +- 0.6; 3.0		16.5 +- 0.6; 3.9		15.4 +- 2.1	
16	342	1.9	20.8 +- 0.6; 3.1		17.0 +- 0.6; 4.0		15.4 +- 1.9	
17	317	2.0	20.6 +- 0.6; 3.1		16.8 +- 0.6; 4.0		13.7 +- 2.6	
18	310	3.4	22.2 +- 0.7; 3.3		18.2 +- 0.7; 4.1		17.7 +- 1.7	
19	293	4.0	19.9 +- 0.6; 3.0		16.1 +- 0.6; 3.9		14.7 +- 2.3	
20	273	4.0	20.4 +- 0.6; 3.1		16.6 +- 0.6; 4.0		14.5 +- 2.4	
21	300	5.6	20.5 +- 0.6; 3.1		16.7 +- 0.6; 4.0		14.6 +- 1.7	
22	316	5.9	21.4 +- 0.6; 3.2		17.6 +- 0.7; 4.1		15.5 +- 2.0	
23	345	2.7	22.5 +- 0.7; 3.4		18.6 +- 0.7; 4.2		16.7 +- 2.1	
24	219	1.3	21.8 +- 0.7; 3.3		17.9 +- 0.7; 4.1		14.8 +- 2.0	
25	247	1.4	22.6 +- 0.7; 3.4		18.6 +- 0.7; 4.2		16.6 +- 1.8	
26	263	1.3	20.8 +- 0.6; 3.1		17.0 +- 0.6; 4.0		16.3 +- 1.9	
27	290	1.4	22.3 +- 0.7; 3.3		18.3 +- 0.7; 4.1		16.8 +- 1.9	
28	320	1.3	23.7 +- 0.7; 3.5		19.6 +- 0.7; 4.3		16.9 +- 2.3	
29	342	1.1	21.9 +- 0.7; 3.3		17.9 +- 0.7; 4.1		15.8 +- 2.7	
30	329	0.6	22.4 +- 0.7; 3.4		18.4 +- 0.7; 4.2		16.5 +- 1.9	
31	13	1.0	20.4 +- 0.6; 3.1		16.6 +- 0.6; 4.0		14.8 +- 1.9	
32	353	2.1	23.1 +- 0.7; 3.5		19.1 +- 0.7; 4.2		16.1 +- 2.0	
33	301	3.9	19.5 +- 0.6; 2.9		15.8 +- 0.6; 3.9		15.1 +- 1.9	
34	299	8.4	18.6 +- 0.6; 2.8		15.0 +- 0.6; 3.8		15.9 +- 1.7	
35	323	3.8	20.4 +- 0.6; 3.1		16.6 +- 0.6; 4.0		14.1 +- 2.2	
36	336	3.3	23.7 +- 0.7; 3.6		19.6 +- 0.7; 4.3		16.6 +- 2.2	
37	6	3.1	20.0 +- 0.6; 3.0		16.2 +- 0.6; 3.9		14.5 +- 1.8	
38	14	3.7	21.5 +- 0.6; 3.2		17.7 +- 0.7; 4.1		15.4 +- 1.9	
39	13	7.6	21.5 +- 0.6; 3.2		17.6 +- 0.7; 4.1		13.2 +- 1.7	
40	247	4.3	22.4 +- 0.7; 3.4		18.4 +- 0.7; 4.2		17.9 +- 1.9	
41	8	23.0	18.1 +- 0.5; 2.7		14.5 +- 0.6; 3.7		13.1 +- 2.4	
42	8	23.0	18.5 +- 0.6; 2.8		14.9 +- 0.6; 3.8		13.6 +- 1.9	
43	8	23.0	18.8 +- 0.6; 2.8		15.1 +- 0.6; 3.8		12.9 +- 2.0	

Transit Dose = 2.3 +- 0.3; 3.0

KEWAUNEE/PT. BEACH

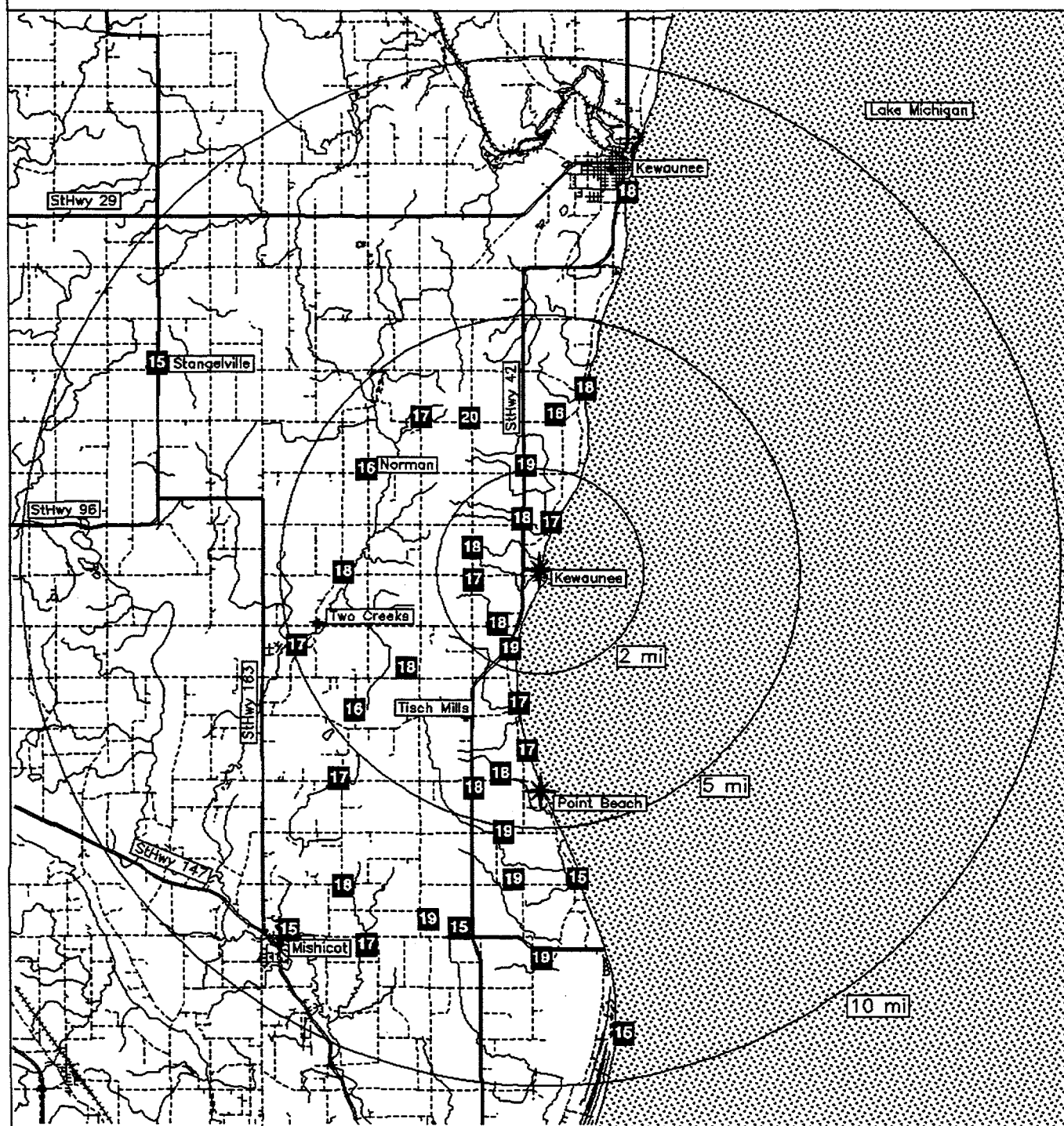
For the period 941203-950420

TLD Direct Radiation Environmental Monitoring

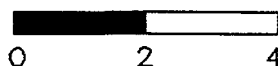
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.6 +- 2.0	2
11.26 - 33.75 NNE	17.3 +- 0.6	3
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	14.7 +- 0.2	2
168.76 - 191.25 S	17.3 +- 2.1	3
191.26 - 213.75 SSW	17.6 +- 2.5	3
213.76 - 236.25 SW	18.7 +- 0.7	3
236.26 - 258.75 WSW	17.3 +- 1.7	4
258.76 - 281.25 W	17.0 +- 0.5	3
281.26 - 303.75 WNW	16.7 +- 1.3	6
303.76 - 326.25 NW	17.8 +- 1.2	5
326.26 - 348.75 NNW	18.0 +- 1.1	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.7 +- 1.1	18
2 - 5	17.4 +- 1.7	15
> 5	16.6 +- 1.7	7
Upwind Control	14.8 +- 0.3	3

NRC TLD DOSES FOR KEWAUNEE AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

LACROSSE

TLD Direct Radiation Environmental Monitoring

For the period 941204-950502 150 Days

Field Time: 93 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	5	20.0	23.0	+- 0.7; 3.4	16.1	+- 0.8; 4.6	15.0	+- 1.8
2	5	20.0	23.1	+- 0.7; 3.5	16.2	+- 0.8; 4.6	15.3	+- 1.5
3	3	20.0	22.8	+- 0.7; 3.4	15.9	+- 0.8; 4.6	15.8	+- 1.4
4	343	3.8	22.6	+- 0.7; 3.4	15.7	+- 0.8; 4.5	15.0	+- 1.6
5	313	3.8	21.4	+- 0.6; 3.2	14.5	+- 0.7; 4.4	17.3	+- 2.7
6	291	3.0	22.7	+- 0.7; 3.4	15.8	+- 0.8; 4.6	16.1	+- 1.5
7	261	4.8	25.2	+- 0.8; 3.8	18.2	+- 0.8; 4.8	17.7	+- 1.7
8	249	3.2	26.3	+- 0.8; 3.9	19.3	+- 0.9; 4.9	17.4	+- 1.8
9	214	5.0	21.6	+- 0.6; 3.2	14.7	+- 0.7; 4.4	15.8	+- 1.7
10	171	9.8	22.8	+- 0.7; 3.4	15.9	+- 0.8; 4.6	14.4	+- 1.4
11	176	5.1	22.6	+- 0.7; 3.4	15.7	+- 0.8; 4.5	14.8	+- 1.1
12	165	4.9	22.9	+- 0.7; 3.4	16.0	+- 0.8; 4.6	16.3	+- 1.3
13	138	3.5	23.7	+- 0.7; 3.6	16.8	+- 0.8; 4.7	16.6	+- 1.6
14	114	4.2	23.2	+- 0.7; 3.5	16.3	+- 0.8; 4.6	15.6	+- 1.5
15	97	3.9	21.1	+- 0.6; 3.2	14.2	+- 0.7; 4.4	14.7	+- 1.0
16	94	3.0	23.4	+- 0.7; 3.5	16.4	+- 0.8; 4.6	16.7	+- 1.7
17	105	2.0	20.9	+- 0.6; 3.1	14.0	+- 0.7; 4.4	16.6	+- 2.2
18	52	1.5	22.3	+- 0.7; 3.3	15.4	+- 0.8; 4.5	14.4	+- 1.5
19	16	1.5	20.3	+- 0.6; 3.0	13.5	+- 0.7; 4.3	14.7	+- 1.3
20	1	1.0	19.9	+- 0.6; 3.0	13.1	+- 0.7; 4.3	13.8	+- 1.3
21	358	0.5	24.1	+- 0.7; 3.6	17.1	+- 0.8; 4.7	17.2	+- 1.4
22	180	0.6	24.0	+- 0.7; 3.6	17.1	+- 0.8; 4.7	16.3	+- 1.3
23	134	1.7	22.1	+- 0.7; 3.3	15.2	+- 0.8; 4.5	16.5	+- 1.7
24	58	0.6	24.8	+- 0.7; 3.7	17.8	+- 0.8; 4.8	17.4	+- 1.7
25	59	3.1	24.1	+- 0.7; 3.6	17.2	+- 0.8; 4.7	17.3	+- 1.7
26	16	1.5	24.2	+- 0.7; 3.6	17.3	+- 0.8; 4.7	16.6	+- 1.7
27	26	5.1	23.3	+- 0.7; 3.5	16.4	+- 0.8; 4.6	15.4	+- 1.3
28	25	7.0	20.4	+- 0.6; 3.1	13.5	+- 0.7; 4.3	14.3	+- 1.7
29	4	4.8	23.4	+- 0.7; 3.5	16.5	+- 0.8; 4.6	16.1	+- 1.6

Transit Dose = 6.4 +- 0.4; 3.2

LACROSSE

For the period 941204-950502

TLD Direct Radiation Environmental Monitoring

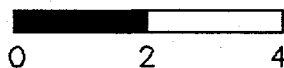
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.5 +- 2.2	3
11.26 - 33.75 NNE	15.2 +- 2.0	4
33.76 - 56.25 NE	15.4 +- 0.0	1
56.26 - 78.75 ENE	17.5 +- 0.5	2
78.76 - 101.25 E	15.3 +- 1.6	2
101.26 - 123.75 ESE	15.2 +- 1.6	2
123.76 - 146.25 SE	16.0 +- 1.1	2
146.26 - 168.75 SSE	16.0 +- 0.0	1
168.76 - 191.25 S	16.2 +- 0.8	3
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	14.7 +- 0.0	1
236.26 - 258.75 WSW	19.3 +- 0.0	1
258.76 - 281.25 W	18.2 +- 0.0	1
281.26 - 303.75 WNW	15.8 +- 0.0	1
303.76 - 326.25 NW	14.5 +- 0.0	1
326.26 - 348.75 NNW	15.7 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.6 +- 1.8	9
2 - 5	16.3 +- 1.4	13
> 5	15.4 +- 1.3	4
Upwind Control	16.1 +- 0.1	3

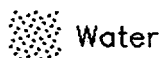
NRC TLD DOSES FOR LACROSSE AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

LASALLE

TLD Direct Radiation Environmental Monitoring

For the period 941204-950420 138 Days

Field Time: 88 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	302 10.0	21.9 +- 0.7; 3.3	17.9 +- 0.8; 4.5	17.2 +- 1.3
2	335 5.3	24.1 +- 0.7; 3.6	20.2 +- 0.8; 4.7	19.6 +- 1.6
3	343 5.8	20.0 +- 0.6; 3.0	16.0 +- 0.7; 4.3	15.6 +- 1.4
4	38 5.5	Missing Dosimeter	No Net Data	18.8 +- 2.4
5	39 4.3	19.5 +- 0.6; 2.9	15.5 +- 0.7; 4.2	14.6 +- 1.2
6	27 3.8	21.6 +- 0.6; 3.2	17.6 +- 0.8; 4.5	17.2 +- 1.3
7	2 4.1	23.4 +- 0.7; 3.5	19.5 +- 0.8; 4.7	19.4 +- 1.5
8	304 4.6	23.4 +- 0.7; 3.5	19.5 +- 0.8; 4.7	19.1 +- 1.4
9	292 3.9	26.2 +- 0.8; 3.9	22.3 +- 0.9; 5.0	19.3 +- 2.8
10	281 3.7	21.6 +- 0.6; 3.2	17.7 +- 0.8; 4.5	18.9 +- 1.9
11	248 4.0	23.9 +- 0.7; 3.6	20.0 +- 0.8; 4.7	18.3 +- 1.4
12	222 12.0	23.2 +- 0.7; 3.5	19.3 +- 0.8; 4.6	17.5 +- 1.3
13	212 18.0	23.7 +- 0.7; 3.5	19.7 +- 0.8; 4.7	18.2 +- 1.3
14	212 18.0	23.4 +- 0.7; 3.5	19.5 +- 0.8; 4.7	18.8 +- 1.4
15	212 18.0	23.5 +- 0.7; 3.5	19.6 +- 0.8; 4.7	18.6 +- 1.5
16	215 4.4	23.6 +- 0.7; 3.5	19.6 +- 0.8; 4.7	19.7 +- 1.3
17	204 4.0	23.9 +- 0.7; 3.6	20.0 +- 0.8; 4.7	19.0 +- 1.4
18	173 4.6	25.0 +- 0.8; 3.8	21.1 +- 0.8; 4.9	19.4 +- 1.4
19	174 6.4	21.7 +- 0.6; 3.2	17.7 +- 0.8; 4.5	17.1 +- 1.1
20	158 3.6	24.0 +- 0.7; 3.6	20.1 +- 0.8; 4.7	18.5 +- 1.5
21	124 4.2	22.8 +- 0.7; 3.4	18.9 +- 0.8; 4.6	19.3 +- 1.7
22	114 3.8	22.8 +- 0.7; 3.4	18.9 +- 0.8; 4.6	18.7 +- 1.3
23	97 4.5	22.4 +- 0.7; 3.4	18.4 +- 0.8; 4.5	18.0 +- 1.5
24	72 4.7	23.7 +- 0.7; 3.6	19.8 +- 0.8; 4.7	19.7 +- 1.5
25	41 2.0	23.3 +- 0.7; 3.5	19.4 +- 0.8; 4.6	18.8 +- 1.4
26	11 1.6	23.6 +- 0.7; 3.5	19.7 +- 0.8; 4.7	18.5 +- 1.3
27	358 1.5	24.6 +- 0.7; 3.7	20.7 +- 0.8; 4.8	19.2 +- 1.3
28	336 1.6	22.6 +- 0.7; 3.4	18.7 +- 0.8; 4.6	18.2 +- 1.4
29	310 2.3	22.8 +- 0.7; 3.4	18.9 +- 0.8; 4.6	17.5 +- 1.6
30	301 2.0	26.0 +- 0.8; 3.9	22.1 +- 0.9; 5.0	20.8 +- 1.5
31	271 1.7	24.1 +- 0.7; 3.6	20.2 +- 0.8; 4.7	18.3 +- 1.3
32	256 1.8	25.2 +- 0.8; 3.8	21.3 +- 0.9; 4.9	19.1 +- 1.6
33	227 2.4	25.2 +- 0.8; 3.8	21.3 +- 0.9; 4.9	20.3 +- 1.6
34	204 1.7	23.7 +- 0.7; 3.6	19.8 +- 0.8; 4.7	18.6 +- 1.3
35	165 1.6	23.6 +- 0.7; 3.5	19.7 +- 0.8; 4.7	19.3 +- 2.1
36	149 1.8	23.5 +- 0.7; 3.5	19.6 +- 0.8; 4.7	19.5 +- 1.4
37	139 2.1	24.2 +- 0.7; 3.6	20.3 +- 0.8; 4.8	18.8 +- 1.3
38	111 1.5	22.1 +- 0.7; 3.3	18.1 +- 0.8; 4.5	16.8 +- 1.2
39	265 0.6	25.3 +- 0.8; 3.8	21.4 +- 0.9; 4.9	19.7 +- 1.6

Transit Dose = 4.4 +- 0.3; 2.9

LASALLE

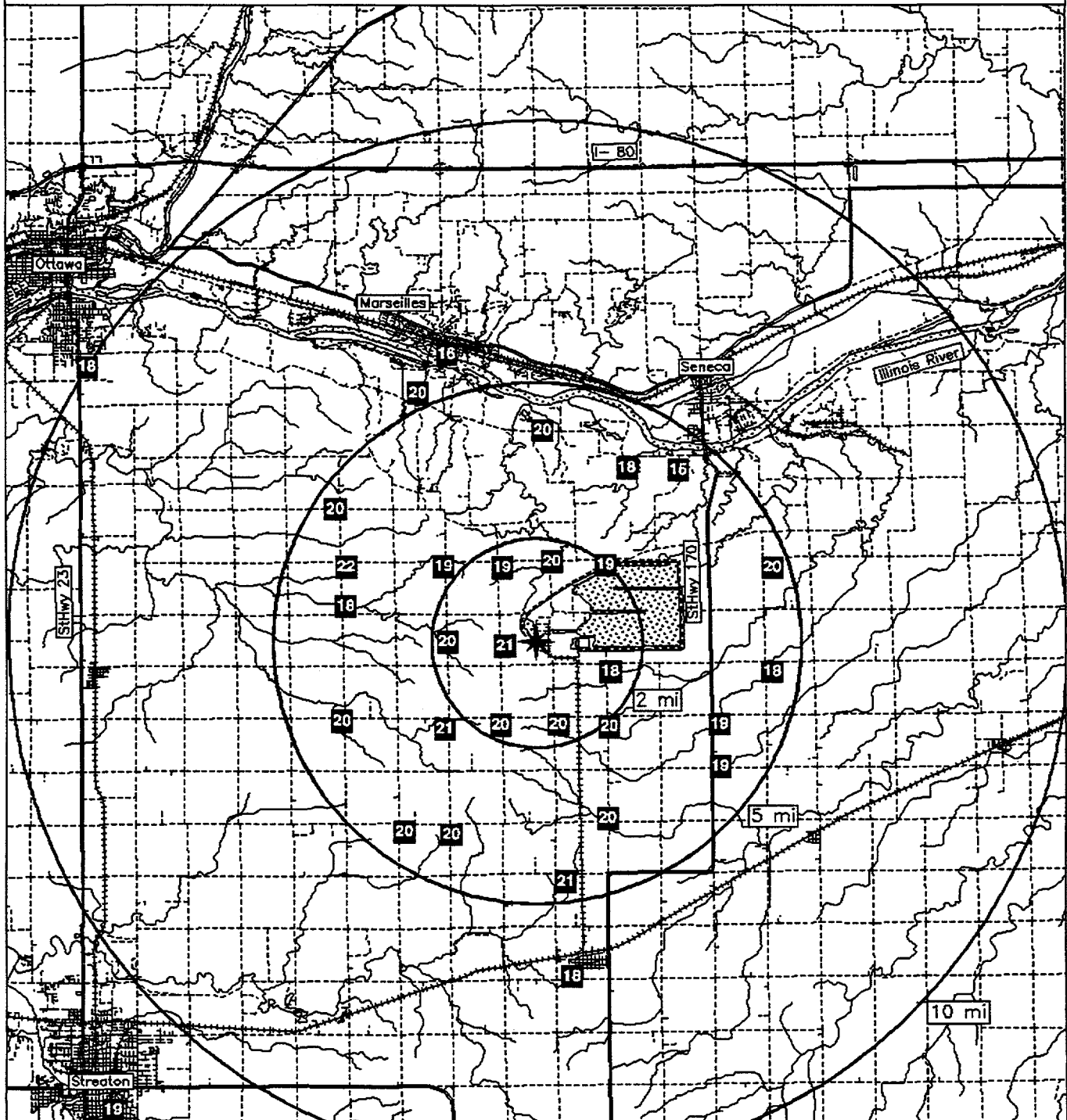
For the period 941204-950420

TLD Direct Radiation Environmental Monitoring

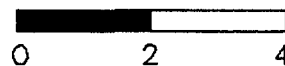
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.0 +- 0.7	3
11.26 - 33.75 NNE	17.6 +- 0.0	1
33.76 - 56.25 NE	17.4 +- 2.8	2
56.26 - 78.75 ENE	19.8 +- 0.0	1
78.76 - 101.25 E	18.4 +- 0.0	1
101.26 - 123.75 ESE	18.5 +- 0.5	2
123.76 - 146.25 SE	19.6 +- 1.0	2
146.26 - 168.75 SSE	19.8 +- 0.3	3
168.76 - 191.25 S	19.4 +- 2.4	2
191.26 - 213.75 SSW	19.9 +- 0.1	2
213.76 - 236.25 SW	20.1 +- 1.1	3
236.26 - 258.75 WSW	20.6 +- 1.0	2
258.76 - 281.25 W	19.8 +- 1.9	3
281.26 - 303.75 WNW	20.8 +- 2.5	3
303.76 - 326.25 NW	19.2 +- 0.5	2
326.26 - 348.75 NNW	18.3 +- 2.1	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.1 +- 1.2	12
2 - 5	19.4 +- 1.5	18
> 5	18.2 +- 1.6	5
Upwind Control	19.6 +- 0.1	3

NRC TLD DOSES FOR LASALLE AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant site

LIMERICK

TLD Direct Radiation Environmental Monitoring

For the period 941207-950406 121 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	115	8.5	26.9	+- 0.8; 4.0	24.3	+- 0.8; 4.8	22.8	+- 1.7
3	85	3.7	24.3	+- 0.7; 3.6	21.7	+- 0.8; 4.5	18.9	+- 1.4
4	46	3.3	22.3	+- 0.7; 3.3	19.7	+- 0.7; 4.3	19.5	+- 1.6
5	20	3.7	Damaged Dosimeter		No Net Data		19.4	+- 1.5
6	7	4.6	22.1	+- 0.7; 3.3	19.6	+- 0.7; 4.3	20.2	+- 1.5
7	340	7.2	20.7	+- 0.6; 3.1	18.1	+- 0.7; 4.1	17.9	+- 1.7
8	332	4.0	22.8	+- 0.7; 3.4	20.2	+- 0.7; 4.3	19.1	+- 1.4
9	313	3.4	22.7	+- 0.7; 3.4	20.1	+- 0.7; 4.3	19.2	+- 1.6
10	291	4.9	24.8	+- 0.7; 3.7	22.2	+- 0.8; 4.6	20.6	+- 1.7
11	304	3.0	28.2	+- 0.8; 4.2	25.5	+- 0.9; 5.0	24.3	+- 1.8
12	316	1.9	21.0	+- 0.6; 3.2	18.5	+- 0.7; 4.2	18.2	+- 1.4
13	347	1.9	23.3	+- 0.7; 3.5	20.7	+- 0.7; 4.4	20.4	+- 1.5
14	339	1.5	20.8	+- 0.6; 3.1	18.3	+- 0.7; 4.1	17.3	+- 1.3
15	41	1.7	21.3	+- 0.6; 3.2	18.8	+- 0.7; 4.2	18.4	+- 1.5
16	66	2.6	21.2	+- 0.6; 3.2	18.7	+- 0.7; 4.2	19.2	+- 1.5
17	5	0.6	20.6	+- 0.6; 3.1	18.1	+- 0.7; 4.1	18.5	+- 1.8
18	300	0.7	20.9	+- 0.6; 3.1	18.4	+- 0.7; 4.1	18.7	+- 1.9
19	291	0.7	22.3	+- 0.7; 3.4	19.8	+- 0.7; 4.3	18.3	+- 1.6
20	260	0.7	21.7	+- 0.7; 3.3	19.2	+- 0.7; 4.2	18.0	+- 1.4
21	234	0.9	21.5	+- 0.6; 3.2	18.9	+- 0.7; 4.2	18.3	+- 1.5
22	210	1.1	22.8	+- 0.7; 3.4	20.2	+- 0.7; 4.3	19.0	+- 1.3
23	174	1.7	21.3	+- 0.6; 3.2	18.7	+- 0.7; 4.2	17.0	+- 1.3
24	149	1.5	20.5	+- 0.6; 3.1	18.0	+- 0.7; 4.1	17.5	+- 1.5
25	124	1.0	23.0	+- 0.7; 3.4	20.4	+- 0.7; 4.4	19.6	+- 1.4
26	114	1.1	23.4	+- 0.7; 3.5	20.8	+- 0.7; 4.4	19.9	+- 1.6
27	160	1.0	21.6	+- 0.6; 3.2	19.0	+- 0.7; 4.2	18.9	+- 1.3
28	81	1.0	21.4	+- 0.6; 3.2	18.9	+- 0.7; 4.2	18.3	+- 1.6
29	51	0.7	22.0	+- 0.7; 3.3	19.5	+- 0.7; 4.3	19.0	+- 1.5
30	144	3.2	Damaged Dosimeter		No Net Data		22.2	+- 1.7
31	158	2.6	21.8	+- 0.7; 3.3	19.3	+- 0.7; 4.2	19.0	+- 2.1
32	153	7.3	20.6	+- 0.6; 3.1	18.1	+- 0.7; 4.1	17.7	+- 1.4
33	186	4.2	20.5	+- 0.6; 3.1	18.0	+- 0.7; 4.1	17.0	+- 1.5
34	194	3.8	19.0	+- 0.6; 2.9	16.5	+- 0.6; 3.9	16.9	+- 1.5
35	229	5.1	22.7	+- 0.7; 3.4	20.1	+- 0.7; 4.3	18.7	+- 1.5
36	251	4.1	26.6	+- 0.8; 4.0	24.0	+- 0.8; 4.8	19.2	+- 1.9
37	270	3.0	19.1	+- 0.6; 2.9	16.6	+- 0.6; 3.9	15.7	+- 1.3
38	293	11.9	23.7	+- 0.7; 3.6	21.1	+- 0.8; 4.5	20.2	+- 1.6
39	293	11.9	23.1	+- 0.7; 3.5	20.5	+- 0.7; 4.4	20.2	+- 1.7
40	293	11.9	23.0	+- 0.7; 3.5	20.4	+- 0.7; 4.4	20.7	+- 1.7
41	126	2.9	18.8	+- 0.6; 2.8	16.3	+- 0.6; 3.9	16.0	+- 1.6
42	111	4.3	22.9	+- 0.7; 3.4	20.3	+- 0.7; 4.4	18.9	+- 1.6

Transit Dose = 2.1 +- 0.3; 2.8

LIMERICK

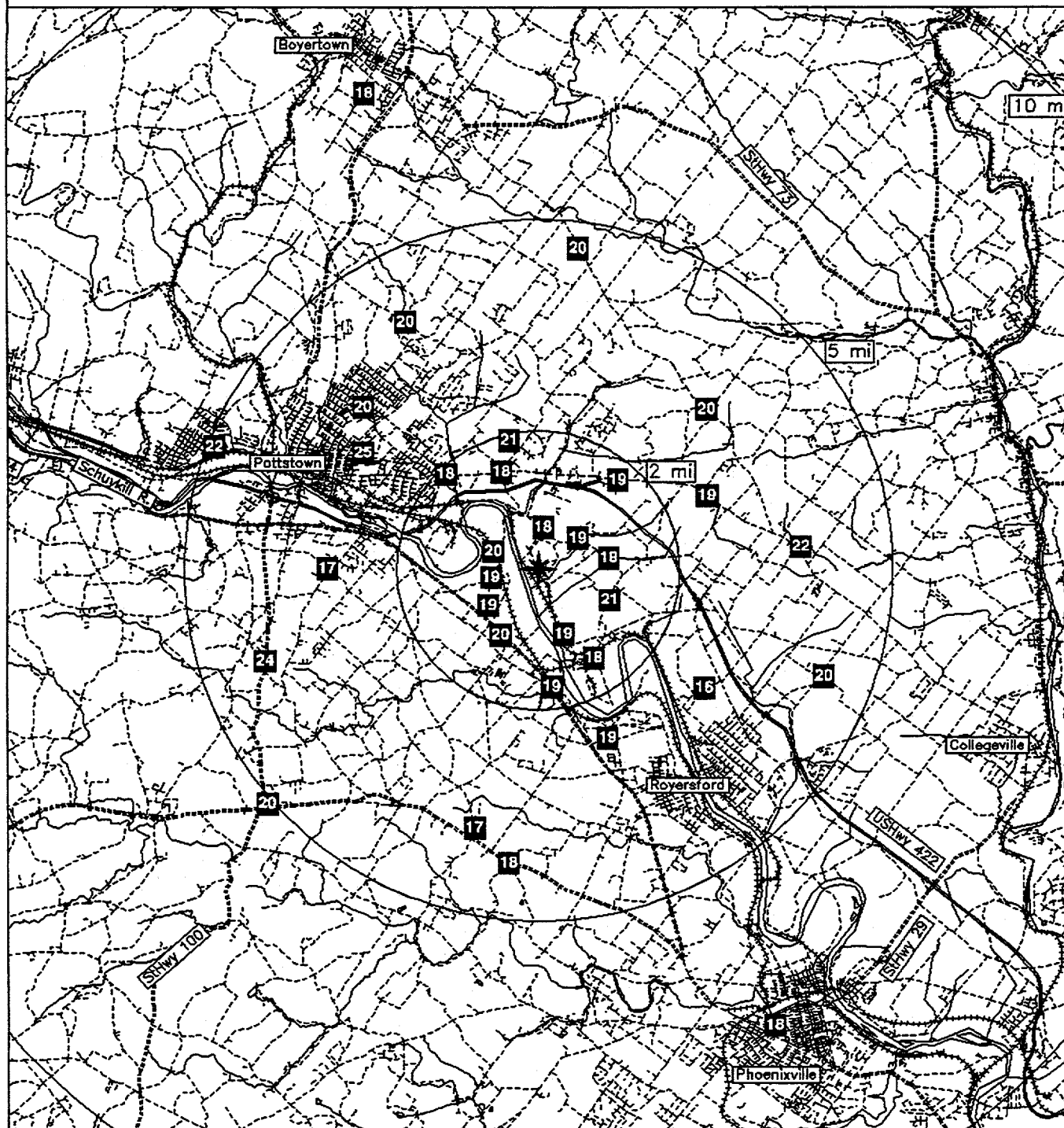
For the period 941207-950406

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.8 +- 1.0	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	19.3 +- 0.5	3
56.26 - 78.75 ENE	18.7 +- 0.0	1
78.76 - 101.25 E	20.3 +- 2.0	2
101.26 - 123.75 ESE	21.8 +- 2.1	3
123.76 - 146.25 SE	18.3 +- 2.9	2
146.26 - 168.75 SSE	18.6 +- 0.7	4
168.76 - 191.25 S	18.4 +- 0.5	2
191.26 - 213.75 SSW	18.4 +- 2.6	2
213.76 - 236.25 SW	19.5 +- 0.8	2
236.26 - 258.75 WSW	24.0 +- 0.0	1
258.76 - 281.25 W	17.9 +- 1.8	2
281.26 - 303.75 WNW	20.1 +- 1.9	3
303.76 - 326.25 NW	21.4 +- 3.7	3
326.26 - 348.75 NNW	19.3 +- 1.3	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.2 +- 0.9	17
2 - 5	19.9 +- 2.6	15
> 5	20.1 +- 2.9	4
Upwind Control	20.7 +- 0.4	3

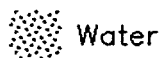
NRC TLD DOSES FOR LIMERICK AREA



Miles

0 2 4

Legend



Water

--- Railroads



Plant site

— Highways

--- Roads

MAINE YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 941206-950503 149 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	340	1.0	26.1 +- 0.8; 3.9		19.1 +- 0.9; 5.0		18.8 +- 2.2	
2	6	1.4	Missing Dosimeter		No Net Data		17.7 +- 2.5	
3	23	1.5	23.2 +- 0.7; 3.5		16.2 +- 0.8; 4.7		17.3 +- 2.1	
4	44	1.8	24.2 +- 0.7; 3.6		17.2 +- 0.8; 4.8		17.2 +- 2.5	
5	116	0.5	23.8 +- 0.7; 3.6		16.8 +- 0.8; 4.7		17.2 +- 2.4	
6	168	1.0	25.3 +- 0.8; 3.8		18.2 +- 0.9; 4.9		18.1 +- 2.3	
7	185	1.6	23.3 +- 0.7; 3.5		16.3 +- 0.8; 4.7		16.7 +- 1.9	
8	195	2.3	24.3 +- 0.7; 3.6		17.3 +- 0.8; 4.8		17.7 +- 2.5	
9	209	3.8	23.5 +- 0.7; 3.5		16.5 +- 0.8; 4.7		17.3 +- 2.1	
10	310	1.7	24.3 +- 0.7; 3.6		17.3 +- 0.8; 4.8		17.3 +- 2.5	
11	290	1.8	27.4 +- 0.8; 4.1		20.3 +- 0.9; 5.1		19.9 +- 2.8	
12	275	1.7	25.8 +- 0.8; 3.9		18.8 +- 0.9; 4.9		18.9 +- 2.3	
13	256	1.9	24.1 +- 0.7; 3.6		17.1 +- 0.8; 4.7		17.6 +- 2.5	
14	232	2.5	25.1 +- 0.8; 3.8		18.0 +- 0.8; 4.9		18.5 +- 1.7	
15	227	5.3	25.3 +- 0.8; 3.8		18.3 +- 0.9; 4.9		18.4 +- 2.6	
16	246	4.4	24.5 +- 0.7; 3.7		17.4 +- 0.8; 4.8		19.5 +- 2.5	
17	250	6.6	30.9 +- 0.9; 4.6		23.7 +- 1.0; 5.5		23.7 +- 2.2	
18	268	4.7	25.2 +- 0.8; 3.8		18.1 +- 0.8; 4.9		18.5 +- 2.3	
19	283	4.4	24.3 +- 0.7; 3.6		17.3 +- 0.8; 4.8		17.9 +- 1.8	
20	305	4.7	23.3 +- 0.7; 3.5		16.3 +- 0.8; 4.7		17.7 +- 2.7	
21	300	2.9	24.6 +- 0.7; 3.7		17.6 +- 0.8; 4.8		18.3 +- 2.5	
22	332	2.7	25.1 +- 0.8; 3.8		18.0 +- 0.8; 4.9		18.9 +- 2.9	
23	20	3.9	23.7 +- 0.7; 3.6		16.7 +- 0.8; 4.7		18.8 +- 2.7	
24	23	3.0	26.1 +- 0.8; 3.9		19.0 +- 0.9; 5.0		19.2 +- 2.6	
25	42	4.7	25.3 +- 0.8; 3.8		18.3 +- 0.9; 4.9		18.8 +- 2.4	
26	60	15.0	23.7 +- 0.7; 3.6		16.7 +- 0.8; 4.7		17.2 +- 2.5	
27	62	16.0	Missing Dosimeter		No Net Data		16.1 +- 2.1	
28	63	16.0	23.7 +- 0.7; 3.6		16.7 +- 0.8; 4.7		17.4 +- 2.2	
29	64	2.1	Missing Dosimeter		No Net Data		20.2 +- 2.7	
30	84	1.5	24.0 +- 0.7; 3.6		17.0 +- 0.8; 4.7		16.8 +- 2.1	
31	115	1.6	24.6 +- 0.7; 3.7		17.6 +- 0.8; 4.8		17.1 +- 2.3	
32	135	2.0	24.3 +- 0.7; 3.6		17.3 +- 0.8; 4.8		16.4 +- 2.2	
33	66	3.5	25.3 +- 0.8; 3.8		18.2 +- 0.9; 4.9		17.8 +- 2.4	
34	97	4.9	26.1 +- 0.8; 3.9		19.0 +- 0.9; 5.0		18.6 +- 2.0	
35	123	4.8	25.3 +- 0.8; 3.8		18.3 +- 0.9; 4.9		18.7 +- 2.0	
36	140	4.9	24.1 +- 0.7; 3.6		17.1 +- 0.8; 4.8		17.5 +- 3.0	
37	151	6.0	25.6 +- 0.8; 3.8		18.5 +- 0.9; 4.9		18.6 +- 2.5	
38	152	4.2	27.2 +- 0.8; 4.1		20.1 +- 0.9; 5.1		19.4 +- 2.3	
39	172	4.9	23.7 +- 0.7; 3.6		16.7 +- 0.8; 4.7		17.5 +- 1.9	
40	156	7.4	26.3 +- 0.8; 3.9		19.2 +- 0.9; 5.0		18.1 +- 2.1	

Transit Dose = 6.6 +- 0.4; 3.2

MAINE YANKEE

For the period 941206-950503

TLD Direct Radiation Environmental Monitoring

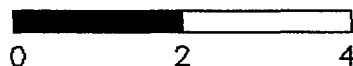
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	17.3 +- 1.5	3
33.76 - 56.25 NE	17.7 +- 0.7	2
56.26 - 78.75 ENE	18.2 +- 0.0	1
78.76 - 101.25 E	18.0 +- 1.4	2
101.26 - 123.75 ESE	17.6 +- 0.7	3
123.76 - 146.25 SE	17.2 +- 0.1	2
146.26 - 168.75 SSE	19.0 +- 0.8	4
168.76 - 191.25 S	16.5 +- 0.3	2
191.26 - 213.75 SSW	16.9 +- 0.6	2
213.76 - 236.25 SW	18.1 +- 0.2	2
236.26 - 258.75 WSW	19.4 +- 3.7	3
258.76 - 281.25 W	18.4 +- 0.4	2
281.26 - 303.75 WNW	18.4 +- 1.7	3
303.76 - 326.25 NW	16.8 +- 0.7	2
326.26 - 348.75 NNW	18.5 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.6 +- 1.2	13
2 - 5	17.8 +- 1.0	18
> 5	19.9 +- 2.6	4
Upwind Control	16.7 +- 0.0	2

NRC TLD DOSES FOR MAINE YANKEE AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

MCGUIRE

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 90 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.			Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.				Hist. Range Net Exp Rate +-1 Std Dev	
1	97	0.5	16.9	+-	0.5; 2.5	10.9	+-	0.6; 4.0		14.2	+- 2.9
2	323	1.6	20.4	+-	0.6; 3.1	14.4	+-	0.7; 4.4		16.7	+- 2.5
3	336	1.7	21.2	+-	0.6; 3.2	15.2	+-	0.8; 4.5		17.7	+- 2.9
4	303	2.9	20.0	+-	0.6; 3.0	14.0	+-	0.7; 4.3		16.1	+- 3.5
5	321	3.9	21.1	+-	0.6; 3.2	15.1	+-	0.8; 4.4		16.3	+- 2.6
6	334	3.7	19.4	+-	0.6; 2.9	13.4	+-	0.7; 4.3		16.0	+- 2.9
7	352	3.5	18.9	+-	0.6; 2.8	12.9	+-	0.7; 4.2		14.4	+- 2.7
8	287	2.0	26.8	+-	0.8; 4.0	20.8	+-	0.9; 5.1		17.7	+- 3.2
9	273	1.9	21.1	+-	0.6; 3.2	15.1	+-	0.8; 4.4		15.7	+- 3.5
10	244	1.7	18.3	+-	0.5; 2.7	12.3	+-	0.7; 4.2		14.6	+- 2.8
11	225	2.1	17.0	+-	0.5; 2.6	11.0	+-	0.6; 4.0		14.3	+- 2.7
12	212	3.6	19.8	+-	0.6; 3.0	13.8	+-	0.7; 4.3		16.0	+- 2.7
13	232	4.4	26.3	+-	0.8; 3.9	20.3	+-	0.9; 5.0		21.7	+- 2.7
14	253	3.7	22.0	+-	0.7; 3.3	16.1	+-	0.8; 4.5		18.9	+- 3.0
15	261	4.2	19.3	+-	0.6; 2.9	13.3	+-	0.7; 4.3		14.7	+- 2.5
16	288	4.3	25.8	+-	0.8; 3.9	19.8	+-	0.9; 5.0		21.8	+- 2.8
17	288	17.0	27.7	+-	0.8; 4.2	21.7	+-	0.9; 5.2		22.5	+- 2.5
18	287	2.0	26.1	+-	0.8; 3.9	20.1	+-	0.9; 5.0		20.7	+- 3.2
19	286	17.0	24.7	+-	0.7; 3.7	18.7	+-	0.8; 4.8		21.7	+- 3.7
20	233	18.0	26.0	+-	0.8; 3.9	20.0	+-	0.9; 5.0		21.4	+- 2.8
21	204	10.0	18.3	+-	0.5; 2.7	12.3	+-	0.7; 4.2		15.6	+- 2.9
22	239	9.5	21.2	+-	0.6; 3.2	15.2	+-	0.8; 4.5		17.1	+- 2.9
23	115	4.9	15.7	+-	0.5; 2.4	9.7	+-	0.6; 3.9		13.0	+- 3.0
24	132	4.9	17.9	+-	0.5; 2.7	11.9	+-	0.7; 4.1		13.6	+- 2.7
25	156	4.0	13.9	+-	0.4; 2.1	7.9	+-	0.6; 3.8		11.5	+- 2.7
26	175	3.7	18.0	+-	0.5; 2.7	12.0	+-	0.7; 4.1		13.7	+- 2.6
27	198	4.3	20.5	+-	0.6; 3.1	14.5	+-	0.7; 4.4		19.0	+- 3.1
28	169	13.0	17.4	+-	0.5; 2.6	11.4	+-	0.7; 4.1		14.2	+- 3.0
29	155	13.0	17.6	+-	0.5; 2.6	11.6	+-	0.7; 4.1		13.9	+- 2.5
30	146	14.0	16.8	+-	0.5; 2.5	10.8	+-	0.6; 4.0		13.2	+- 2.5
31	143	1.9	15.5	+-	0.5; 2.3	9.5	+-	0.6; 3.9		13.4	+- 3.3
32	155	1.3	17.9	+-	0.5; 2.7	11.9	+-	0.7; 4.1		14.3	+- 2.5
33	178	1.6	16.0	+-	0.5; 2.4	10.0	+-	0.6; 3.9		12.8	+- 2.5
34	108	2.0	18.9	+-	0.6; 2.8	12.9	+-	0.7; 4.2		14.6	+- 2.6
35	93	2.2	16.5	+-	0.5; 2.5	10.5	+-	0.6; 4.0		14.1	+- 3.1
36	68	2.5	18.1	+-	0.5; 2.7	12.1	+-	0.7; 4.1		14.4	+- 2.7
37	82	4.7	17.1	+-	0.5; 2.6	11.1	+-	0.7; 4.0		14.2	+- 2.5
38	64	4.9	18.2	+-	0.5; 2.7	12.2	+-	0.7; 4.1		14.3	+- 2.5
39	42	5.0	20.1	+-	0.6; 3.0	14.2	+-	0.7; 4.3		17.8	+- 3.0
40	26	4.3	19.5	+-	0.6; 2.9	13.5	+-	0.7; 4.3		14.8	+- 2.9
41	42	2.0	16.9	+-	0.5; 2.5	10.9	+-	0.6; 4.0		12.5	+- 2.5
42	21	1.6	21.8	+-	0.7; 3.3	15.8	+-	0.8; 4.5		16.6	+- 2.9
43	8	2.6	21.6	+-	0.6; 3.2	15.6	+-	0.8; 4.5		17.7	+- 2.7
44	37	13.0	23.8	+-	0.7; 3.6	17.8	+-	0.8; 4.7		21.2	+- 3.1
45	78	19.0	27.2	+-	0.8; 4.1	21.2	+-	0.9; 5.1		23.5	+- 3.2
46	94	19.0	22.4	+-	0.7; 3.4	16.5	+-	0.8; 4.6		17.5	+- 2.6

Transit Dose = 6.0 +- 0.4; 3.1

MCGUIRE

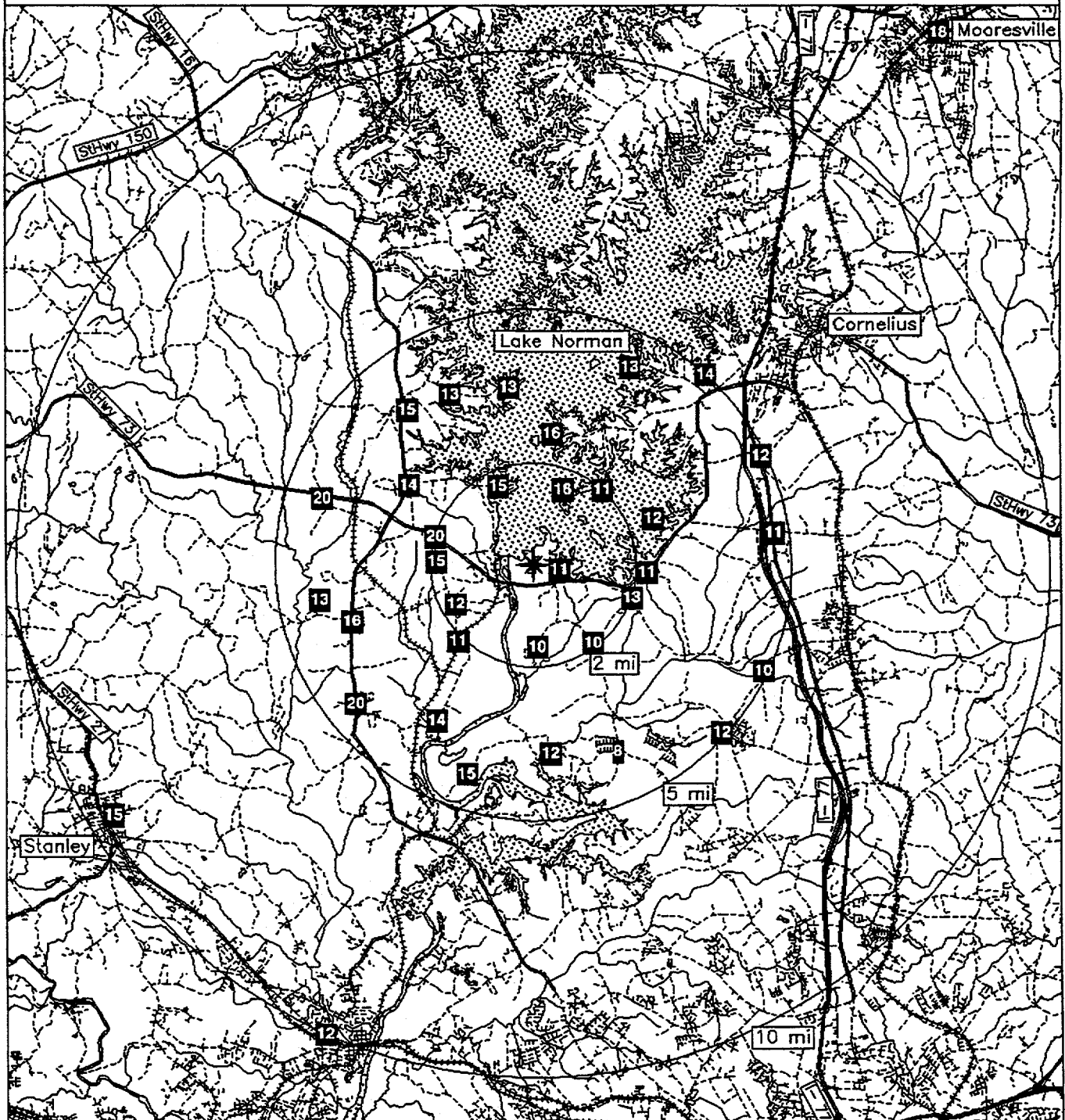
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.2 +- 1.9	2
11.26 - 33.75 NNE	14.6 +- 1.7	2
33.76 - 56.25 NE	14.3 +- 3.4	3
56.26 - 78.75 ENE	15.2 +- 5.2	3
78.76 - 101.25 E	12.2 +- 2.8	4
101.26 - 123.75 ESE	11.3 +- 2.2	2
123.76 - 146.25 SE	10.7 +- 1.2	3
146.26 - 168.75 SSE	10.5 +- 2.2	3
168.76 - 191.25 S	11.1 +- 1.0	3
191.26 - 213.75 SSW	13.5 +- 1.2	3
213.76 - 236.25 SW	17.1 +- 5.3	3
236.26 - 258.75 WSW	14.5 +- 2.0	3
258.76 - 281.25 W	14.2 +- 1.3	2
281.26 - 303.75 WNW	18.2 +- 3.7	3
303.76 - 326.25 NW	14.8 +- 0.5	2
326.26 - 348.75 NNW	14.3 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.3 +- 3.2	12
2 - 5	13.4 +- 2.9	22
> 5	15.2 +- 3.9	9
Upwind Control	20.2 +- 1.5	3

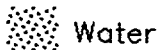
NRC TLD DOSES FOR McGUIRE AREA



Miles

0 2 4

Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

MILLSTONE

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 99 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	0	1.0	25.8 +- 0.8; 3.9		22.5 +- 0.7; 4.4		19.7 +- 1.9	
2	24	1.3	18.8 +- 0.6; 2.8		16.1 +- 0.6; 3.7		15.1 +- 1.7	
3	47	1.5	26.0 +- 0.8; 3.9		22.7 +- 0.8; 4.5		19.5 +- 1.7	
4	60	1.7	24.7 +- 0.7; 3.7		21.5 +- 0.7; 4.3		17.7 +- 1.8	
5	85	1.3	24.3 +- 0.7; 3.6		21.1 +- 0.7; 4.3		18.8 +- 1.6	
6	110	1.8	23.7 +- 0.7; 3.6		20.5 +- 0.7; 4.2		18.4 +- 1.7	
7	67	5.3	24.4 +- 0.7; 3.7		21.2 +- 0.7; 4.3		19.6 +- 2.2	
8	49	5.3	26.1 +- 0.8; 3.9		22.7 +- 0.8; 4.5		19.5 +- 1.9	
9	84	5.2	Damaged Dosimeter		No Net Data		17.8 +- 1.6	
11	232	2.5	21.9 +- 0.7; 3.3		18.9 +- 0.6; 4.0		17.3 +- 1.8	
12	256	2.4	25.1 +- 0.8; 3.8		21.8 +- 0.7; 4.4		19.7 +- 1.7	
13	274	2.2	25.7 +- 0.8; 3.9		22.4 +- 0.7; 4.4		19.5 +- 1.8	
14	295	1.9	26.1 +- 0.8; 3.9		22.7 +- 0.8; 4.5		20.5 +- 2.3	
15	315	1.5	20.8 +- 0.6; 3.1		17.9 +- 0.6; 3.9		15.7 +- 1.8	
16	339	1.2	24.3 +- 0.7; 3.6		21.1 +- 0.7; 4.3		19.6 +- 1.7	
17	353	3.5	24.9 +- 0.7; 3.7		21.7 +- 0.7; 4.3		18.5 +- 1.9	
18	24	3.5	25.5 +- 0.8; 3.8		22.2 +- 0.7; 4.4		19.2 +- 1.9	
19	33	3.0	28.8 +- 0.9; 4.3		25.2 +- 0.8; 4.8		20.4 +- 2.2	
20	82	4.0	22.9 +- 0.7; 3.4		19.9 +- 0.7; 4.1		17.8 +- 1.2	
22	59	3.7	26.2 +- 0.8; 3.9		22.9 +- 0.8; 4.5		20.0 +- 1.9	
28	257	5.8	30.1 +- 0.9; 4.5		26.3 +- 0.9; 4.9		21.5 +- 3.0	
29	272	3.7	28.3 +- 0.8; 4.2		24.7 +- 0.8; 4.7		21.2 +- 2.2	
30	295	3.5	26.2 +- 0.8; 3.9		22.8 +- 0.8; 4.5		20.8 +- 2.1	
31	317	3.6	23.6 +- 0.7; 3.5		20.5 +- 0.7; 4.2		18.0 +- 1.7	
32	327	4.3	29.0 +- 0.9; 4.4		25.4 +- 0.8; 4.8		21.2 +- 1.9	
33	41	4.7	Missing Dosimeter		No Net Data		19.4 +- 1.7	
34	54	5.5	27.8 +- 0.8; 4.2		24.3 +- 0.8; 4.7		20.6 +- 1.9	
37	354	6.8	26.8 +- 0.8; 4.0		23.4 +- 0.8; 4.5		18.9 +- 1.6	
39	1	5.7	24.8 +- 0.7; 3.7		21.5 +- 0.7; 4.3		18.5 +- 1.6	
40	278	8.7	22.2 +- 0.7; 3.3		19.2 +- 0.7; 4.1		16.5 +- 1.7	
41	34	11.0	28.9 +- 0.9; 4.3		25.3 +- 0.8; 4.8		24.0 +- 2.0	
42	84	8.0	25.2 +- 0.8; 3.8		21.9 +- 0.7; 4.4		18.8 +- 1.8	
46	41	0.6	24.5 +- 0.7; 3.7		21.3 +- 0.7; 4.3		18.3 +- 1.8	
48	4	40.0	32.1 +- 1.0; 4.8		28.2 +- 0.9; 5.1		23.8 +- 2.6	
49	4	40.0	31.9 +- 1.0; 4.8		28.0 +- 0.9; 5.1		23.9 +- 2.6	

Transit Dose = 1.1 +- 0.3; 3.0

MILLSTONE

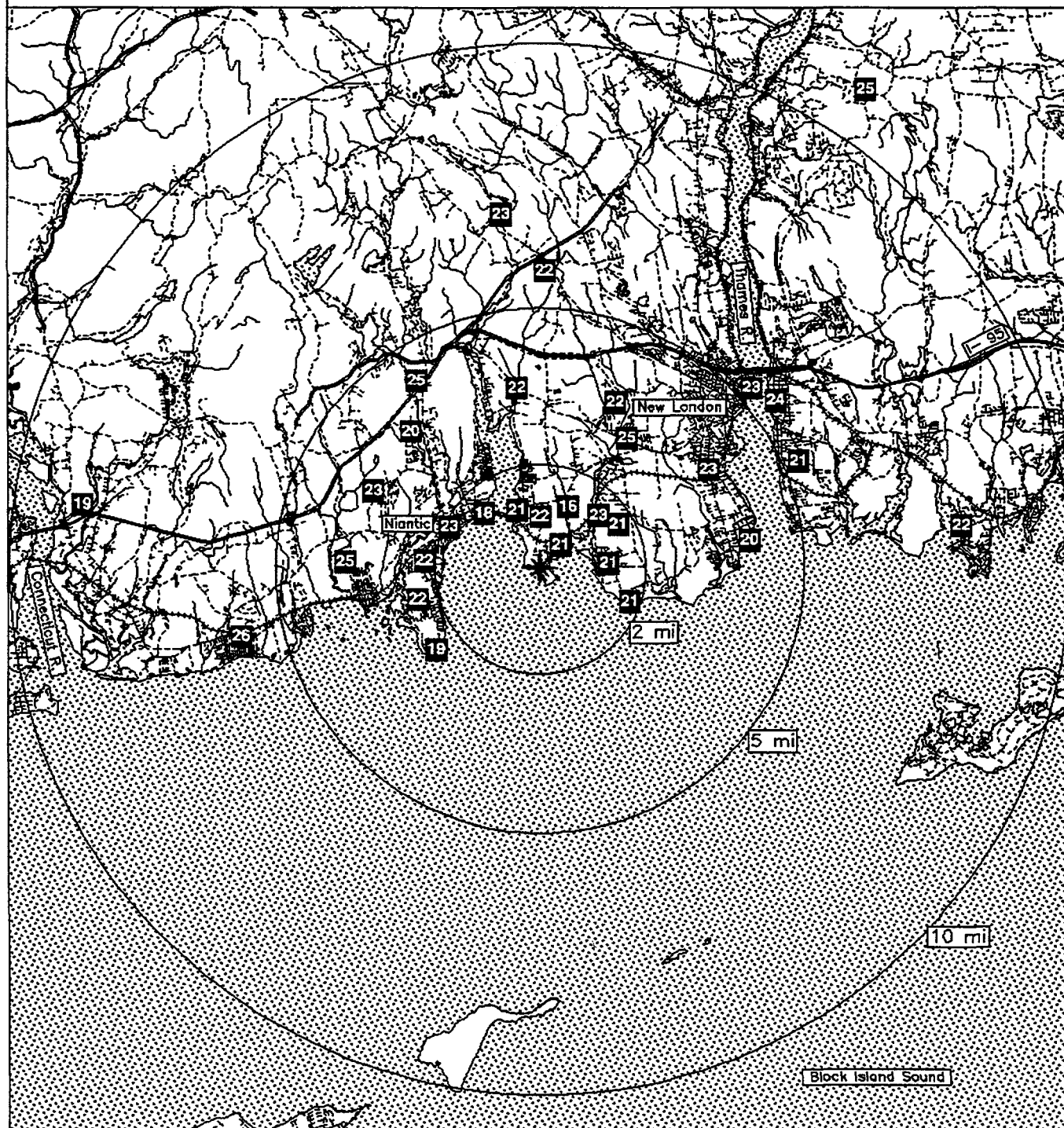
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

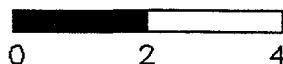
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	22.3 +- 0.9	4
11.26 - 33.75 NNE	21.2 +- 4.7	3
33.76 - 56.25 NE	23.2 +- 1.6	5
56.26 - 78.75 ENE	21.8 +- 0.9	3
78.76 - 101.25 E	21.0 +- 1.0	3
101.26 - 123.75 ESE	20.5 +- 0.0	1
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	18.9 +- 0.0	1
236.26 - 258.75 WSW	24.1 +- 3.2	2
258.76 - 281.25 W	22.1 +- 2.8	3
281.26 - 303.75 WNW	22.7 +- 0.0	2
303.76 - 326.25 NW	19.2 +- 1.8	2
326.26 - 348.75 NNW	23.2 +- 3.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.7 +- 2.2	10
2 - 5	22.4 +- 2.0	12
> 5	22.9 +- 2.2	9
Upwind Control	28.1 +- 0.1	2

NRC TLD DOSES FOR MILLSTONE AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

MONTICELLO

TLD Direct Radiation Environmental Monitoring

For the period 941204-950418 136 Days

Field Time: 80 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	133	3.6	21.0	+- 0.6; 3.1	15.3	+- 0.9; 4.9	16.7	+- 1.3
2	163	4.6	21.5	+- 0.6; 3.2	15.9	+- 0.9; 4.9	17.4	+- 1.3
3	183	4.1	22.2	+- 0.7; 3.3	16.7	+- 0.9; 5.0	17.7	+- 1.3
4	206	4.3	21.7	+- 0.7; 3.3	16.2	+- 0.9; 5.0	17.5	+- 1.4
5	230	4.2	22.4	+- 0.7; 3.4	16.9	+- 0.9; 5.1	18.9	+- 1.8
6	253	4.6	21.8	+- 0.7; 3.3	16.2	+- 0.9; 5.0	17.8	+- 1.5
7	269	4.4	21.2	+- 0.6; 3.2	15.6	+- 0.9; 4.9	17.1	+- 1.5
8	286	4.0	22.0	+- 0.7; 3.3	16.5	+- 0.9; 5.0	18.0	+- 1.5
9	274	1.9	21.5	+- 0.6; 3.2	15.9	+- 0.9; 4.9	16.9	+- 1.3
10	244	1.3	19.5	+- 0.6; 2.9	13.6	+- 0.8; 4.7	15.4	+- 1.4
11	226	0.9	21.7	+- 0.7; 3.3	16.1	+- 0.9; 5.0	16.7	+- 1.4
12	181	1.8	21.3	+- 0.6; 3.2	15.6	+- 0.9; 4.9	17.0	+- 1.4
13	137	1.7	21.4	+- 0.6; 3.2	15.7	+- 0.9; 4.9	17.0	+- 1.4
14	155	1.0	21.3	+- 0.6; 3.2	15.6	+- 0.9; 4.9	17.0	+- 1.2
15	208	0.6	21.3	+- 0.6; 3.2	15.6	+- 0.9; 4.9	16.5	+- 1.3
16	284	2.0	20.9	+- 0.6; 3.1	15.2	+- 0.8; 4.9	16.5	+- 1.2
17	113	1.6	21.4	+- 0.6; 3.2	15.8	+- 0.9; 4.9	16.7	+- 1.7
18	85	1.1	19.7	+- 0.6; 3.0	13.8	+- 0.8; 4.7	16.5	+- 1.3
19	63	1.2	20.1	+- 0.6; 3.0	14.3	+- 0.8; 4.8	16.8	+- 1.4
20	37	1.7	21.5	+- 0.6; 3.2	15.9	+- 0.9; 4.9	16.8	+- 1.1
21	23	0.8	21.0	+- 0.6; 3.1	15.3	+- 0.9; 4.9	16.8	+- 1.3
22	354	0.7	21.2	+- 0.6; 3.2	15.5	+- 0.9; 4.9	17.1	+- 1.4
23	338	0.8	21.1	+- 0.6; 3.2	15.5	+- 0.9; 4.9	17.0	+- 1.4
24	307	1.8	20.8	+- 0.6; 3.1	15.1	+- 0.8; 4.9	16.9	+- 1.5
25	339	4.1	21.5	+- 0.6; 3.2	15.9	+- 0.9; 4.9	16.5	+- 1.3
26	320	6.0	20.8	+- 0.6; 3.1	15.1	+- 0.8; 4.9	16.5	+- 1.5
27	354	4.5	20.6	+- 0.6; 3.1	14.8	+- 0.8; 4.8	16.8	+- 1.5
28	17	3.7	19.8	+- 0.6; 3.0	14.0	+- 0.8; 4.7	15.7	+- 1.4
29	50	4.0	20.6	+- 0.6; 3.1	14.9	+- 0.8; 4.8	15.8	+- 1.6
30	77	3.6	21.7	+- 0.6; 3.2	16.1	+- 0.9; 5.0	16.8	+- 1.4
31	115	3.3	21.7	+- 0.7; 3.3	16.1	+- 0.9; 5.0	16.7	+- 1.3
32	90	4.6	19.9	+- 0.6; 3.0	14.1	+- 0.8; 4.7	15.9	+- 2.1
33	323	16.0	20.2	+- 0.6; 3.0	14.4	+- 0.8; 4.8	16.5	+- 1.5
34	323	16.0	20.5	+- 0.6; 3.1	14.7	+- 0.8; 4.8	16.4	+- 1.4
35	323	16.0	20.9	+- 0.6; 3.1	15.2	+- 0.8; 4.9	17.2	+- 1.5

Transit Dose = 7.4 +- 0.4; 3.0

MONTICELLO

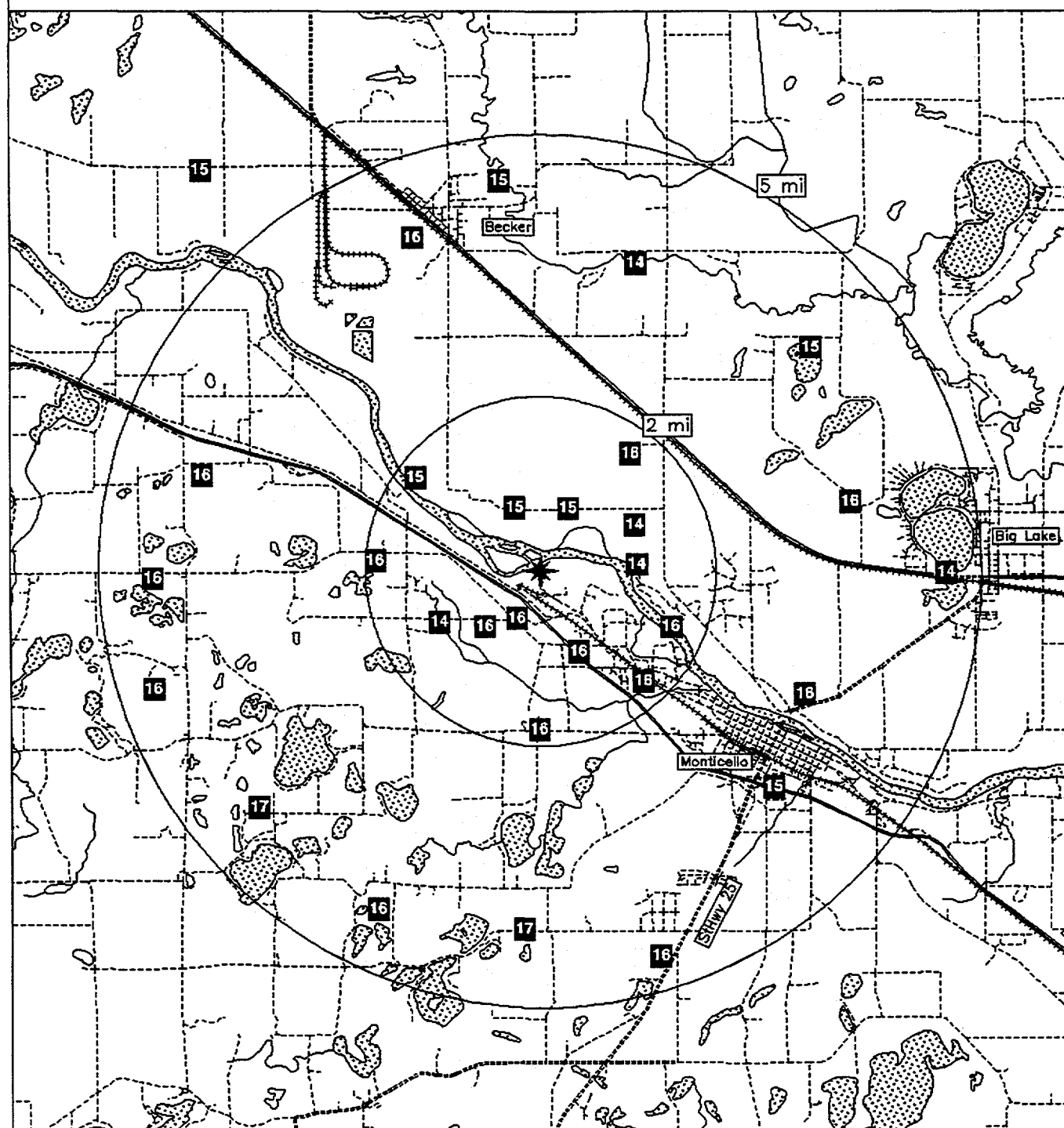
For the period 941204-950418

TLD Direct Radiation Environmental Monitoring

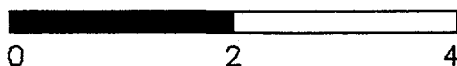
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.2 +- 0.5	2
11.26 - 33.75 NNE	14.6 +- 0.9	2
33.76 - 56.25 NE	15.4 +- 0.7	2
56.26 - 78.75 ENE	15.2 +- 1.3	2
78.76 - 101.25 E	14.0 +- 0.2	2
101.26 - 123.75 ESE	15.9 +- 0.2	2
123.76 - 146.25 SE	15.5 +- 0.3	2
146.26 - 168.75 SSE	15.8 +- 0.2	2
168.76 - 191.25 S	16.1 +- 0.8	2
191.26 - 213.75 SSW	15.9 +- 0.4	2
213.76 - 236.25 SW	16.5 +- 0.6	2
236.26 - 258.75 WSW	14.9 +- 1.8	2
258.76 - 281.25 W	15.7 +- 0.2	2
281.26 - 303.75 WNW	15.8 +- 0.9	2
303.76 - 326.25 NW	15.1 +- 0.0	2
326.26 - 348.75 NNW	15.7 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.3 +- 0.7	16
2 - 5	15.7 +- 0.9	15
> 5	15.1 +- 0.0	1
Upwind Control	14.8 +- 0.4	3

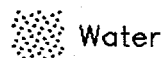
NRC TLD DOSES FOR MONTICELLO AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant site

NORTH ANNA

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	243	1.8	26.9 +- 0.8; 4.0		20.7 +- 0.9; 5.0		21.0 +- 1.5	
2	263	1.6	22.5 +- 0.7; 3.4		16.4 +- 0.8; 4.5		17.8 +- 1.4	
3	296	1.0	23.2 +- 0.7; 3.5		17.1 +- 0.8; 4.6		18.0 +- 1.5	
4	311	1.3	28.9 +- 0.9; 4.3		22.6 +- 0.9; 5.2		22.3 +- 1.4	
5	329	1.3	25.8 +- 0.8; 3.9		19.6 +- 0.9; 4.9		19.0 +- 1.3	
6	231	3.9	27.0 +- 0.8; 4.0		20.8 +- 0.9; 5.0		20.5 +- 1.3	
7	224	1.7	26.1 +- 0.8; 3.9		19.9 +- 0.9; 4.9		19.9 +- 1.4	
8	210	1.6	24.2 +- 0.7; 3.6		18.0 +- 0.8; 4.7		18.2 +- 1.4	
9	181	1.4	22.1 +- 0.7; 3.3		16.0 +- 0.8; 4.5		16.1 +- 1.3	
10	155	1.0	30.5 +- 0.9; 4.6		24.2 +- 1.0; 5.4		23.9 +- 1.5	
11	136	1.6	25.1 +- 0.8; 3.8		18.9 +- 0.8; 4.8		18.2 +- 1.6	
12	163	3.5	25.4 +- 0.8; 3.8		19.2 +- 0.8; 4.8		19.3 +- 1.4	
13	190	3.3	24.5 +- 0.7; 3.7		18.3 +- 0.8; 4.7		17.6 +- 1.4	
14	205	4.9	22.8 +- 0.7; 3.4		16.7 +- 0.8; 4.6		16.9 +- 1.2	
15	140	4.2	25.9 +- 0.8; 3.9		19.7 +- 0.9; 4.9		19.1 +- 1.3	
16	113	4.9	28.5 +- 0.9; 4.3		22.3 +- 0.9; 5.2		22.9 +- 1.6	
17	93	3.3	22.0 +- 0.7; 3.3		15.9 +- 0.8; 4.5		16.1 +- 1.2	
18	64	4.1	26.0 +- 0.8; 3.9		19.9 +- 0.9; 4.9		19.2 +- 1.4	
19	78	2.7	36.0 +- 1.1; 5.4		29.6 +- 1.1; 6.1		28.5 +- 1.5	
20	97	1.9	27.0 +- 0.8; 4.0		20.8 +- 0.9; 5.0		20.3 +- 1.8	
21	105	1.7	22.8 +- 0.7; 3.4		16.7 +- 0.8; 4.6		16.7 +- 1.3	
22	60	2.4	23.0 +- 0.7; 3.4		16.8 +- 0.8; 4.6		17.2 +- 1.3	
23	37	1.4	25.3 +- 0.8; 3.8		19.1 +- 0.8; 4.8		18.9 +- 1.4	
24	16	1.6	30.8 +- 0.9; 4.6		24.5 +- 1.0; 5.5		23.8 +- 1.5	
25	48	3.5	21.9 +- 0.7; 3.3		15.8 +- 0.8; 4.5		15.9 +- 1.9	
26	17	3.7	25.0 +- 0.8; 3.8		18.9 +- 0.8; 4.8		19.3 +- 1.4	
27	3	4.8	24.5 +- 0.7; 3.7		18.3 +- 0.8; 4.7		17.4 +- 1.7	
28	348	4.0	23.9 +- 0.7; 3.6		17.7 +- 0.8; 4.7		17.3 +- 1.3	
29	2	1.9	22.6 +- 0.7; 3.4		16.5 +- 0.8; 4.5		16.8 +- 1.1	
30	284	5.0	22.8 +- 0.7; 3.4		16.7 +- 0.8; 4.6		17.2 +- 1.4	
31	310	4.7	26.3 +- 0.8; 3.9		20.1 +- 0.9; 4.9		20.2 +- 1.7	
32	273	4.9	21.4 +- 0.6; 3.2		15.3 +- 0.7; 4.4		14.3 +- 1.7	
33	257	5.1	24.5 +- 0.7; 3.7		18.4 +- 0.8; 4.7		18.4 +- 1.7	
34	242	7.1	24.1 +- 0.7; 3.6		18.0 +- 0.8; 4.7		19.3 +- 1.6	
35	255	11.0	23.7 +- 0.7; 3.6		17.5 +- 0.8; 4.6		18.2 +- 1.8	
36	248	15.0	25.3 +- 0.8; 3.8		19.1 +- 0.8; 4.8		18.3 +- 1.4	
37	247	17.0	25.1 +- 0.8; 3.8		18.9 +- 0.8; 4.8		17.6 +- 1.3	
38	244	19.0	22.8 +- 0.7; 3.4		16.7 +- 0.8; 4.6		16.7 +- 1.6	

Transit Dose = 5.8 +- 0.4; 3.2

NORTH ANNA

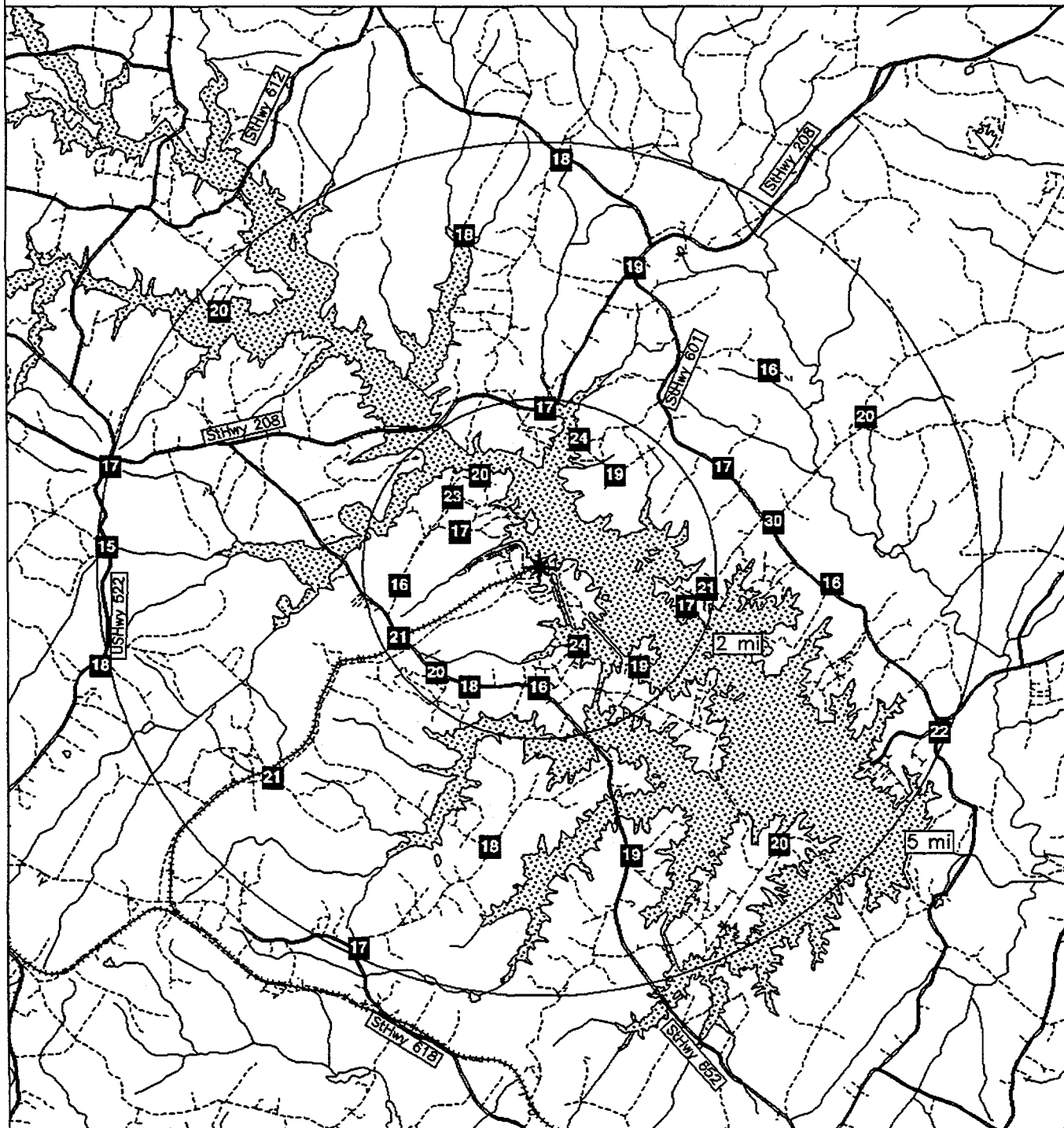
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

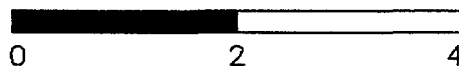
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.4 +- 1.3	2
11.26 - 33.75 NNE	21.7 +- 4.0	2
33.76 - 56.25 NE	17.4 +- 2.3	2
56.26 - 78.75 ENE	22.1 +- 6.7	3
78.76 - 101.25 E	18.3 +- 3.5	2
101.26 - 123.75 ESE	19.5 +- 3.9	2
123.76 - 146.25 SE	19.3 +- 0.5	2
146.26 - 168.75 SSE	21.7 +- 3.5	2
168.76 - 191.25 S	17.1 +- 1.6	2
191.26 - 213.75 SSW	17.4 +- 1.0	2
213.76 - 236.25 SW	20.4 +- 0.6	2
236.26 - 258.75 WSW	18.7 +- 1.4	4
258.76 - 281.25 W	15.9 +- 0.8	2
281.26 - 303.75 WNW	16.9 +- 0.3	2
303.76 - 326.25 NW	21.4 +- 1.8	2
326.26 - 348.75 NNW	18.7 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.4 +- 2.8	15
2 - 5	18.9 +- 3.4	17
> 5	18.0 +- 0.4	3
Upwind Control	18.3 +- 1.4	3

NRC TLD DOSES FOR NORTH ANNA AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

OCONEE

TLD Direct Radiation Environmental Monitoring

For the period 941205-950406 123 Days

Field Time: 86 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.			Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.			Hist. Range Net Exp Rate +-1 Std Dev	
1	158	7.5	27.0	+-	0.8; 4.0	22.3	+-	0.9; 5.3	22.4	+- 2.2
2	133	4.9	29.1	+-	0.9; 4.4	24.5	+-	1.0; 5.5	25.2	+- 1.8
3	119	4.3	29.9	+-	0.9; 4.5	25.4	+-	1.0; 5.6	24.3	+- 1.8
4	84	4.7	30.8	+-	0.9; 4.6	26.3	+-	1.0; 5.8	24.4	+- 1.3
5	65	4.0	29.1	+-	0.9; 4.4	24.5	+-	1.0; 5.5	23.4	+- 2.4
6	52	1.8	28.7	+-	0.9; 4.3	24.0	+-	1.0; 5.5	24.5	+- 2.0
7	22	3.5	30.1	+-	0.9; 4.5	25.5	+-	1.0; 5.7	24.9	+- 1.8
8	33	1.4	30.4	+-	0.9; 4.6	25.9	+-	1.0; 5.7	24.5	+- 2.3
9	52	1.8	23.9	+-	0.7; 3.6	19.0	+-	0.9; 4.9	19.6	+- 1.5
10	67	1.1	23.9	+-	0.7; 3.6	19.1	+-	0.9; 4.9	17.1	+- 2.2
11	107	1.9	23.8	+-	0.7; 3.6	19.0	+-	0.8; 4.9	19.0	+- 1.6
12	87	1.0	25.5	+-	0.8; 3.8	20.7	+-	0.9; 5.1	21.8	+- 1.9
13	142	0.7	27.8	+-	0.8; 4.2	23.1	+-	1.0; 5.4	22.5	+- 1.5
14	166	0.7	Missing Dosimeter			No Net Data			19.2	+- 2.2
15	226	1.7	26.1	+-	0.8; 3.9	21.3	+-	0.9; 5.1	21.7	+- 1.7
16	207	1.4	27.0	+-	0.8; 4.0	22.3	+-	0.9; 5.3	21.1	+- 1.3
17	182	2.2	22.0	+-	0.7; 3.3	17.0	+-	0.8; 4.6	18.2	+- 1.6
18	186	3.8	23.2	+-	0.7; 3.5	18.3	+-	0.8; 4.8	19.2	+- 1.2
19	155	4.1	27.6	+-	0.8; 4.1	23.0	+-	1.0; 5.3	23.6	+- 0.9
20	203	8.4	22.4	+-	0.7; 3.4	17.5	+-	0.8; 4.7	18.0	+- 2.1
21	210	4.6	24.8	+-	0.7; 3.7	20.0	+-	0.9; 5.0	19.2	+- 1.8
22	227	4.8	27.0	+-	0.8; 4.0	22.2	+-	0.9; 5.3	21.3	+- 2.8
23	240	3.6	25.9	+-	0.8; 3.9	21.1	+-	0.9; 5.1	19.9	+- 2.3
24	268	3.6	28.6	+-	0.9; 4.3	23.9	+-	1.0; 5.5	23.7	+- 1.7
25	257	1.9	24.1	+-	0.7; 3.6	19.2	+-	0.9; 4.9	18.8	+- 1.9
26	293	3.6	26.8	+-	0.8; 4.0	22.1	+-	0.9; 5.2	20.9	+- 2.0
27	311	3.5	23.2	+-	0.7; 3.5	18.3	+-	0.8; 4.8	17.8	+- 1.1
28	288	2.0	Missing Dosimeter			No Net Data			19.8	+- 1.7
29	275	1.8	24.6	+-	0.7; 3.7	19.8	+-	0.9; 5.0	19.0	+- 1.3
30	321	1.8	26.9	+-	0.8; 4.0	22.2	+-	0.9; 5.2	21.4	+- 1.6
31	344	2.0	21.2	+-	0.6; 3.2	16.2	+-	0.8; 4.6	17.1	+- 1.6
32	336	3.7	Missing Dosimeter			No Net Data			25.7	+- 2.1
33	358	4.5	25.2	+-	0.8; 3.8	20.4	+-	0.9; 5.0	21.1	+- 2.0
34	256	9.4	32.3	+-	1.0; 4.8	27.9	+-	1.1; 6.0	27.3	+- 2.0
35	149	21.0	28.6	+-	0.9; 4.3	24.0	+-	1.0; 5.5	22.4	+- 2.1
36	126	8.2	31.5	+-	0.9; 4.7	27.0	+-	1.1; 5.8	24.2	+- 1.9
37	96	9.7	30.2	+-	0.9; 4.5	25.7	+-	1.0; 5.7	24.0	+- 1.5
38	32	16.0	34.6	+-	1.0; 5.2	30.3	+-	1.2; 6.3	29.8	+- 3.0
39	31	16.0	29.3	+-	0.9; 4.4	24.7	+-	1.0; 5.6	25.0	+- 2.8
40	29	16.0	32.3	+-	1.0; 4.8	27.8	+-	1.1; 5.9	26.9	+- 1.6

Transit Dose = 5.7 +- 0.4; 3.0

OCONEE

For the period 941205-950406

TLD Direct Radiation Environmental Monitoring

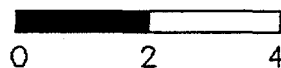
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.4 +- 0.0	1
11.26 - 33.75 NNE	25.7 +- 0.3	2
33.76 - 56.25 NE	21.5 +- 3.5	2
56.26 - 78.75 ENE	21.8 +- 3.8	2
78.76 - 101.25 E	24.2 +- 3.0	3
101.26 - 123.75 ESE	22.2 +- 4.5	2
123.76 - 146.25 SE	24.9 +- 2.0	3
146.26 - 168.75 SSE	23.1 +- 0.9	3
168.76 - 191.25 S	17.6 +- 0.9	2
191.26 - 213.75 SSW	19.9 +- 2.4	3
213.76 - 236.25 SW	21.8 +- 0.7	2
236.26 - 258.75 WSW	22.7 +- 4.5	3
258.76 - 281.25 W	21.9 +- 2.9	2
281.26 - 303.75 WNW	22.1 +- 0.0	1
303.76 - 326.25 NW	20.2 +- 2.7	2
326.26 - 348.75 NNW	16.2 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.9 +- 2.6	13
2 - 5	22.2 +- 2.9	15
> 5	24.0 +- 3.8	6
Upwind Control	27.6 +- 2.8	3

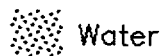
NRC TLD DOSES FOR OCONEE AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

OYSTER CREEK

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist		Exposure (mR)		(mR/Std. Qtr.)		Net Exp Rate	
	(Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+1 Std Dev	
1	141	0.5	13.6 +- 0.4; 2.0		11.5 +- 0.5; 3.4		11.3 +- 1.2	
2	120	0.9	13.0 +- 0.4; 1.9		10.8 +- 0.5; 3.4		11.4 +- 1.5	
3	105	1.5	14.5 +- 0.4; 2.2		12.4 +- 0.5; 3.5		12.5 +- 1.3	
4	127	1.5	13.3 +- 0.4; 2.0		11.2 +- 0.5; 3.4		11.4 +- 1.2	
5	137	1.3	15.0 +- 0.4; 2.2		12.8 +- 0.5; 3.5		11.9 +- 1.5	
6	158	1.2	14.1 +- 0.4; 2.1		11.9 +- 0.5; 3.4		11.5 +- 1.2	
7	176	2.2	15.6 +- 0.5; 2.3		13.5 +- 0.5; 3.6		12.1 +- 1.5	
8	179	1.6	14.1 +- 0.4; 2.1		12.0 +- 0.5; 3.5		11.8 +- 1.3	
9	159	2.8	13.2 +- 0.4; 2.0		11.0 +- 0.5; 3.4		10.7 +- 1.3	
10	187	8.4	14.1 +- 0.4; 2.1		11.9 +- 0.5; 3.4		11.8 +- 1.4	
11	173	4.4	14.2 +- 0.4; 2.1		12.0 +- 0.5; 3.5		11.9 +- 1.4	
12	196	4.2	13.8 +- 0.4; 2.1		11.7 +- 0.5; 3.4		12.0 +- 1.4	
13	198	8.6	13.1 +- 0.4; 2.0		11.0 +- 0.5; 3.4		11.0 +- 1.3	
14	185	10.0	14.7 +- 0.4; 2.2		12.6 +- 0.5; 3.5		13.6 +- 1.5	
15	171	11.0	14.4 +- 0.4; 2.2		12.2 +- 0.5; 3.5		11.3 +- 1.1	
16	154	8.2	14.4 +- 0.4; 2.2		12.3 +- 0.5; 3.5		11.9 +- 1.5	
17	126	6.3	15.4 +- 0.5; 2.3		13.2 +- 0.5; 3.6		12.6 +- 1.6	
18	220	4.6	15.5 +- 0.5; 2.3		13.3 +- 0.5; 3.6		11.3 +- 1.5	
19	231	2.3	13.5 +- 0.4; 2.0		11.3 +- 0.5; 3.4		11.4 +- 0.8	
20	211	1.6	Missing Dosimeter		No Net Data		10.9 +- 1.2	
22	258	1.5	13.9 +- 0.4; 2.1		11.8 +- 0.5; 3.4		11.4 +- 1.3	
23	271	1.2	13.0 +- 0.4; 1.9		10.9 +- 0.5; 3.4		11.2 +- 1.3	
24	297	1.3	13.4 +- 0.4; 2.0		11.2 +- 0.5; 3.4		11.9 +- 1.4	
25	318	1.5	13.1 +- 0.4; 2.0		10.9 +- 0.5; 3.4		10.9 +- 1.3	
26	341	3.2	15.0 +- 0.5; 2.3		12.8 +- 0.5; 3.5		13.1 +- 1.6	
27	330	4.6	15.4 +- 0.5; 2.3		13.2 +- 0.5; 3.6		12.0 +- 1.3	
28	358	3.2	14.2 +- 0.4; 2.1		12.1 +- 0.5; 3.5		11.1 +- 1.3	
29	4	1.8	14.0 +- 0.4; 2.1		11.8 +- 0.5; 3.4		11.6 +- 1.2	
30	19	0.8	13.7 +- 0.4; 2.1		11.5 +- 0.5; 3.4		11.6 +- 1.3	
31	69	1.4	15.1 +- 0.5; 2.3		12.9 +- 0.5; 3.5		12.2 +- 1.8	
32	78	2.5	14.4 +- 0.4; 2.2		12.3 +- 0.5; 3.5		10.7 +- 1.2	
33	85	2.2	12.9 +- 0.4; 1.9		10.7 +- 0.5; 3.3		11.0 +- 1.4	
34	38	1.7	13.9 +- 0.4; 2.1		11.8 +- 0.5; 3.4		11.5 +- 1.3	
35	24	1.9	13.9 +- 0.4; 2.1		11.7 +- 0.5; 3.4		12.4 +- 1.5	
36	50	3.0	13.8 +- 0.4; 2.1		11.6 +- 0.5; 3.4		12.3 +- 1.8	
37	46	4.8	12.5 +- 0.4; 1.9		10.4 +- 0.5; 3.3		11.0 +- 1.1	
38	27	4.0	14.0 +- 0.4; 2.1		11.8 +- 0.5; 3.4		12.6 +- 1.5	
39	12	8.9	13.7 +- 0.4; 2.1		11.6 +- 0.5; 3.4		12.3 +- 1.4	
40	10	8.7	14.0 +- 0.4; 2.1		11.9 +- 0.5; 3.4		11.2 +- 1.2	
41	3	9.9	14.8 +- 0.4; 2.2		12.6 +- 0.5; 3.5		12.0 +- 1.5	
42	38	10.0	15.0 +- 0.4; 2.2		12.8 +- 0.5; 3.5		12.3 +- 1.5	
43	46	9.1	16.5 +- 0.5; 2.5		14.3 +- 0.6; 3.7		14.3 +- 1.4	
44	73	6.5	13.6 +- 0.4; 2.0		11.4 +- 0.5; 3.4		10.9 +- 1.3	
45	79	6.0	14.6 +- 0.4; 2.2		12.5 +- 0.5; 3.5		12.4 +- 1.3	
46	278	20.0	15.1 +- 0.5; 2.3		13.0 +- 0.5; 3.5		12.4 +- 0.7	
47	278	20.0	14.6 +- 0.4; 2.2		12.4 +- 0.5; 3.5		12.5 +- 0.5	

Transit Dose = 1.9 +- 0.3; 2.8

OYSTER CREEK

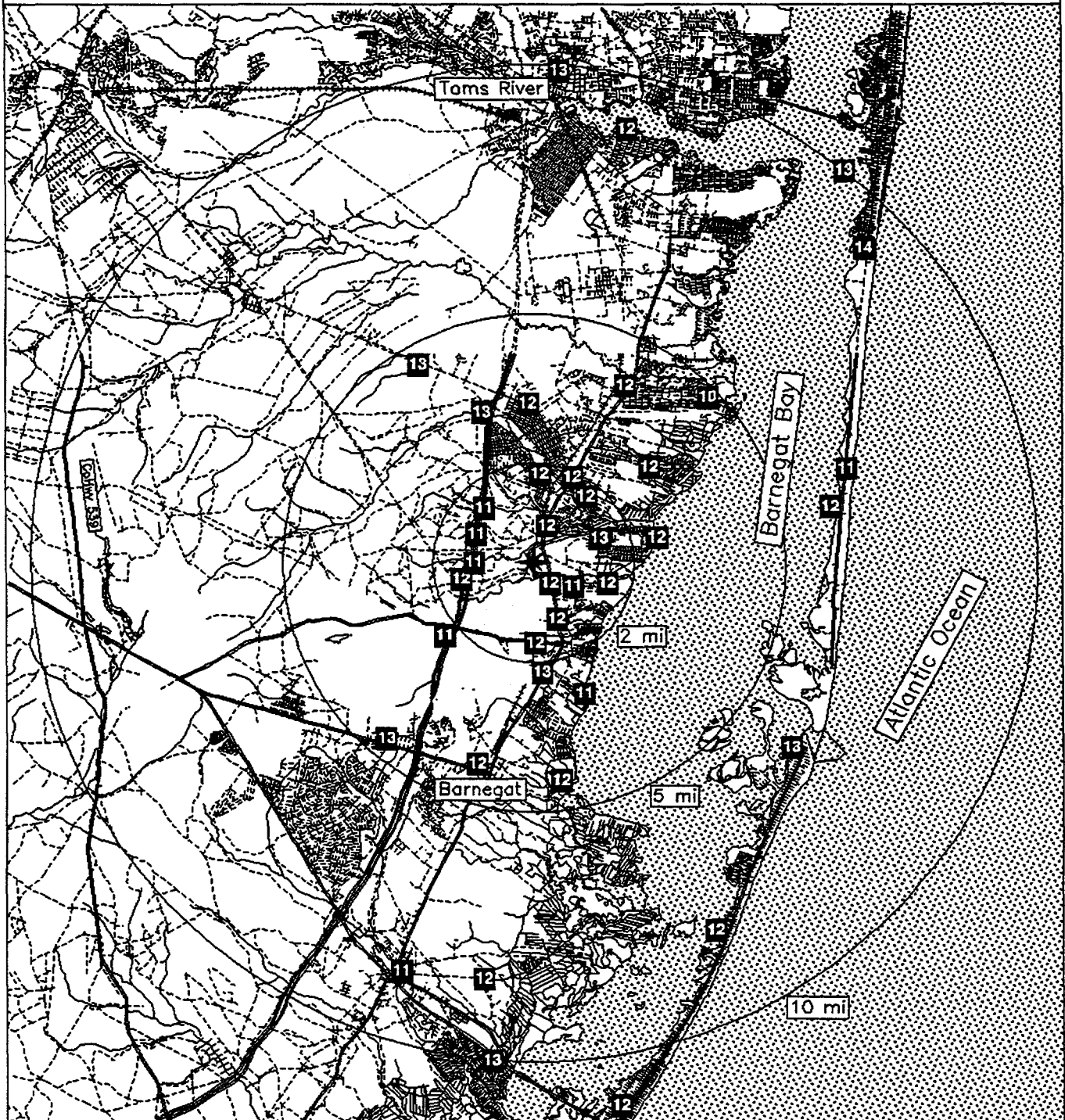
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

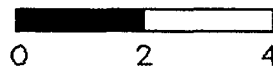
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.1 +- 0.4	4
11.26 - 33.75 NNE	11.6 +- 0.1	4
33.76 - 56.25 NE	12.2 +- 1.4	5
56.26 - 78.75 ENE	12.2 +- 0.7	3
78.76 - 101.25 E	11.6 +- 1.2	2
101.26 - 123.75 ESE	11.6 +- 1.1	2
123.76 - 146.25 SE	12.2 +- 1.0	4
146.26 - 168.75 SSE	11.7 +- 0.6	3
168.76 - 191.25 S	12.4 +- 0.6	6
191.26 - 213.75 SSW	11.3 +- 0.5	2
213.76 - 236.25 SW	12.3 +- 1.4	2
236.26 - 258.75 WSW	11.8 +- 0.0	1
258.76 - 281.25 W	10.9 +- 0.0	1
281.26 - 303.75 WNW	11.2 +- 0.0	1
303.76 - 326.25 NW	10.9 +- 0.0	1
326.26 - 348.75 NNW	13.0 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.7 +- 0.6	16
2 - 5	12.0 +- 0.9	14
> 5	12.3 +- 0.8	13
Upwind Control	12.7 +- 0.4	2

NRC TLD DOSES FOR OYSTER CREEK AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

PALISADES

TLD Direct Radiation Environmental Monitoring

For the period 941205-950418 135 Days

Field Time: 71 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	195 4.9	17.6 +- 0.5; 2.6	12.8 +- 0.8; 4.8	13.1 +- 1.3
2	173 4.6	18.5 +- 0.6; 2.8	13.9 +- 0.9; 5.0	13.5 +- 1.5
3	156 3.9	19.7 +- 0.6; 3.0	15.4 +- 0.9; 5.1	14.7 +- 1.5
4	132 4.6	18.4 +- 0.6; 2.8	13.8 +- 0.9; 4.9	13.8 +- 1.4
5	118 3.3	19.0 +- 0.6; 2.8	14.5 +- 0.9; 5.0	14.7 +- 1.6
6	152 1.8	18.2 +- 0.5; 2.7	13.5 +- 0.9; 4.9	13.4 +- 1.6
7	196 2.2	17.8 +- 0.5; 2.7	13.0 +- 0.8; 4.9	13.1 +- 1.5
8	178 1.6	17.9 +- 0.5; 2.7	13.1 +- 0.8; 4.9	14.0 +- 1.7
9	200 0.9	18.2 +- 0.5; 2.7	13.6 +- 0.9; 4.9	13.5 +- 1.5
10	124 1.8	18.7 +- 0.6; 2.8	14.2 +- 0.9; 5.0	13.8 +- 2.2
11	107 1.6	18.2 +- 0.5; 2.7	13.5 +- 0.9; 4.9	14.2 +- 1.4
12	90 1.5	19.0 +- 0.6; 2.8	14.5 +- 0.9; 5.0	13.0 +- 1.4
13	65 1.7	18.2 +- 0.5; 2.7	13.4 +- 0.9; 4.9	13.7 +- 1.6
14	51 1.9	Missing Dosimeter	No Net Data	13.3 +- 1.0
15	74 3.7	19.7 +- 0.6; 3.0	15.4 +- 0.9; 5.1	12.7 +- 1.6
16	90 3.6	17.9 +- 0.5; 2.7	13.1 +- 0.8; 4.9	12.6 +- 1.8
17	98 10.0	19.4 +- 0.6; 2.9	15.1 +- 0.9; 5.1	14.8 +- 1.4
18	47 4.5	19.1 +- 0.6; 2.9	14.6 +- 0.9; 5.0	15.4 +- 1.3
19	23 1.5	20.3 +- 0.6; 3.0	16.1 +- 0.9; 5.2	12.7 +- 1.7
20	32 4.8	19.3 +- 0.6; 2.9	14.9 +- 0.9; 5.1	15.3 +- 1.6
21	29 7.0	18.2 +- 0.5; 2.7	13.5 +- 0.9; 4.9	14.4 +- 1.0
22	99 15.0	19.4 +- 0.6; 2.9	15.0 +- 0.9; 5.1	14.8 +- 1.5
23	98 18.0	19.6 +- 0.6; 2.9	15.2 +- 0.9; 5.1	14.8 +- 1.4
24	98 18.0	17.9 +- 0.5; 2.7	13.2 +- 0.9; 4.9	14.6 +- 1.4

Transit Dose = 7.6 +- 0.4; 2.8

PALISADES

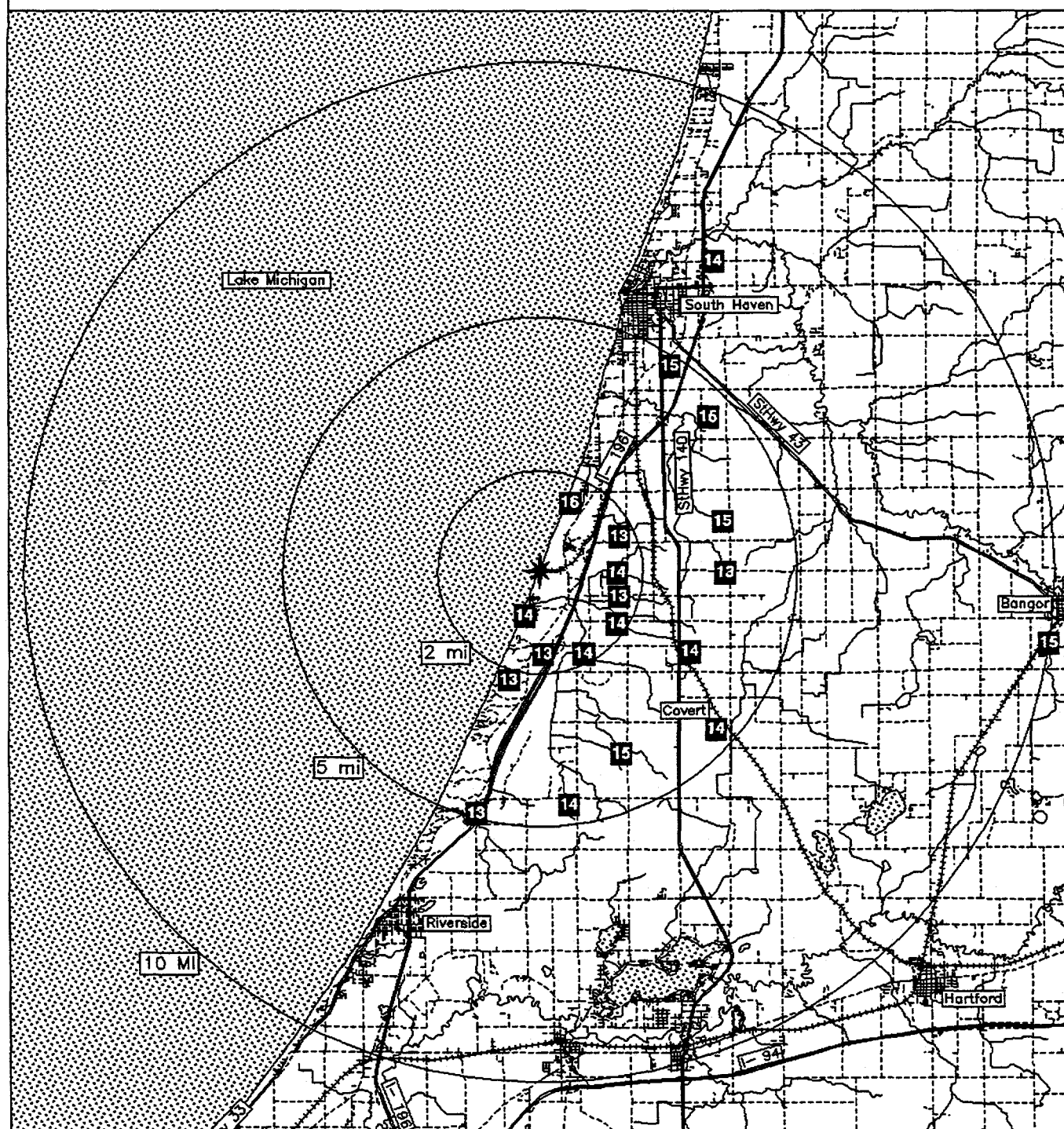
For the period 941205-950418

TLD Direct Radiation Environmental Monitoring

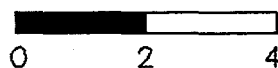
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	14.9 +- 1.3	3
33.76 - 56.25 NE	14.6 +- 0.0	1
56.26 - 78.75 ENE	14.4 +- 1.4	2
78.76 - 101.25 E	14.2 +- 1.0	3
101.26 - 123.75 ESE	14.0 +- 0.7	2
123.76 - 146.25 SE	14.0 +- 0.3	2
146.26 - 168.75 SSE	14.5 +- 1.3	2
168.76 - 191.25 S	13.5 +- 0.6	2
191.26 - 213.75 SSW	13.1 +- 0.4	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.0 +- 1.0	8
2 - 5	14.1 +- 1.0	10
> 5	14.3 +- 1.1	2
Upwind Control	14.5 +- 1.1	3

NRC TLD DOSES FOR PALISADES AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

PALO VERDE

TLD Direct Radiation Environmental Monitoring

For the period 941203-950410 129 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	74	23.0	25.0 +- 0.8; 3.8		20.9 +- 0.8; 4.7		20.1 +- 1.5	
2	92	21.0	25.2 +- 0.8; 3.8		21.1 +- 0.8; 4.7		20.7 +- 1.7	
3	89	15.0	24.3 +- 0.7; 3.6		20.3 +- 0.8; 4.6		20.2 +- 1.7	
4	103	11.0	24.9 +- 0.7; 3.7		20.8 +- 0.8; 4.7		20.4 +- 1.7	
5	140	7.4	25.4 +- 0.8; 3.8		21.3 +- 0.8; 4.7		21.5 +- 1.7	
6	142	3.1	25.8 +- 0.8; 3.9		21.7 +- 0.8; 4.8		20.6 +- 1.6	
7	162	2.6	25.0 +- 0.8; 3.8		20.9 +- 0.8; 4.7		20.6 +- 1.6	
8	168	2.6	25.9 +- 0.8; 3.9		21.8 +- 0.8; 4.8		20.9 +- 1.8	
9	193	2.6	26.4 +- 0.8; 4.0		22.3 +- 0.8; 4.8		22.3 +- 1.6	
10	215	3.1	27.3 +- 0.8; 4.1		23.2 +- 0.9; 4.9		22.1 +- 1.7	
11	200	1.7	27.6 +- 0.8; 4.1		23.4 +- 0.9; 5.0		22.3 +- 1.7	
12	214	1.0	27.2 +- 0.8; 4.1		23.1 +- 0.9; 4.9		21.5 +- 1.6	
13	242	0.7	27.9 +- 0.8; 4.2		23.7 +- 0.9; 5.0		23.6 +- 1.8	
14	263	0.6	24.8 +- 0.7; 3.7		20.8 +- 0.8; 4.7		22.0 +- 1.7	
15	295	0.6	26.5 +- 0.8; 4.0		22.4 +- 0.8; 4.9		21.5 +- 1.7	
16	325	1.0	24.7 +- 0.7; 3.7		20.6 +- 0.8; 4.6		21.5 +- 1.5	
17	347	1.8	28.0 +- 0.8; 4.2		23.8 +- 0.9; 5.0		22.3 +- 1.8	
18	0	2.4	26.4 +- 0.8; 4.0		22.3 +- 0.8; 4.8		22.8 +- 1.6	
19	18	1.5	24.6 +- 0.7; 3.7		20.5 +- 0.8; 4.6		20.3 +- 1.5	
20	37	2.0	Damaged Dosimeter		No Net Data		21.4 +- 1.3	
21	58	2.3	25.7 +- 0.8; 3.8		21.6 +- 0.8; 4.7		22.4 +- 1.6	
22	75	2.8	26.5 +- 0.8; 4.0		22.4 +- 0.8; 4.8		22.8 +- 1.4	
23	93	4.4	27.1 +- 0.8; 4.1		23.0 +- 0.9; 4.9		21.9 +- 1.7	
24	101	3.3	26.7 +- 0.8; 4.0		22.6 +- 0.8; 4.9		21.8 +- 2.2	
25	346	2.9	26.3 +- 0.8; 3.9		22.2 +- 0.8; 4.8		21.7 +- 1.6	
26	334	4.3	28.6 +- 0.9; 4.3		24.4 +- 0.9; 5.1		24.2 +- 1.6	
27	333	7.9	31.1 +- 0.9; 4.7		26.9 +- 1.0; 5.4		24.8 +- 2.4	
28	0	7.0	28.1 +- 0.8; 4.2		24.0 +- 0.9; 5.0		22.7 +- 1.7	
29	9	4.2	27.4 +- 0.8; 4.1		23.3 +- 0.9; 5.0		23.6 +- 1.7	
30	27	3.6	27.0 +- 0.8; 4.1		22.9 +- 0.9; 4.9		23.2 +- 1.8	
31	49	3.5	26.3 +- 0.8; 3.9		22.2 +- 0.8; 4.8		23.3 +- 1.5	
32	120	3.3	27.6 +- 0.8; 4.1		23.5 +- 0.9; 5.0		24.1 +- 1.7	

Transit Dose = 3.6 +- 0.3; 3.0

PALO VERDE

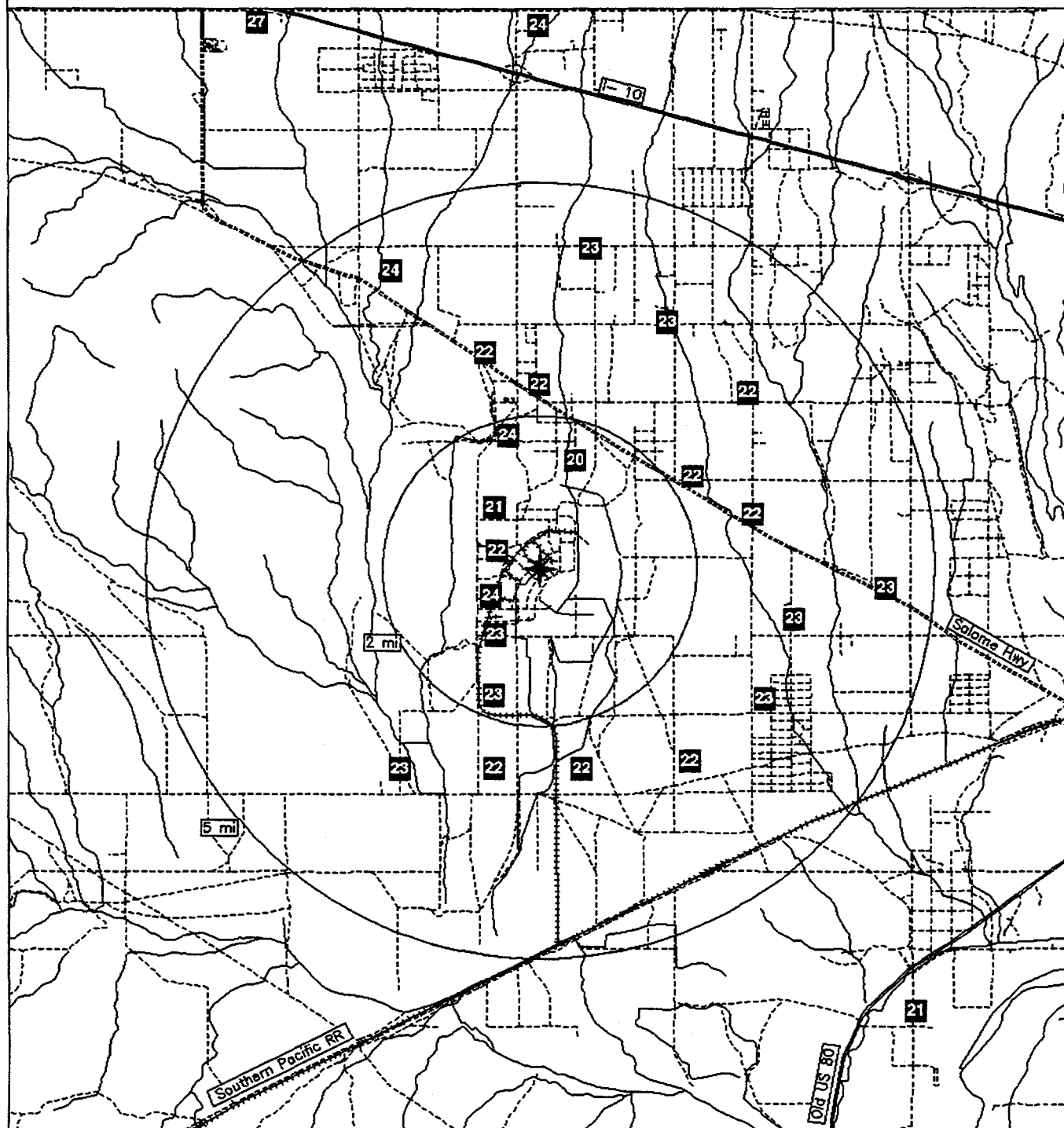
For the period 941203-950410

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	23.2 +- 0.9	3
11.26 - 33.75 NNE	21.7 +- 1.7	2
33.76 - 56.25 NE	22.2 +- 0.0	1
56.26 - 78.75 ENE	22.0 +- 0.6	2
78.76 - 101.25 E	22.8 +- 0.3	2
101.26 - 123.75 ESE	22.1 +- 1.9	2
123.76 - 146.25 SE	21.5 +- 0.3	2
146.26 - 168.75 SSE	21.4 +- 0.6	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	22.9 +- 0.8	2
213.76 - 236.25 SW	23.1 +- 0.1	2
236.26 - 258.75 WSW	23.7 +- 0.0	1
258.76 - 281.25 W	20.8 +- 0.0	1
281.26 - 303.75 WNW	22.4 +- 0.0	1
303.76 - 326.25 NW	20.6 +- 0.0	1
326.26 - 348.75 NNW	24.3 +- 2.0	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	22.3 +- 1.4	8
2 - 5	22.5 +- 0.9	16
> 5	23.2 +- 2.8	4
Upwind Control	20.8 +- 0.5	3

NRC TLD DOSES FOR PALO VERDE AREA



Miles

0 2 4

Legend

— Highways

..... Railroads

---- Roads

★ Plant..site

PEACH BOTTOM

TLD Direct Radiation Environmental Monitoring

For the period 941207-950406 121 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	330	10.3	21.6 +- 0.6; 3.2		18.9 +- 0.7; 4.2		16.0 +- 1.5	
2	33	10.5	19.6 +- 0.6; 2.9		16.9 +- 0.6; 4.0		17.1 +- 1.2	
3	21	4.8	20.3 +- 0.6; 3.0		17.6 +- 0.7; 4.1		17.8 +- 1.5	
4	3	5.0	19.4 +- 0.6; 2.9		16.7 +- 0.6; 4.0		17.0 +- 1.5	
5	344	4.1	21.2 +- 0.6; 3.2		18.4 +- 0.7; 4.2		17.4 +- 1.4	
6	1	2.2	22.2 +- 0.7; 3.3		19.5 +- 0.7; 4.3		19.0 +- 1.4	
7	26	2.4	20.8 +- 0.6; 3.1		18.1 +- 0.7; 4.1		18.0 +- 1.3	
8	55	2.8	21.2 +- 0.6; 3.2		18.5 +- 0.7; 4.2		18.6 +- 1.5	
9	42	2.0	19.9 +- 0.6; 3.0		17.2 +- 0.7; 4.0		17.2 +- 1.3	
10	62	1.7	22.7 +- 0.7; 3.4		19.9 +- 0.7; 4.3		18.7 +- 2.5	
11	96	1.9	22.2 +- 0.7; 3.3		19.5 +- 0.7; 4.3		19.1 +- 1.5	
12	105	2.3	16.8 +- 0.5; 2.5		14.2 +- 0.6; 3.7		14.1 +- 1.0	
13	72	5.0	20.8 +- 0.6; 3.1		18.1 +- 0.7; 4.1		16.8 +- 1.5	
14	85	4.6	21.7 +- 0.6; 3.2		18.9 +- 0.7; 4.2		18.7 +- 1.5	
15	109	4.3	21.8 +- 0.7; 3.3		19.1 +- 0.7; 4.2		19.1 +- 1.5	
16	130	4.6	17.0 +- 0.5; 2.5		14.3 +- 0.6; 3.7		13.7 +- 1.5	
17	157	8.9	18.9 +- 0.6; 2.8		16.2 +- 0.6; 3.9		15.3 +- 1.4	
18	163	4.6	20.2 +- 0.6; 3.0		17.5 +- 0.7; 4.1		16.6 +- 1.2	
19	183	3.9	21.7 +- 0.7; 3.3		19.0 +- 0.7; 4.2		18.9 +- 1.3	
20	201	4.8	21.8 +- 0.7; 3.3		19.0 +- 0.7; 4.2		18.7 +- 1.6	
21	196	2.3	22.3 +- 0.7; 3.3		19.5 +- 0.7; 4.3		19.2 +- 1.5	
22	182	1.7	23.0 +- 0.7; 3.4		20.2 +- 0.7; 4.4		18.6 +- 1.3	
23	157	1.8	24.8 +- 0.7; 3.7		22.0 +- 0.8; 4.6		21.6 +- 1.7	
24	219	1.8	24.0 +- 0.7; 3.6		21.2 +- 0.8; 4.5		20.7 +- 1.5	
25	249	1.7	23.9 +- 0.7; 3.6		21.2 +- 0.8; 4.5		19.7 +- 1.5	
26	269	1.8	25.3 +- 0.8; 3.8		22.5 +- 0.8; 4.6		20.3 +- 1.6	
27	286	1.9	21.1 +- 0.6; 3.2		18.4 +- 0.7; 4.2		17.5 +- 0.9	
28	323	1.8	18.4 +- 0.6; 2.8		15.7 +- 0.6; 3.9		16.0 +- 1.5	
29	286	3.6	24.2 +- 0.7; 3.6		21.4 +- 0.8; 4.5		21.1 +- 1.3	
30	262	4.0	24.1 +- 0.7; 3.6		21.3 +- 0.8; 4.5		20.7 +- 1.6	
31	261	9.9	24.7 +- 0.7; 3.7		21.9 +- 0.8; 4.6		21.1 +- 1.5	
32	247	3.2	Damaged Dosimeter		No Net Data		18.5 +- 1.3	
33	235	3.6	17.0 +- 0.5; 2.6		14.4 +- 0.6; 3.7		13.9 +- 1.4	
34	319	4.9	22.7 +- 0.7; 3.4		19.9 +- 0.7; 4.3		19.5 +- 1.5	
35	149	0.7	19.8 +- 0.6; 3.0		17.1 +- 0.6; 4.0		17.5 +- 1.4	
36	147	17.9	17.2 +- 0.5; 2.6		14.5 +- 0.6; 3.8		14.0 +- 1.0	
37	147	17.9	17.0 +- 0.5; 2.6		14.4 +- 0.6; 3.7		14.7 +- 1.3	
38	147	17.9	16.7 +- 0.5; 2.5		14.1 +- 0.6; 3.7		14.5 +- 1.0	

Transit Dose = 2.3 +- 0.3; 2.9

PEACH BOTTOM
For the period 941207-950406

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.1 +- 1.9	2
11.26 - 33.75 NNE	17.5 +- 0.6	3
33.76 - 56.25 NE	17.9 +- 0.9	2
56.26 - 78.75 ENE	19.0 +- 1.3	2
78.76 - 101.25 E	19.2 +- 0.4	2
101.26 - 123.75 ESE	16.6 +- 3.4	2
123.76 - 146.25 SE	14.3 +- 0.0	1
146.26 - 168.75 SSE	18.2 +- 2.6	4
168.76 - 191.25 S	19.6 +- 0.9	2
191.26 - 213.75 SSW	19.3 +- 0.3	2
213.76 - 236.25 SW	17.8 +- 4.8	2
236.26 - 258.75 WSW	21.2 +- 0.0	1
258.76 - 281.25 W	21.9 +- 0.6	3
281.26 - 303.75 WNW	19.9 +- 2.1	2
303.76 - 326.25 NW	17.8 +- 3.0	2
326.26 - 348.75 NNW	18.6 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.5 +- 2.2	11
2 - 5	18.2 +- 2.1	19
> 5	18.5 +- 2.5	4
Upwind Control	14.3 +- 0.2	3

A horizontal number line with tick marks at 0, 2, and 4. The segment between 0 and 2 is shaded black.

Legend

 Water

- Highways

→ Railroads

--- Roads

✱ Plant..site

PERRY

TLD Direct Radiation Environmental Monitoring

For the period 941204-950410 128 Days

Field Time: 98 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	72 5.0	18.4 +- 0.6; 2.8	15.1 +- 0.6; 3.7	15.9 +- 1.9
3	88 5.5	18.9 +- 0.6; 2.8	15.6 +- 0.6; 3.8	16.1 +- 2.0
4	112 6.0	20.0 +- 0.6; 3.0	16.6 +- 0.6; 3.9	16.9 +- 2.1
5	130 4.0	18.7 +- 0.6; 2.8	15.4 +- 0.6; 3.8	16.7 +- 2.1
6	155 5.0	24.2 +- 0.7; 3.6	20.5 +- 0.7; 4.3	19.7 +- 1.6
7	178 5.2	20.5 +- 0.6; 3.1	17.0 +- 0.6; 3.9	17.5 +- 1.8
8	205 4.6	18.0 +- 0.5; 2.7	14.8 +- 0.6; 3.7	17.1 +- 3.1
9	220 5.2	18.5 +- 0.6; 2.8	15.2 +- 0.6; 3.8	16.0 +- 1.7
10	225 7.4	19.7 +- 0.6; 3.0	16.4 +- 0.6; 3.9	17.3 +- 1.8
11	240 5.8	22.3 +- 0.7; 3.3	18.7 +- 0.7; 4.1	18.7 +- 2.1
12	225 19.0	17.9 +- 0.5; 2.7	14.7 +- 0.6; 3.7	16.4 +- 2.3
13	225 19.0	17.3 +- 0.5; 2.6	14.1 +- 0.6; 3.6	15.7 +- 2.0
14	212 12.0	25.9 +- 0.8; 3.9	22.0 +- 0.8; 4.5	21.9 +- 2.3
15	248 1.4	18.0 +- 0.5; 2.7	14.8 +- 0.6; 3.7	15.7 +- 1.9
16	225 0.8	18.1 +- 0.5; 2.7	14.8 +- 0.6; 3.7	15.5 +- 2.2
17	205 0.7	16.5 +- 0.5; 2.5	13.4 +- 0.5; 3.6	14.1 +- 1.8
18	180 0.8	18.5 +- 0.6; 2.8	15.3 +- 0.6; 3.8	15.3 +- 2.1
19	152 1.8	18.7 +- 0.6; 2.8	15.4 +- 0.6; 3.8	16.0 +- 1.6
20	123 1.6	17.1 +- 0.5; 2.6	14.0 +- 0.5; 3.6	14.1 +- 1.8
21	105 1.4	22.3 +- 0.7; 3.4	18.7 +- 0.7; 4.1	14.7 +- 1.8
22	85 1.2	18.8 +- 0.6; 2.8	15.5 +- 0.6; 3.8	16.2 +- 2.6
23	65 1.4	19.8 +- 0.6; 3.0	16.4 +- 0.6; 3.9	16.1 +- 2.0
24	40 0.6	17.6 +- 0.5; 2.6	14.4 +- 0.6; 3.7	15.3 +- 2.0
25	40 0.6	18.4 +- 0.6; 2.8	15.1 +- 0.6; 3.7	17.8 +- 3.7
26	182 2.8	18.4 +- 0.6; 2.8	15.1 +- 0.6; 3.7	16.4 +- 2.7
27	175 2.8	19.1 +- 0.6; 2.9	15.8 +- 0.6; 3.8	16.7 +- 3.5

Transit Dose = 1.9 +- 0.3; 3.0

PERRY

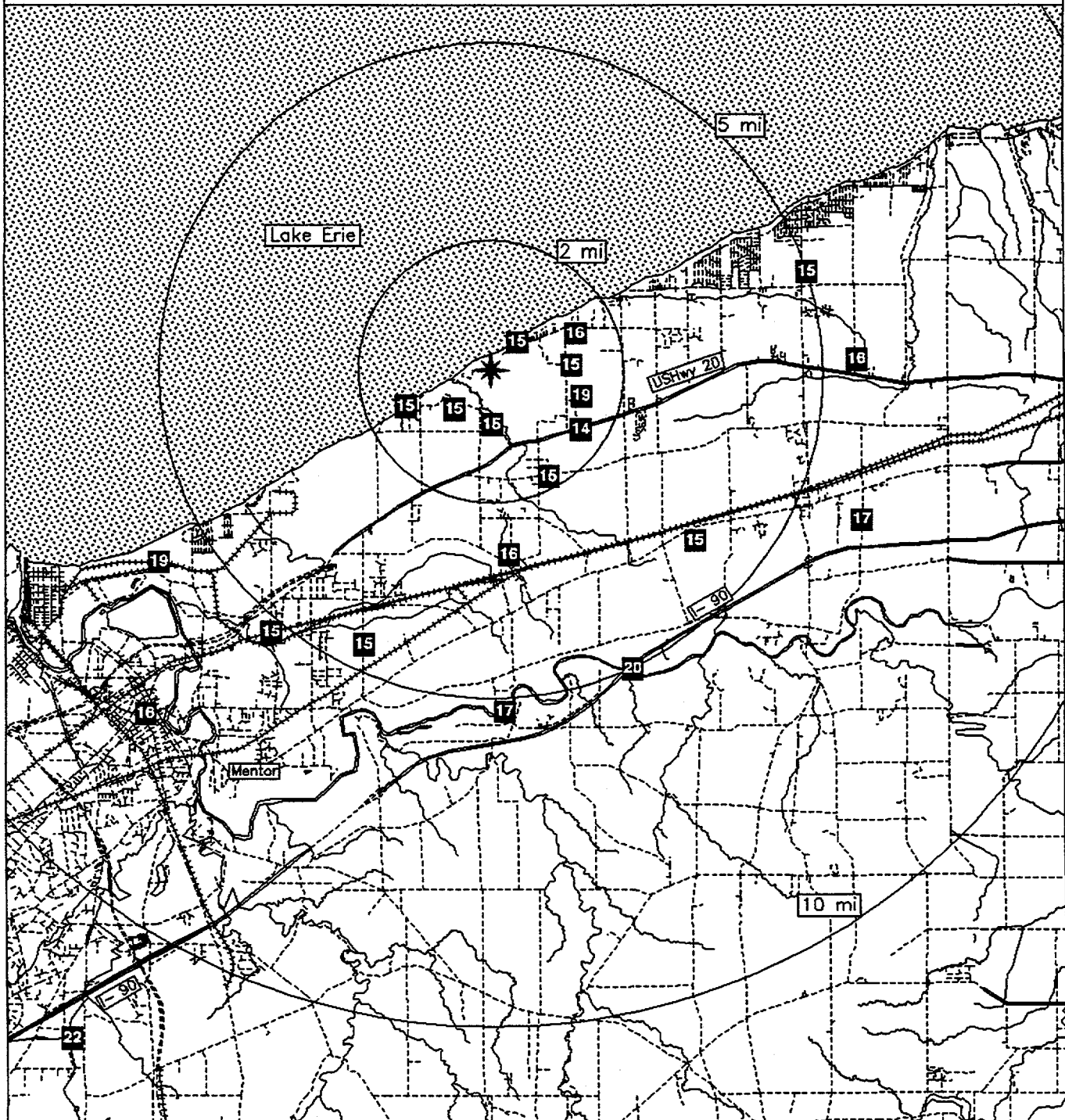
For the period 941204-950410

TLD Direct Radiation Environmental Monitoring

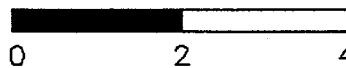
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	14.7 +- 0.5	2
56.26 - 78.75 ENE	15.8 +- 0.9	2
78.76 - 101.25 E	15.6 +- 0.1	2
101.26 - 123.75 ESE	16.4 +- 2.4	3
123.76 - 146.25 SE	15.4 +- 0.0	1
146.26 - 168.75 SSE	17.9 +- 3.6	2
168.76 - 191.25 S	15.8 +- 0.9	4
191.26 - 213.75 SSW	14.1 +- 1.0	2
213.76 - 236.25 SW	15.5 +- 0.8	3
236.26 - 258.75 WSW	16.7 +- 2.8	2
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.2 +- 1.4	11
2 - 5	16.1 +- 2.2	6
> 5	16.6 +- 1.2	6
Upwind Control	16.9 +- 4.4	3

NRC TLD DOSES FOR PERRY AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

PILGRIM

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev
1	288	0.1	131.8	+- 4.0; 19.8	120.4	+- 3.9; 19.9	47.7 +-30.7
2	310	0.2	31.2	+- 0.9; 4.7	21.0	+- 1.1; 5.8	16.7 +- 2.6
5	289	0.7	26.9	+- 0.8; 4.0	16.7	+- 1.0; 5.3	16.1 +- 1.9
6	261	1.7	26.2	+- 0.8; 3.9	16.0	+- 0.9; 5.2	14.4 +- 1.5
7	270	0.5	29.8	+- 0.9; 4.5	19.6	+- 1.0; 5.7	18.1 +- 1.9
8	247	0.3	28.7	+- 0.9; 4.3	18.5	+- 1.0; 5.5	16.4 +- 1.5
9	224	0.3	29.4	+- 0.9; 4.4	19.2	+- 1.0; 5.6	15.0 +- 2.1
10	205	0.3	33.0	+- 1.0; 5.0	22.8	+- 1.1; 6.0	16.3 +- 3.2
11	184	0.3	32.0	+- 1.0; 4.8	21.7	+- 1.1; 5.9	17.7 +- 2.9
12	159	0.4	27.9	+- 0.8; 4.2	17.7	+- 1.0; 5.4	15.7 +- 1.8
13	146	0.7	25.0	+- 0.8; 3.8	14.9	+- 0.9; 5.1	13.3 +- 1.6
14	155	1.0	24.9	+- 0.7; 3.7	14.7	+- 0.9; 5.1	14.7 +- 2.0
16	136	1.3	25.4	+- 0.8; 3.8	15.2	+- 0.9; 5.2	13.6 +- 1.4
18	212	0.8	23.2	+- 0.7; 3.5	13.1	+- 0.9; 4.9	13.8 +- 4.2
19	232	1.0	25.9	+- 0.8; 3.9	15.7	+- 0.9; 5.2	13.5 +- 1.6
21	256	1.6	22.8	+- 0.7; 3.4	12.6	+- 0.9; 4.9	13.0 +- 2.2
22	130	2.5	25.4	+- 0.8; 3.8	15.2	+- 0.9; 5.2	13.7 +- 1.8
23	146	3.4	23.7	+- 0.7; 3.6	13.6	+- 0.9; 5.0	13.1 +- 1.8
25	168	1.5	25.6	+- 0.8; 3.8	15.4	+- 0.9; 5.2	14.0 +- 1.7
26	180	1.3	24.3	+- 0.7; 3.7	14.2	+- 0.9; 5.0	12.0 +- 1.7
27	231	1.8	26.3	+- 0.8; 4.0	16.2	+- 0.9; 5.3	13.4 +- 1.7
30	153	2.2	27.4	+- 0.8; 4.1	17.2	+- 1.0; 5.4	16.0 +- 1.5
31	179	2.5	23.4	+- 0.7; 3.5	13.3	+- 0.9; 5.0	12.8 +- 1.7
32	217	2.6	23.2	+- 0.7; 3.5	13.0	+- 0.9; 4.9	12.1 +- 1.9
33	234	2.5	24.6	+- 0.7; 3.7	14.4	+- 0.9; 5.1	13.5 +- 2.1
34	320	7.5	25.2	+- 0.8; 3.8	15.1	+- 0.9; 5.1	12.2 +- 0.5
35	318	7.0	22.4	+- 0.7; 3.4	12.2	+- 0.8; 4.8	11.0 +- 0.7
37	264	4.2	26.5	+- 0.8; 4.0	16.3	+- 0.9; 5.3	14.3 +- 1.6
38	152	3.5	25.6	+- 0.8; 3.8	15.4	+- 0.9; 5.2	12.7 +- 2.0
39	155	5.3	24.0	+- 0.7; 3.6	13.8	+- 0.9; 5.0	11.6 +- 1.2
40	272	4.6	27.9	+- 0.8; 4.2	17.7	+- 1.0; 5.4	15.0 +- 1.7
42	281	4.6	25.4	+- 0.8; 3.8	15.2	+- 0.9; 5.2	13.1 +- 1.8
43	291	5.8	27.4	+- 0.8; 4.1	17.2	+- 1.0; 5.4	15.6 +- 1.7
45	197	6.0	22.4	+- 0.7; 3.4	12.2	+- 0.8; 4.8	12.5 +- 2.3
47	301	26.0	28.3	+- 0.8; 4.2	18.1	+- 1.0; 5.5	15.1 +- 1.8
48	301	26.0	27.7	+- 0.8; 4.2	17.5	+- 1.0; 5.4	15.7 +- 2.1
49	301	26.0	25.8	+- 0.8; 3.9	15.6	+- 0.9; 5.2	14.5 +- 1.7

Transit Dose = 10.0 +- 0.5; 3.6

PILGRIM

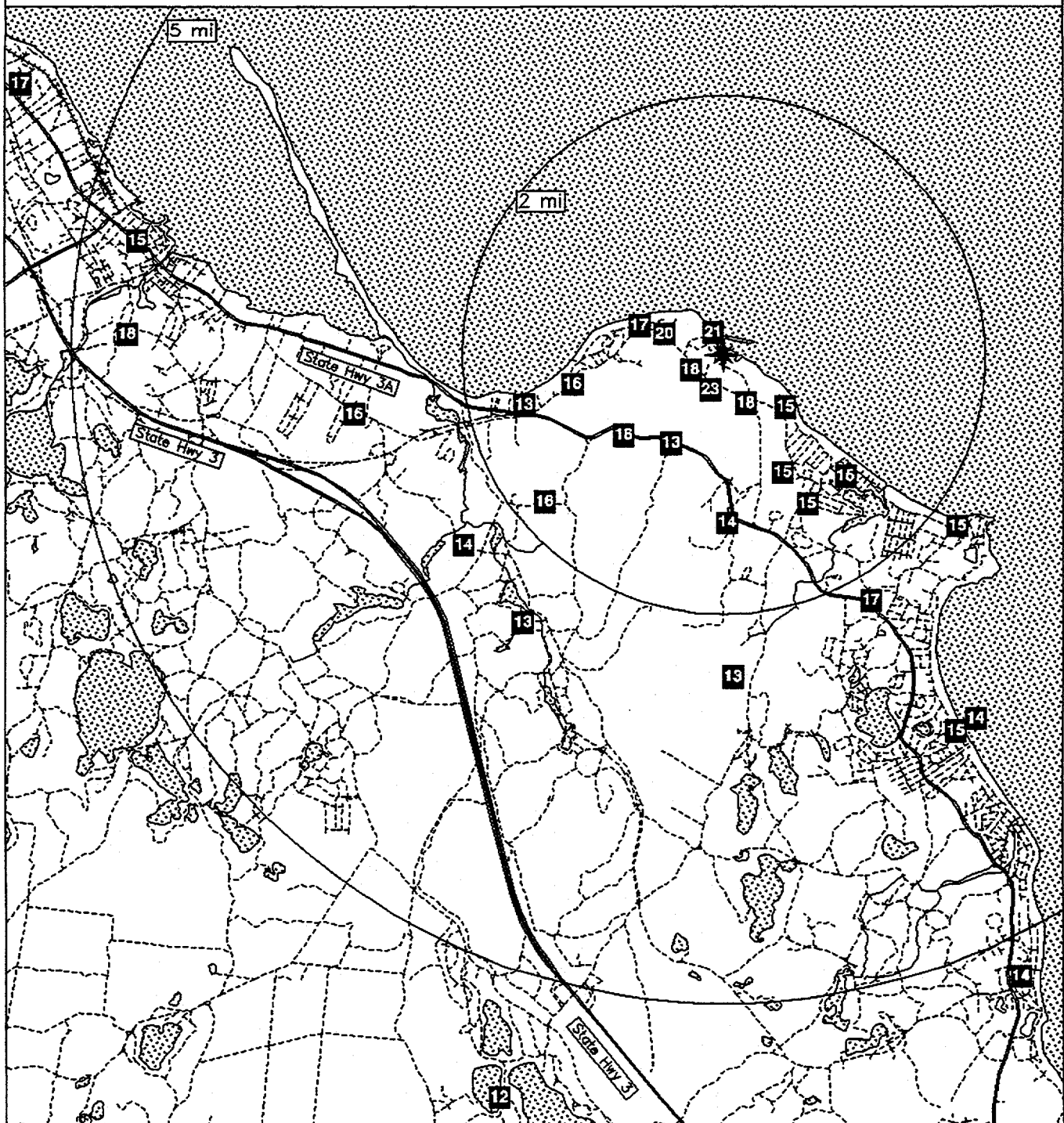
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

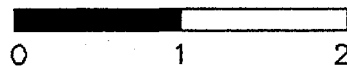
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	14.7 +- 0.8	4
146.26 - 168.75 SSE	15.7 +- 1.5	6
168.76 - 191.25 S	16.4 +- 4.6	3
191.26 - 213.75 SSW	16.0 +- 5.8	3
213.76 - 236.25 SW	15.7 +- 2.3	5
236.26 - 258.75 WSW	15.5 +- 4.1	2
258.76 - 281.25 W	17.0 +- 1.7	5
281.26 - 303.75 WNW	51.5 +- 59.7	3
303.76 - 326.25 NW	16.1 +- 4.5	3
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	22.4 +- 23.9	19
2 - 5	15.1 +- 1.6	10
> 5	14.1 +- 2.1	5
Upwind Control	17.1 +- 1.3	3

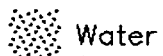
NRC TLD DOSES FOR PILGRIM AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant site

PRAIRIE ISLAND

TLD Direct Radiation Environmental Monitoring

For the period 941203-950420 139 Days

Field Time: 103 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	312	16.5	20.9 +- 0.6; 3.1		14.7 +- 0.6; 4.0		17.4 +- 2.3	
2	310	15.0	Damaged Dosimeter		No Net Data		16.8 +- 2.1	
3	310	15.0	21.5 +- 0.6; 3.2		15.3 +- 0.7; 4.0		16.8 +- 2.2	
4	308	5.5	22.8 +- 0.7; 3.4		16.4 +- 0.7; 4.2		17.4 +- 1.8	
5	297	4.1	Missing Dosimeter		No Net Data		16.0 +- 1.8	
6	287	1.3	20.8 +- 0.6; 3.1		14.6 +- 0.6; 4.0		16.5 +- 2.2	
7	313	0.8	19.2 +- 0.6; 2.9		13.2 +- 0.6; 3.8		15.0 +- 1.8	
8	244	0.5	22.0 +- 0.7; 3.3		15.6 +- 0.7; 4.1		16.3 +- 1.8	
9	194	0.6	21.7 +- 0.6; 3.2		15.4 +- 0.7; 4.1		16.6 +- 1.6	
10	155	0.5	Damaged Dosimeter		No Net Data		17.3 +- 1.7	
11	129	1.6	21.4 +- 0.6; 3.2		15.2 +- 0.7; 4.0		15.6 +- 1.7	
12	153	1.4	21.2 +- 0.6; 3.2		15.0 +- 0.6; 4.0		16.3 +- 1.5	
13	217	0.6	22.0 +- 0.7; 3.3		15.7 +- 0.7; 4.1		16.7 +- 1.7	
14	178	0.8	21.5 +- 0.6; 3.2		15.3 +- 0.7; 4.0		16.6 +- 1.7	
15	272	1.9	21.6 +- 0.6; 3.2		15.3 +- 0.7; 4.1		15.7 +- 1.8	
16	262	4.6	21.5 +- 0.6; 3.2		15.2 +- 0.7; 4.0		17.8 +- 2.3	
17	250	4.3	22.3 +- 0.7; 3.4		16.0 +- 0.7; 4.1		17.4 +- 1.9	
18	225	4.1	20.9 +- 0.6; 3.1		14.7 +- 0.6; 4.0		17.7 +- 3.1	
19	233	6.7	19.9 +- 0.6; 3.0		13.8 +- 0.6; 3.9		15.4 +- 2.0	
20	200	4.9	24.0 +- 0.7; 3.6		17.4 +- 0.7; 4.3		18.6 +- 2.0	
21	187	4.7	25.0 +- 0.7; 3.7		18.2 +- 0.7; 4.4		19.1 +- 2.1	
22	160	4.4	21.7 +- 0.7; 3.3		15.4 +- 0.7; 4.1		17.4 +- 2.0	
23	140	4.7	22.6 +- 0.7; 3.4		16.2 +- 0.7; 4.1		18.0 +- 2.0	
24	131	6.6	23.1 +- 0.7; 3.5		16.6 +- 0.7; 4.2		17.5 +- 1.9	
25	117	4.9	21.4 +- 0.6; 3.2		15.2 +- 0.7; 4.0		16.3 +- 1.8	
26	88	1.9	21.5 +- 0.6; 3.2		15.2 +- 0.7; 4.0		16.7 +- 1.8	
27	69	1.8	19.8 +- 0.6; 3.0		13.8 +- 0.6; 3.9		16.7 +- 2.2	
28	47	1.6	21.2 +- 0.6; 3.2		14.9 +- 0.6; 4.0		17.0 +- 2.1	
29	19	1.5	20.6 +- 0.6; 3.1		14.5 +- 0.6; 4.0		15.8 +- 2.0	
30	356	1.9	20.5 +- 0.6; 3.1		14.4 +- 0.6; 4.0		16.2 +- 2.2	
31	346	2.4	23.5 +- 0.7; 3.5		17.0 +- 0.7; 4.2		18.3 +- 2.0	
32	340	3.8	22.5 +- 0.7; 3.4		16.1 +- 0.7; 4.1		19.0 +- 2.0	
33	8	4.6	Damaged Dosimeter		No Net Data		19.2 +- 1.9	
34	17	4.7	24.6 +- 0.7; 3.7		17.9 +- 0.7; 4.3		18.9 +- 2.1	
35	45	11.0	23.0 +- 0.7; 3.4		16.5 +- 0.7; 4.2		16.8 +- 1.7	
36	48	4.7	24.3 +- 0.7; 3.6		17.7 +- 0.7; 4.3		18.7 +- 2.0	
37	61	4.2	24.5 +- 0.7; 3.7		17.8 +- 0.7; 4.3		18.9 +- 1.9	
38	86	4.9	22.7 +- 0.7; 3.4		16.2 +- 0.7; 4.1		18.5 +- 2.0	
39	107	9.1	21.8 +- 0.7; 3.3		15.5 +- 0.7; 4.1		16.4 +- 1.8	
40	111	3.7	20.5 +- 0.6; 3.1		14.3 +- 0.6; 3.9		16.3 +- 1.8	
46	0	0.0	20.5 +- 0.6; 3.1		14.4 +- 0.6; 4.0		15.5 +- 0.0	
47	0	0.0	21.5 +- 0.6; 3.2		15.2 +- 0.7; 4.0		15.3 +- 0.0	

Transit Dose = 4.1 +- 0.4; 3.3

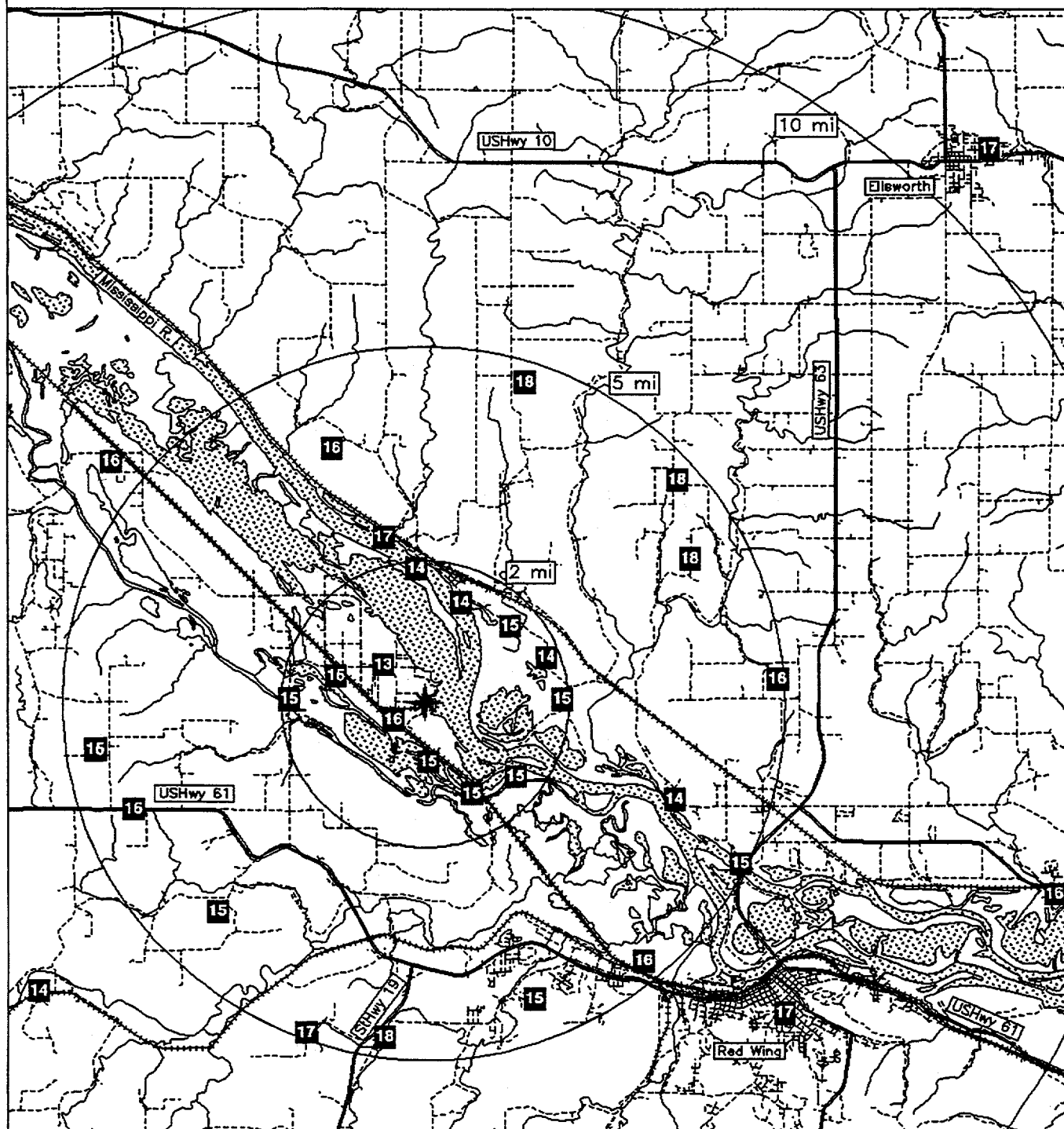
PRAIRIE ISLAND
For the period 941203-950420

TLD Direct Radiation Environmental Monitoring

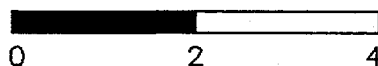
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.6 +- 0.5	3
11.26 - 33.75 NNE	16.2 +- 2.5	2
33.76 - 56.25 NE	16.4 +- 1.4	3
56.26 - 78.75 ENE	15.8 +- 2.9	2
78.76 - 101.25 E	15.7 +- 0.7	2
101.26 - 123.75 ESE	15.0 +- 0.6	3
123.76 - 146.25 SE	16.0 +- 0.8	3
146.26 - 168.75 SSE	15.2 +- 0.3	2
168.76 - 191.25 S	16.8 +- 2.1	2
191.26 - 213.75 SSW	16.4 +- 1.4	2
213.76 - 236.25 SW	14.7 +- 0.9	3
236.26 - 258.75 WSW	15.8 +- 0.2	2
258.76 - 281.25 W	15.3 +- 0.0	2
281.26 - 303.75 WNW	14.6 +- 0.0	1
303.76 - 326.25 NW	14.8 +- 2.2	2
326.26 - 348.75 NNW	16.6 +- 0.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.8 +- 0.7	16
2 - 5	16.4 +- 1.3	15
> 5	15.8 +- 1.2	5
Upwind Control	15.0 +- 0.4	2

NRC TLD DOSES FOR PRAIRIE ISLAND AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

QUAD CITIES

TLD Direct Radiation Environmental Monitoring

For the period 941203-950420 139 Days

Field Time: 94 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	3	0.7	17.9 +- 0.5; 2.7	13.5 +- 0.6; 3.9	14.8 +- 1.5
2	16	1.2	Missing Dosimeter	No Net Data	17.2 +- 2.1
3	35	1.7	18.5 +- 0.6; 2.8	14.0 +- 0.6; 3.9	15.0 +- 1.5
4	45	1.1	19.2 +- 0.6; 2.9	14.7 +- 0.6; 4.0	15.7 +- 1.4
5	90	0.8	19.2 +- 0.6; 2.9	14.7 +- 0.6; 4.0	15.5 +- 1.6
6	138	1.1	19.5 +- 0.6; 2.9	15.0 +- 0.7; 4.0	16.2 +- 1.6
7	175	1.8	19.3 +- 0.6; 2.9	14.8 +- 0.6; 4.0	16.2 +- 1.7
8	165	2.0	19.7 +- 0.6; 3.0	15.2 +- 0.7; 4.1	16.3 +- 1.5
9	186	3.1	19.0 +- 0.6; 2.9	14.5 +- 0.6; 4.0	15.7 +- 1.3
10	188	7.7	16.3 +- 0.5; 2.4	11.9 +- 0.6; 3.7	15.8 +- 4.7
11	156	4.2	20.1 +- 0.6; 3.0	15.5 +- 0.7; 4.1	16.8 +- 1.7
12	142	4.8	Missing Dosimeter	No Net Data	16.5 +- 1.9
13	123	3.3	19.7 +- 0.6; 3.0	15.2 +- 0.7; 4.1	16.1 +- 1.6
14	122	2.0	18.6 +- 0.6; 2.8	14.1 +- 0.6; 3.9	14.8 +- 1.7
15	86	2.8	20.3 +- 0.6; 3.0	15.7 +- 0.7; 4.1	17.1 +- 1.6
16	57	4.4	22.4 +- 0.7; 3.4	17.8 +- 0.7; 4.3	19.0 +- 1.7
17	48	6.1	20.1 +- 0.6; 3.0	15.6 +- 0.7; 4.1	16.4 +- 1.5
18	39	9.4	19.3 +- 0.6; 2.9	14.8 +- 0.6; 4.0	15.6 +- 1.1
19	34	4.7	20.2 +- 0.6; 3.0	15.7 +- 0.7; 4.1	15.4 +- 1.5
20	16	4.3	20.0 +- 0.6; 3.0	15.5 +- 0.7; 4.1	16.5 +- 1.7
21	352	4.2	21.3 +- 0.6; 3.2	16.7 +- 0.7; 4.2	18.5 +- 2.9
22	328	4.1	21.3 +- 0.6; 3.2	16.7 +- 0.7; 4.2	18.4 +- 1.8
23	337	5.7	20.0 +- 0.6; 3.0	15.4 +- 0.7; 4.1	16.9 +- 1.6
24	310	4.4	21.0 +- 0.6; 3.1	16.4 +- 0.7; 4.2	18.2 +- 1.9
25	295	4.1	19.8 +- 0.6; 3.0	15.2 +- 0.7; 4.1	16.2 +- 1.7
26	278	6.9	Missing Dosimeter	No Net Data	14.3 +- 1.5
27	260	4.3	18.1 +- 0.5; 2.7	13.6 +- 0.6; 3.9	16.3 +- 1.8
28	253	4.0	19.7 +- 0.6; 3.0	15.2 +- 0.7; 4.1	16.6 +- 1.7
29	352	2.8	20.6 +- 0.6; 3.1	16.1 +- 0.7; 4.2	17.4 +- 1.7
30	335	1.9	21.1 +- 0.6; 3.2	16.5 +- 0.7; 4.2	17.0 +- 1.6
31	305	2.6	21.3 +- 0.6; 3.2	16.7 +- 0.7; 4.2	17.1 +- 2.1
32	285	2.5	18.4 +- 0.6; 2.8	13.9 +- 0.6; 3.9	14.9 +- 2.3
33	257	2.0	19.9 +- 0.6; 3.0	15.4 +- 0.7; 4.1	16.6 +- 2.0
34	248	2.2	20.1 +- 0.6; 3.0	15.5 +- 0.7; 4.1	16.6 +- 1.4
35	229	2.6	19.7 +- 0.6; 3.0	15.2 +- 0.7; 4.1	15.7 +- 1.6
36	204	3.4	19.2 +- 0.6; 2.9	14.7 +- 0.6; 4.0	16.2 +- 2.4
37	194	9.3	20.2 +- 0.6; 3.0	15.6 +- 0.7; 4.1	16.6 +- 3.2
38	224	4.9	21.7 +- 0.7; 3.3	17.1 +- 0.7; 4.3	17.3 +- 1.9
39	301	14.0	19.5 +- 0.6; 2.9	15.0 +- 0.7; 4.0	15.6 +- 1.6
40	301	14.0	19.5 +- 0.6; 2.9	15.0 +- 0.7; 4.0	15.3 +- 1.8
41	301	14.0	18.5 +- 0.6; 2.8	14.1 +- 0.6; 3.9	14.8 +- 1.6

Transit Dose = 3.9 +- 0.3; 3.0

QUAD CITIES

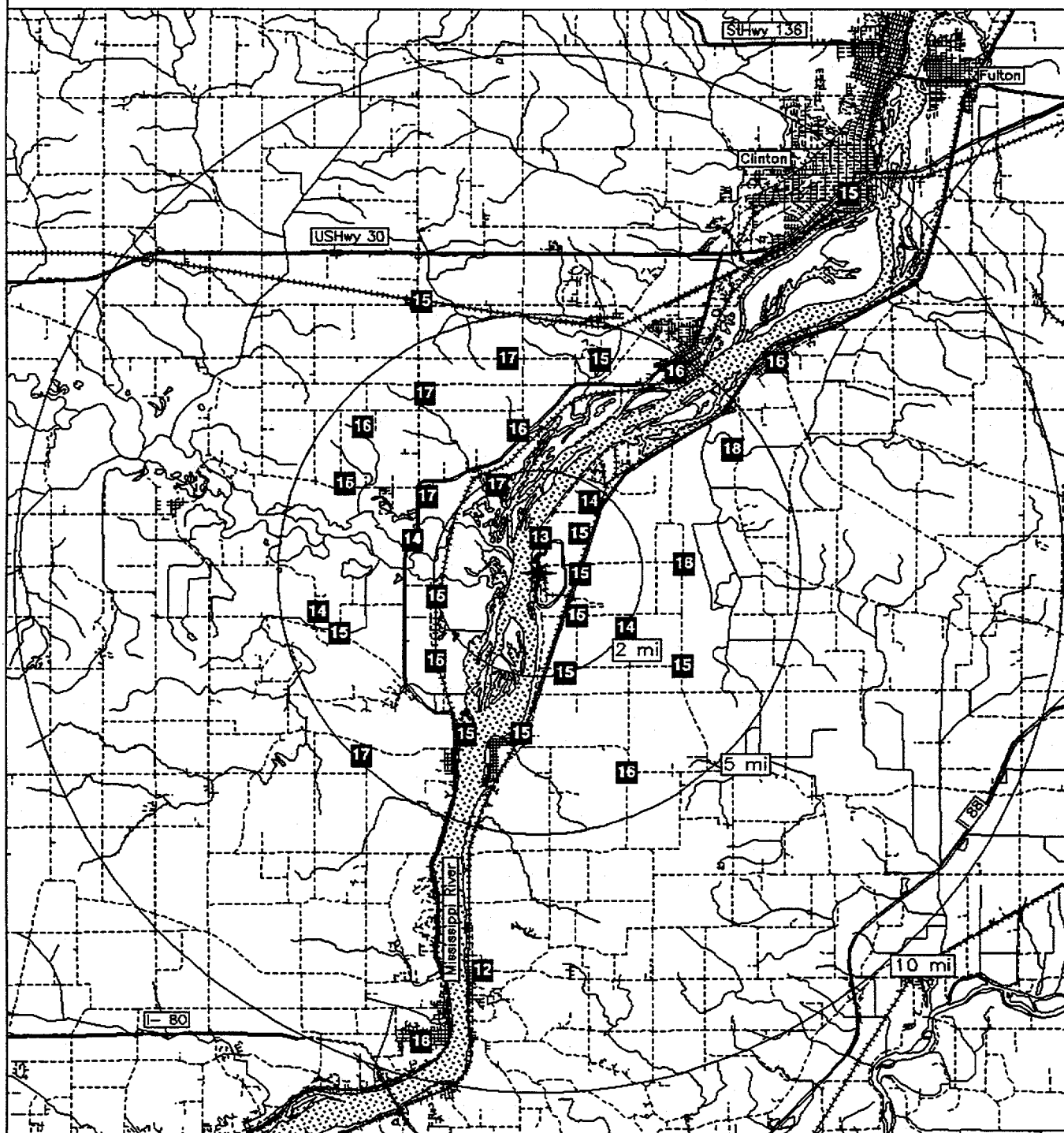
For the period 941203-950420

TLD Direct Radiation Environmental Monitoring

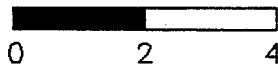
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.4 +- 1.7	3
11.26 - 33.75 NNE	15.5 +- 0.0	1
33.76 - 56.25 NE	14.9 +- 0.7	5
56.26 - 78.75 ENE	17.8 +- 0.0	1
78.76 - 101.25 E	15.2 +- 0.7	2
101.26 - 123.75 ESE	14.6 +- 0.7	2
123.76 - 146.25 SE	15.0 +- 0.0	1
146.26 - 168.75 SSE	15.4 +- 0.2	2
168.76 - 191.25 S	13.8 +- 1.6	3
191.26 - 213.75 SSW	15.2 +- 0.6	2
213.76 - 236.25 SW	16.1 +- 1.4	2
236.26 - 258.75 WSW	15.4 +- 0.2	3
258.76 - 281.25 W	13.6 +- 0.0	1
281.26 - 303.75 WNW	14.6 +- 0.9	2
303.76 - 326.25 NW	16.6 +- 0.3	2
326.26 - 348.75 NNW	16.2 +- 0.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.8 +- 0.8	10
2 - 5	15.6 +- 1.0	20
> 5	14.7 +- 1.6	5
Upwind Control	14.7 +- 0.5	3

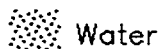
NRC TLD DOSES FOR QUAD CITIES AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

RANCHO SECO

TLD Direct Radiation Environmental Monitoring

For the period 941203-950418 137 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	288	16.0	23.2	+- 0.7; 3.5	17.6	+- 0.9; 4.9	16.1	+- 2.8
2	239	12.0	23.2	+- 0.7; 3.5	17.6	+- 0.9; 4.9	17.4	+- 1.8
3	213	16.0	24.6	+- 0.7; 3.7	19.1	+- 0.9; 5.1	18.7	+- 1.6
4	149	9.9	22.6	+- 0.7; 3.4	16.9	+- 0.8; 4.8	16.7	+- 2.5
5	108	8.2	27.9	+- 0.8; 4.2	22.6	+- 1.0; 5.5	22.5	+- 1.8
6	86	10.0	20.8	+- 0.6; 3.1	15.1	+- 0.8; 4.6	14.6	+- 1.9
7	83	9.7	20.1	+- 0.6; 3.0	14.3	+- 0.8; 4.5	14.4	+- 1.4
8	37	7.1	21.1	+- 0.6; 3.2	15.3	+- 0.8; 4.6	14.8	+- 1.7
9	65	0.8	21.4	+- 0.6; 3.2	15.7	+- 0.8; 4.7	15.8	+- 1.7
10	43	0.7	23.1	+- 0.7; 3.5	17.5	+- 0.9; 4.9	16.8	+- 2.2
11	92	0.2	21.1	+- 0.6; 3.2	15.4	+- 0.8; 4.6	15.2	+- 1.9
12	131	1.6	20.6	+- 0.6; 3.1	14.8	+- 0.8; 4.6	14.4	+- 1.5
13	358	0.6	23.6	+- 0.7; 3.5	18.1	+- 0.9; 4.9	17.6	+- 1.2
14	323	0.7	21.5	+- 0.6; 3.2	15.8	+- 0.8; 4.7	16.0	+- 1.4
15	151	0.7	21.3	+- 0.6; 3.2	15.6	+- 0.8; 4.7	15.3	+- 1.7
16	219	0.9	23.2	+- 0.7; 3.5	17.7	+- 0.9; 4.9	16.2	+- 1.6
17	245	1.5	21.8	+- 0.7; 3.3	16.2	+- 0.8; 4.7	15.5	+- 1.6
18	254	2.3	20.4	+- 0.6; 3.1	14.7	+- 0.8; 4.6	14.9	+- 1.3
19	323	7.0	22.5	+- 0.7; 3.4	16.9	+- 0.8; 4.8	16.6	+- 1.9
20	309	6.3	23.5	+- 0.7; 3.5	18.0	+- 0.9; 4.9	17.0	+- 1.8
21	279	5.7	22.6	+- 0.7; 3.4	16.9	+- 0.8; 4.8	15.9	+- 1.7
22	244	6.4	25.0	+- 0.7; 3.7	19.5	+- 0.9; 5.1	17.1	+- 1.4
23	217	4.6	22.1	+- 0.7; 3.3	16.5	+- 0.8; 4.8	16.2	+- 1.6
24	350	11.0	21.9	+- 0.7; 3.3	16.3	+- 0.8; 4.7	16.3	+- 1.6
25	318	17.0	21.0	+- 0.6; 3.2	15.3	+- 0.8; 4.6	16.7	+- 1.6
26	311	22.0	20.8	+- 0.6; 3.1	15.1	+- 0.8; 4.6	17.0	+- 1.9
27	306	27.0	21.6	+- 0.6; 3.2	15.9	+- 0.8; 4.7	15.5	+- 1.6
28	306	27.0	21.2	+- 0.6; 3.2	15.5	+- 0.8; 4.7	15.6	+- 1.2
29	306	27.0	21.7	+- 0.7; 3.3	16.1	+- 0.8; 4.7	15.8	+- 2.4
30	306	27.0	21.8	+- 0.7; 3.3	16.2	+- 0.8; 4.7	15.3	+- 1.8

Transit Dose = 6.6 +- 0.4; 3.0

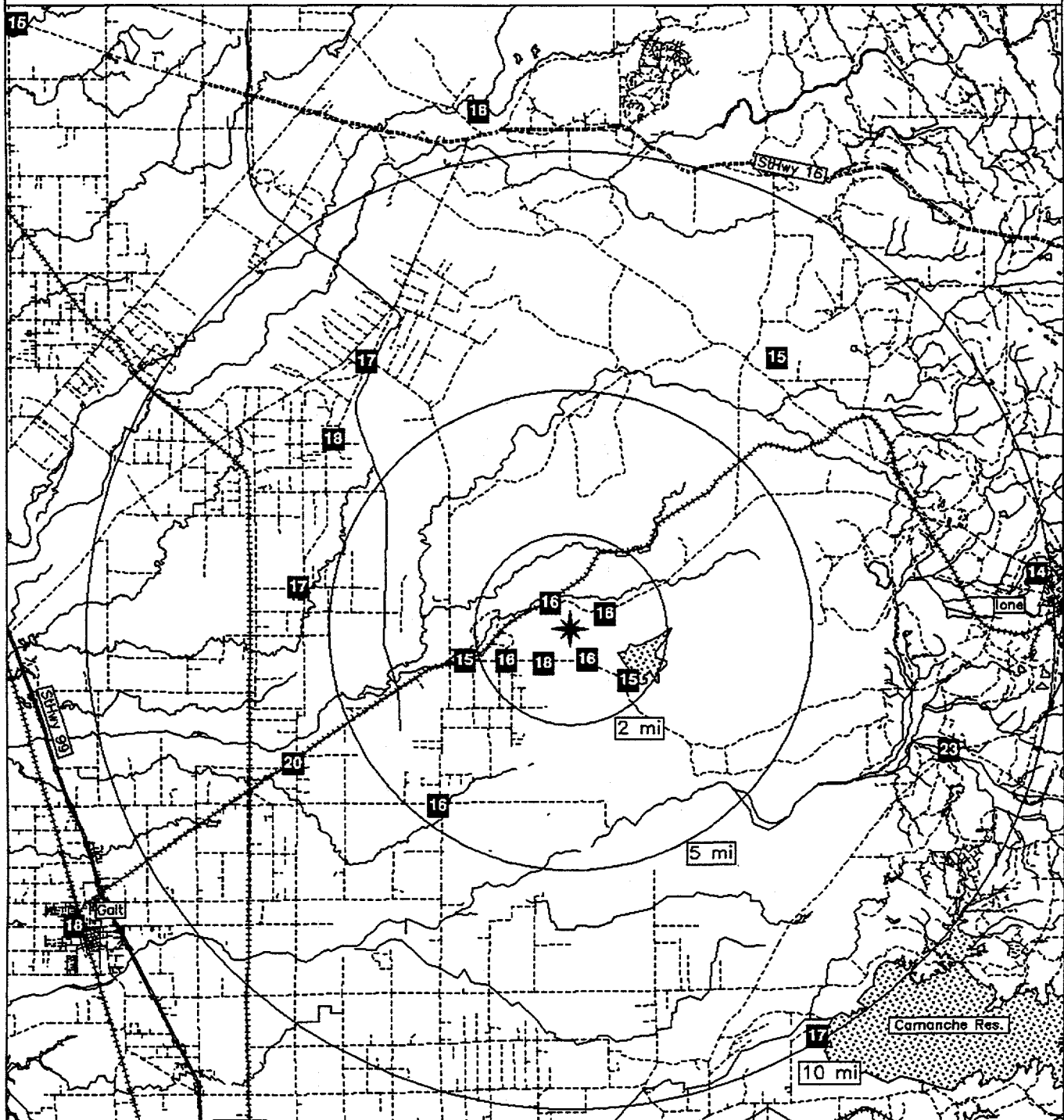
RANCHO SECO
For the period 941203-950418

TLD Direct Radiation Environmental Monitoring

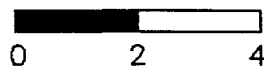
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.2 +- 1.3	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	16.4 +- 1.5	2
56.26 - 78.75 ENE	15.7 +- 0.0	1
78.76 - 101.25 E	14.9 +- 0.6	3
101.26 - 123.75 ESE	22.6 +- 0.0	1
123.76 - 146.25 SE	14.8 +- 0.0	1
146.26 - 168.75 SSE	16.3 +- 1.0	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	19.1 +- 0.0	1
213.76 - 236.25 SW	17.1 +- 0.8	2
236.26 - 258.75 WSW	17.0 +- 2.1	4
258.76 - 281.25 W	16.9 +- 0.0	1
281.26 - 303.75 WNW	17.6 +- 0.0	1
303.76 - 326.25 NW	16.4 +- 0.9	6
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 1.1	9
2 - 5	15.6 +- 1.3	2
> 5	17.1 +- 2.0	16
Upwind Control	15.5 +- 0.4	3

NRC TLD DOSES FOR RANCHO SECO AREA



Miles



Legend



Water

--- Railroads



Plant site

— Highways

--- Roads

RIVER BEND

TLD Direct Radiation Environmental Monitoring

For the period 941203-950418 137 Days

Field Time: 89 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	348	1.3	18.7	+- 0.6; 2.8	15.0	+- 0.7; 4.1	17.2	+- 1.6
2	42	1.1	22.9	+- 0.7; 3.4	19.3	+- 0.8; 4.5	17.6	+- 1.8
3	61	1.1	23.1	+- 0.7; 3.5	19.5	+- 0.8; 4.6	18.5	+- 2.0
4	90	0.8	22.3	+- 0.7; 3.3	18.7	+- 0.8; 4.5	17.6	+- 1.8
5	107	0.6	21.3	+- 0.6; 3.2	17.7	+- 0.7; 4.4	18.3	+- 1.9
6	136	0.8	23.7	+- 0.7; 3.6	20.1	+- 0.8; 4.6	18.6	+- 2.0
7	166	1.0	19.6	+- 0.6; 2.9	16.0	+- 0.7; 4.2	15.5	+- 1.6
8	182	0.9	21.0	+- 0.6; 3.1	17.4	+- 0.7; 4.3	16.6	+- 1.7
9	195	0.6	21.7	+- 0.7; 3.3	18.1	+- 0.7; 4.4	16.5	+- 1.8
10	225	0.7	21.9	+- 0.7; 3.3	18.3	+- 0.7; 4.4	17.0	+- 1.8
11	254	0.4	21.1	+- 0.6; 3.2	17.5	+- 0.7; 4.3	16.8	+- 1.8
12	276	0.6	22.8	+- 0.7; 3.4	19.2	+- 0.8; 4.5	18.1	+- 1.8
13	295	0.6	23.0	+- 0.7; 3.5	19.4	+- 0.8; 4.6	18.7	+- 1.7
14	320	0.9	22.1	+- 0.7; 3.3	18.5	+- 0.7; 4.4	17.4	+- 1.9
15	332	2.1	24.1	+- 0.7; 3.6	20.5	+- 0.8; 4.7	18.4	+- 1.9
16	312	2.7	23.5	+- 0.7; 3.5	19.9	+- 0.8; 4.6	17.3	+- 2.4
17	302	3.1	20.8	+- 0.6; 3.1	17.2	+- 0.7; 4.3	15.6	+- 1.8
18	278	3.8	21.0	+- 0.6; 3.2	17.4	+- 0.7; 4.3	14.9	+- 2.0
19	242	2.8	24.1	+- 0.7; 3.6	20.5	+- 0.8; 4.7	19.1	+- 1.8
20	195	5.4	22.3	+- 0.7; 3.3	18.7	+- 0.8; 4.5	17.2	+- 2.0
21	215	3.0	22.5	+- 0.7; 3.4	19.0	+- 0.8; 4.5	17.9	+- 1.7
22	233	7.1	20.7	+- 0.6; 3.1	17.1	+- 0.7; 4.3	14.7	+- 2.2
23	246	9.7	22.9	+- 0.7; 3.4	19.3	+- 0.8; 4.5	17.5	+- 1.9
24	234	7.3	21.5	+- 0.6; 3.2	17.9	+- 0.7; 4.4	15.4	+- 2.2
25	185	7.6	22.6	+- 0.7; 3.4	19.0	+- 0.8; 4.5	17.7	+- 1.7
26	322	7.7	19.7	+- 0.6; 3.0	16.1	+- 0.7; 4.2	16.6	+- 2.2
27	328	10.0	24.0	+- 0.7; 3.6	20.5	+- 0.8; 4.7	18.3	+- 1.9
28	340	7.2	22.3	+- 0.7; 3.3	18.7	+- 0.8; 4.5	17.9	+- 1.7
29	354	9.5	21.0	+- 0.6; 3.2	17.4	+- 0.7; 4.3	16.9	+- 1.7
30	360	5.1	22.6	+- 0.7; 3.4	19.0	+- 0.8; 4.5	18.3	+- 1.9
31	221	6.9	22.7	+- 0.7; 3.4	19.1	+- 0.8; 4.5	18.1	+- 1.8
32	40	4.9	22.3	+- 0.7; 3.3	18.7	+- 0.8; 4.5	17.4	+- 1.8
33	52	8.7	Missing Dosimeter		No Net Data		14.8	+- 1.6
34	65	8.4	Missing Dosimeter		No Net Data		16.7	+- 1.6
35	87	6.6	20.1	+- 0.6; 3.0	16.5	+- 0.7; 4.2	15.3	+- 1.5
36	326	5.8	23.1	+- 0.7; 3.5	19.6	+- 0.8; 4.6	17.8	+- 2.0
37	329	22.0	20.8	+- 0.6; 3.1	17.2	+- 0.7; 4.3	17.1	+- 1.6
38	111	3.8	19.8	+- 0.6; 3.0	16.1	+- 0.7; 4.2	16.5	+- 1.6
39	131	5.6	22.4	+- 0.7; 3.4	18.9	+- 0.8; 4.5	17.3	+- 1.6
40	155	6.2	22.1	+- 0.7; 3.3	18.5	+- 0.7; 4.4	18.0	+- 1.8
41	120	9.0	19.6	+- 0.6; 2.9	15.9	+- 0.7; 4.2	16.7	+- 1.9
42	121	11.0	20.1	+- 0.6; 3.0	16.5	+- 0.7; 4.2	14.9	+- 1.5
43	180	1.1	24.7	+- 0.7; 3.7	21.1	+- 0.8; 4.7	19.0	+- 1.8
44	150	28.0	Missing Dosimeter		No Net Data		14.6	+- 1.8

Transit Dose = 3.8 +- 0.3; 2.9

RIVER BEND

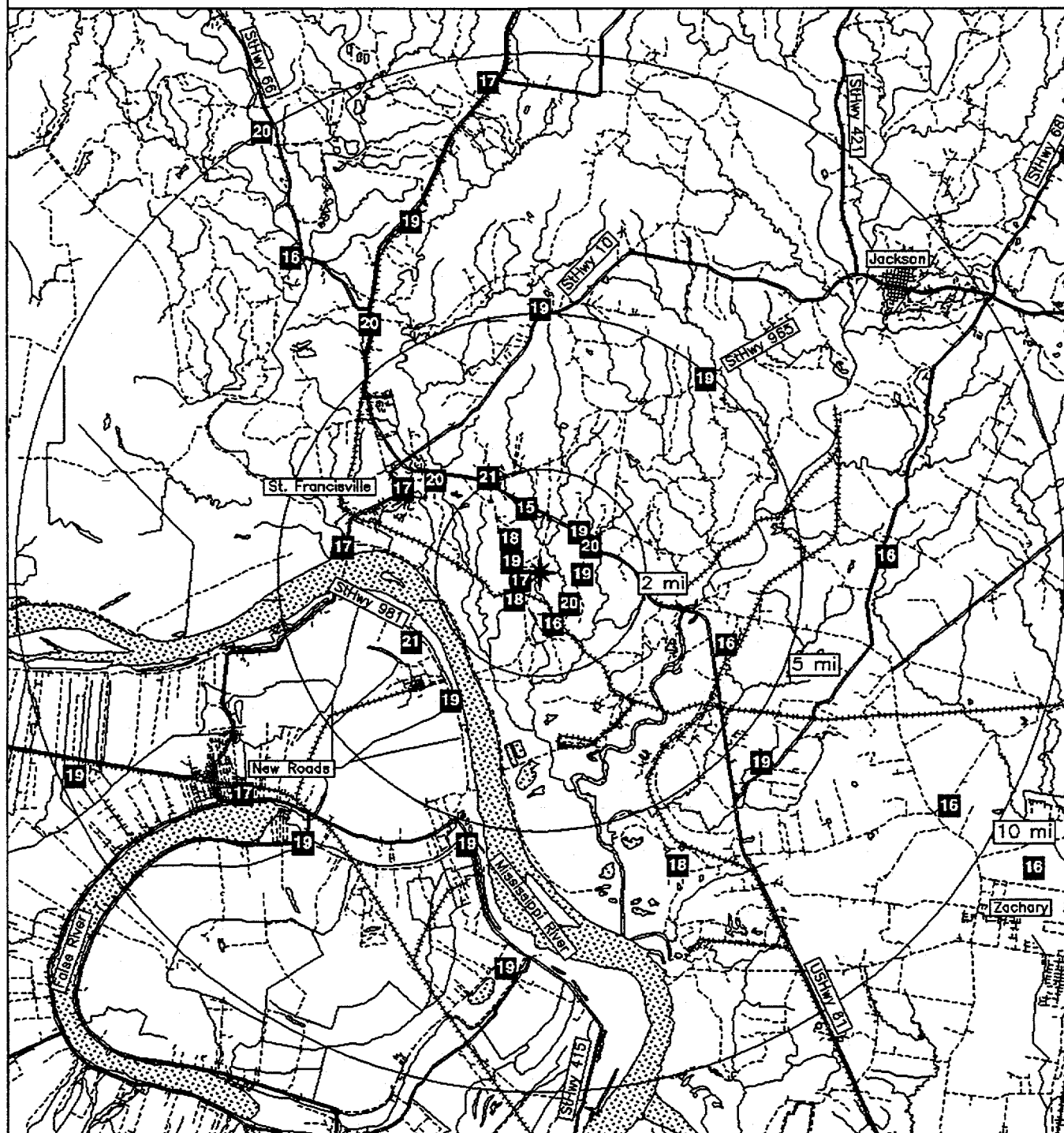
For the period 941203-950418

TLD Direct Radiation Environmental Monitoring

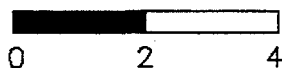
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.2 +- 1.2	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	19.0 +- 0.4	2
56.26 - 78.75 ENE	19.5 +- 0.0	1
78.76 - 101.25 E	17.6 +- 1.6	2
101.26 - 123.75 ESE	16.6 +- 0.8	4
123.76 - 146.25 SE	19.5 +- 0.9	2
146.26 - 168.75 SSE	17.2 +- 1.8	2
168.76 - 191.25 S	19.2 +- 1.9	3
191.26 - 213.75 SSW	18.4 +- 0.5	2
213.76 - 236.25 SW	18.3 +- 0.8	5
236.26 - 258.75 WSW	19.1 +- 1.5	3
258.76 - 281.25 W	18.3 +- 1.3	2
281.26 - 303.75 WNW	18.3 +- 1.6	2
303.76 - 326.25 NW	18.5 +- 1.7	4
326.26 - 348.75 NNW	18.4 +- 2.3	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.4 +- 1.6	15
2 - 5	18.7 +- 1.6	8
> 5	18.1 +- 1.3	18
Upwind Control	No Data +- No Data	0

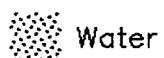
NRC TLD DOSES FOR RIVER BEND AREA



Miles



Legend



Water

--- Railroads



★ Plant..site

— Highways

--- Roads

ROBINSON

TLD Direct Radiation Environmental Monitoring

For the period 941205-950406 123 Days

Field Time: 84 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	191	0.2	18.8	+- 0.6; 2.8	13.6	+- 0.7; 4.4	14.3	+- 1.2
2	151	1.9	26.3	+- 0.8; 4.0	21.7	+- 0.9; 5.3	21.7	+- 2.1
3	134	2.0	22.9	+- 0.7; 3.4	18.0	+- 0.8; 4.9	17.7	+- 1.4
4	119	1.9	19.8	+- 0.6; 3.0	14.6	+- 0.8; 4.5	14.3	+- 0.9
5	89	2.1	23.4	+- 0.7; 3.5	18.5	+- 0.9; 4.9	17.8	+- 1.3
6	65	1.0	20.6	+- 0.6; 3.1	15.6	+- 0.8; 4.6	16.1	+- 1.2
7	46	1.8	22.8	+- 0.7; 3.4	17.9	+- 0.8; 4.9	16.9	+- 1.8
8	27	1.9	22.5	+- 0.7; 3.4	17.5	+- 0.8; 4.8	16.9	+- 1.2
9	22	3.5	21.9	+- 0.7; 3.3	17.0	+- 0.8; 4.7	16.4	+- 1.9
10	0	5.0	22.8	+- 0.7; 3.4	17.8	+- 0.8; 4.8	17.8	+- 1.4
11	51	4.8	24.8	+- 0.7; 3.7	20.0	+- 0.9; 5.1	19.2	+- 1.1
12	67	4.1	19.5	+- 0.6; 2.9	14.3	+- 0.8; 4.5	14.5	+- 1.6
13	87	4.5	21.8	+- 0.7; 3.3	16.8	+- 0.8; 4.7	15.3	+- 1.0
14	109	5.0	22.7	+- 0.7; 3.4	17.8	+- 0.8; 4.8	15.9	+- 1.2
15	118	4.8	22.7	+- 0.7; 3.4	17.8	+- 0.8; 4.8	16.2	+- 2.1
16	138	5.3	20.9	+- 0.6; 3.1	15.8	+- 0.8; 4.6	16.7	+- 1.5
17	115	17.1	21.5	+- 0.6; 3.2	16.5	+- 0.8; 4.7	15.2	+- 1.8
18	199	12.6	21.7	+- 0.7; 3.3	16.7	+- 0.8; 4.7	16.3	+- 1.0
19	208	4.8	26.7	+- 0.8; 4.0	22.0	+- 1.0; 5.3	21.8	+- 2.4
20	225	4.0	24.7	+- 0.7; 3.7	19.9	+- 0.9; 5.1	19.4	+- 1.3
21	178	4.6	18.6	+- 0.6; 2.8	13.4	+- 0.7; 4.4	12.6	+- 1.2
22	167	3.7	22.2	+- 0.7; 3.3	17.2	+- 0.8; 4.8	16.1	+- 1.0
23	181	2.3	20.5	+- 0.6; 3.1	15.4	+- 0.8; 4.6	15.4	+- 1.1
24	194	2.0	23.6	+- 0.7; 3.5	18.8	+- 0.9; 5.0	19.0	+- 1.2
25	228	2.1	23.3	+- 0.7; 3.5	18.4	+- 0.9; 4.9	18.0	+- 1.2
26	245	1.5	19.1	+- 0.6; 2.9	13.9	+- 0.7; 4.4	14.1	+- 1.5
27	273	1.8	18.4	+- 0.6; 2.8	13.2	+- 0.7; 4.3	13.7	+- 1.2
28	287	2.0	19.2	+- 0.6; 2.9	14.0	+- 0.7; 4.4	13.3	+- 1.1
29	311	1.6	21.6	+- 0.6; 3.2	16.6	+- 0.8; 4.7	17.3	+- 1.0
30	334	1.9	22.4	+- 0.7; 3.4	17.4	+- 0.8; 4.8	16.2	+- 1.7
31	351	2.1	18.9	+- 0.6; 2.8	13.7	+- 0.7; 4.4	15.1	+- 2.0
32	333	4.0	21.7	+- 0.7; 3.3	16.7	+- 0.8; 4.7	16.3	+- 1.2
33	318	4.7	Missing Dosimeter		No Net Data		17.7	+- 1.2
34	310	6.9	20.7	+- 0.6; 3.1	15.6	+- 0.8; 4.6	15.5	+- 1.9
35	295	4.0	Missing Dosimeter		No Net Data		20.6	+- 1.3
36	269	4.8	22.4	+- 0.7; 3.4	17.5	+- 0.8; 4.8	18.3	+- 1.7
37	252	4.6	23.3	+- 0.7; 3.5	18.4	+- 0.9; 4.9	17.3	+- 1.4
38	274	10.7	26.9	+- 0.8; 4.0	22.3	+- 1.0; 5.4	18.4	+- 3.2
39	286	15.3	20.0	+- 0.6; 3.0	14.9	+- 0.8; 4.5	14.9	+- 1.3
40	289	16.5	20.1	+- 0.6; 3.0	15.0	+- 0.8; 4.5	14.1	+- 1.1
41	291	17.5	20.5	+- 0.6; 3.1	15.4	+- 0.8; 4.6	15.2	+- 1.4

Transit Dose = 6.1 +- 0.4; 3.0

ROBINSON

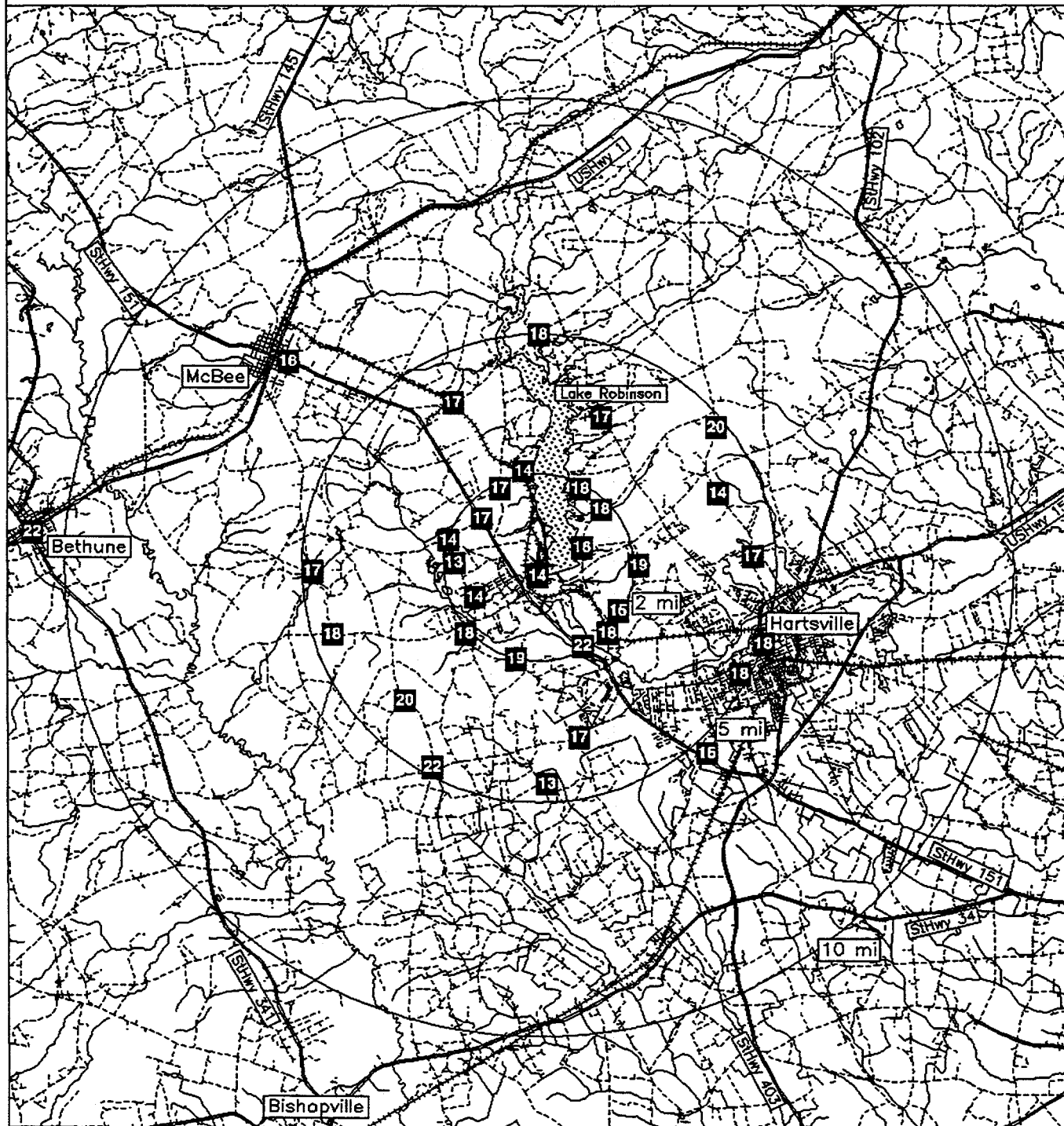
For the period 941205-950406

TLD Direct Radiation Environmental Monitoring

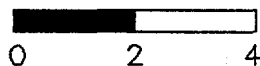
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.8 +- 2.9	2
11.26 - 33.75 NNE	17.2 +- 0.4	2
33.76 - 56.25 NE	19.0 +- 1.5	2
56.26 - 78.75 ENE	14.9 +- 0.9	2
78.76 - 101.25 E	17.7 +- 1.2	2
101.26 - 123.75 ESE	16.7 +- 1.5	4
123.76 - 146.25 SE	16.9 +- 1.5	2
146.26 - 168.75 SSE	19.4 +- 3.2	2
168.76 - 191.25 S	14.1 +- 1.1	3
191.26 - 213.75 SSW	19.2 +- 2.7	3
213.76 - 236.25 SW	19.2 +- 1.0	2
236.26 - 258.75 WSW	16.2 +- 3.2	2
258.76 - 281.25 W	17.6 +- 4.5	3
281.26 - 303.75 WNW	14.0 +- 0.0	1
303.76 - 326.25 NW	16.1 +- 0.7	2
326.26 - 348.75 NNW	17.1 +- 0.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.4 +- 2.5	13
2 - 5	17.4 +- 2.2	18
> 5	17.4 +- 2.8	5
Upwind Control	15.1 +- 0.3	3

NRC TLD DOSES FOR ROBINSON AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

SALEM (DE)

TLD Direct Radiation Environmental Monitoring

For the period 941206-950419 135 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
17	331 4.2	19.5 +- 0.6; 2.9	15.4 +- 0.7; 4.1	16.9 +- 1.9
18	320 3.8	16.5 +- 0.5; 2.5	12.5 +- 0.6; 3.8	13.8 +- 1.0
19	299 3.4	19.7 +- 0.6; 3.0	15.6 +- 0.7; 4.1	16.0 +- 1.2
20	330 9.5	22.3 +- 0.7; 3.3	18.1 +- 0.7; 4.4	19.4 +- 1.3
21	276 3.6	22.4 +- 0.7; 3.4	18.2 +- 0.7; 4.4	18.0 +- 1.3
22	266 4.7	22.0 +- 0.7; 3.3	17.8 +- 0.7; 4.3	17.6 +- 0.8
23	257 4.4	20.9 +- 0.6; 3.1	16.8 +- 0.7; 4.2	17.3 +- 1.1
24	240 4.4	21.8 +- 0.7; 3.3	17.7 +- 0.7; 4.3	17.8 +- 1.0
25	217 4.9	20.1 +- 0.6; 3.0	16.0 +- 0.7; 4.1	17.7 +- 1.2
26	204 3.9	19.5 +- 0.6; 2.9	15.4 +- 0.7; 4.1	16.3 +- 1.1
27	188 4.2	22.7 +- 0.7; 3.4	18.5 +- 0.7; 4.4	19.0 +- 2.4
28	319 18.1	23.3 +- 0.7; 3.5	19.1 +- 0.8; 4.5	19.4 +- 1.7
29	265 6.7	19.9 +- 0.6; 3.0	15.8 +- 0.7; 4.1	14.7 +- 1.0
30	340 12.2	18.6 +- 0.6; 2.8	14.6 +- 0.6; 4.0	14.2 +- 1.2
31	0 18.2	20.3 +- 0.6; 3.0	16.2 +- 0.7; 4.2	17.0 +- 1.0
32	338 8.1	19.4 +- 0.6; 2.9	15.3 +- 0.7; 4.1	15.2 +- 1.1
33	265 9.8	20.4 +- 0.6; 3.1	16.2 +- 0.7; 4.2	17.5 +- 1.1
34	207 11.6	20.9 +- 0.6; 3.1	16.8 +- 0.7; 4.2	16.6 +- 1.1

Transit Dose = 3.8 +- 0.3; 3.0

SALEM (DE)

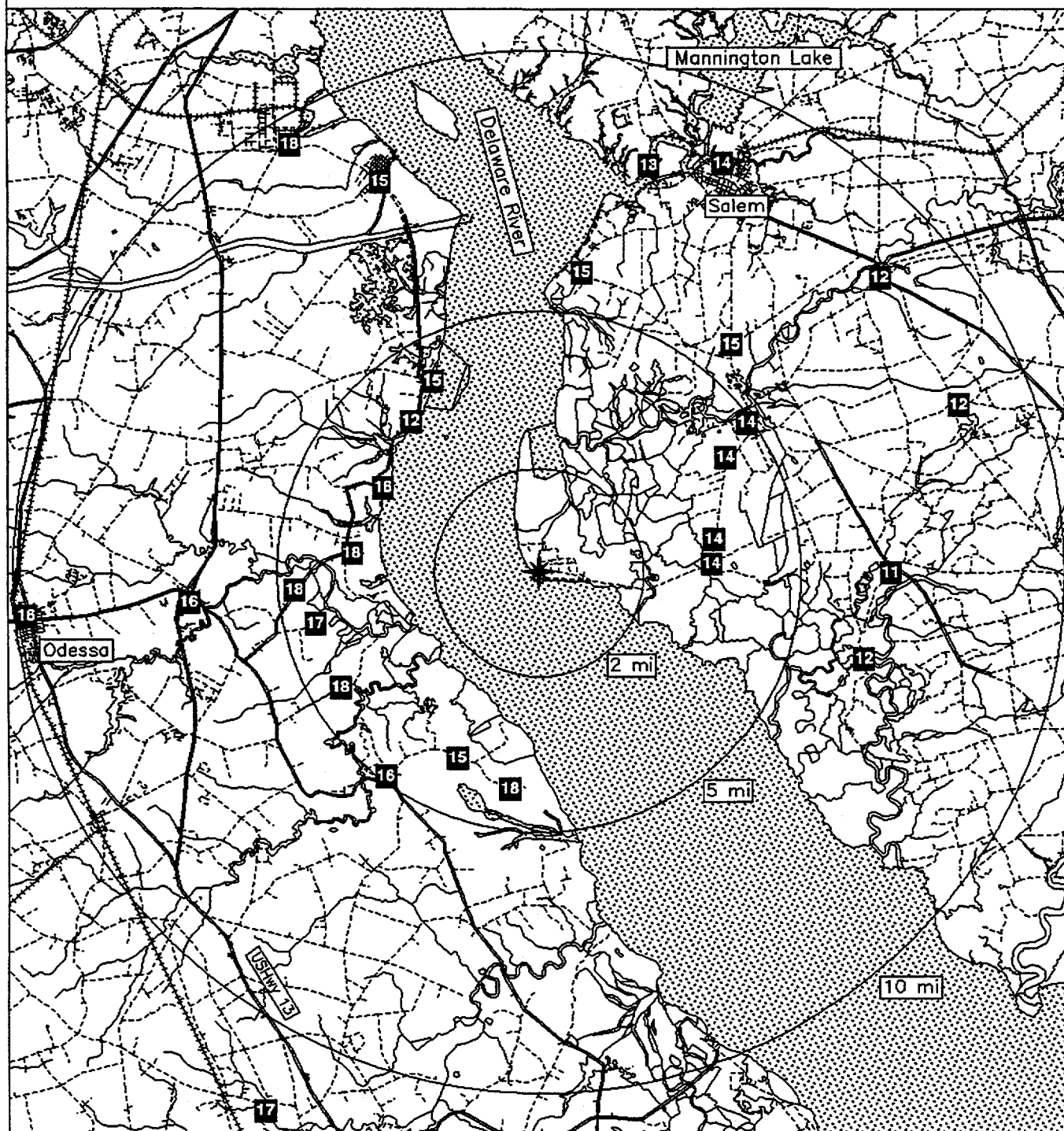
For the period 941206-950419

TLD Direct Radiation Environmental Monitoring

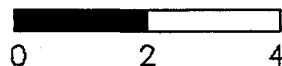
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	18.5 +- 0.0	1
191.26 - 213.75 SSW	16.1 +- 1.0	2
213.76 - 236.25 SW	16.0 +- 0.0	1
236.26 - 258.75 WSW	17.2 +- 0.6	2
258.76 - 281.25 W	17.0 +- 1.2	4
281.26 - 303.75 WNW	15.6 +- 0.0	1
303.76 - 326.25 NW	12.5 +- 0.0	1
326.26 - 348.75 NNW	16.2 +- 1.6	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	16.4 +- 1.8	10
> 5	16.4 +- 1.1	5
Upwind Control	16.6 +- 2.3	3

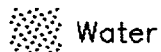
NRC TLD DOSES FOR SALEM - HOPE CREEK AREA



Miles



Legend



Water

— Highways

--- Railroads

--- Roads



★ Plant..site

SALEM (NJ)

TLD Direct Radiation Environmental Monitoring

For the period 941206-950419 135 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	87	3.3	16.4 +- 0.5; 2.5	13.5 +- 0.6; 3.7	14.1 +- 0.7
2	79	3.4	17.2 +- 0.5; 2.6	14.3 +- 0.6; 3.8	14.1 +- 1.0
3	72	3.6	Missing Dosimeter	No Net Data	16.9 +- 2.3
4	58	4.2	17.4 +- 0.5; 2.6	14.5 +- 0.6; 3.8	15.2 +- 1.4
5	54	4.9	16.5 +- 0.5; 2.5	13.6 +- 0.6; 3.7	13.2 +- 0.9
6	68	8.6	14.6 +- 0.4; 2.2	11.7 +- 0.5; 3.5	11.9 +- 0.9
7	40	5.7	17.8 +- 0.5; 2.7	14.9 +- 0.6; 3.8	13.8 +- 0.9
8	116	12.0	15.8 +- 0.5; 2.4	12.9 +- 0.6; 3.6	13.6 +- 0.6
10	8	5.8	17.5 +- 0.5; 2.6	14.6 +- 0.6; 3.8	13.8 +- 1.0
11	15	8.1	15.9 +- 0.5; 2.4	13.1 +- 0.6; 3.7	13.1 +- 0.7
12	24	8.6	16.5 +- 0.5; 2.5	13.6 +- 0.6; 3.7	13.2 +- 0.8
13	49	8.6	15.1 +- 0.5; 2.3	12.3 +- 0.5; 3.6	12.6 +- 0.7
14	90	6.7	14.1 +- 0.4; 2.1	11.3 +- 0.5; 3.5	12.2 +- 0.9
15	105	6.4	14.9 +- 0.4; 2.2	12.1 +- 0.5; 3.6	12.1 +- 0.8

Transit Dose = 2.6 +- 0.3; 2.9

SALEM (NJ)

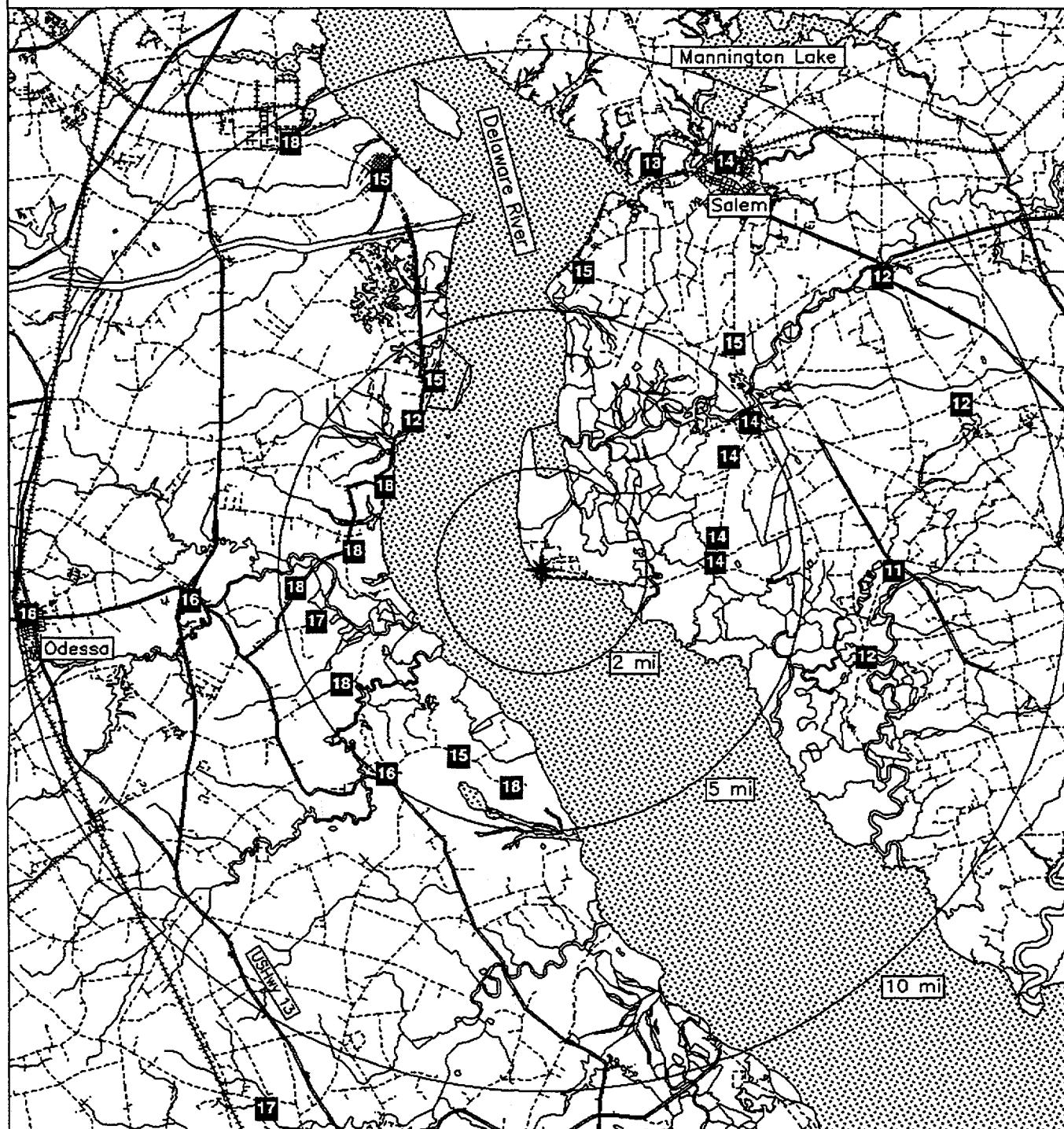
For the period 941206-950419

TLD Direct Radiation Environmental Monitoring

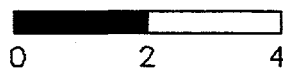
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.6 +- 0.0	1
11.26 - 33.75 NNE	13.4 +- 0.4	2
33.76 - 56.25 NE	13.6 +- 1.3	3
56.26 - 78.75 ENE	13.1 +- 1.9	2
78.76 - 101.25 E	13.0 +- 1.6	3
101.26 - 123.75 ESE	12.5 +- 0.6	2
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	14.0 +- 0.5	4
> 5	12.9 +- 1.2	9
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR SALEM - HOPE CREEK AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

SAN ONOFRE

TLD Direct Radiation Environmental Monitoring

For the period 941203-950418 137 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	346 35.0	31.1 +- 0.9; 4.7	24.2 +- 1.1; 6.0	23.4 +- 1.5
2	346 35.0	29.3 +- 0.9; 4.4	22.4 +- 1.0; 5.8	23.1 +- 1.5
3	346 35.0	31.5 +- 0.9; 4.7	24.7 +- 1.1; 6.0	23.2 +- 1.8
4	327 11.0	25.4 +- 0.8; 3.8	18.2 +- 0.9; 5.3	16.6 +- 1.8
5	308 14.0	27.9 +- 0.8; 4.2	20.9 +- 1.0; 5.6	19.4 +- 1.5
6	307 10.0	26.0 +- 0.8; 3.9	18.9 +- 1.0; 5.3	16.9 +- 1.5
7	318 6.3	25.1 +- 0.8; 3.8	18.0 +- 0.9; 5.2	17.6 +- 1.5
8	322 5.1	27.0 +- 0.8; 4.0	19.9 +- 1.0; 5.5	19.4 +- 1.6
9	311 3.3	25.1 +- 0.8; 3.8	17.9 +- 0.9; 5.2	17.5 +- 1.7
10	331 3.3	26.7 +- 0.8; 4.0	19.6 +- 1.0; 5.4	19.7 +- 2.8
11	300 2.6	26.7 +- 0.8; 4.0	19.6 +- 1.0; 5.4	19.1 +- 1.6
12	285 0.5	26.3 +- 0.8; 3.9	19.2 +- 1.0; 5.4	20.0 +- 3.1
13	320 2.4	Missing Dosimeter	No Net Data	17.8 +- 2.0
14	320 1.7	25.2 +- 0.8; 3.8	18.1 +- 0.9; 5.3	17.8 +- 1.7
15	333 1.2	25.4 +- 0.8; 3.8	18.2 +- 0.9; 5.3	18.3 +- 1.5
16	30 1.9	27.7 +- 0.8; 4.2	20.7 +- 1.0; 5.6	20.7 +- 2.0
17	8 1.3	23.1 +- 0.7; 3.5	15.8 +- 0.9; 5.0	15.6 +- 1.4
18	39 2.0	28.3 +- 0.8; 4.2	21.3 +- 1.0; 5.6	21.6 +- 1.5
19	55 2.9	25.8 +- 0.8; 3.9	18.6 +- 0.9; 5.3	18.3 +- 1.7
20	77 4.1	28.6 +- 0.9; 4.3	21.7 +- 1.0; 5.7	20.2 +- 1.6
21	87 4.7	28.1 +- 0.8; 4.2	21.1 +- 1.0; 5.6	20.3 +- 1.5
22	25 3.4	29.4 +- 0.9; 4.4	22.5 +- 1.1; 5.8	21.9 +- 1.9
23	357 3.5	26.8 +- 0.8; 4.0	19.8 +- 1.0; 5.4	20.4 +- 2.4
24	25 0.4	25.2 +- 0.8; 3.8	18.1 +- 0.9; 5.2	18.1 +- 1.5
25	81 0.4	24.2 +- 0.7; 3.6	16.9 +- 0.9; 5.1	17.6 +- 2.2
26	126 2.1	22.0 +- 0.7; 3.3	14.6 +- 0.8; 4.9	15.2 +- 1.6
27	130 8.6	22.9 +- 0.7; 3.4	15.5 +- 0.9; 5.0	15.3 +- 1.9
28	99 8.9	23.4 +- 0.7; 3.5	16.1 +- 0.9; 5.0	15.6 +- 2.1
29	135 11.0	23.2 +- 0.7; 3.5	15.9 +- 0.9; 5.0	15.9 +- 2.2
30	126 2.0	19.8 +- 0.6; 3.0	12.3 +- 0.8; 4.6	12.6 +- 1.9
31	128 3.7	21.7 +- 0.7; 3.3	14.3 +- 0.8; 4.8	14.4 +- 1.6
32	140 22.0	27.1 +- 0.8; 4.1	20.1 +- 1.0; 5.5	18.6 +- 2.3
33	120 26.0	22.6 +- 0.7; 3.4	15.3 +- 0.9; 4.9	15.3 +- 1.6

Transit Dose = 8.2 +- 0.5; 3.2

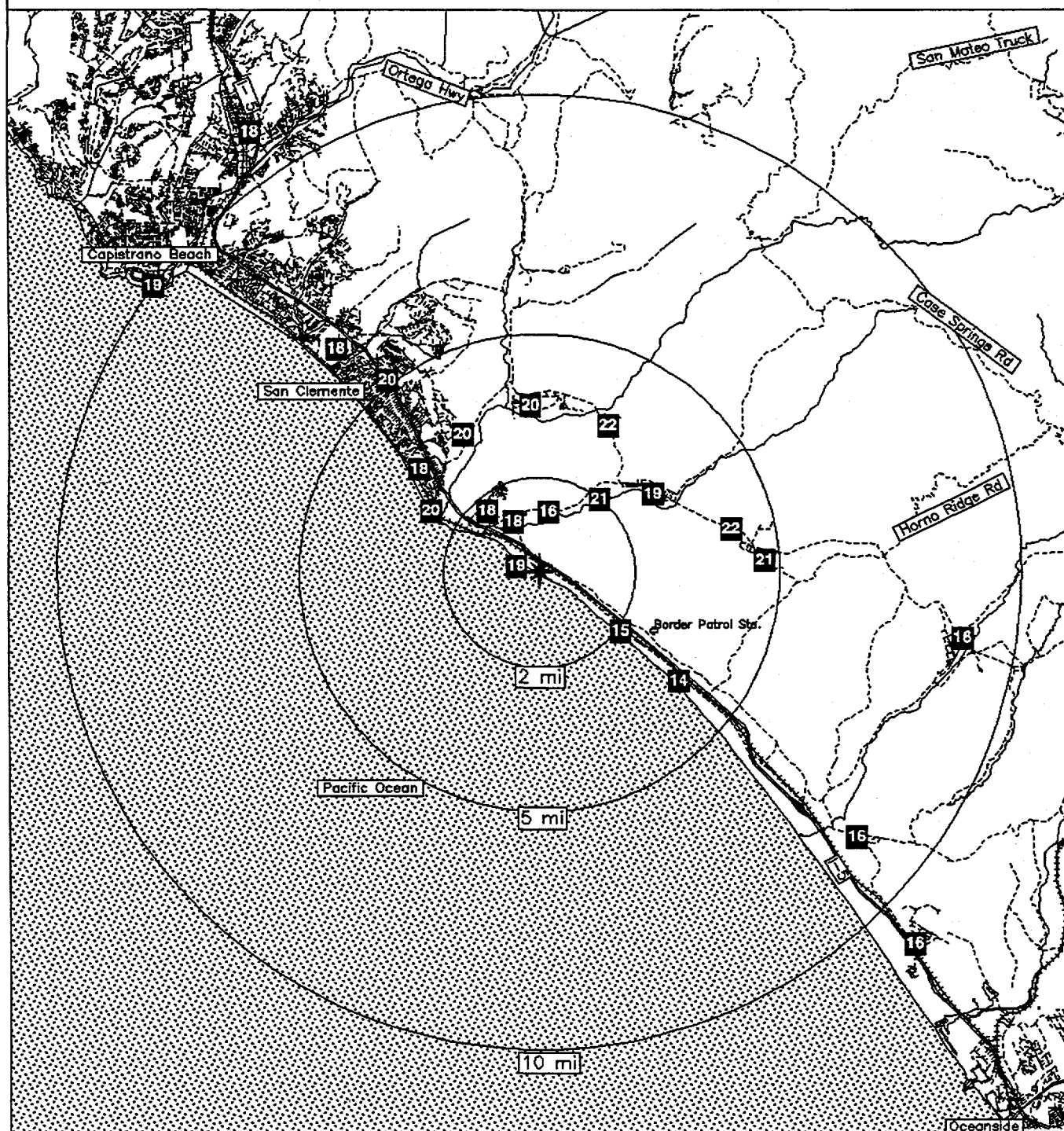
SAN ONOFRE
For the period 941203-950418

TLD Direct Radiation Environmental Monitoring

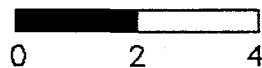
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.8 +- 2.8	2
11.26 - 33.75 NNE	20.4 +- 2.2	3
33.76 - 56.25 NE	20.0 +- 1.9	2
56.26 - 78.75 ENE	21.7 +- 0.0	1
78.76 - 101.25 E	18.0 +- 2.7	3
101.26 - 123.75 ESE	15.3 +- 0.0	1
123.76 - 146.25 SE	15.5 +- 2.6	6
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	19.4 +- 0.3	2
303.76 - 326.25 NW	18.9 +- 1.2	6
326.26 - 348.75 NNW	18.7 +- 0.8	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.8 +- 2.7	9
2 - 5	19.0 +- 2.7	10
> 5	17.9 +- 2.1	10
Upwind Control	23.8 +- 1.2	3

NRC TLD DOSES FOR SAN ONOFRE AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

SEABROOK

TLD Direct Radiation Environmental Monitoring

For the period 941206-950419 135 Days

Field Time: 99 Days

NRC Sta	Location		Gross			Net Exposure Rate			Hist. Range	
	Azimuth/Dist	(Deg)/(Mi)	Exposure (mR)			(mR/Std. Qtr.)			Net Exp Rate	+1 Std Dev
			+-Rdm; Tot.			+-Rdm; Tot.			+-1 Std Dev	
1	154	0.6	21.0	+-	0.6; 3.1	18.8	+-	0.6; 3.9	17.2	+- 2.6
2	178	0.7	21.3	+-	0.6; 3.2	19.0	+-	0.6; 3.9	16.6	+- 2.3
3	207	0.7	20.6	+-	0.6; 3.1	18.4	+-	0.6; 3.9	16.1	+- 2.6
4	224	0.9	21.8	+-	0.7; 3.3	19.6	+-	0.6; 4.0	17.6	+- 2.8
5	243	1.2	19.9	+-	0.6; 3.0	17.8	+-	0.6; 3.8	16.0	+- 2.8
6	294	1.0	21.6	+-	0.6; 3.2	19.4	+-	0.6; 4.0	16.9	+- 2.4
7	267	0.7	20.2	+-	0.6; 3.0	18.1	+-	0.6; 3.8	16.4	+- 2.4
8	320	1.1	21.3	+-	0.6; 3.2	19.1	+-	0.6; 3.9	17.5	+- 2.8
9	329	1.6	24.7	+-	0.7; 3.7	22.2	+-	0.7; 4.3	19.1	+- 3.0
10	357	1.9	21.2	+-	0.6; 3.2	19.0	+-	0.6; 3.9	16.4	+- 2.5
11	18	2.5	Missing Dosimeter			No Net Data			17.1	+- 2.6
12	46	1.9	22.2	+-	0.7; 3.3	19.9	+-	0.6; 4.0	15.9	+- 2.2
13	83	1.7	21.4	+-	0.6; 3.2	19.2	+-	0.6; 3.9	16.9	+- 2.5
14	43	4.1	23.2	+-	0.7; 3.5	20.8	+-	0.7; 4.1	17.6	+- 2.6
15	358	4.2	22.1	+-	0.7; 3.3	19.8	+-	0.6; 4.0	17.5	+- 2.5
16	18	11.8	22.3	+-	0.7; 3.3	19.9	+-	0.6; 4.0	17.8	+- 2.6
17	321	7.4	22.9	+-	0.7; 3.4	20.5	+-	0.7; 4.1	18.6	+- 3.0
18	291	3.9	21.8	+-	0.7; 3.3	19.6	+-	0.6; 4.0	17.5	+- 2.4
19	267	3.7	22.3	+-	0.7; 3.3	19.9	+-	0.6; 4.0	16.8	+- 2.4
20	251	4.2	22.9	+-	0.7; 3.4	20.5	+-	0.7; 4.1	18.8	+- 3.1
21	228	4.7	20.2	+-	0.6; 3.0	18.1	+-	0.6; 3.8	16.5	+- 2.7
22	209	6.2	24.2	+-	0.7; 3.6	21.7	+-	0.7; 4.2	19.1	+- 2.6
23	187	6.5	23.7	+-	0.7; 3.5	21.2	+-	0.7; 4.2	19.0	+- 2.8
24	163	7.1	21.1	+-	0.6; 3.2	18.9	+-	0.6; 3.9	15.5	+- 2.4
25	174	4.0	20.1	+-	0.6; 3.0	18.0	+-	0.6; 3.8	16.0	+- 3.0
26	157	4.0	20.4	+-	0.6; 3.1	18.3	+-	0.6; 3.8	16.4	+- 2.7
27	136	2.4	20.9	+-	0.6; 3.1	18.7	+-	0.6; 3.9	16.9	+- 2.8
28	118	1.6	20.2	+-	0.6; 3.0	18.1	+-	0.6; 3.8	15.9	+- 2.3
30	67	2.1	24.0	+-	0.7; 3.6	21.5	+-	0.7; 4.2	18.1	+- 2.7
31	335	5.5	23.0	+-	0.7; 3.5	20.7	+-	0.7; 4.1	17.8	+- 2.6
32	318	3.2	22.8	+-	0.7; 3.4	20.5	+-	0.7; 4.1	18.5	+- 2.9
33	230	19.3	21.2	+-	0.6; 3.2	19.0	+-	0.6; 3.9	17.2	+- 3.4
34	230	19.3	24.0	+-	0.7; 3.6	21.5	+-	0.7; 4.2	17.7	+- 3.1
35	230	19.3	25.0	+-	0.7; 3.7	22.4	+-	0.7; 4.3	19.1	+- 3.7

Transit Dose = 0.3 +- 0.3; 2.9

SEABROOK

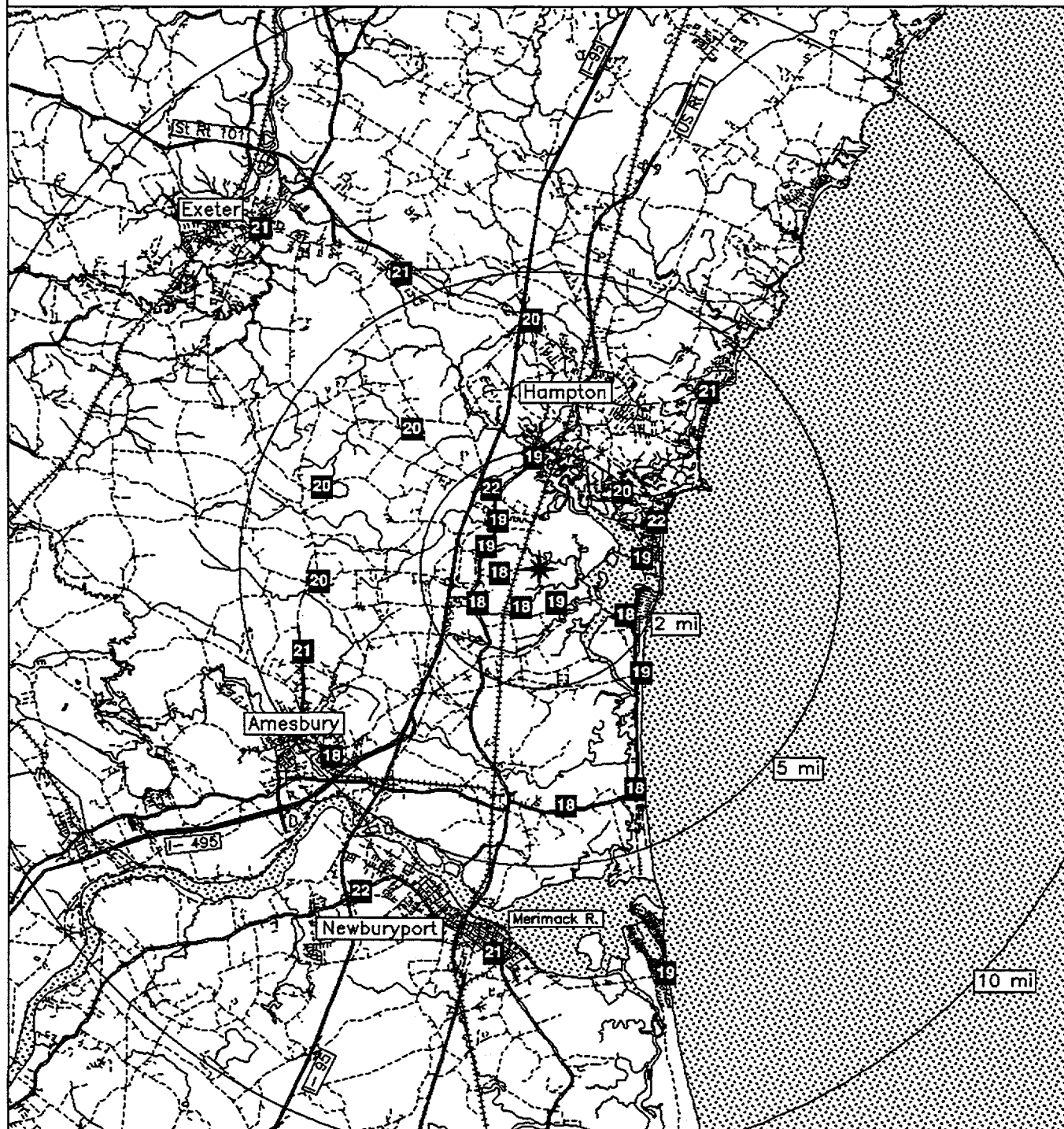
For the period 941206-950419

TLD Direct Radiation Environmental Monitoring

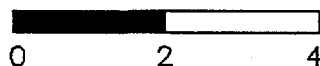
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.4 +- 0.6	2
11.26 - 33.75 NNE	19.9 +- 0.0	1
33.76 - 56.25 NE	20.3 +- 0.6	2
56.26 - 78.75 ENE	21.5 +- 0.0	1
78.76 - 101.25 E	19.2 +- 0.0	1
101.26 - 123.75 ESE	18.1 +- 0.0	1
123.76 - 146.25 SE	18.7 +- 0.0	1
146.26 - 168.75 SSE	18.7 +- 0.3	3
168.76 - 191.25 S	19.4 +- 1.6	3
191.26 - 213.75 SSW	20.1 +- 2.3	2
213.76 - 236.25 SW	20.0 +- 2.2	3
236.26 - 258.75 WSW	19.2 +- 1.9	2
258.76 - 281.25 W	19.0 +- 1.3	2
281.26 - 303.75 WNW	19.5 +- 0.1	2
303.76 - 326.25 NW	19.8 +- 1.0	2
326.26 - 348.75 NNW	21.4 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.1 +- 1.1	13
2 - 5	19.5 +- 1.2	10
> 5	20.8 +- 1.2	7
Upwind Control	20.3 +- 1.3	3

NRC TLD DOSES FOR SEABROOK AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

SEQUOYAH

TLD Direct Radiation Environmental Monitoring

For the period 941205-950406 123 Days

Field Time: 93 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	218	12.0	18.5	+- 0.6; 2.8	17.8	+- 0.6; 3.8	16.7	+- 1.5
2	206	13.0	17.6	+- 0.5; 2.6	17.0	+- 0.6; 3.7	14.2	+- 1.3
3	203	3.9	23.1	+- 0.7; 3.5	22.3	+- 0.7; 4.3	19.9	+- 1.6
4	199	2.0	20.0	+- 0.6; 3.0	19.3	+- 0.6; 3.9	16.6	+- 1.6
5	181	1.4	23.8	+- 0.7; 3.6	23.0	+- 0.7; 4.3	20.9	+- 1.5
6	153	1.5	17.8	+- 0.5; 2.7	17.2	+- 0.6; 3.7	15.4	+- 1.3
7	139	1.9	17.2	+- 0.5; 2.6	16.6	+- 0.5; 3.6	14.6	+- 1.3
8	115	1.8	19.6	+- 0.6; 2.9	18.9	+- 0.6; 3.9	15.9	+- 1.9
9	84	1.6	16.8	+- 0.5; 2.5	16.2	+- 0.5; 3.6	13.6	+- 1.5
10	66	1.3	17.0	+- 0.5; 2.5	16.4	+- 0.5; 3.6	15.5	+- 1.5
11	45	1.5	19.1	+- 0.6; 2.9	18.4	+- 0.6; 3.8	16.5	+- 1.5
12	14	2.0	21.4	+- 0.6; 3.2	20.7	+- 0.7; 4.1	18.5	+- 1.3
13	2	2.1	22.2	+- 0.7; 3.3	21.5	+- 0.7; 4.2	18.7	+- 1.5
14	19	3.9	17.6	+- 0.5; 2.6	16.9	+- 0.6; 3.7	15.8	+- 1.4
15	48	4.0	15.6	+- 0.5; 2.3	15.0	+- 0.5; 3.5	13.6	+- 1.4
16	65	4.9	17.5	+- 0.5; 2.6	16.9	+- 0.6; 3.7	15.7	+- 1.1
17	90	3.9	17.8	+- 0.5; 2.7	17.2	+- 0.6; 3.7	17.2	+- 1.9
18	111	3.4	17.4	+- 0.5; 2.6	16.8	+- 0.6; 3.7	16.1	+- 1.7
19	135	3.4	19.1	+- 0.6; 2.9	18.4	+- 0.6; 3.8	16.0	+- 1.1
20	158	3.4	16.7	+- 0.5; 2.5	16.2	+- 0.5; 3.6	14.3	+- 2.0
21	184	4.6	Missing Dosimeter		No Net Data		18.4	+- 2.5
22	233	11.0	16.7	+- 0.5; 2.5	16.1	+- 0.5; 3.6	14.2	+- 1.5
23	219	4.9	20.9	+- 0.6; 3.1	20.2	+- 0.6; 4.0	17.6	+- 1.6
24	241	4.3	17.1	+- 0.5; 2.6	16.5	+- 0.5; 3.6	15.5	+- 1.5
25	235	2.0	15.2	+- 0.5; 2.3	14.7	+- 0.5; 3.4	13.1	+- 1.2
26	248	1.5	17.3	+- 0.5; 2.6	16.7	+- 0.6; 3.6	15.3	+- 2.1
27	266	1.2	17.6	+- 0.5; 2.6	17.0	+- 0.6; 3.7	14.6	+- 1.2
28	291	1.2	17.9	+- 0.5; 2.7	17.2	+- 0.6; 3.7	15.6	+- 1.6
29	309	1.2	18.4	+- 0.6; 2.8	17.8	+- 0.6; 3.8	15.8	+- 1.5
30	330	0.5	19.5	+- 0.6; 2.9	18.8	+- 0.6; 3.9	16.7	+- 1.5
31	339	1.8	18.7	+- 0.6; 2.8	18.0	+- 0.6; 3.8	16.8	+- 1.4
32	355	4.9	17.6	+- 0.5; 2.6	17.0	+- 0.6; 3.7	14.7	+- 1.3
33	334	3.6	18.3	+- 0.5; 2.7	17.7	+- 0.6; 3.7	14.5	+- 1.5
34	317	4.4	18.6	+- 0.6; 2.8	17.9	+- 0.6; 3.8	15.2	+- 1.8
35	277	5.6	18.6	+- 0.6; 2.8	18.0	+- 0.6; 3.8	16.2	+- 1.5
36	283	3.6	16.9	+- 0.5; 2.5	16.3	+- 0.5; 3.6	14.2	+- 1.2
37	273	4.4	17.8	+- 0.5; 2.7	17.1	+- 0.6; 3.7	15.1	+- 1.5
38	302	19.0	18.5	+- 0.6; 2.8	17.8	+- 0.6; 3.8	15.1	+- 1.4
39	290	18.0	18.8	+- 0.6; 2.8	18.1	+- 0.6; 3.8	16.2	+- 1.3
40	289	18.0	16.5	+- 0.5; 2.5	15.9	+- 0.5; 3.6	14.8	+- 1.4
41	318	6.1	18.3	+- 0.6; 2.8	17.7	+- 0.6; 3.7	15.7	+- 1.3

Transit Dose = 0.0 +- 0.2; 2.7

SEQUOYAH

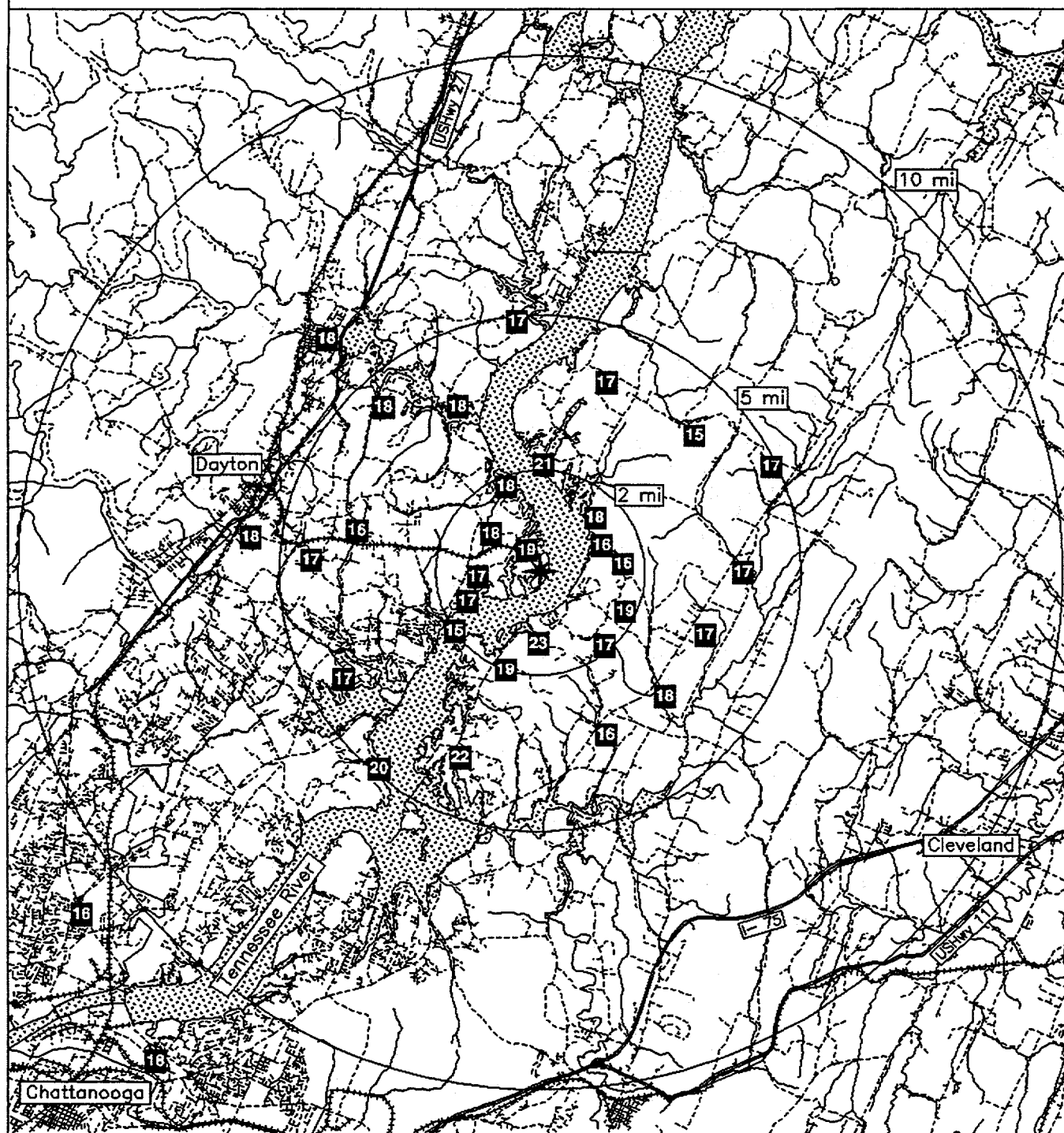
For the period 941205-950406

TLD Direct Radiation Environmental Monitoring

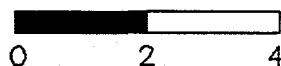
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.2 +- 3.2	2
11.26 - 33.75 NNE	18.8 +- 2.7	2
33.76 - 56.25 NE	16.7 +- 2.4	2
56.26 - 78.75 ENE	16.6 +- 0.4	2
78.76 - 101.25 E	16.7 +- 0.7	2
101.26 - 123.75 ESE	17.9 +- 1.5	2
123.76 - 146.25 SE	17.5 +- 1.3	2
146.26 - 168.75 SSE	16.7 +- 0.8	2
168.76 - 191.25 S	23.0 +- 0.0	1
191.26 - 213.75 SSW	19.5 +- 2.7	3
213.76 - 236.25 SW	17.2 +- 2.4	4
236.26 - 258.75 WSW	16.6 +- 0.1	2
258.76 - 281.25 W	17.4 +- 0.5	3
281.26 - 303.75 WNW	16.8 +- 0.6	2
303.76 - 326.25 NW	17.8 +- 0.1	3
326.26 - 348.75 NNW	18.2 +- 0.6	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 2.0	16
2 - 5	17.8 +- 2.0	16
> 5	17.3 +- 0.8	5
Upwind Control	17.3 +- 1.2	3

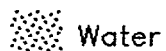
NRC TLD DOSES FOR SEQUOYAH AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

SHOREHAM

TLD Direct Radiation Environmental Monitoring

For the period 941207-950419 134 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	262 10.0	17.9 +- 0.5; 2.7	13.6 +- 0.6; 4.0	13.7 +- 1.2
2	268 4.4	18.6 +- 0.6; 2.8	14.3 +- 0.7; 4.0	14.6 +- 1.1
3	256 3.2	Missing Dosimeter	No Net Data	13.8 +- 1.5
4	268 2.1	19.0 +- 0.6; 2.8	14.7 +- 0.7; 4.1	14.8 +- 1.0
5	243 1.7	18.5 +- 0.6; 2.8	14.2 +- 0.6; 4.0	14.5 +- 1.2
7	136 1.5	18.0 +- 0.5; 2.7	13.7 +- 0.6; 4.0	15.5 +- 2.5
8	116 0.9	21.2 +- 0.6; 3.2	16.9 +- 0.7; 4.3	17.3 +- 1.2
9	91 0.8	18.3 +- 0.5; 2.7	14.0 +- 0.6; 4.0	14.0 +- 1.1
10	73 0.7	17.4 +- 0.5; 2.6	13.1 +- 0.6; 3.9	13.2 +- 1.1
11	62 0.7	17.0 +- 0.5; 2.5	12.7 +- 0.6; 3.9	12.6 +- 1.2
12	75 1.6	18.5 +- 0.6; 2.8	14.2 +- 0.6; 4.0	13.8 +- 1.0
13	88 2.1	18.6 +- 0.6; 2.8	14.3 +- 0.7; 4.0	14.6 +- 1.2
14	119 4.6	18.3 +- 0.5; 2.7	14.0 +- 0.6; 4.0	13.4 +- 1.1
15	110 10.0	18.1 +- 0.5; 2.7	13.8 +- 0.6; 4.0	14.5 +- 1.4
16	138 14.0	16.5 +- 0.5; 2.5	12.2 +- 0.6; 3.8	13.5 +- 1.2
17	162 12.0	16.6 +- 0.5; 2.5	12.3 +- 0.6; 3.8	13.8 +- 2.1
18	174 11.0	18.8 +- 0.6; 2.8	14.5 +- 0.7; 4.1	14.1 +- 1.5
19	189 5.1	21.8 +- 0.7; 3.3	17.5 +- 0.7; 4.4	13.9 +- 1.1
21	163 2.5	Missing Dosimeter	No Net Data	13.6 +- 1.3
22	149 1.5	18.9 +- 0.6; 2.8	14.5 +- 0.7; 4.1	14.8 +- 1.5
23	177 1.3	18.0 +- 0.5; 2.7	13.7 +- 0.6; 4.0	14.2 +- 1.4
24	196 1.2	17.9 +- 0.5; 2.7	13.6 +- 0.6; 4.0	13.7 +- 1.0
25	217 1.5	20.3 +- 0.6; 3.0	16.0 +- 0.7; 4.2	13.2 +- 1.6
26	215 4.6	17.8 +- 0.5; 2.7	13.5 +- 0.6; 4.0	12.4 +- 1.0
27	205 4.2	18.9 +- 0.6; 2.8	14.6 +- 0.7; 4.1	13.9 +- 1.1
28	233 11.0	17.6 +- 0.5; 2.6	13.3 +- 0.6; 3.9	13.4 +- 1.0
29	224 13.0	16.6 +- 0.5; 2.5	12.3 +- 0.6; 3.8	12.8 +- 1.2
30	202 14.0	17.7 +- 0.5; 2.7	13.4 +- 0.6; 3.9	13.9 +- 1.0
31	210 15.0	17.5 +- 0.5; 2.6	13.2 +- 0.6; 3.9	13.0 +- 1.1
32	210 15.0	17.4 +- 0.5; 2.6	13.1 +- 0.6; 3.9	13.7 +- 1.4
33	210 15.0	17.6 +- 0.5; 2.6	13.3 +- 0.6; 3.9	12.8 +- 1.2
34	27 0.2	18.3 +- 0.5; 2.7	14.0 +- 0.6; 4.0	12.6 +- 2.2
35	50 0.3	18.9 +- 0.6; 2.8	14.6 +- 0.7; 4.1	15.3 +- 1.2
36	133 3.9	18.3 +- 0.5; 2.7	14.0 +- 0.6; 4.0	14.7 +- 1.2

Transit Dose = 4.2 +- 0.3; 3.0

SHOREHAM

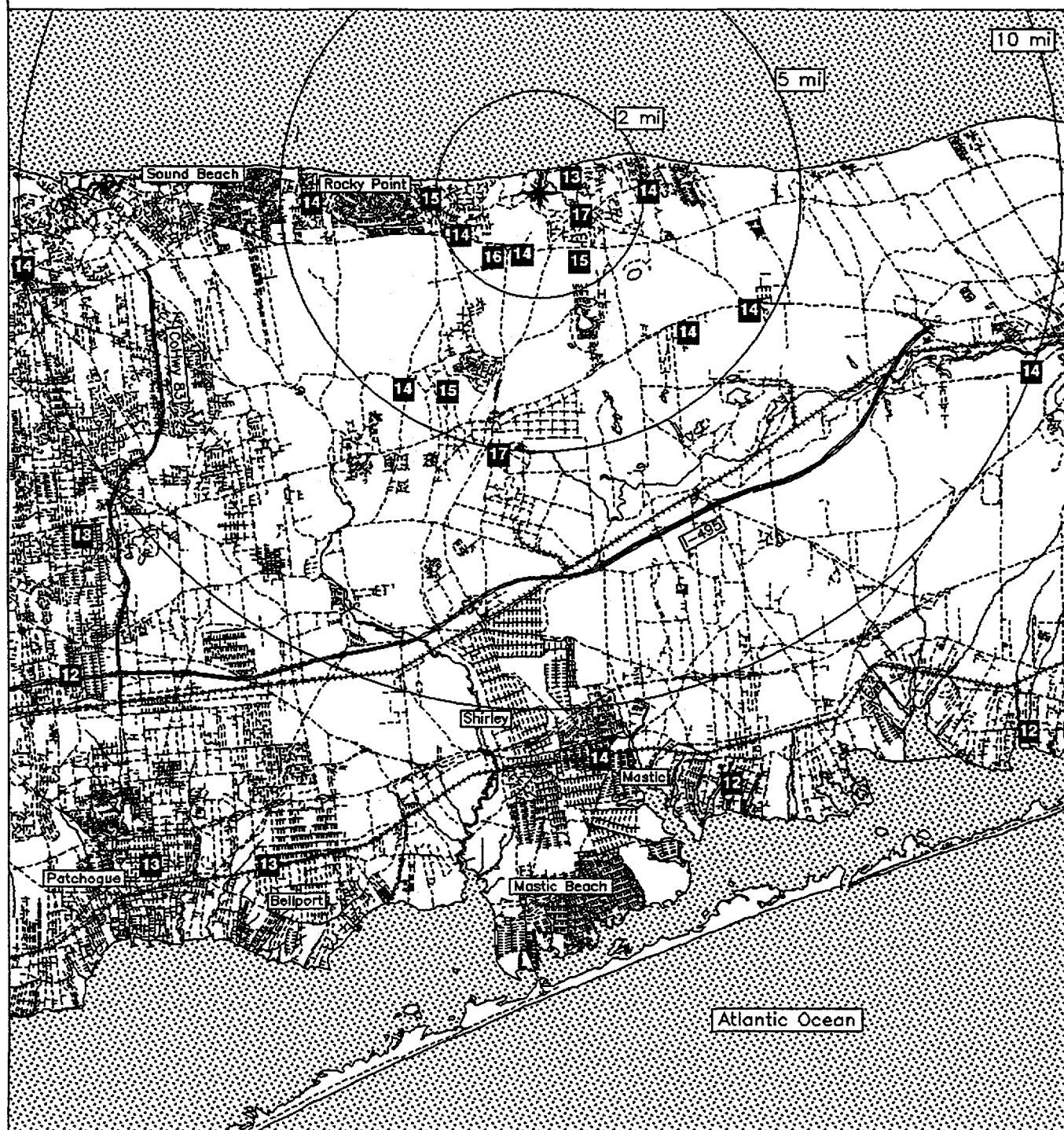
For the period 941207-950419

TLD Direct Radiation Environmental Monitoring

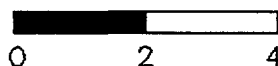
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	14.0 +- 0.0	1
33.76 - 56.25 NE	14.6 +- 0.0	1
56.26 - 78.75 ENE	13.3 +- 0.8	3
78.76 - 101.25 E	14.2 +- 0.2	2
101.26 - 123.75 ESE	14.9 +- 1.7	3
123.76 - 146.25 SE	13.3 +- 0.9	3
146.26 - 168.75 SSE	13.4 +- 1.6	2
168.76 - 191.25 S	15.2 +- 2.0	3
191.26 - 213.75 SSW	13.9 +- 0.6	3
213.76 - 236.25 SW	13.8 +- 1.6	4
236.26 - 258.75 WSW	14.2 +- 0.0	1
258.76 - 281.25 W	14.2 +- 0.6	3
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.3 +- 1.1	13
2 - 5	14.2 +- 0.4	7
> 5	13.7 +- 1.6	9
Upwind Control	13.2 +- 0.1	3

NRC TLD DOSES FOR SHOREHAM AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

SOUTH TEXAS

TLD Direct Radiation Environmental Monitoring

For the period 941203-950503 152 Days

Field Time: 93 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	90	1.0	22.9 +- 0.7; 3.4	16.0 +- 0.8; 4.6	16.4 +- 2.4
2	63	1.0	23.3 +- 0.7; 3.5	16.3 +- 0.8; 4.6	17.3 +- 2.0
3	40	1.0	22.7 +- 0.7; 3.4	15.8 +- 0.8; 4.6	17.8 +- 1.8
4	19	1.0	23.4 +- 0.7; 3.5	16.5 +- 0.8; 4.6	16.8 +- 2.0
5	4	0.9	22.4 +- 0.7; 3.4	15.4 +- 0.8; 4.5	16.7 +- 1.8
6	339	0.9	22.9 +- 0.7; 3.4	16.0 +- 0.8; 4.6	17.0 +- 2.1
7	318	1.0	21.6 +- 0.6; 3.2	14.7 +- 0.7; 4.4	16.4 +- 1.9
8	294	1.1	24.6 +- 0.7; 3.7	17.6 +- 0.8; 4.8	19.2 +- 2.1
9	267	1.3	24.9 +- 0.7; 3.7	17.9 +- 0.8; 4.8	19.4 +- 1.9
10	126	0.3	20.9 +- 0.6; 3.1	14.0 +- 0.7; 4.4	15.4 +- 1.9
11	180	0.1	21.2 +- 0.6; 3.2	14.4 +- 0.7; 4.4	16.1 +- 2.6
12	257	0.5	20.7 +- 0.6; 3.1	13.9 +- 0.7; 4.3	14.9 +- 2.1
13	262	0.9	20.1 +- 0.6; 3.0	13.3 +- 0.7; 4.3	15.0 +- 2.1
14	250	1.3	21.4 +- 0.6; 3.2	14.5 +- 0.7; 4.4	15.5 +- 1.9
15	227	2.4	20.2 +- 0.6; 3.0	13.4 +- 0.7; 4.3	14.3 +- 2.0
16	210	3.7	20.4 +- 0.6; 3.1	13.5 +- 0.7; 4.3	13.9 +- 2.1
17	175	3.6	19.3 +- 0.6; 2.9	12.5 +- 0.7; 4.2	14.1 +- 1.9
18	158	3.7	19.4 +- 0.6; 2.9	12.6 +- 0.7; 4.2	14.3 +- 2.0
19	143	3.3	19.4 +- 0.6; 2.9	12.6 +- 0.7; 4.2	13.9 +- 2.2
20	122	2.3	22.2 +- 0.7; 3.3	15.3 +- 0.8; 4.5	15.4 +- 2.3
21	121	1.1	22.5 +- 0.7; 3.4	15.6 +- 0.8; 4.5	15.0 +- 2.0
22	257	2.5	23.3 +- 0.7; 3.5	16.4 +- 0.8; 4.6	16.5 +- 1.9
23	262	4.5	24.6 +- 0.7; 3.7	17.6 +- 0.8; 4.8	18.7 +- 2.0
24	282	4.7	22.7 +- 0.7; 3.4	15.8 +- 0.8; 4.6	16.8 +- 2.2
25	304	5.8	20.8 +- 0.6; 3.1	13.9 +- 0.7; 4.4	15.3 +- 2.2
26	242	5.4	22.8 +- 0.7; 3.4	15.9 +- 0.8; 4.6	16.5 +- 2.1
27	223	5.0	22.5 +- 0.7; 3.4	15.6 +- 0.8; 4.5	16.5 +- 2.1
28	236	9.6	20.2 +- 0.6; 3.0	13.3 +- 0.7; 4.3	14.6 +- 2.3
29	259	10.0	21.4 +- 0.6; 3.2	14.5 +- 0.7; 4.4	15.8 +- 2.1
30	291	6.2	21.6 +- 0.6; 3.2	14.7 +- 0.7; 4.4	16.7 +- 1.7
31	323	7.8	22.8 +- 0.7; 3.4	15.9 +- 0.8; 4.6	17.9 +- 5.0
32	335	7.4	25.8 +- 0.8; 3.9	18.8 +- 0.9; 4.9	20.9 +- 2.1
33	351	5.5	20.6 +- 0.6; 3.1	13.7 +- 0.7; 4.3	14.9 +- 2.1
34	88	4.4	20.6 +- 0.6; 3.1	13.8 +- 0.7; 4.3	15.2 +- 2.1
35	89	6.7	20.1 +- 0.6; 3.0	13.3 +- 0.7; 4.3	14.6 +- 2.2
36	121	3.9	19.2 +- 0.6; 2.9	12.4 +- 0.7; 4.2	15.7 +- 2.6
37	145	8.8	19.5 +- 0.6; 2.9	12.7 +- 0.7; 4.2	14.7 +- 2.0
38	297	12.0	21.2 +- 0.6; 3.2	14.3 +- 0.7; 4.4	14.9 +- 2.1
39	321	9.3	22.6 +- 0.7; 3.4	15.7 +- 0.8; 4.5	17.6 +- 1.9
40	353	12.0	Missing Dosimeter	No Net Data	14.5 +- 1.8
41	13	18.0	Missing Dosimeter	No Net Data	15.9 +- 2.0
42	21	5.7	21.5 +- 0.6; 3.2	14.6 +- 0.7; 4.4	16.7 +- 2.4
43	39	5.8	23.2 +- 0.7; 3.5	16.2 +- 0.8; 4.6	17.1 +- 2.0
44	53	5.1	21.7 +- 0.7; 3.3	14.8 +- 0.8; 4.5	18.0 +- 2.5
45	69	7.3	20.4 +- 0.6; 3.1	13.6 +- 0.7; 4.3	14.9 +- 2.1
46	66	17.0	24.1 +- 0.7; 3.6	17.1 +- 0.8; 4.7	19.3 +- 1.9

Transit Dose = 6.4 +- 0.4; 3.2

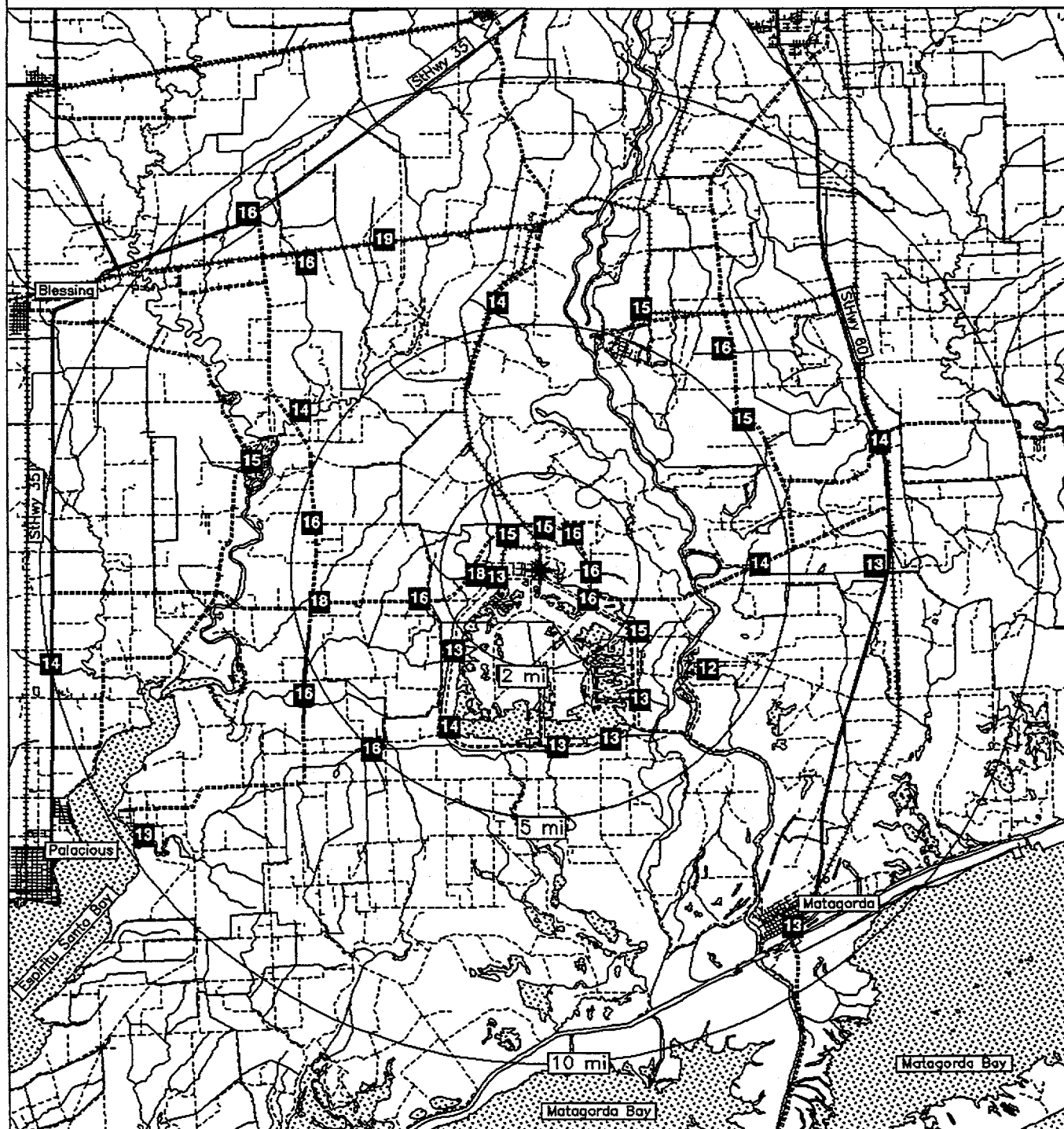
SOUTH TEXAS
For the period 941203-950503

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.6 +- 1.2	2
11.26 - 33.75 NNE	15.6 +- 1.3	2
33.76 - 56.25 NE	15.6 +- 0.7	3
56.26 - 78.75 ENE	15.7 +- 1.8	3
78.76 - 101.25 E	14.3 +- 1.5	3
101.26 - 123.75 ESE	14.4 +- 1.8	3
123.76 - 146.25 SE	13.1 +- 0.8	3
146.26 - 168.75 SSE	12.6 +- 0.0	1
168.76 - 191.25 S	13.4 +- 1.3	2
191.26 - 213.75 SSW	13.5 +- 0.0	1
213.76 - 236.25 SW	14.1 +- 1.3	3
236.26 - 258.75 WSW	15.2 +- 1.2	4
258.76 - 281.25 W	15.8 +- 2.3	4
281.26 - 303.75 WNW	16.1 +- 1.5	3
303.76 - 326.25 NW	15.1 +- 0.9	4
326.26 - 348.75 NNW	17.4 +- 1.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.5 +- 1.3	15
2 - 5	14.3 +- 1.8	12
> 5	14.9 +- 1.6	16
Upwind Control	14.3 +- 0.0	1

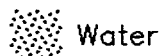
NRC TLD DOSES FOR SOUTH TEXAS AREA



Miles

0 2 4

Legend



Water

Highways

Railroads

Roads



Plant..site

ST. LUCIE

TLD Direct Radiation Environmental Monitoring

For the period 941205-950502 149 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	20 0.3	17.7 +- 0.5; 2.7	13.7 +- 0.6; 3.9	14.2 +- 3.2
2	45 0.2	16.8 +- 0.5; 2.5	12.8 +- 0.6; 3.8	14.9 +- 3.2
3	67 0.2	20.9 +- 0.6; 3.1	16.8 +- 0.7; 4.3	16.2 +- 4.2
4	92 0.3	15.9 +- 0.5; 2.4	12.0 +- 0.6; 3.8	13.6 +- 3.3
5	115 0.4	15.4 +- 0.5; 2.3	11.4 +- 0.6; 3.7	13.1 +- 3.2
6	143 1.1	14.3 +- 0.4; 2.2	10.4 +- 0.5; 3.6	12.1 +- 3.1
7	150 2.0	15.3 +- 0.5; 2.3	11.3 +- 0.6; 3.7	11.8 +- 3.2
8	154 4.7	Missing Dosimeter	No Net Data	12.6 +- 3.3
9	152 23.0	15.3 +- 0.5; 2.3	11.4 +- 0.6; 3.7	13.1 +- 3.4
10	152 23.0	17.4 +- 0.5; 2.6	13.4 +- 0.6; 3.9	13.8 +- 4.9
11	152 23.0	17.1 +- 0.5; 2.6	13.1 +- 0.6; 3.9	14.9 +- 4.7
12	168 14.0	16.4 +- 0.5; 2.5	12.4 +- 0.6; 3.8	13.0 +- 3.2
13	185 10.0	15.8 +- 0.5; 2.4	11.8 +- 0.6; 3.7	13.3 +- 3.1
14	183 11.0	16.4 +- 0.5; 2.5	12.4 +- 0.6; 3.8	15.2 +- 3.2
15	170 8.0	15.7 +- 0.5; 2.4	11.7 +- 0.6; 3.7	12.9 +- 3.2
16	196 7.0	15.8 +- 0.5; 2.4	11.8 +- 0.6; 3.7	13.2 +- 3.2
17	229 7.9	21.3 +- 0.6; 3.2	17.2 +- 0.7; 4.3	15.6 +- 4.3
18	250 6.6	14.2 +- 0.4; 2.1	10.2 +- 0.5; 3.6	12.2 +- 3.2
19	247 4.8	14.2 +- 0.4; 2.1	10.2 +- 0.5; 3.6	12.9 +- 3.2
20	229 5.0	16.1 +- 0.5; 2.4	12.1 +- 0.6; 3.8	13.2 +- 2.9
21	208 3.8	15.7 +- 0.5; 2.4	11.7 +- 0.6; 3.7	12.7 +- 3.5
22	187 3.8	15.3 +- 0.5; 2.3	11.3 +- 0.6; 3.7	13.0 +- 3.3
23	203 2.6	16.6 +- 0.5; 2.5	12.6 +- 0.6; 3.8	13.3 +- 3.1
24	245 1.9	15.2 +- 0.5; 2.3	11.2 +- 0.6; 3.7	12.9 +- 3.3
25	280 2.2	16.6 +- 0.5; 2.5	12.6 +- 0.6; 3.8	13.4 +- 3.3
26	299 3.1	16.4 +- 0.5; 2.5	12.4 +- 0.6; 3.8	13.6 +- 3.1
27	305 3.8	15.8 +- 0.5; 2.4	11.9 +- 0.6; 3.7	13.1 +- 3.2
28	276 4.0	15.2 +- 0.5; 2.3	11.2 +- 0.6; 3.7	12.6 +- 3.1
29	293 5.8	15.9 +- 0.5; 2.4	11.9 +- 0.6; 3.8	13.0 +- 3.2
30	316 7.7	15.4 +- 0.5; 2.3	11.4 +- 0.6; 3.7	12.9 +- 3.3
32	300 11.0	15.9 +- 0.5; 2.4	11.9 +- 0.6; 3.8	13.8 +- 3.1
33	322 8.7	17.8 +- 0.5; 2.7	13.8 +- 0.6; 3.9	14.3 +- 3.3
34	339 8.8	15.5 +- 0.5; 2.3	11.5 +- 0.6; 3.7	13.5 +- 3.2
35	342 2.9	Missing Dosimeter	No Net Data	12.5 +- 3.0
36	346 1.9	17.3 +- 0.5; 2.6	13.3 +- 0.6; 3.9	14.0 +- 3.3
37	353 1.0	15.2 +- 0.5; 2.3	11.3 +- 0.6; 3.7	13.0 +- 3.6
38	226 2.0	16.6 +- 0.5; 2.5	12.6 +- 0.6; 3.8	13.3 +- 3.3

Transit Dose = 3.9 +- 0.3; 3.0

ST. LUCIE

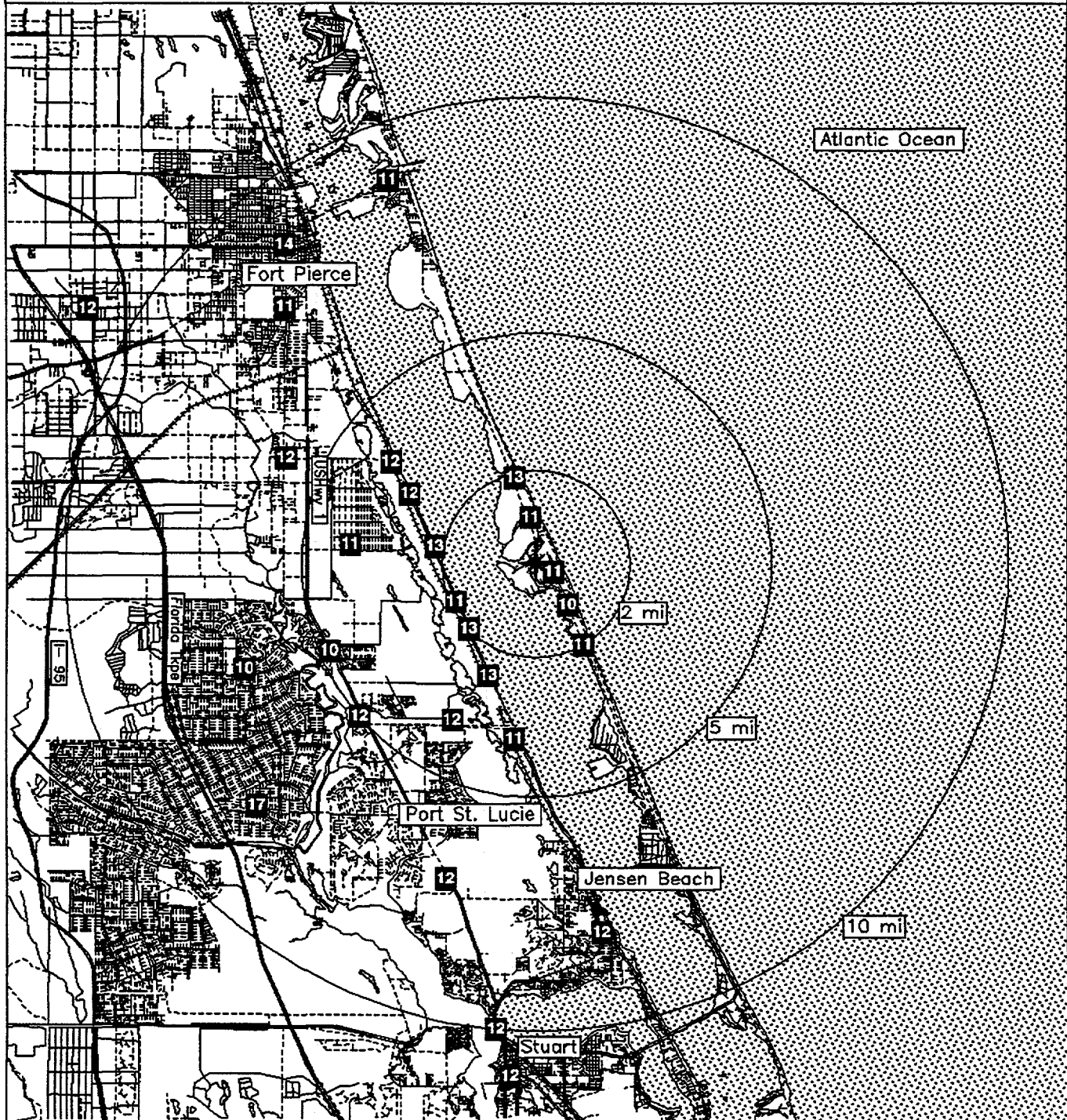
For the period 941205-950502

TLD Direct Radiation Environmental Monitoring

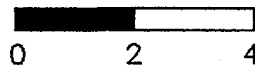
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.3 +- 0.0	1
11.26 - 33.75 NNE	13.7 +- 0.0	1
33.76 - 56.25 NE	12.8 +- 0.0	1
56.26 - 78.75 ENE	16.8 +- 0.0	1
78.76 - 101.25 E	12.0 +- 0.0	1
101.26 - 123.75 ESE	11.4 +- 0.0	1
123.76 - 146.25 SE	10.4 +- 0.0	1
146.26 - 168.75 SSE	11.9 +- 0.8	2
168.76 - 191.25 S	11.8 +- 0.4	4
191.26 - 213.75 SSW	12.1 +- 0.5	3
213.76 - 236.25 SW	14.0 +- 2.8	3
236.26 - 258.75 WSW	10.6 +- 0.6	3
258.76 - 281.25 W	11.9 +- 0.9	2
281.26 - 303.75 WNW	12.1 +- 0.3	3
303.76 - 326.25 NW	12.3 +- 1.2	3
326.26 - 348.75 NNW	12.4 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.4 +- 1.8	11
2 - 5	11.8 +- 0.8	9
> 5	12.3 +- 1.7	12
Upwind Control	12.6 +- 1.1	3

NRC TLD DOSES FOR ST. LUCIE AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant site

SUMMER

TLD Direct Radiation Environmental Monitoring

For the period 941205-950406 123 Days

Field Time: 84 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	199 3.7	26.6 +- 0.8; 4.0	21.1 +- 1.0; 5.4	20.8 +- 2.2
2	111 1.0	26.4 +- 0.8; 4.0	20.9 +- 1.0; 5.4	19.3 +- 2.0
3	340 4.1	28.1 +- 0.8; 4.2	22.7 +- 1.0; 5.6	22.2 +- 2.5
4	192 9.3	26.4 +- 0.8; 4.0	20.9 +- 1.0; 5.4	20.8 +- 1.2
5	72 1.8	29.4 +- 0.9; 4.4	24.1 +- 1.0; 5.7	22.0 +- 2.1
6	54 1.5	27.0 +- 0.8; 4.0	21.5 +- 1.0; 5.4	21.7 +- 1.4
7	46 3.0	33.6 +- 1.0; 5.0	28.7 +- 1.2; 6.3	26.2 +- 2.4
8	31 3.0	34.8 +- 1.0; 5.2	29.9 +- 1.2; 6.5	27.6 +- 2.3
9	13 3.9	30.3 +- 0.9; 4.5	25.0 +- 1.1; 5.9	26.7 +- 1.7
10	7 4.0	30.6 +- 0.9; 4.6	25.4 +- 1.1; 5.9	25.8 +- 1.3
11	349 4.3	31.8 +- 1.0; 4.8	26.7 +- 1.1; 6.1	22.0 +- 2.7
12	323 5.0	26.8 +- 0.8; 4.0	21.4 +- 1.0; 5.4	24.1 +- 2.3
13	333 3.0	29.6 +- 0.9; 4.4	24.4 +- 1.1; 5.8	24.6 +- 1.5
14	255 2.8	26.8 +- 0.8; 4.0	21.3 +- 1.0; 5.4	18.7 +- 2.6
15	308 5.6	Missing Dosimeter	No Net Data	25.3 +- 1.6
16	64 3.5	32.9 +- 1.0; 4.9	27.8 +- 1.1; 6.2	26.6 +- 2.8
17	98 3.1	27.1 +- 0.8; 4.1	21.6 +- 1.0; 5.4	22.8 +- 1.5
18	114 3.5	27.2 +- 0.8; 4.1	21.7 +- 1.0; 5.4	22.6 +- 1.3
19	132 2.0	27.3 +- 0.8; 4.1	21.9 +- 1.0; 5.5	20.5 +- 1.2
20	152 4.5	21.8 +- 0.7; 3.3	16.0 +- 0.8; 4.8	13.8 +- 2.3
21	133 4.1	21.4 +- 0.6; 3.2	15.6 +- 0.8; 4.7	15.5 +- 1.0
22	157 2.4	23.9 +- 0.7; 3.6	18.3 +- 0.9; 5.0	17.6 +- 1.4
23	173 2.4	25.4 +- 0.8; 3.8	19.9 +- 0.9; 5.2	19.8 +- 1.6
24	185 3.9	23.7 +- 0.7; 3.6	18.1 +- 0.9; 5.0	18.9 +- 1.5
25	210 3.3	24.4 +- 0.7; 3.7	18.8 +- 0.9; 5.1	18.8 +- 1.0
26	217 3.3	23.0 +- 0.7; 3.5	17.3 +- 0.9; 4.9	17.1 +- 1.3
27	231 3.1	20.7 +- 0.6; 3.1	14.8 +- 0.8; 4.7	14.8 +- 1.6
28	267 2.7	26.7 +- 0.8; 4.0	21.2 +- 1.0; 5.4	21.8 +- 1.5
29	276 3.4	28.6 +- 0.9; 4.3	23.2 +- 1.0; 5.6	23.2 +- 1.4
30	293 3.8	30.5 +- 0.9; 4.6	25.3 +- 1.1; 5.9	24.7 +- 3.8
31	244 3.6	24.7 +- 0.7; 3.7	19.1 +- 0.9; 5.1	20.2 +- 3.3
32	247 6.2	29.8 +- 0.9; 4.5	24.6 +- 1.1; 5.8	23.2 +- 1.8
33	218 9.0	26.7 +- 0.8; 4.0	21.2 +- 1.0; 5.4	20.0 +- 1.2
34	192 9.3	26.5 +- 0.8; 4.0	21.0 +- 1.0; 5.4	20.2 +- 1.3
35	184 14.1	21.6 +- 0.6; 3.2	15.8 +- 0.8; 4.8	15.9 +- 1.0
36	183 14.6	21.1 +- 0.6; 3.2	15.3 +- 0.8; 4.7	14.3 +- 2.4
37	182 14.8	20.3 +- 0.6; 3.0	14.3 +- 0.8; 4.6	13.4 +- 2.5
38	148 20.8	27.2 +- 0.8; 4.1	21.8 +- 1.0; 5.5	20.5 +- 1.6
39	140 25.0	29.9 +- 0.9; 4.5	24.6 +- 1.1; 5.8	22.5 +- 2.2
40	135 23.1	26.6 +- 0.8; 4.0	21.1 +- 1.0; 5.4	19.4 +- 3.1

Transit Dose = 6.9 +- 0.4; 3.0

SUMMER

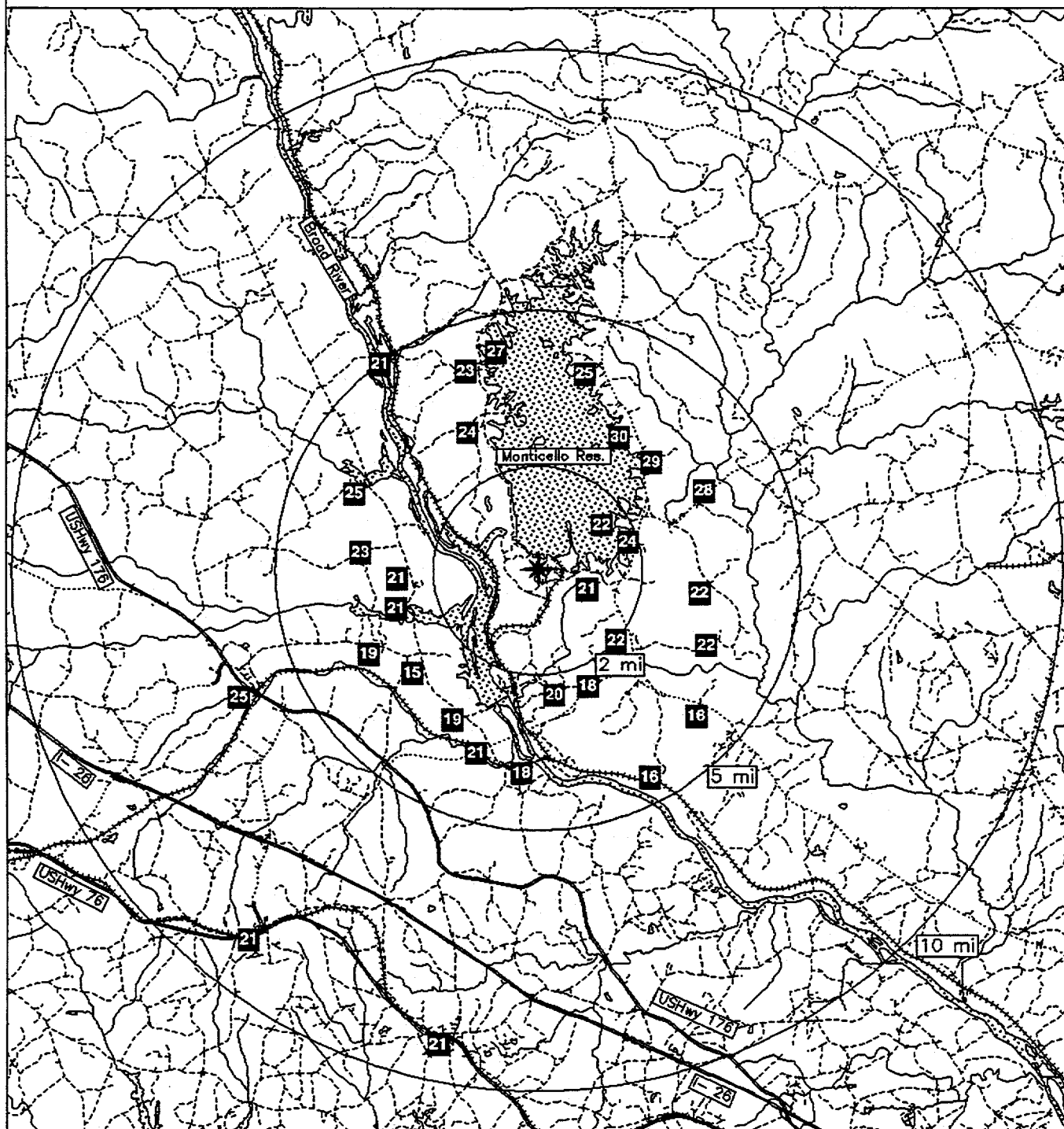
For the period 941205-950406

TLD Direct Radiation Environmental Monitoring

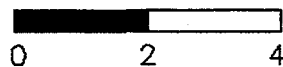
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	26.0 +- 0.9	2
11.26 - 33.75 NNE	27.5 +- 3.4	2
33.76 - 56.25 NE	25.1 +- 5.1	2
56.26 - 78.75 ENE	26.0 +- 2.6	2
78.76 - 101.25 E	21.6 +- 0.0	1
101.26 - 123.75 ESE	21.3 +- 0.6	2
123.76 - 146.25 SE	20.8 +- 3.8	4
146.26 - 168.75 SSE	18.7 +- 2.9	3
168.76 - 191.25 S	19.0 +- 1.3	2
191.26 - 213.75 SSW	20.5 +- 1.1	4
213.76 - 236.25 SW	17.7 +- 3.2	3
236.26 - 258.75 WSW	21.6 +- 2.8	3
258.76 - 281.25 W	22.2 +- 1.4	2
281.26 - 303.75 WNW	25.3 +- 0.0	1
303.76 - 326.25 NW	21.4 +- 0.0	1
326.26 - 348.75 NNW	23.6 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	22.1 +- 1.4	4
2 - 5	21.8 +- 4.1	25
> 5	22.2 +- 1.7	7
Upwind Control	15.1 +- 0.7	3

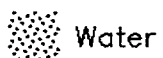
NRC TLD DOSES FOR SUMMER AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

SURRY

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 94 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	18	19.0	21.8 +- 0.7; 3.3		17.1 +- 0.7; 4.3		15.6 +- 1.1	
2	129	17.0	22.2 +- 0.7; 3.3		17.4 +- 0.7; 4.3		17.0 +- 1.4	
3	162	17.0	24.3 +- 0.7; 3.6		19.4 +- 0.8; 4.6		15.9 +- 1.3	
4	162	17.0	19.8 +- 0.6; 3.0		15.1 +- 0.7; 4.1		13.4 +- 1.6	
5	156	5.1	23.9 +- 0.7; 3.6		19.1 +- 0.8; 4.5		17.7 +- 1.3	
6	189	4.1	20.6 +- 0.6; 3.1		15.9 +- 0.7; 4.2		14.7 +- 1.5	
7	202	2.2	21.3 +- 0.6; 3.2		16.5 +- 0.7; 4.2		14.9 +- 1.5	
8	183	1.6	23.8 +- 0.7; 3.6		18.9 +- 0.8; 4.5		17.3 +- 1.2	
9	243	0.2	26.6 +- 0.8; 4.0		21.6 +- 0.8; 4.8		20.2 +- 1.4	
10	269	0.1	28.8 +- 0.9; 4.3		23.7 +- 0.9; 5.1		22.9 +- 2.5	
11	304	0.1	25.9 +- 0.8; 3.9		20.9 +- 0.8; 4.7		23.2 +- 3.5	
12	334	0.2	28.3 +- 0.9; 4.3		23.3 +- 0.9; 5.0		23.2 +- 2.4	
13	10	1.2	23.1 +- 0.7; 3.5		18.2 +- 0.7; 4.4		16.3 +- 1.4	
14	21	2.0	22.4 +- 0.7; 3.4		17.6 +- 0.7; 4.3		16.7 +- 1.4	
15	203	4.5	21.3 +- 0.6; 3.2		16.5 +- 0.7; 4.2		15.2 +- 1.4	
16	224	3.7	19.8 +- 0.6; 3.0		15.1 +- 0.7; 4.1		14.0 +- 1.2	
17	212	2.0	21.7 +- 0.7; 3.3		16.9 +- 0.7; 4.3		17.2 +- 1.4	
18	248	5.1	21.4 +- 0.6; 3.2		16.6 +- 0.7; 4.2		14.8 +- 1.5	
19	259	8.1	21.8 +- 0.7; 3.3		17.0 +- 0.7; 4.3		15.4 +- 2.2	
20	285	5.0	15.1 +- 0.5; 2.3		10.6 +- 0.6; 3.6		10.7 +- 1.5	
21	270	4.1	23.9 +- 0.7; 3.6		19.0 +- 0.8; 4.5		18.6 +- 1.5	
22	123	12.0	25.6 +- 0.8; 3.8		20.7 +- 0.8; 4.7		20.4 +- 2.7	
23	102	11.0	25.9 +- 0.8; 3.9		20.9 +- 0.8; 4.7		22.6 +- 2.1	
24	106	4.9	22.8 +- 0.7; 3.4		18.0 +- 0.7; 4.4		17.8 +- 1.4	
25	90	5.2	22.3 +- 0.7; 3.3		17.4 +- 0.7; 4.3		17.0 +- 1.4	
26	69	5.1	27.3 +- 0.8; 4.1		22.3 +- 0.9; 4.9		21.3 +- 1.5	
27	23	5.3	25.2 +- 0.8; 3.8		20.3 +- 0.8; 4.7		18.4 +- 1.5	
28	49	5.0	23.6 +- 0.7; 3.5		18.7 +- 0.8; 4.5		18.6 +- 1.5	
29	7	6.8	20.8 +- 0.6; 3.1		16.1 +- 0.7; 4.2		17.8 +- 1.5	
30	359	6.5	21.8 +- 0.7; 3.3		17.0 +- 0.7; 4.3		15.7 +- 1.4	
31	1	4.6	18.4 +- 0.6; 2.8		13.8 +- 0.6; 3.9		13.3 +- 2.3	
32	332	3.8	21.7 +- 0.7; 3.3		16.9 +- 0.7; 4.3		16.4 +- 1.7	
33	314	5.4	22.8 +- 0.7; 3.4		18.0 +- 0.7; 4.4		17.5 +- 1.3	
34	308	6.4	23.0 +- 0.7; 3.4		18.1 +- 0.7; 4.4		16.3 +- 1.5	
35	348	5.3	21.0 +- 0.6; 3.1		16.2 +- 0.7; 4.2		15.4 +- 1.3	
36	343	15.0	23.6 +- 0.7; 3.5		18.7 +- 0.8; 4.5		16.2 +- 1.4	
37	340	15.0	19.4 +- 0.6; 2.9		14.7 +- 0.7; 4.0		14.4 +- 1.4	
38	339	16.0	24.0 +- 0.7; 3.6		19.1 +- 0.8; 4.5		16.2 +- 2.4	
39	153	1.9	24.2 +- 0.7; 3.6		19.3 +- 0.8; 4.5		18.6 +- 1.6	
40	144	2.1	27.9 +- 0.8; 4.2		22.9 +- 0.9; 5.0		16.1 +- 1.8	

Transit Dose = 4.0 +- 0.4; 3.1

SURRY

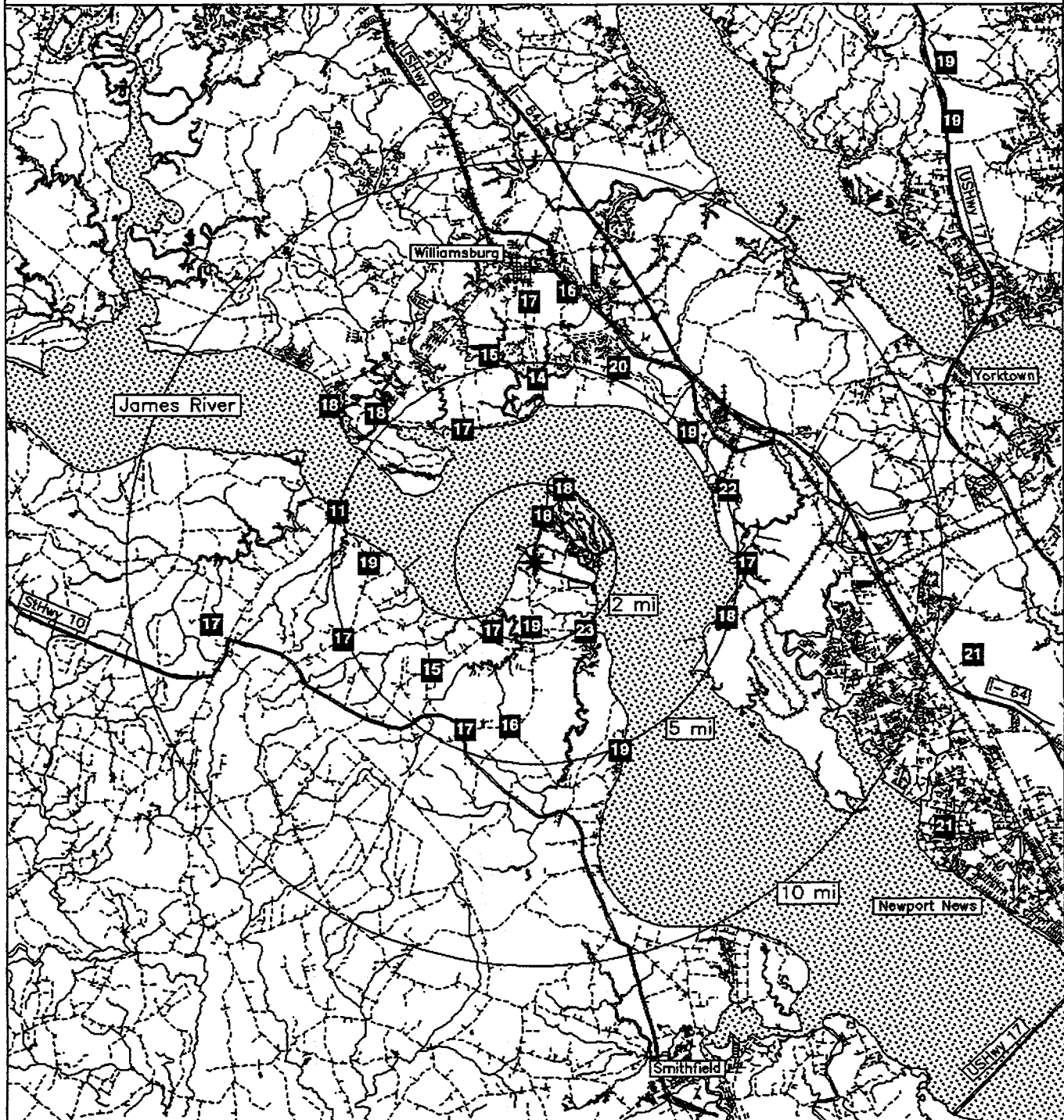
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

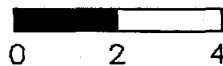
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.3 +- 1.9	4
11.26 - 33.75 NNE	18.3 +- 1.7	3
33.76 - 56.25 NE	18.7 +- 0.0	1
56.26 - 78.75 ENE	22.3 +- 0.0	1
78.76 - 101.25 E	17.4 +- 0.0	1
101.26 - 123.75 ESE	19.9 +- 1.6	3
123.76 - 146.25 SE	20.1 +- 3.9	2
146.26 - 168.75 SSE	18.2 +- 2.1	4
168.76 - 191.25 S	17.4 +- 2.2	2
191.26 - 213.75 SSW	16.7 +- 0.2	3
213.76 - 236.25 SW	15.1 +- 0.0	1
236.26 - 258.75 WSW	19.1 +- 3.5	2
258.76 - 281.25 W	19.9 +- 3.5	3
281.26 - 303.75 WNW	10.6 +- 0.0	1
303.76 - 326.25 NW	19.0 +- 1.7	3
326.26 - 348.75 NNW	18.8 +- 3.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.1 +- 2.5	9
2 - 5	16.7 +- 3.1	11
> 5	18.2 +- 2.0	17
Upwind Control	17.5 +- 2.4	3

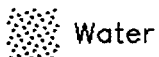
NRC TLD DOSES FOR SURRY AREA



Miles



Legend



Water

— Highways

--- Railroads

--- Roads



★ Plant..site

SUSQUEHANNA

TLD Direct Radiation Environmental Monitoring

For the period 941206-950406 122 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	19	1.4	22.1	+- 0.7; 3.3	19.1	+- 0.7; 4.3	18.7	+- 2.3
2	358	1.4	22.2	+- 0.7; 3.3	19.2	+- 0.7; 4.3	19.0	+- 1.9
3	332	1.6	20.1	+- 0.6; 3.0	17.1	+- 0.7; 4.1	17.7	+- 1.7
4	315	1.8	20.5	+- 0.6; 3.1	17.6	+- 0.7; 4.1	17.4	+- 1.9
5	287	1.7	21.2	+- 0.6; 3.2	18.3	+- 0.7; 4.2	19.0	+- 1.9
6	270	1.3	21.5	+- 0.6; 3.2	18.5	+- 0.7; 4.2	18.7	+- 1.8
7	239	1.8	21.4	+- 0.6; 3.2	18.4	+- 0.7; 4.2	17.8	+- 1.7
8	217	2.0	23.4	+- 0.7; 3.5	20.3	+- 0.7; 4.4	21.1	+- 2.0
9	201	1.5	22.7	+- 0.7; 3.4	19.7	+- 0.7; 4.4	18.8	+- 1.9
10	185	1.3	20.6	+- 0.6; 3.1	17.7	+- 0.7; 4.1	17.2	+- 1.5
11	243	5.1	22.0	+- 0.7; 3.3	19.0	+- 0.7; 4.3	18.9	+- 1.9
12	252	4.6	20.9	+- 0.6; 3.1	17.9	+- 0.7; 4.2	18.1	+- 1.6
13	274	3.4	26.3	+- 0.8; 3.9	23.2	+- 0.8; 4.8	21.0	+- 1.7
14	286	3.6	22.7	+- 0.7; 3.4	19.7	+- 0.7; 4.4	19.4	+- 1.8
15	1	3.9	25.4	+- 0.8; 3.8	22.3	+- 0.8; 4.7	20.0	+- 1.9
16	334	4.1	23.6	+- 0.7; 3.5	20.6	+- 0.8; 4.5	19.4	+- 2.0
17	312	4.4	22.7	+- 0.7; 3.4	19.7	+- 0.7; 4.4	18.6	+- 1.9
18	33	5.0	23.1	+- 0.7; 3.5	20.1	+- 0.7; 4.4	19.3	+- 1.6
19	45	9.9	23.6	+- 0.7; 3.5	20.6	+- 0.8; 4.5	19.5	+- 1.5
20	65	4.7	23.5	+- 0.7; 3.5	20.5	+- 0.8; 4.5	20.7	+- 1.8
21	43	3.3	22.9	+- 0.7; 3.4	19.8	+- 0.7; 4.4	21.4	+- 1.9
22	33	0.9	22.9	+- 0.7; 3.4	19.9	+- 0.7; 4.4	18.4	+- 2.4
23	57	1.2	21.4	+- 0.6; 3.2	18.4	+- 0.7; 4.2	17.5	+- 1.5
24	87	1.4	Damaged Dosimeter		No Net Data		19.1	+- 1.7
25	111	1.4	21.9	+- 0.7; 3.3	18.9	+- 0.7; 4.3	18.7	+- 1.9
26	137	1.5	21.8	+- 0.7; 3.3	18.8	+- 0.7; 4.3	18.8	+- 1.8
27	152	1.5	24.3	+- 0.7; 3.6	21.2	+- 0.8; 4.5	19.6	+- 1.6
28	107	3.6	24.2	+- 0.7; 3.6	21.2	+- 0.8; 4.5	21.2	+- 4.9
29	99	4.3	23.6	+- 0.7; 3.5	20.6	+- 0.8; 4.5	20.2	+- 1.8
30	138	3.6	22.9	+- 0.7; 3.4	19.9	+- 0.7; 4.4	20.3	+- 1.9
31	162	3.4	25.4	+- 0.8; 3.8	22.3	+- 0.8; 4.7	21.6	+- 2.3
32	176	3.5	25.4	+- 0.8; 3.8	22.3	+- 0.8; 4.7	20.3	+- 2.0
33	192	3.2	24.5	+- 0.7; 3.7	21.4	+- 0.8; 4.6	21.0	+- 1.9
34	231	4.4	23.2	+- 0.7; 3.5	20.2	+- 0.7; 4.4	19.4	+- 2.1
35	134	12.3	23.8	+- 0.7; 3.6	20.8	+- 0.8; 4.5	19.6	+- 2.2
36	114	13.5	24.2	+- 0.7; 3.6	21.2	+- 0.8; 4.5	21.8	+- 2.2
37	150	15.6	21.6	+- 0.6; 3.2	18.6	+- 0.7; 4.2	19.0	+- 2.0

Transit Dose = 2.6 +- 0.3; 2.9

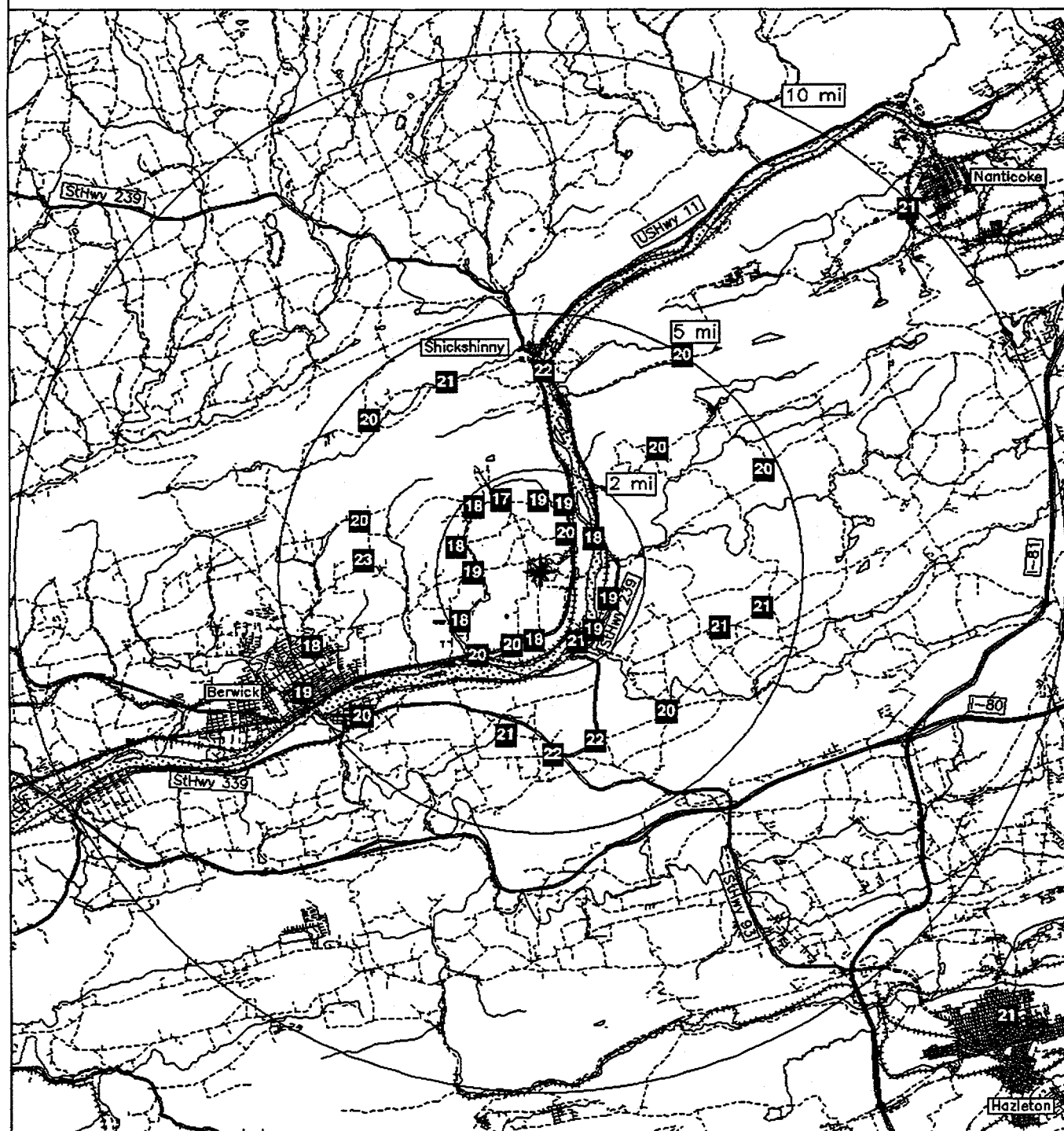
SUSQUEHANNA
For the period 941206-950406

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.7 +- 2.2	2
11.26 - 33.75 NNE	19.7 +- 0.5	3
33.76 - 56.25 NE	20.2 +- 0.5	2
56.26 - 78.75 ENE	19.4 +- 1.5	2
78.76 - 101.25 E	20.6 +- 0.0	1
101.26 - 123.75 ESE	20.0 +- 1.6	2
123.76 - 146.25 SE	19.4 +- 0.8	2
146.26 - 168.75 SSE	21.8 +- 0.8	2
168.76 - 191.25 S	20.0 +- 3.3	2
191.26 - 213.75 SSW	20.6 +- 1.2	2
213.76 - 236.25 SW	20.3 +- 0.1	2
236.26 - 258.75 WSW	18.4 +- 0.6	3
258.76 - 281.25 W	20.8 +- 3.3	2
281.26 - 303.75 WNW	19.0 +- 1.0	2
303.76 - 326.25 NW	18.6 +- 1.5	2
326.26 - 348.75 NNW	18.8 +- 2.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.9 +- 1.1	15
2 - 5	20.7 +- 1.3	16
> 5	19.8 +- 1.1	2
Upwind Control	20.2 +- 1.4	3

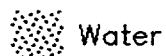
NRC TLD DOSES FOR SUSQUEHANNA AREA



Miles

0 2 4

Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

THREE MILE ISLAND

TLD Direct Radiation Environmental Monitoring

For the period 941206-950406 122 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	95 5.9	19.8 +- 0.6; 3.0	18.0 +- 0.6; 4.0	15.7 +- 2.1
2	102 3.9	22.4 +- 0.7; 3.4	20.6 +- 0.7; 4.3	17.9 +- 2.2
3	110 2.7	15.9 +- 0.5; 2.4	14.2 +- 0.5; 3.6	13.7 +- 2.7
4	162 1.8	19.3 +- 0.6; 2.9	17.5 +- 0.6; 3.9	15.3 +- 2.1
5	161 2.3	19.0 +- 0.6; 2.9	17.3 +- 0.6; 3.9	15.2 +- 1.9
6	152 1.1	19.6 +- 0.6; 2.9	17.8 +- 0.6; 4.0	15.7 +- 2.1
7	123 0.5	17.4 +- 0.5; 2.6	15.7 +- 0.6; 3.7	13.9 +- 1.8
8	87 0.4	17.9 +- 0.5; 2.7	16.2 +- 0.6; 3.8	15.7 +- 2.4
9	61 0.5	18.7 +- 0.6; 2.8	17.0 +- 0.6; 3.9	14.7 +- 1.7
10	1 1.7	18.6 +- 0.6; 2.8	16.8 +- 0.6; 3.9	14.9 +- 2.3
11	27 0.8	18.2 +- 0.5; 2.7	16.5 +- 0.6; 3.8	14.9 +- 1.8
12	48 1.0	18.0 +- 0.5; 2.7	16.3 +- 0.6; 3.8	15.3 +- 2.1
13	19 2.0	19.6 +- 0.6; 2.9	17.8 +- 0.6; 4.0	15.5 +- 2.0
14	358 2.4	17.3 +- 0.5; 2.6	15.5 +- 0.6; 3.7	14.0 +- 2.3
15	132 9.0	21.7 +- 0.7; 3.3	19.9 +- 0.7; 4.2	17.8 +- 2.3
16	0 3.0	17.8 +- 0.5; 2.7	16.0 +- 0.6; 3.8	14.1 +- 2.1
18	347 3.5	21.1 +- 0.6; 3.2	19.2 +- 0.7; 4.1	17.7 +- 2.7
19	343 3.1	20.5 +- 0.6; 3.1	18.7 +- 0.7; 4.1	16.3 +- 1.9
20	318 5.0	20.5 +- 0.6; 3.1	18.7 +- 0.7; 4.1	15.1 +- 1.9
21	348 2.7	16.4 +- 0.5; 2.5	14.7 +- 0.5; 3.6	12.2 +- 1.9
22	17 3.1	19.3 +- 0.6; 2.9	17.5 +- 0.6; 3.9	15.5 +- 2.3
23	64 3.7	17.0 +- 0.5; 2.6	15.3 +- 0.6; 3.7	12.7 +- 1.8
24	44 3.6	20.3 +- 0.6; 3.0	18.5 +- 0.7; 4.0	16.5 +- 2.2
25 *	327 0.4	23.7 +- 0.7; 3.6	21.9 +- 0.7; 4.4	12.5 +- 3.0
27	7 7.1	23.9 +- 0.7; 3.6	22.0 +- 0.7; 4.4	20.0 +- 2.2
29 *	293 0.4	30.6 +- 0.9; 4.6	28.6 +- 0.9; 5.3	15.4 +- 2.7
30 *	314 1.1	34.0 +- 1.0; 5.1	31.8 +- 1.0; 5.7	16.6 +- 2.3
31	303 8.6	16.9 +- 0.5; 2.5	15.2 +- 0.6; 3.7	13.4 +- 1.8
32	297 7.6	21.2 +- 0.6; 3.2	19.4 +- 0.7; 4.1	16.9 +- 1.9
33	302 5.8	17.4 +- 0.5; 2.6	15.6 +- 0.6; 3.7	13.3 +- 2.0
34	296 2.3	19.9 +- 0.6; 3.0	18.1 +- 0.6; 4.0	16.2 +- 1.9
35	308 1.8	20.0 +- 0.6; 3.0	18.2 +- 0.6; 4.0	16.2 +- 1.7
36	265 1.2	17.1 +- 0.5; 2.6	15.4 +- 0.6; 3.7	12.6 +- 2.1
37	256 1.4	17.2 +- 0.5; 2.6	15.4 +- 0.6; 3.7	13.5 +- 1.8
38	225 1.9	19.3 +- 0.6; 2.9	17.5 +- 0.6; 3.9	16.3 +- 1.8
39	204 2.0	16.8 +- 0.5; 2.5	15.0 +- 0.6; 3.7	12.9 +- 1.8
40	202 2.5	18.5 +- 0.6; 2.8	16.7 +- 0.6; 3.8	14.4 +- 1.7
41	184 12.6	21.1 +- 0.6; 3.2	19.3 +- 0.7; 4.1	16.2 +- 1.9
42	259 7.4	19.2 +- 0.6; 2.9	17.4 +- 0.6; 3.9	15.6 +- 2.0
43	268 6.2	19.6 +- 0.6; 2.9	17.9 +- 0.6; 4.0	16.6 +- 2.3
44	249 4.3	19.5 +- 0.6; 2.9	17.7 +- 0.6; 4.0	14.7 +- 1.9
45 *	221 0.5	28.7 +- 0.9; 4.3	26.7 +- 0.9; 5.0	13.3 +- 2.5
46	171 3.0	20.6 +- 0.6; 3.1	18.7 +- 0.7; 4.1	15.1 +- 2.3
47	177 5.7	18.7 +- 0.6; 2.8	17.0 +- 0.6; 3.9	15.0 +- 2.0
48	181 9.1	Missing Dosimeter	No Net Data	21.4 +- 2.6
49 *	199 1.0	29.5 +- 0.9; 4.4	27.5 +- 0.9; 5.1	14.7 +- 2.3
50	145 4.9	21.1 +- 0.6; 3.2	19.3 +- 0.7; 4.1	16.8 +- 2.8

Transit Dose = 1.4 +- 0.3; 2.8

* Station nos. 25, 29, 30, 45, and 49: results are shown for two quarters;
i.e., for the period 940914 - 950406 (Field Time 177 days).

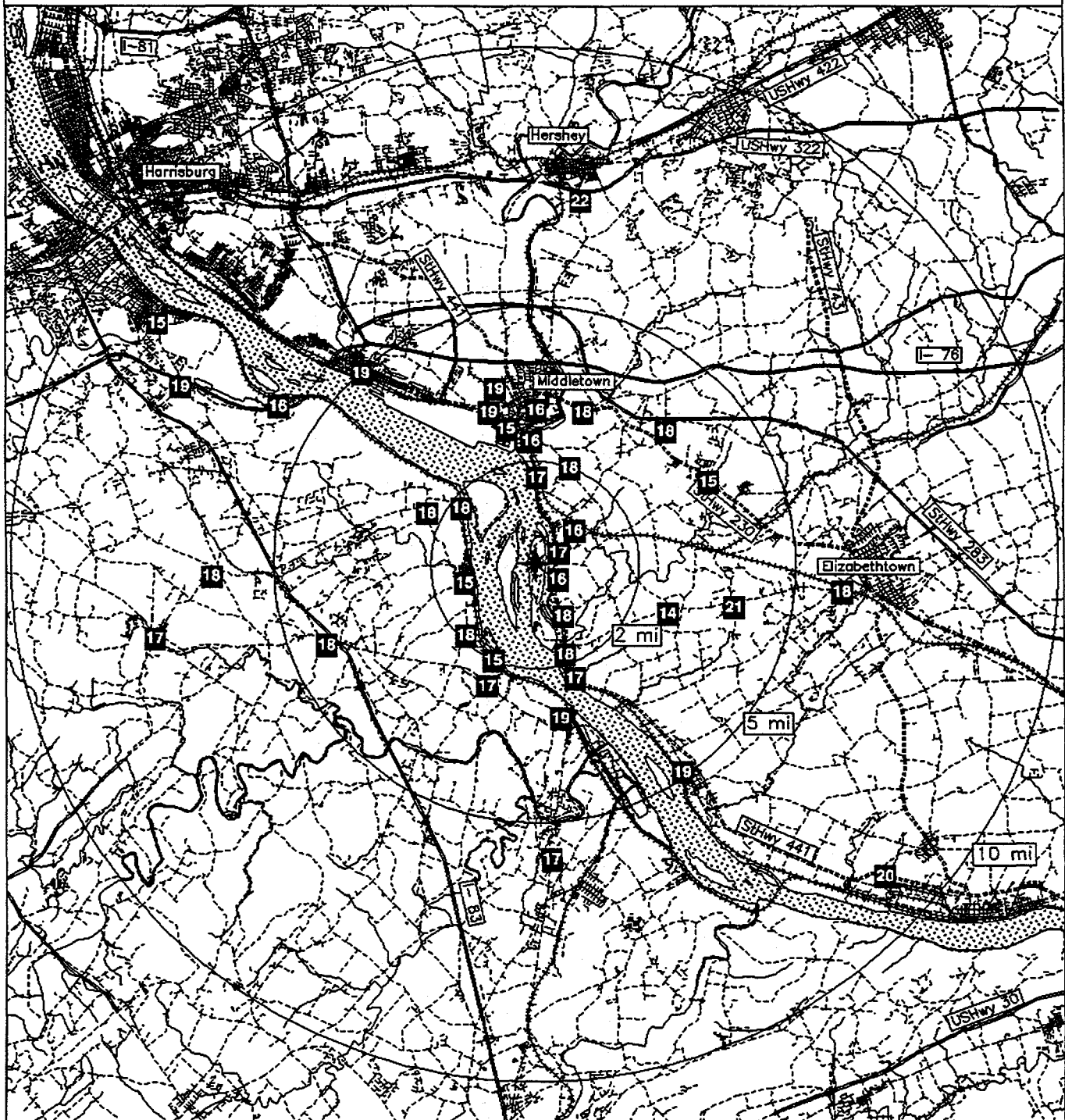
THREE MILE ISLAND
For the period 941206-950406

TLD Direct Radiation Environmental Monitoring

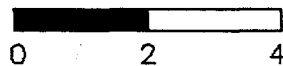
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.6 +- 3.0	4
11.26 - 33.75 NNE	17.3 +- 0.7	3
33.76 - 56.25 NE	17.4 +- 1.6	2
56.26 - 78.75 ENE	16.1 +- 1.2	2
78.76 - 101.25 E	17.1 +- 1.3	2
101.26 - 123.75 ESE	16.8 +- 3.3	3
123.76 - 146.25 SE	19.6 +- 0.4	2
146.26 - 168.75 SSE	17.5 +- 0.3	3
168.76 - 191.25 S	18.3 +- 1.2	3
191.26 - 213.75 SSW	19.7 +- 6.8	3
213.76 - 236.25 SW	22.1 +- 6.5	2
236.26 - 258.75 WSW	17.7 +- 0.0	1
258.76 - 281.25 W	17.6 +- 0.3	2
281.26 - 303.75 WNW	19.4 +- 5.4	5
303.76 - 326.25 NW	25.3 +- 9.3	2
326.26 - 348.75 NNW	18.6 +- 3.0	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.0 +- 5.4	16
2 - 5	17.5 +- 1.8	17
> 5	18.2 +- 2.1	10
Upwind Control	16.3 +- 1.6	3

NRC TLD DOSES FOR THREE MILE ISLAND AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant..site

TROJAN

TLD Direct Radiation Environmental Monitoring

For the period 941203-950410 129 Days

Field Time: 91 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	340	0.6	18.4 +- 0.6; 2.8		13.5 +- 0.7; 4.1		12.3 +- 1.1	
2	334	1.5	19.9 +- 0.6; 3.0		14.9 +- 0.7; 4.2		14.7 +- 0.9	
3	340	1.7	16.8 +- 0.5; 2.5		11.9 +- 0.6; 3.9		11.8 +- 0.8	
4	328	3.9	Missing Dosimeter		No Net Data		12.7 +- 1.0	
5	308	4.6	Missing Dosimeter		No Net Data		14.5 +- 1.2	
6	312	4.5	21.2 +- 0.6; 3.2		16.2 +- 0.7; 4.3		15.1 +- 1.7	
7	267	4.6	20.6 +- 0.6; 3.1		15.7 +- 0.7; 4.3		14.7 +- 0.9	
8	274	3.8	20.4 +- 0.6; 3.1		15.4 +- 0.7; 4.3		15.4 +- 1.1	
9	279	1.7	21.3 +- 0.6; 3.2		16.3 +- 0.7; 4.4		14.6 +- 1.2	
10	263	2.0	21.7 +- 0.7; 3.3		16.8 +- 0.7; 4.4		15.2 +- 0.8	
11	245	1.6	21.8 +- 0.7; 3.3		16.9 +- 0.7; 4.4		16.2 +- 1.6	
12	223	1.2	22.2 +- 0.7; 3.3		17.2 +- 0.8; 4.5		16.6 +- 1.4	
13	196	1.1	20.7 +- 0.6; 3.1		15.8 +- 0.7; 4.3		15.3 +- 1.0	
14	180	1.2	20.2 +- 0.6; 3.0		15.2 +- 0.7; 4.2		14.4 +- 1.0	
15	165	1.7	18.8 +- 0.6; 2.8		13.8 +- 0.7; 4.1		13.3 +- 1.4	
16	212	3.9	21.9 +- 0.7; 3.3		16.9 +- 0.7; 4.4		16.1 +- 2.1	
17	230	3.5	21.8 +- 0.7; 3.3		16.8 +- 0.7; 4.4		15.8 +- 1.3	
18	162	9.3	22.3 +- 0.7; 3.4		17.4 +- 0.8; 4.5		15.8 +- 1.2	
19	172	5.0	21.4 +- 0.6; 3.2		16.4 +- 0.7; 4.4		16.0 +- 1.5	
20	334	5.8	19.5 +- 0.6; 2.9		14.6 +- 0.7; 4.2		13.0 +- 1.2	
21	345	5.5	18.4 +- 0.6; 2.8		13.4 +- 0.7; 4.1		13.5 +- 1.2	
22	356	5.5	17.0 +- 0.5; 2.5		12.1 +- 0.6; 3.9		12.4 +- 1.3	
23	8	3.9	16.9 +- 0.5; 2.5		12.0 +- 0.6; 3.9		12.1 +- 1.3	
24	15	3.7	18.9 +- 0.6; 2.8		14.0 +- 0.7; 4.1		13.3 +- 1.2	
25	27	1.9	17.6 +- 0.5; 2.6		12.7 +- 0.6; 4.0		12.2 +- 1.2	
26	37	2.1	20.9 +- 0.6; 3.1		16.0 +- 0.7; 4.3		14.9 +- 1.4	
27	60	2.9	21.0 +- 0.6; 3.1		16.0 +- 0.7; 4.3		15.1 +- 1.2	
28	55	4.5	19.8 +- 0.6; 3.0		14.8 +- 0.7; 4.2		13.7 +- 1.6	
29	69	1.6	16.3 +- 0.5; 2.4		11.3 +- 0.6; 3.9		12.9 +- 2.0	
30	83	3.9	18.9 +- 0.6; 2.8		14.0 +- 0.7; 4.1		12.7 +- 1.2	
31	93	2.7	21.6 +- 0.6; 3.2		16.6 +- 0.7; 4.4		15.5 +- 1.3	
32	119	2.2	21.2 +- 0.6; 3.2		16.2 +- 0.7; 4.3		15.5 +- 1.3	
33	106	5.3	22.6 +- 0.7; 3.4		17.6 +- 0.8; 4.5		14.8 +- 2.7	
34	134	2.5	17.9 +- 0.5; 2.7		13.0 +- 0.6; 4.0		12.5 +- 1.3	
35	145	4.7	19.2 +- 0.6; 2.9		14.2 +- 0.7; 4.1		13.1 +- 1.2	
36	270	17.0	21.2 +- 0.6; 3.2		16.3 +- 0.7; 4.4		15.4 +- 2.2	
37	270	17.0	23.2 +- 0.7; 3.5		18.2 +- 0.8; 4.6		16.5 +- 2.2	
38	270	17.0	21.6 +- 0.6; 3.2		16.6 +- 0.7; 4.4		16.4 +- 1.4	

Transit Dose = 4.8 +- 0.4; 3.0

TROJAN

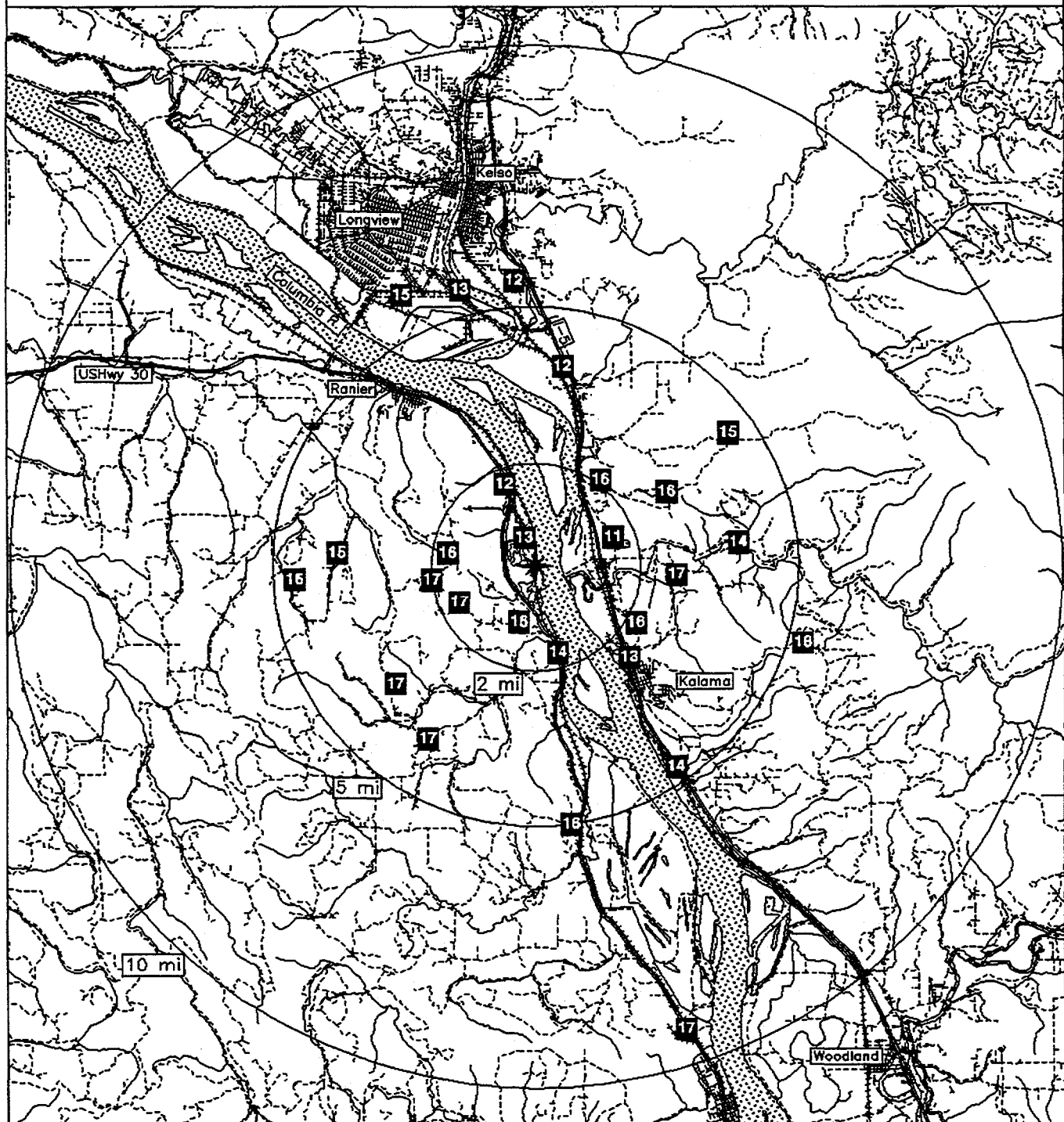
For the period 941203-950410

TLD Direct Radiation Environmental Monitoring

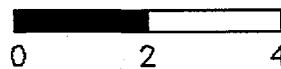
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.0 +- 0.0	2
11.26 - 33.75 NNE	13.3 +- 0.9	2
33.76 - 56.25 NE	15.4 +- 0.8	2
56.26 - 78.75 ENE	13.7 +- 3.3	2
78.76 - 101.25 E	15.3 +- 1.9	2
101.26 - 123.75 ESE	16.9 +- 1.0	2
123.76 - 146.25 SE	13.6 +- 0.9	2
146.26 - 168.75 SSE	15.6 +- 2.5	2
168.76 - 191.25 S	15.8 +- 0.8	2
191.26 - 213.75 SSW	16.3 +- 0.8	2
213.76 - 236.25 SW	17.0 +- 0.3	2
236.26 - 258.75 WSW	16.9 +- 0.0	1
258.76 - 281.25 W	16.0 +- 0.6	4
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	16.2 +- 0.0	1
326.26 - 348.75 NNW	13.6 +- 1.2	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.7 +- 2.0	12
2 - 5	15.3 +- 1.5	16
> 5	15.0 +- 2.4	5
Upwind Control	17.0 +- 1.0	3

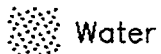
NRC TLD DOSES FOR TROJAN AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

TURKEY POINT

TLD Direct Radiation Environmental Monitoring

For the period 941205-950502 149 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	310	1.3	15.2 +- 0.5; 2.3	11.3 +- 0.6; 3.7	11.5 +- 2.6
2	292	2.4	Missing Dosimeter	No Net Data	11.6 +- 2.4
3	340	1.9	16.1 +- 0.5; 2.4	12.2 +- 0.6; 3.7	11.9 +- 2.5
4	354	2.0	15.5 +- 0.5; 2.3	11.7 +- 0.6; 3.7	12.4 +- 3.1
5	314	3.8	15.1 +- 0.5; 2.3	11.2 +- 0.6; 3.6	11.6 +- 2.4
6	331	4.2	Missing Dosimeter	No Net Data	10.9 +- 2.0
7	291	5.4	Missing Dosimeter	No Net Data	11.8 +- 2.8
8	263	5.1	14.3 +- 0.4; 2.1	10.5 +- 0.5; 3.6	10.9 +- 2.1
9	242	5.7	17.0 +- 0.5; 2.5	13.1 +- 0.6; 3.8	11.6 +- 2.7
10	234	6.2	Missing Dosimeter	No Net Data	12.0 +- 2.1
11	220	6.2	16.2 +- 0.5; 2.4	12.3 +- 0.6; 3.7	11.5 +- 2.7
12	213	6.9	15.1 +- 0.5; 2.3	11.2 +- 0.6; 3.6	11.3 +- 2.4
13	199	10.0	16.7 +- 0.5; 2.5	12.8 +- 0.6; 3.8	11.9 +- 2.5
14	90	10.0	16.3 +- 0.5; 2.5	12.5 +- 0.6; 3.8	11.2 +- 2.8
15	180	10.0	16.8 +- 0.5; 2.5	12.9 +- 0.6; 3.8	13.4 +- 2.6
16	171	10.0	18.0 +- 0.5; 2.7	14.1 +- 0.6; 3.9	13.3 +- 2.5
17	165	9.0	16.5 +- 0.5; 2.5	12.6 +- 0.6; 3.8	12.9 +- 2.5
18	203	16.0	17.4 +- 0.5; 2.6	13.5 +- 0.6; 3.9	12.3 +- 2.1
19	203	16.0	15.1 +- 0.5; 2.3	11.3 +- 0.6; 3.7	12.2 +- 2.6
20	203	16.0	18.4 +- 0.6; 2.8	14.5 +- 0.6; 4.0	13.5 +- 2.2
21	268	8.7	15.5 +- 0.5; 2.3	11.6 +- 0.6; 3.7	10.6 +- 2.5
22	256	8.0	Missing Dosimeter	No Net Data	12.1 +- 2.4
23	275	9.0	15.6 +- 0.5; 2.3	11.7 +- 0.6; 3.7	11.5 +- 2.6
24	285	9.0	18.1 +- 0.5; 2.7	14.2 +- 0.6; 3.9	13.6 +- 2.7
25	293	8.7	19.3 +- 0.6; 2.9	15.3 +- 0.7; 4.0	14.2 +- 2.5
26	301	8.4	18.5 +- 0.6; 2.8	14.5 +- 0.6; 4.0	13.5 +- 2.4
27	311	8.3	16.4 +- 0.5; 2.5	12.5 +- 0.6; 3.8	11.9 +- 2.3
28	327	8.2	18.4 +- 0.6; 2.8	14.5 +- 0.6; 4.0	13.7 +- 2.4
29	339	9.3	Missing Dosimeter	No Net Data	13.0 +- 2.5
30	350	8.7	17.6 +- 0.5; 2.6	13.6 +- 0.6; 3.9	12.5 +- 2.6
31	359	9.9	Damaged Dosimeter	No Net Data	12.5 +- 1.8
32	2	18.0	Missing Dosimeter	No Net Data	12.7 +- 2.0
33	2	22.0	Missing Dosimeter	No Net Data	12.9 +- 2.1
34	18	24.0	Missing Dosimeter	No Net Data	13.0 +- 2.6
35	28	22.0	Missing Dosimeter	No Net Data	12.5 +- 3.0
36	15	0.3	16.1 +- 0.5; 2.4	12.2 +- 0.6; 3.7	11.2 +- 2.3
37	228	0.5	17.5 +- 0.5; 2.6	13.6 +- 0.6; 3.9	13.0 +- 2.4

Transit Dose = 3.6 +- 0.3; 3.0

Note: According to the contractor who performs the exchange of dosimeters at this site, the large number of missing dosimeters for the first quarter of 1995 was due to vandalism.

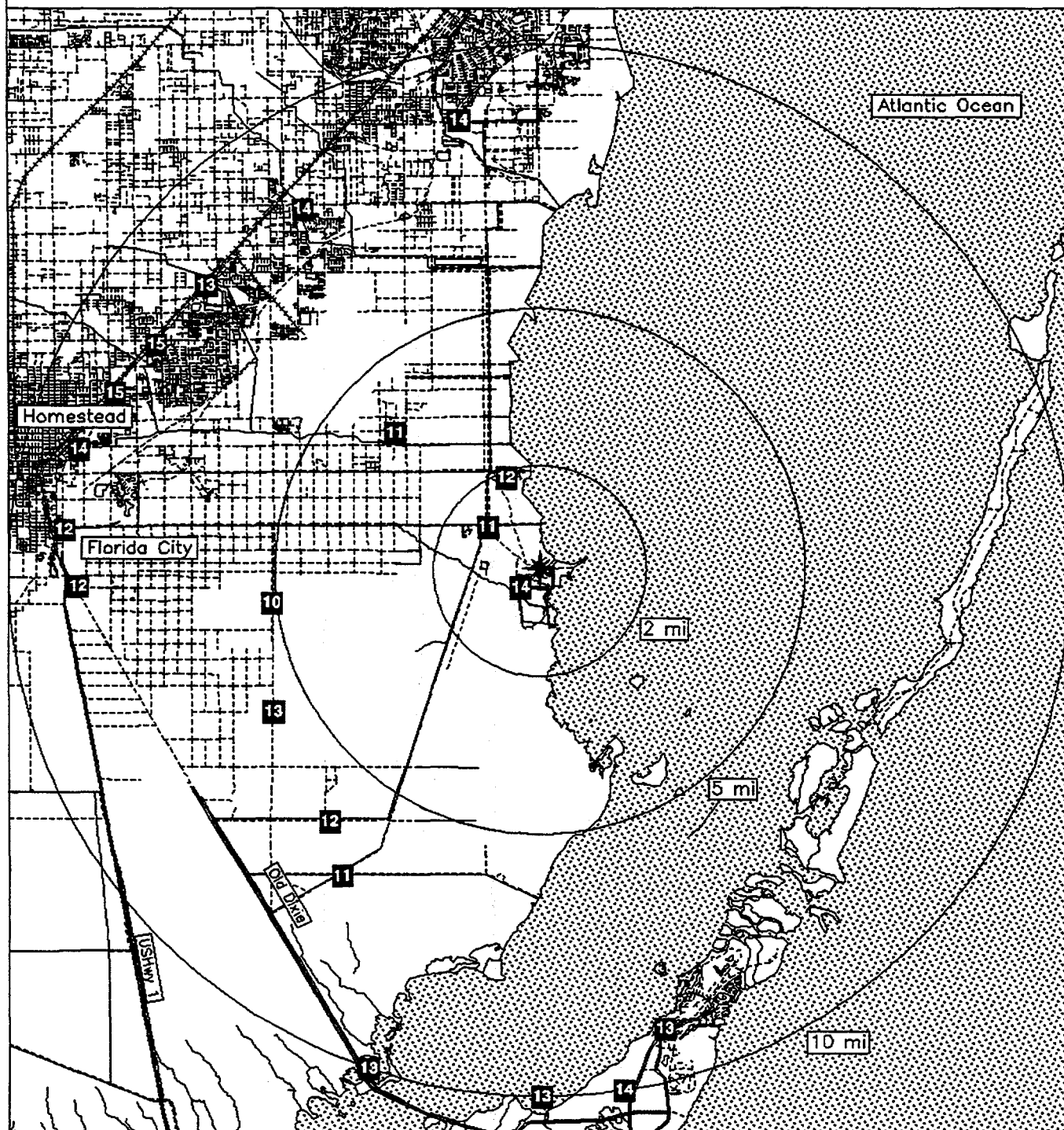
TURKEY POINT
For the period 941205-950502

TLD Direct Radiation Environmental Monitoring

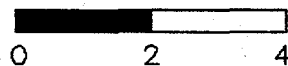
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.6 +- 1.4	2
11.26 - 33.75 NNE	12.2 +- 0.0	1
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	12.5 +- 0.0	1
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	12.6 +- 0.0	1
168.76 - 191.25 S	13.5 +- 0.8	2
191.26 - 213.75 SSW	12.0 +- 1.1	2
213.76 - 236.25 SW	12.9 +- 0.9	2
236.26 - 258.75 WSW	13.1 +- 0.0	1
258.76 - 281.25 W	11.3 +- 0.7	3
281.26 - 303.75 WNW	14.7 +- 0.6	3
303.76 - 326.25 NW	11.7 +- 0.7	3
326.26 - 348.75 NNW	13.3 +- 1.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.2 +- 0.9	5
2 - 5	11.2 +- 0.0	1
> 5	12.9 +- 1.3	17
Upwind Control	13.1 +- 1.6	3

NRC TLD DOSES FOR TURKEY POINT AREA



Miles



Legend



Water



Highways



Railroads



Roads



Plant site

VERMONT YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 941206-950419 135 Days

Field Time: 99 Days

NRC Sta	Location		Gross			Net Exposure Rate			Hist. Range	
	Azimuth/Dist	(Deg)/(Mi)	Exposure (mR)			(mR/Std. Qtr.)			Net Exp Rate	
			+-Rdm; Tot.			+-Rdm; Tot.			+-1 Std Dev	
1	142	1.0	21.0	+-	0.6; 3.2	16.7	+-	0.6; 4.0	15.6	+- 2.1
2	158	1.0	21.8	+-	0.7; 3.3	17.5	+-	0.7; 4.1	16.8	+- 1.4
3	184	1.3	20.5	+-	0.6; 3.1	16.2	+-	0.6; 4.0	16.1	+- 1.6
4	201	1.4	21.7	+-	0.6; 3.2	17.3	+-	0.7; 4.1	16.6	+- 1.8
5	220	1.6	21.5	+-	0.6; 3.2	17.1	+-	0.7; 4.1	16.7	+- 1.8
6	157	3.4	21.1	+-	0.6; 3.2	16.9	+-	0.6; 4.0	16.7	+- 2.4
7	189	4.9	22.4	+-	0.7; 3.4	18.0	+-	0.7; 4.1	16.3	+- 1.5
8	201	13.0	20.4	+-	0.6; 3.1	16.2	+-	0.6; 3.9	16.1	+- 1.3
9	208	5.8	21.5	+-	0.6; 3.2	17.2	+-	0.7; 4.1	16.1	+- 1.6
10	232	3.7	23.7	+-	0.7; 3.5	19.1	+-	0.7; 4.3	18.5	+- 1.8
11	277	2.9	23.0	+-	0.7; 3.5	18.6	+-	0.7; 4.2	17.3	+- 1.9
12	292	1.4	22.2	+-	0.7; 3.3	17.8	+-	0.7; 4.1	17.0	+- 1.9
13	314	1.4	21.4	+-	0.6; 3.2	17.1	+-	0.7; 4.0	16.3	+- 1.7
14	310	4.2	21.9	+-	0.7; 3.3	17.6	+-	0.7; 4.1	16.2	+- 1.3
15	299	4.3	21.1	+-	0.6; 3.2	16.8	+-	0.6; 4.0	16.2	+- 1.3
16	270	4.5	19.7	+-	0.6; 3.0	15.5	+-	0.6; 3.9	14.5	+- 1.6
17	331	5.0	23.3	+-	0.7; 3.5	18.9	+-	0.7; 4.2	17.0	+- 1.3
18	290	19.0	24.3	+-	0.7; 3.6	19.7	+-	0.7; 4.3	18.5	+- 1.8
19	290	19.0	23.2	+-	0.7; 3.5	18.7	+-	0.7; 4.2	17.9	+- 1.9
20	290	19.0	21.3	+-	0.6; 3.2	17.0	+-	0.7; 4.0	18.1	+- 1.9
21	359	3.2	22.5	+-	0.7; 3.4	18.1	+-	0.7; 4.2	16.7	+- 1.8
23	334	2.2	21.4	+-	0.6; 3.2	17.1	+-	0.7; 4.0	16.0	+- 1.7
24	4	0.9	21.3	+-	0.6; 3.2	17.0	+-	0.6; 4.0	17.0	+- 1.7
25	30	1.0	21.1	+-	0.6; 3.2	16.8	+-	0.6; 4.0	15.7	+- 1.5
26	72	1.5	23.3	+-	0.7; 3.5	18.8	+-	0.7; 4.2	17.2	+- 1.6
27	44	0.7	21.2	+-	0.6; 3.2	16.9	+-	0.6; 4.0	16.4	+- 1.5
28	39	2.8	21.9	+-	0.7; 3.3	17.6	+-	0.7; 4.1	17.8	+- 2.2
29	25	3.8	25.8	+-	0.8; 3.9	21.1	+-	0.8; 4.5	19.3	+- 1.8
30	72	2.7	24.2	+-	0.7; 3.6	19.6	+-	0.7; 4.3	18.7	+- 2.2
31	85	2.0	22.4	+-	0.7; 3.4	18.0	+-	0.7; 4.1	16.8	+- 1.6
32	111	1.8	22.9	+-	0.7; 3.4	18.4	+-	0.7; 4.2	16.5	+- 1.5
33	134	4.0	21.2	+-	0.6; 3.2	16.9	+-	0.6; 4.0	16.3	+- 1.3
34	151	6.0	21.3	+-	0.6; 3.2	17.0	+-	0.7; 4.0	14.6	+- 1.4
35	111	4.3	24.1	+-	0.7; 3.6	19.5	+-	0.7; 4.3	18.6	+- 1.7
36	92	4.7	24.2	+-	0.7; 3.6	19.6	+-	0.7; 4.3	19.0	+- 1.7
37	50	15.0	Damaged Dosimeter			No Net Data			20.8	+- 1.4
39	222	0.3	23.2	+-	0.7; 3.5	18.7	+-	0.7; 4.2	18.0	+- 1.4
40	250	3.0	21.9	+-	0.7; 3.3	17.5	+-	0.7; 4.1	16.9	+- 1.6

Transit Dose = 2.6 +- 0.3; 3.1

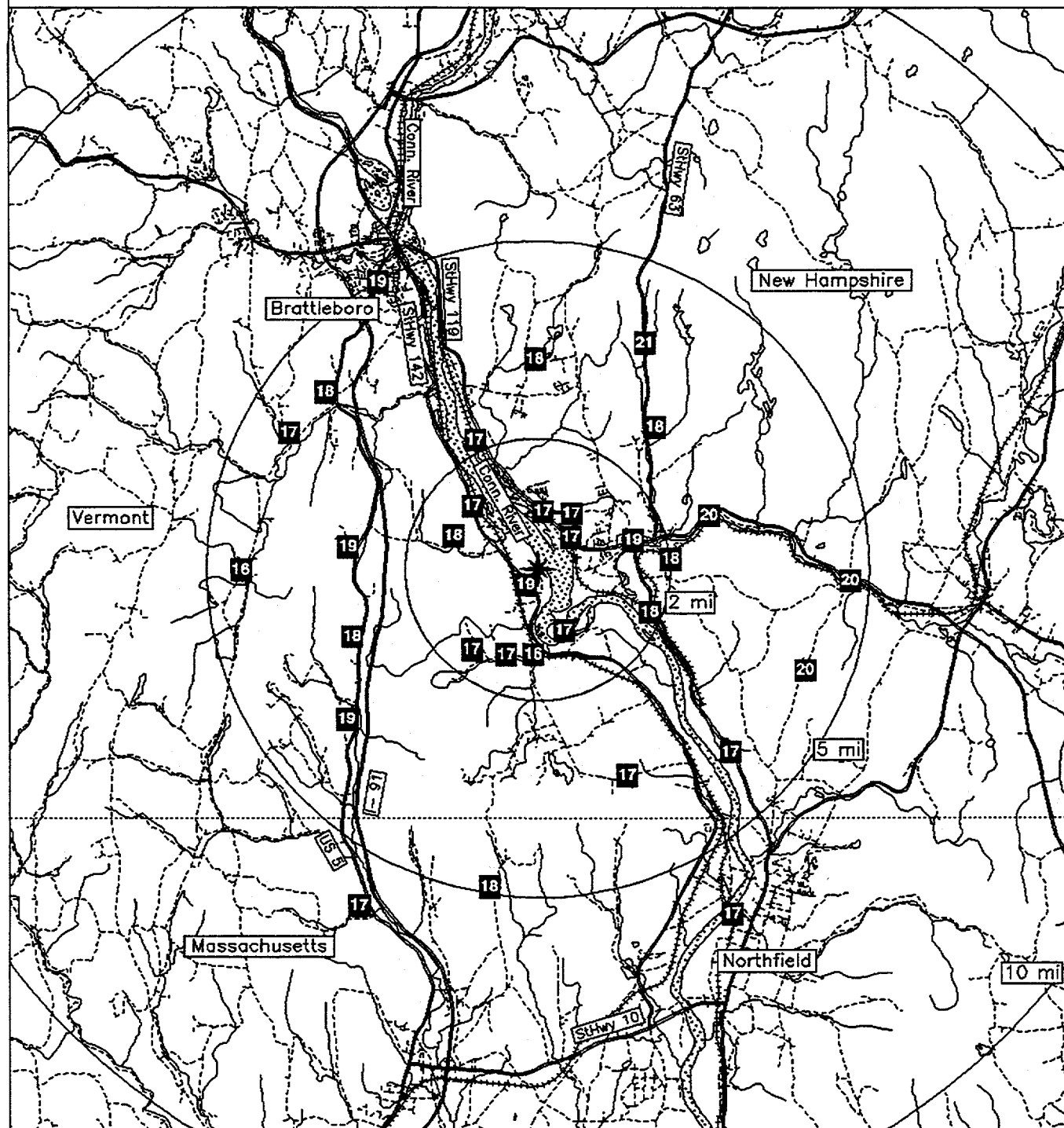
VERMONT YANKEE
For the period 941206-950419

TLD Direct Radiation Environmental Monitoring

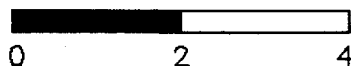
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.5 +- 0.8	2
348.76 - 11.25 N	17.3 +- 0.7	3
11.26 - 33.75 NNE	18.9 +- 3.0	2
33.76 - 56.25 NE	17.2 +- 0.5	2
56.26 - 78.75 ENE	19.2 +- 0.6	2
78.76 - 101.25 E	18.8 +- 1.2	2
101.26 - 123.75 ESE	19.0 +- 0.8	2
123.76 - 146.25 SE	16.8 +- 0.1	2
146.26 - 168.75 SSE	17.1 +- 0.3	3
168.76 - 191.25 S	17.1 +- 1.2	2
191.26 - 213.75 SSW	16.9 +- 0.6	3
213.76 - 236.25 SW	18.3 +- 1.0	3
236.26 - 258.75 WSW	17.5 +- 0.0	1
258.76 - 281.25 W	17.0 +- 2.1	2
281.26 - 303.75 WNW	17.3 +- 0.7	2
303.76 - 326.25 NW	17.3 +- 0.4	2
326.26 - 348.75 NNW	18.0 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.4 +- 0.8	14
2 - 5	18.1 +- 1.4	17
> 5	16.8 +- 0.6	3
Upwind Control	18.5 +- 1.4	3

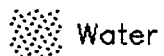
NRC TLD DOSES FOR VERMONT YANKEE AREA



Miles



Legend



Water

Highways

Railroads

Roads



Plant..site

VOGTLE (GA)

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 83 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	298 1.6	18.9 +- 0.6; 2.8	15.6 +- 0.7; 4.3	14.2 +- 1.8
2	309 1.6	18.0 +- 0.5; 2.7	14.6 +- 0.7; 4.2	14.1 +- 1.9
3	336 1.4	19.4 +- 0.6; 2.9	16.1 +- 0.7; 4.4	14.1 +- 2.6
4	270 1.3	18.1 +- 0.5; 2.7	14.7 +- 0.7; 4.2	13.9 +- 2.1
5	247 1.2	18.9 +- 0.6; 2.8	15.6 +- 0.7; 4.3	14.8 +- 1.9
6	215 1.2	22.1 +- 0.7; 3.3	19.0 +- 0.8; 4.7	17.9 +- 2.0
7	205 1.2	19.7 +- 0.6; 3.0	16.5 +- 0.7; 4.4	17.2 +- 1.8
8	180 1.1	19.7 +- 0.6; 3.0	16.5 +- 0.7; 4.4	17.1 +- 1.8
9	153 1.2	20.9 +- 0.6; 3.1	17.8 +- 0.8; 4.5	15.7 +- 2.1
10	134 3.2	21.1 +- 0.6; 3.2	18.0 +- 0.8; 4.6	17.0 +- 1.8
11	103 1.1	16.7 +- 0.5; 2.5	13.2 +- 0.7; 4.1	12.6 +- 2.9
12	134 3.3	18.7 +- 0.6; 2.8	15.4 +- 0.7; 4.3	14.7 +- 1.9
13	123 4.2	19.1 +- 0.6; 2.9	15.8 +- 0.7; 4.3	15.1 +- 1.8
14	141 4.6	20.6 +- 0.6; 3.1	17.4 +- 0.8; 4.5	14.2 +- 3.5
15	153 5.3	17.7 +- 0.5; 2.7	14.3 +- 0.7; 4.2	13.1 +- 1.9
16	162 6.3	19.5 +- 0.6; 2.9	16.2 +- 0.7; 4.4	15.2 +- 2.1
17	157 7.3	19.6 +- 0.6; 2.9	16.4 +- 0.7; 4.4	17.5 +- 2.8
18	191 4.8	18.8 +- 0.6; 2.8	15.5 +- 0.7; 4.3	13.5 +- 1.8
19	208 4.7	17.9 +- 0.5; 2.7	14.4 +- 0.7; 4.2	13.0 +- 2.1
20	232 4.9	17.9 +- 0.5; 2.7	14.5 +- 0.7; 4.2	13.5 +- 2.1
21	250 5.6	20.4 +- 0.6; 3.1	17.2 +- 0.8; 4.5	14.5 +- 2.0
22	264 4.3	19.3 +- 0.6; 2.9	16.0 +- 0.7; 4.4	14.1 +- 2.1
23	301 4.2	17.6 +- 0.5; 2.6	14.1 +- 0.7; 4.2	14.5 +- 2.1
24	308 4.6	19.2 +- 0.6; 2.9	15.9 +- 0.7; 4.3	14.4 +- 2.7
25	329 6.7	17.6 +- 0.5; 2.6	14.1 +- 0.7; 4.2	16.0 +- 3.0
26	258 15.0	21.6 +- 0.6; 3.2	18.5 +- 0.8; 4.6	17.3 +- 2.1
27	300 13.0	19.3 +- 0.6; 2.9	16.0 +- 0.7; 4.4	17.1 +- 1.7
28	330 30.0	17.4 +- 0.5; 2.6	14.0 +- 0.7; 4.1	14.2 +- 2.0

Transit Dose = 4.5 +- 0.3; 2.8

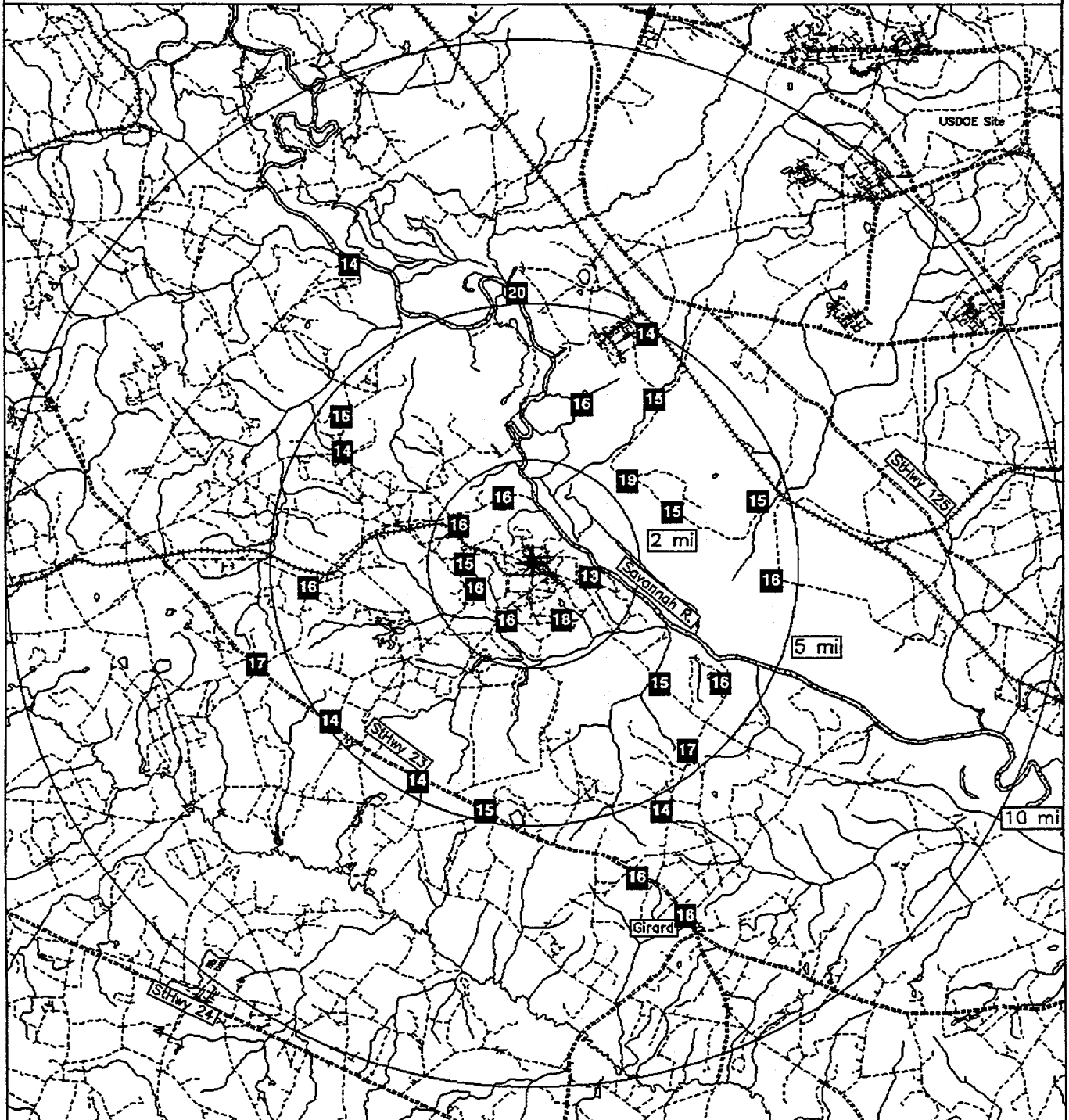
VOGTLE (GA)
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

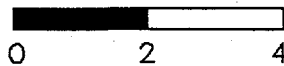
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	14.5 +- 1.9	2
123.76 - 146.25 SE	16.9 +- 1.4	3
146.26 - 168.75 SSE	16.1 +- 1.4	4
168.76 - 191.25 S	16.0 +- 0.7	2
191.26 - 213.75 SSW	15.4 +- 1.4	2
213.76 - 236.25 SW	16.7 +- 3.2	2
236.26 - 258.75 WSW	16.4 +- 1.2	2
258.76 - 281.25 W	15.3 +- 0.9	2
281.26 - 303.75 WNW	14.8 +- 1.0	2
303.76 - 326.25 NW	15.2 +- 0.9	2
326.26 - 348.75 NNW	15.1 +- 1.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.9 +- 1.7	10
2 - 5	15.7 +- 1.2	10
> 5	15.6 +- 1.4	5
Upwind Control	16.2 +- 2.3	3

NRC TLD DOSES FOR VOGTLE AREA



Miles



Legend



Water



Railroads



Roads



Plant..site

VOGTLE (SC)

TLD Direct Radiation Environmental Monitoring

For the period 941205-950420 137 Days

Field Time: 83 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
31	357 5.2	29.7 +- 0.9; 4.5	No Net Data	17.5 +- 3.7
32	26 4.9	21.8 +- 0.7; 3.3	No Net Data	12.4 +- 2.7
33	17 3.2	24.4 +- 0.7; 3.7	No Net Data	12.7 +- 2.4
34	36 3.9	22.5 +- 0.7; 3.4	No Net Data	13.9 +- 2.3
35	48 2.4	28.4 +- 0.9; 4.3	No Net Data	18.6 +- 2.8
36	69 2.8	23.0 +- 0.7; 3.4	No Net Data	14.5 +- 2.7
37	74 4.4	23.3 +- 0.7; 3.5	No Net Data	14.1 +- 4.1
38	94 4.5	24.2 +- 0.7; 3.6	No Net Data	13.7 +- 2.7

No Transit Dose Calculated. (Transit Control Is Missing.)

VOGTLE (SC)

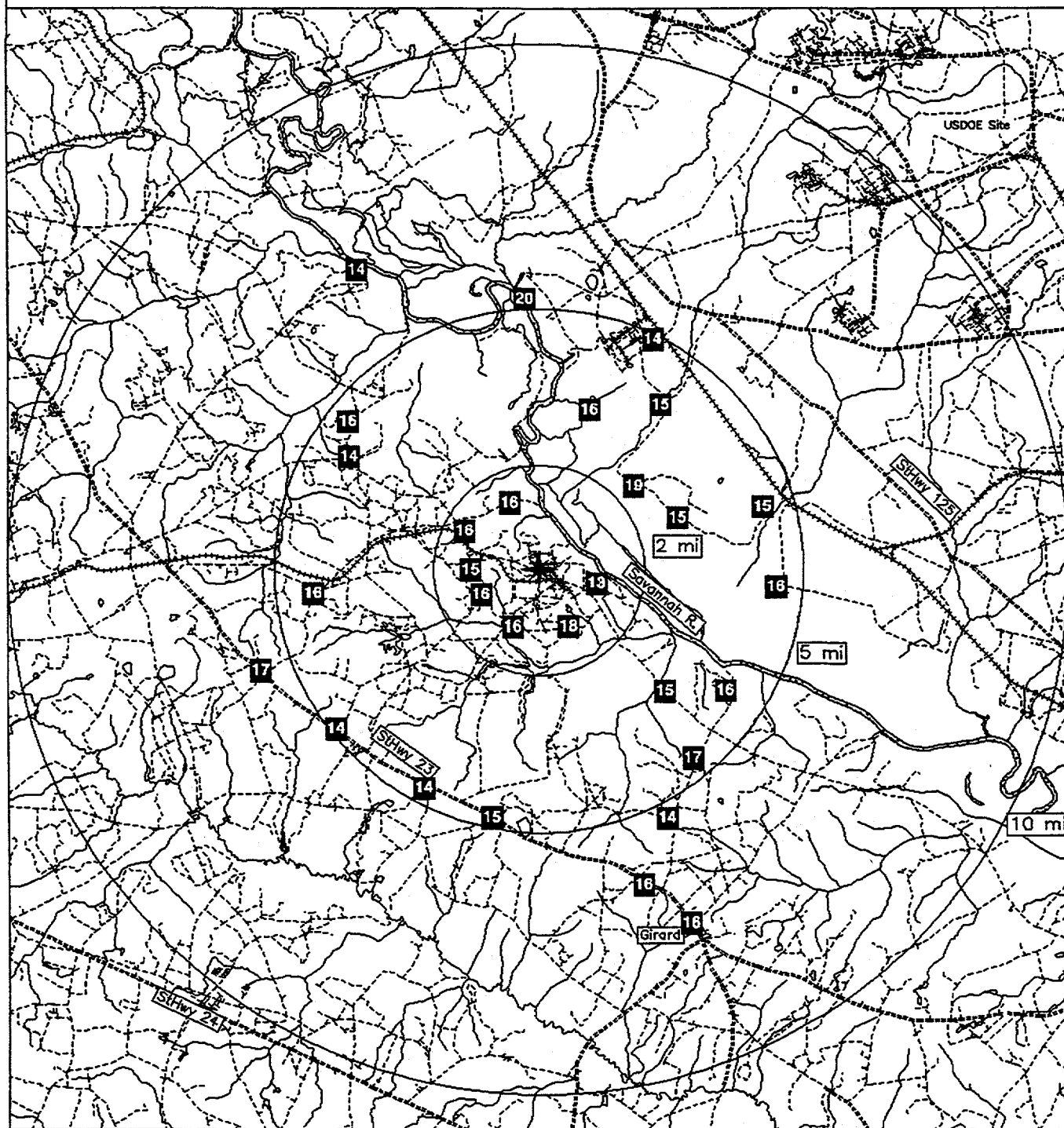
For the period 941205-950420

TLD Direct Radiation Environmental Monitoring

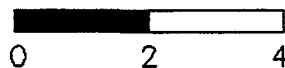
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.5 +- 0.0	1
11.26 - 33.75 NNE	15.2 +- 1.2	2
33.76 - 56.25 NE	16.7 +- 2.7	2
56.26 - 78.75 ENE	15.2 +- 0.2	2
78.76 - 101.25 E	15.9 +- 0.0	1
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	15.7 +- 1.4	7
> 5	19.5 +- 0.0	1
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR VOGTLE AREA



Miles



Legend



Water



Railroads



Roads



Plant..site

WASHINGTON NUCLEAR 2

TLD Direct Radiation Environmental Monitoring

For the period 941203-950410 129 Days

Field Time: 96 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	174	12.0	22.8 +- 0.7; 3.4		19.1 +- 0.7; 4.2		17.9 +- 1.0	
2	163	11.0	22.4 +- 0.7; 3.4		18.8 +- 0.7; 4.2		17.6 +- 1.1	
3	161	9.0	21.4 +- 0.6; 3.2		17.8 +- 0.7; 4.1		17.3 +- 1.0	
4	152	5.0	24.7 +- 0.7; 3.7		20.9 +- 0.8; 4.5		18.8 +- 1.0	
5	195	2.0	22.6 +- 0.7; 3.4		18.9 +- 0.7; 4.2		17.9 +- 1.0	
6	220	1.5	24.6 +- 0.7; 3.7		20.8 +- 0.7; 4.4		18.1 +- 1.5	
7	92	3.0	25.2 +- 0.8; 3.8		21.3 +- 0.8; 4.5		19.2 +- 1.3	
8	155	1.0	21.7 +- 0.6; 3.2		18.0 +- 0.7; 4.1		17.2 +- 1.4	
9	130	0.5	23.8 +- 0.7; 3.6		20.0 +- 0.7; 4.4		18.2 +- 1.2	
10	70	0.5	24.6 +- 0.7; 3.7		20.8 +- 0.8; 4.4		18.5 +- 1.5	
11	25	0.8	23.4 +- 0.7; 3.5		19.6 +- 0.7; 4.3		18.4 +- 1.1	
12	315	0.5	24.0 +- 0.7; 3.6		20.3 +- 0.7; 4.4		18.7 +- 1.4	
13	290	0.5	31.5 +- 0.9; 4.7		27.3 +- 0.9; 5.2		22.5 +- 3.2	
14	270	0.5	25.1 +- 0.8; 3.8		21.3 +- 0.8; 4.5		18.4 +- 1.3	
15	245	1.8	24.2 +- 0.7; 3.6		20.4 +- 0.7; 4.4		18.6 +- 1.1	
16	285	3.0	24.4 +- 0.7; 3.7		20.6 +- 0.7; 4.4		19.1 +- 1.3	
17	240	4.0	22.1 +- 0.7; 3.3		18.4 +- 0.7; 4.2		17.4 +- 1.3	
18	198	7.0	22.2 +- 0.7; 3.3		18.6 +- 0.7; 4.2		17.1 +- 1.5	
19	173	8.5	23.0 +- 0.7; 3.5		19.3 +- 0.7; 4.3		18.3 +- 1.1	
20	150	20.0	22.8 +- 0.7; 3.4		19.1 +- 0.7; 4.3		18.4 +- 1.0	
21	114	7.0	21.9 +- 0.7; 3.3		18.3 +- 0.7; 4.2		18.7 +- 1.5	
22	120	8.0	23.4 +- 0.7; 3.5		19.7 +- 0.7; 4.3		17.9 +- 1.1	
23	134	6.0	26.0 +- 0.8; 3.9		22.1 +- 0.8; 4.6		20.2 +- 1.4	
24	110	4.0	28.6 +- 0.9; 4.3		24.6 +- 0.9; 4.9		22.1 +- 1.4	
25	85	5.0	24.0 +- 0.7; 3.6		20.3 +- 0.7; 4.4		18.8 +- 1.3	
26	65	5.0	24.8 +- 0.7; 3.7		21.0 +- 0.8; 4.5		20.5 +- 1.5	
27	53	4.0	23.9 +- 0.7; 3.6		20.2 +- 0.7; 4.4		18.1 +- 1.4	
28	44	8.0	24.8 +- 0.7; 3.7		21.0 +- 0.8; 4.5		20.0 +- 1.6	
29	33	10.0	25.0 +- 0.7; 3.7		21.1 +- 0.8; 4.5		18.5 +- 1.9	
30	8	9.5	25.3 +- 0.8; 3.8		21.4 +- 0.8; 4.5		19.8 +- 1.5	
31	215	15.0	21.7 +- 0.7; 3.3		18.1 +- 0.7; 4.1		17.5 +- 1.3	

Transit Dose = 2.4 +- 0.3; 3.0

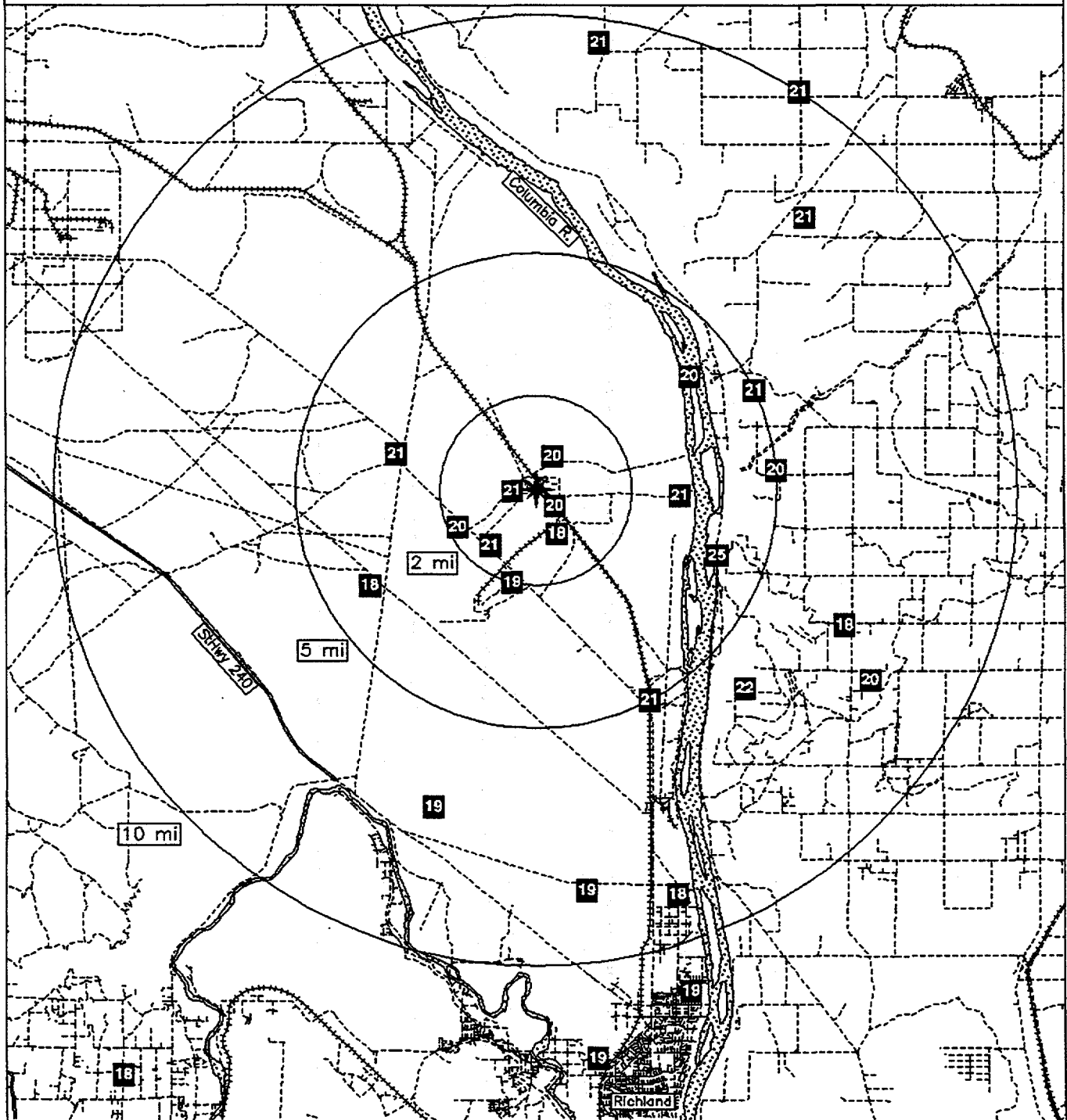
WASHINGTON NUCLEAR 2
For the period 941203-950410

TLD Direct Radiation Environmental Monitoring

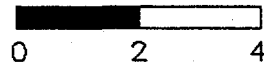
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	21.4 +- 0.0	1
11.26 - 33.75 NNE	20.4 +- 1.1	2
33.76 - 56.25 NE	20.6 +- 0.6	2
56.26 - 78.75 ENE	20.9 +- 0.1	2
78.76 - 101.25 E	20.8 +- 0.7	2
101.26 - 123.75 ESE	20.9 +- 3.3	3
123.76 - 146.25 SE	21.1 +- 1.5	2
146.26 - 168.75 SSE	18.9 +- 1.2	5
168.76 - 191.25 S	19.3 +- 0.0	1
191.26 - 213.75 SSW	18.8 +- 0.3	2
213.76 - 236.25 SW	20.8 +- 0.0	1
236.26 - 258.75 WSW	19.4 +- 1.4	2
258.76 - 281.25 W	21.3 +- 0.0	1
281.26 - 303.75 WNW	24.0 +- 4.7	2
303.76 - 326.25 NW	20.3 +- 0.0	1
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.7 +- 2.5	10
2 - 5	20.9 +- 1.7	8
> 5	19.7 +- 1.4	11
Upwind Control	18.6 +- 0.7	2

NRC TLD DOSES FOR WNP-2 AREA



Miles



Legend



Water



Highways

--- Railroads

--- Roads



Plant..site

WATERFORD

TLD Direct Radiation Environmental Monitoring

For the period 941203-950502 151 Days

Field Time: 88 Days

NRC Sta	Location		Gross			Net Exposure Rate			Hist. Range	
	Azimuth/Dist	(Deg)/(Mi)	Exposure (mR)			(mR/Std. Qtr.)			Net Exp Rate	+1 Std Dev
			+-Rdm; Tot.			+-Rdm; Tot.				
1	101	0.4	21.9	+-	0.7; 3.3	16.8	+-	0.8; 4.6	15.7	+- 2.1
2	116	1.1	24.5	+-	0.7; 3.7	19.4	+-	0.8; 4.9	15.1	+- 2.3
3	132	1.3	23.7	+-	0.7; 3.6	18.7	+-	0.8; 4.8	17.6	+- 2.3
4	160	1.8	21.1	+-	0.6; 3.2	15.9	+-	0.8; 4.5	15.5	+- 2.2
5	183	1.4	22.0	+-	0.7; 3.3	16.9	+-	0.8; 4.6	15.3	+- 2.2
6	202	1.2	22.5	+-	0.7; 3.4	17.4	+-	0.8; 4.6	15.6	+- 2.3
7	226	1.2	20.7	+-	0.6; 3.1	15.6	+-	0.7; 4.4	15.3	+- 2.0
8	248	1.3	22.4	+-	0.7; 3.4	17.3	+-	0.8; 4.6	17.1	+- 2.0
9	265	1.9	18.7	+-	0.6; 2.8	13.5	+-	0.7; 4.2	14.5	+- 2.4
10	186	4.2	22.4	+-	0.7; 3.4	17.3	+-	0.8; 4.6	17.1	+- 2.2
11	315	4.4	19.8	+-	0.6; 3.0	14.7	+-	0.7; 4.3	16.1	+- 2.1
12	328	4.1	22.3	+-	0.7; 3.3	17.2	+-	0.8; 4.6	17.0	+- 2.2
13	309	0.8	20.9	+-	0.6; 3.1	15.8	+-	0.8; 4.4	15.1	+- 1.9
14	273	0.9	21.7	+-	0.7; 3.3	16.6	+-	0.8; 4.5	17.1	+- 2.7
15	292	0.8	18.1	+-	0.5; 2.7	12.9	+-	0.7; 4.1	13.6	+- 1.8
16	335	0.5	19.8	+-	0.6; 3.0	14.7	+-	0.7; 4.3	13.6	+- 1.9
17	120	4.3	20.0	+-	0.6; 3.0	14.8	+-	0.7; 4.3	13.7	+- 2.2
18	145	3.5	20.6	+-	0.6; 3.1	15.5	+-	0.7; 4.4	14.5	+- 1.3
19	153	8.1	22.5	+-	0.7; 3.4	17.4	+-	0.8; 4.6	16.0	+- 2.2
20	133	8.1	21.0	+-	0.6; 3.2	15.9	+-	0.8; 4.5	15.9	+- 2.1
21	116	6.7	22.2	+-	0.7; 3.3	17.1	+-	0.8; 4.6	14.9	+- 2.2
22	95	4.3	21.5	+-	0.6; 3.2	16.4	+-	0.8; 4.5	15.3	+- 1.9
23	86	2.6	20.1	+-	0.6; 3.0	14.9	+-	0.7; 4.4	15.1	+- 2.0
24	66	4.2	24.9	+-	0.7; 3.7	19.8	+-	0.9; 4.9	18.2	+- 2.2
25	37	3.5	22.6	+-	0.7; 3.4	17.5	+-	0.8; 4.6	16.6	+- 2.2
26	23	3.8	20.5	+-	0.6; 3.1	15.4	+-	0.7; 4.4	14.3	+- 2.3
27	350	4.9	21.2	+-	0.6; 3.2	16.1	+-	0.8; 4.5	15.3	+- 2.1
28	335	5.0	21.2	+-	0.6; 3.2	16.0	+-	0.8; 4.5	15.6	+- 2.0
29	6	2.8	19.6	+-	0.6; 2.9	14.4	+-	0.7; 4.3	14.0	+- 2.2
30	356	1.1	22.6	+-	0.7; 3.4	17.5	+-	0.8; 4.6	15.4	+- 2.7
31	15	0.8	20.0	+-	0.6; 3.0	14.8	+-	0.7; 4.3	16.0	+- 2.4
32	40	0.8	18.3	+-	0.5; 2.7	13.1	+-	0.7; 4.2	13.9	+- 2.6
33	69	1.1	18.9	+-	0.6; 2.8	13.7	+-	0.7; 4.2	15.7	+- 3.4
34	292	15.0	22.0	+-	0.7; 3.3	16.9	+-	0.8; 4.6	15.5	+- 2.4
35	282	27.0	24.9	+-	0.7; 3.7	19.8	+-	0.9; 4.9	17.6	+- 2.5
36	268	21.0	21.1	+-	0.6; 3.2	15.9	+-	0.8; 4.5	14.5	+- 2.5

Transit Dose = 5.5 +- 0.4; 3.0

WATERFORD

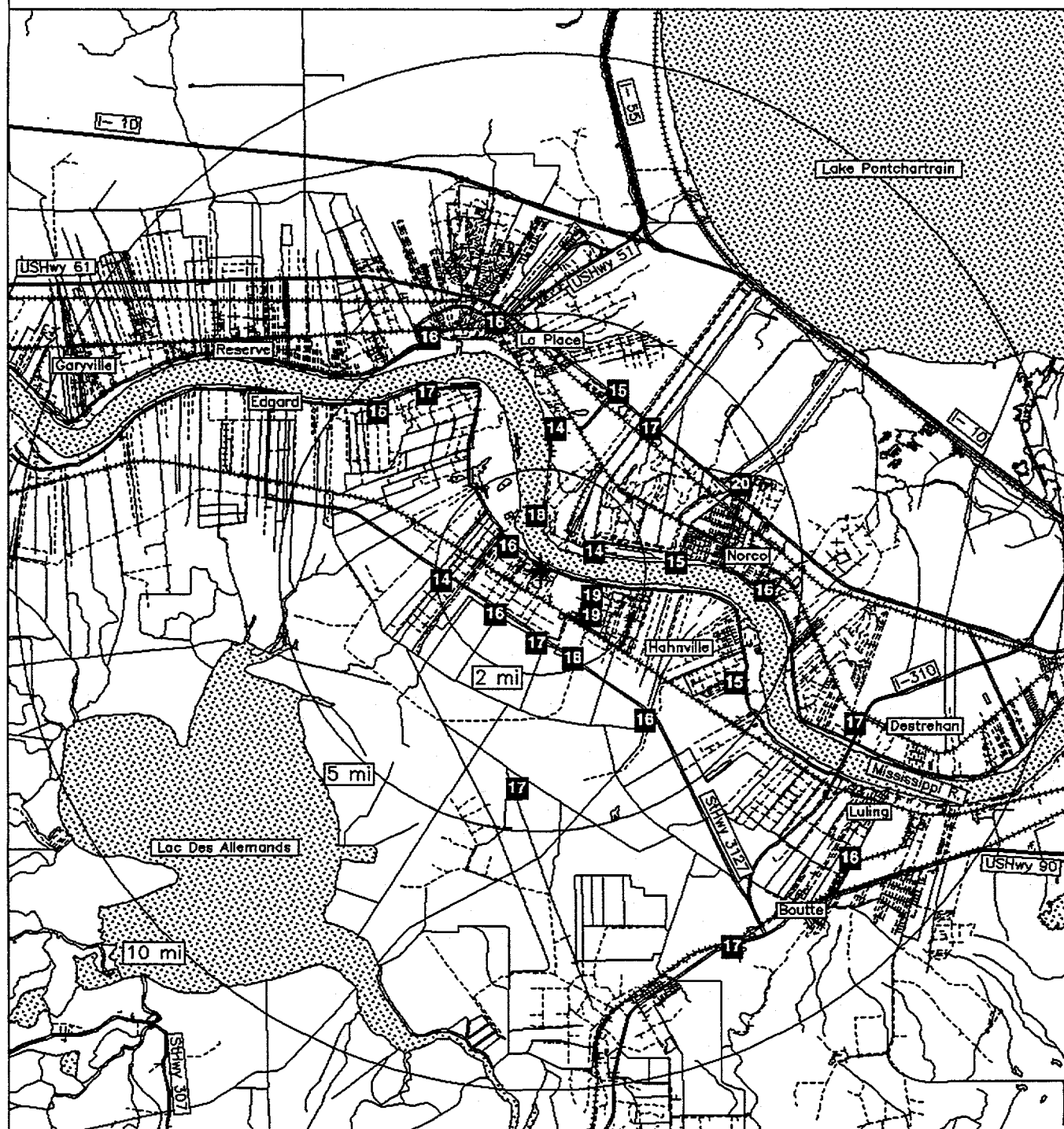
For the period 941203-950502

TLD Direct Radiation Environmental Monitoring

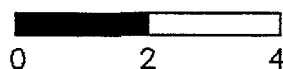
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.0 +- 1.6	3
11.26 - 33.75 NNE	15.1 +- 0.4	2
33.76 - 56.25 NE	15.3 +- 3.1	2
56.26 - 78.75 ENE	16.8 +- 4.3	2
78.76 - 101.25 E	16.0 +- 1.0	3
101.26 - 123.75 ESE	17.1 +- 2.3	3
123.76 - 146.25 SE	16.7 +- 1.7	3
146.26 - 168.75 SSE	16.7 +- 1.0	2
168.76 - 191.25 S	17.1 +- 0.3	2
191.26 - 213.75 SSW	17.4 +- 0.0	1
213.76 - 236.25 SW	15.6 +- 0.0	1
236.26 - 258.75 WSW	17.3 +- 0.0	1
258.76 - 281.25 W	15.1 +- 2.1	2
281.26 - 303.75 WNW	12.9 +- 0.0	1
303.76 - 326.25 NW	15.2 +- 0.8	2
326.26 - 348.75 NNW	16.0 +- 1.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.9 +- 1.9	17
2 - 5	16.1 +- 1.5	13
> 5	16.8 +- 0.8	3
Upwind Control	17.5 +- 2.0	3

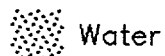
NRC TLD DOSES FOR WATERFORD AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

WATTS BAR

TLD Direct Radiation Environmental Monitoring

For the period 941205-950406 123 Days

Field Time: 91 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	337	0.9	19.8 +- 0.6; 3.0		19.5 +- 0.6; 3.9		16.9 +- 2.2	
2	314	2.1	20.9 +- 0.6; 3.1		20.7 +- 0.7; 4.1		17.2 +- 2.3	
3	297	1.9	20.6 +- 0.6; 3.1		20.3 +- 0.6; 4.0		17.0 +- 2.4	
4	272	2.0	19.1 +- 0.6; 2.9		18.9 +- 0.6; 3.9		16.5 +- 2.3	
5	251	1.9	21.2 +- 0.6; 3.2		20.9 +- 0.7; 4.1		18.8 +- 2.4	
6	235	1.8	22.6 +- 0.7; 3.4		22.3 +- 0.7; 4.3		20.3 +- 2.7	
7	230	3.8	22.9 +- 0.7; 3.4		22.6 +- 0.7; 4.3		19.1 +- 2.4	
8	208	3.6	20.5 +- 0.6; 3.1		20.3 +- 0.6; 4.0		17.8 +- 2.4	
9	249	4.2	22.0 +- 0.7; 3.3		21.8 +- 0.7; 4.2		15.4 +- 2.3	
10	266	3.1	19.7 +- 0.6; 3.0		19.5 +- 0.6; 3.9		16.5 +- 2.3	
11	289	3.3	16.5 +- 0.5; 2.5		16.4 +- 0.5; 3.6		14.1 +- 2.1	
12	310	4.7	16.3 +- 0.5; 2.5		16.2 +- 0.5; 3.6		14.4 +- 2.3	
13	337	3.6	17.7 +- 0.5; 2.6		17.5 +- 0.6; 3.7		15.2 +- 2.8	
14	330	7.0	18.0 +- 0.5; 2.7		17.8 +- 0.6; 3.8		15.1 +- 2.1	
15	350	4.7	22.0 +- 0.7; 3.3		21.7 +- 0.7; 4.2		18.3 +- 2.5	
16	7	1.1	23.9 +- 0.7; 3.6		23.6 +- 0.7; 4.4		19.8 +- 2.6	
17	23	1.6	16.2 +- 0.5; 2.4		16.0 +- 0.5; 3.6		13.1 +- 2.3	
18	41	2.3	18.1 +- 0.5; 2.7		17.9 +- 0.6; 3.8		15.9 +- 2.4	
19	69	1.3	21.2 +- 0.6; 3.2		20.9 +- 0.7; 4.1		18.5 +- 2.2	
20	89	1.2	19.6 +- 0.6; 2.9		19.4 +- 0.6; 3.9		19.7 +- 2.6	
21	114	1.1	19.5 +- 0.6; 2.9		19.3 +- 0.6; 3.9		15.6 +- 2.2	
22	141	1.0	21.4 +- 0.6; 3.2		21.1 +- 0.7; 4.1		18.9 +- 2.4	
23	163	1.1	24.6 +- 0.7; 3.7		24.3 +- 0.8; 4.5		21.7 +- 2.5	
24	187	1.1	19.0 +- 0.6; 2.8		18.8 +- 0.6; 3.9		17.9 +- 2.8	
25	203	1.2	17.6 +- 0.5; 2.6		17.4 +- 0.6; 3.7		17.7 +- 2.9	
26	184	5.9	22.6 +- 0.7; 3.4		22.4 +- 0.7; 4.3		17.8 +- 2.9	
27	176	4.5	20.3 +- 0.6; 3.0		20.1 +- 0.6; 4.0		17.1 +- 2.5	
28	161	3.5	19.3 +- 0.6; 2.9		19.0 +- 0.6; 3.9		16.0 +- 2.2	
29	144	3.0	18.7 +- 0.6; 2.8		18.5 +- 0.6; 3.8		16.4 +- 2.4	
30	117	3.1	19.0 +- 0.6; 2.8		18.7 +- 0.6; 3.9		15.6 +- 2.5	
31	97	4.0	19.2 +- 0.6; 2.9		19.0 +- 0.6; 3.9		16.1 +- 2.3	
32	76	4.1	17.7 +- 0.5; 2.7		17.6 +- 0.6; 3.7		13.7 +- 2.4	
33	32	4.1	19.8 +- 0.6; 3.0		19.6 +- 0.6; 3.9		16.8 +- 2.3	
34	36	4.7	16.6 +- 0.5; 2.5		16.4 +- 0.5; 3.6		13.6 +- 2.1	
35	38	19.0	19.6 +- 0.6; 2.9		19.4 +- 0.6; 3.9		15.5 +- 2.4	
36	38	19.0	21.9 +- 0.7; 3.3		21.7 +- 0.7; 4.2		16.5 +- 3.6	
37	38	19.0	20.7 +- 0.6; 3.1		20.5 +- 0.7; 4.0		17.0 +- 2.3	

Transit Dose = 0.0 +- 0.2; 2.7

WATTS BAR

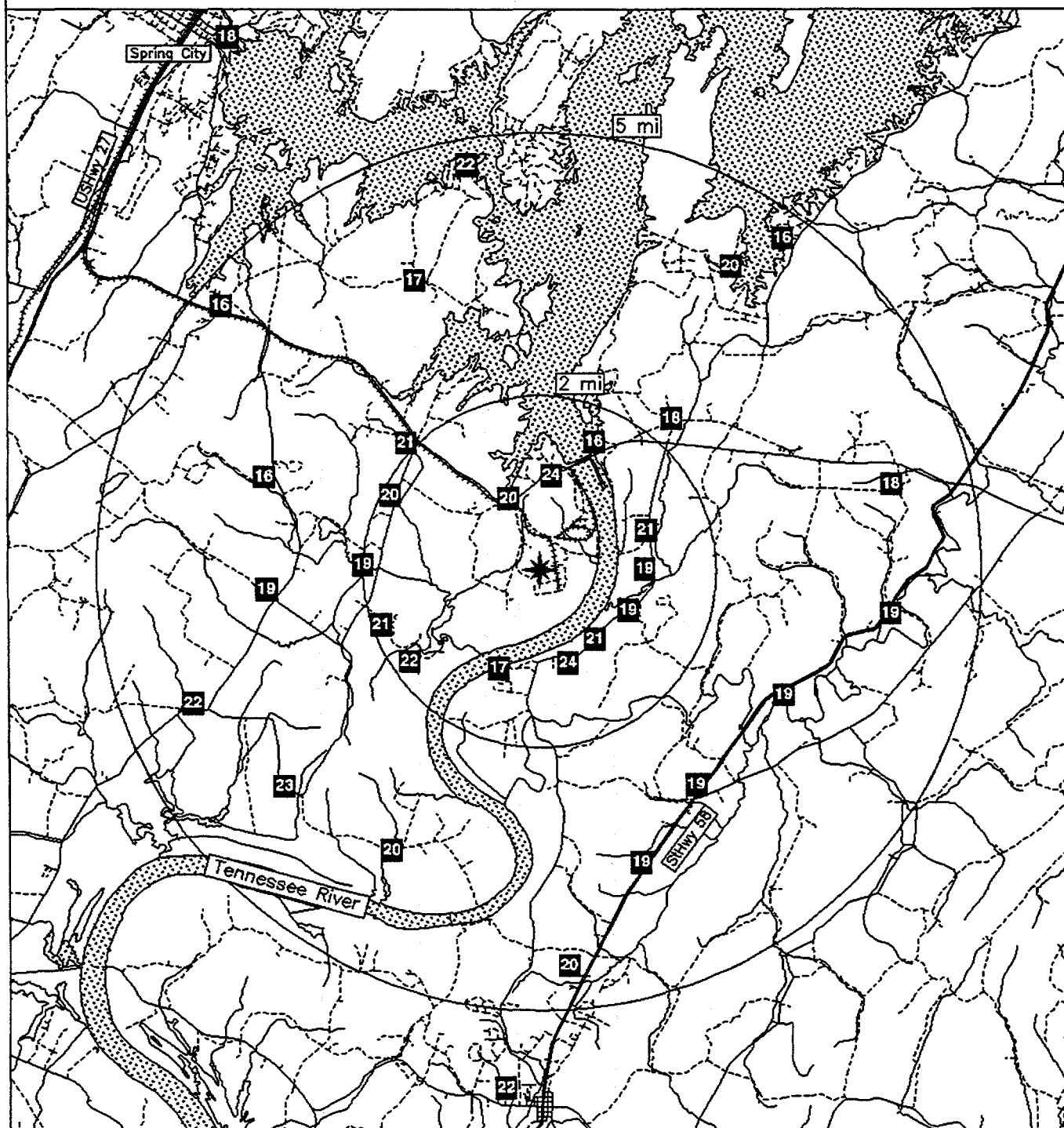
For the period 941205-950406

TLD Direct Radiation Environmental Monitoring

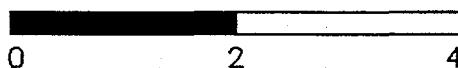
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	22.7 +- 1.3	2
11.26 - 33.75 NNE	17.8 +- 2.5	2
33.76 - 56.25 NE	17.2 +- 1.1	2
56.26 - 78.75 ENE	19.2 +- 2.4	2
78.76 - 101.25 E	19.2 +- 0.3	2
101.26 - 123.75 ESE	19.0 +- 0.4	2
123.76 - 146.25 SE	19.8 +- 1.9	2
146.26 - 168.75 SSE	21.7 +- 3.7	2
168.76 - 191.25 S	20.4 +- 1.8	3
191.26 - 213.75 SSW	18.8 +- 2.0	2
213.76 - 236.25 SW	22.5 +- 0.2	2
236.26 - 258.75 WSW	21.4 +- 0.6	2
258.76 - 281.25 W	19.2 +- 0.4	2
281.26 - 303.75 WNW	18.3 +- 2.8	2
303.76 - 326.25 NW	18.4 +- 3.2	2
326.26 - 348.75 NNW	18.3 +- 1.1	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.2 +- 2.2	14
2 - 5	19.1 +- 1.9	18
> 5	20.1 +- 3.2	2
Upwind Control	20.5 +- 1.1	3

NRC TLD DOSES FOR WATTS BAR AREA



Miles



Legend

Water

Highways

Railroads

Roads

Plant..site

WOLF CREEK

TLD Direct Radiation Environmental Monitoring

For the period 941203-950410 129 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.			Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.			Hist. Range Net Exp Rate +-1 Std Dev	
1	316	2.9	22.7	+-	0.7; 3.4	18.0	+-	0.8; 4.8	19.6	+- 1.8
2	330	1.8	22.8	+-	0.7; 3.4	18.1	+-	0.8; 4.8	18.5	+- 1.7
3	360	2.8	21.1	+-	0.6; 3.2	16.3	+-	0.8; 4.6	18.8	+- 1.7
4	355	1.6	23.4	+-	0.7; 3.5	18.8	+-	0.8; 4.9	19.4	+- 1.9
5	31	1.8	23.3	+-	0.7; 3.5	18.6	+-	0.8; 4.8	19.6	+- 2.0
6	47	2.0	21.4	+-	0.6; 3.2	16.7	+-	0.8; 4.6	17.1	+- 2.0
7	70	1.6	21.5	+-	0.6; 3.2	16.8	+-	0.8; 4.6	18.1	+- 1.8
8	90	1.7	23.7	+-	0.7; 3.6	19.1	+-	0.9; 4.9	20.1	+- 1.8
9	111	2.4	Damaged Dosimeter			No Net Data			19.5	+- 1.7
10	137	2.5	23.0	+-	0.7; 3.5	18.4	+-	0.8; 4.8	19.1	+- 1.7
11	157	3.4	24.5	+-	0.7; 3.7	20.0	+-	0.9; 5.0	20.6	+- 1.7
12	184	3.3	23.1	+-	0.7; 3.5	18.4	+-	0.8; 4.8	20.1	+- 1.7
13	213	2.9	23.1	+-	0.7; 3.5	18.5	+-	0.8; 4.8	19.5	+- 1.9
14	233	2.4	23.6	+-	0.7; 3.5	18.9	+-	0.8; 4.9	19.7	+- 1.9
15	248	2.2	22.8	+-	0.7; 3.4	18.2	+-	0.8; 4.8	19.3	+- 1.7
16	278	2.1	23.0	+-	0.7; 3.4	18.3	+-	0.8; 4.8	19.6	+- 1.6
17	270	3.4	19.4	+-	0.6; 2.9	14.5	+-	0.7; 4.4	15.9	+- 1.6
18	263	4.2	24.5	+-	0.7; 3.7	20.0	+-	0.9; 5.0	21.4	+- 1.9
19	257	5.0	24.2	+-	0.7; 3.6	19.6	+-	0.9; 4.9	19.5	+- 1.9
20	280	3.9	21.5	+-	0.6; 3.2	16.8	+-	0.8; 4.6	18.2	+- 1.4
21	298	3.9	22.8	+-	0.7; 3.4	18.1	+-	0.8; 4.8	19.7	+- 1.6
22	319	4.8	22.0	+-	0.7; 3.3	17.3	+-	0.8; 4.7	17.9	+- 1.8
23	332	5.0	21.9	+-	0.7; 3.3	17.1	+-	0.8; 4.7	19.2	+- 1.7
24	19	3.9	24.1	+-	0.7; 3.6	19.5	+-	0.9; 4.9	19.5	+- 1.6
25	35	4.4	21.3	+-	0.6; 3.2	16.6	+-	0.8; 4.6	16.9	+- 1.6
26	67	4.3	21.0	+-	0.6; 3.2	16.2	+-	0.8; 4.6	18.1	+- 1.8
27	88	4.1	22.0	+-	0.7; 3.3	17.2	+-	0.8; 4.7	19.3	+- 2.1
28	110	4.5	24.4	+-	0.7; 3.7	19.9	+-	0.9; 5.0	19.7	+- 1.6
29	128	4.4	22.8	+-	0.7; 3.4	18.1	+-	0.8; 4.8	20.0	+- 1.9
30	112	16.0	20.5	+-	0.6; 3.1	15.7	+-	0.8; 4.5	17.1	+- 2.0
31	127	9.4	21.5	+-	0.6; 3.2	16.7	+-	0.8; 4.6	16.9	+- 1.7
32	62	11.0	21.4	+-	0.6; 3.2	16.7	+-	0.8; 4.6	17.3	+- 1.9
33	153	5.2	21.4	+-	0.6; 3.2	16.6	+-	0.8; 4.6	18.8	+- 1.9
34	174	4.7	23.3	+-	0.7; 3.5	18.6	+-	0.8; 4.8	20.2	+- 1.8
35	197	5.2	24.1	+-	0.7; 3.6	19.5	+-	0.9; 4.9	20.5	+- 2.0
36	224	4.8	22.9	+-	0.7; 3.4	18.2	+-	0.8; 4.8	18.3	+- 1.6
37	220	14.0	21.2	+-	0.6; 3.2	16.4	+-	0.8; 4.6	15.5	+- 1.5
38	253	6.5	24.5	+-	0.7; 3.7	19.9	+-	0.9; 5.0	20.2	+- 1.9
39	278	10.0	23.5	+-	0.7; 3.5	18.9	+-	0.8; 4.9	18.8	+- 1.9
40	285	15.0	20.2	+-	0.6; 3.0	15.4	+-	0.8; 4.5	16.8	+- 1.5
41	292	6.7	22.7	+-	0.7; 3.4	18.1	+-	0.8; 4.8	18.2	+- 1.9
42	345	13.0	23.7	+-	0.7; 3.5	19.0	+-	0.9; 4.9	20.2	+- 1.8
43	5	7.5	23.9	+-	0.7; 3.6	19.3	+-	0.9; 4.9	19.5	+- 1.8
44	20	8.3	23.3	+-	0.7; 3.5	18.7	+-	0.8; 4.8	19.9	+- 1.5
45	315	7.5	24.4	+-	0.7; 3.7	19.8	+-	0.9; 5.0	20.9	+- 1.8
46	341	7.7	24.3	+-	0.7; 3.6	19.8	+-	0.9; 5.0	19.9	+- 1.3
47	355	1.0	22.4	+-	0.7; 3.4	17.7	+-	0.8; 4.7	18.2	+- 1.3

Transit Dose = 5.7 +- 0.4; 2.9

WOLF CREEK

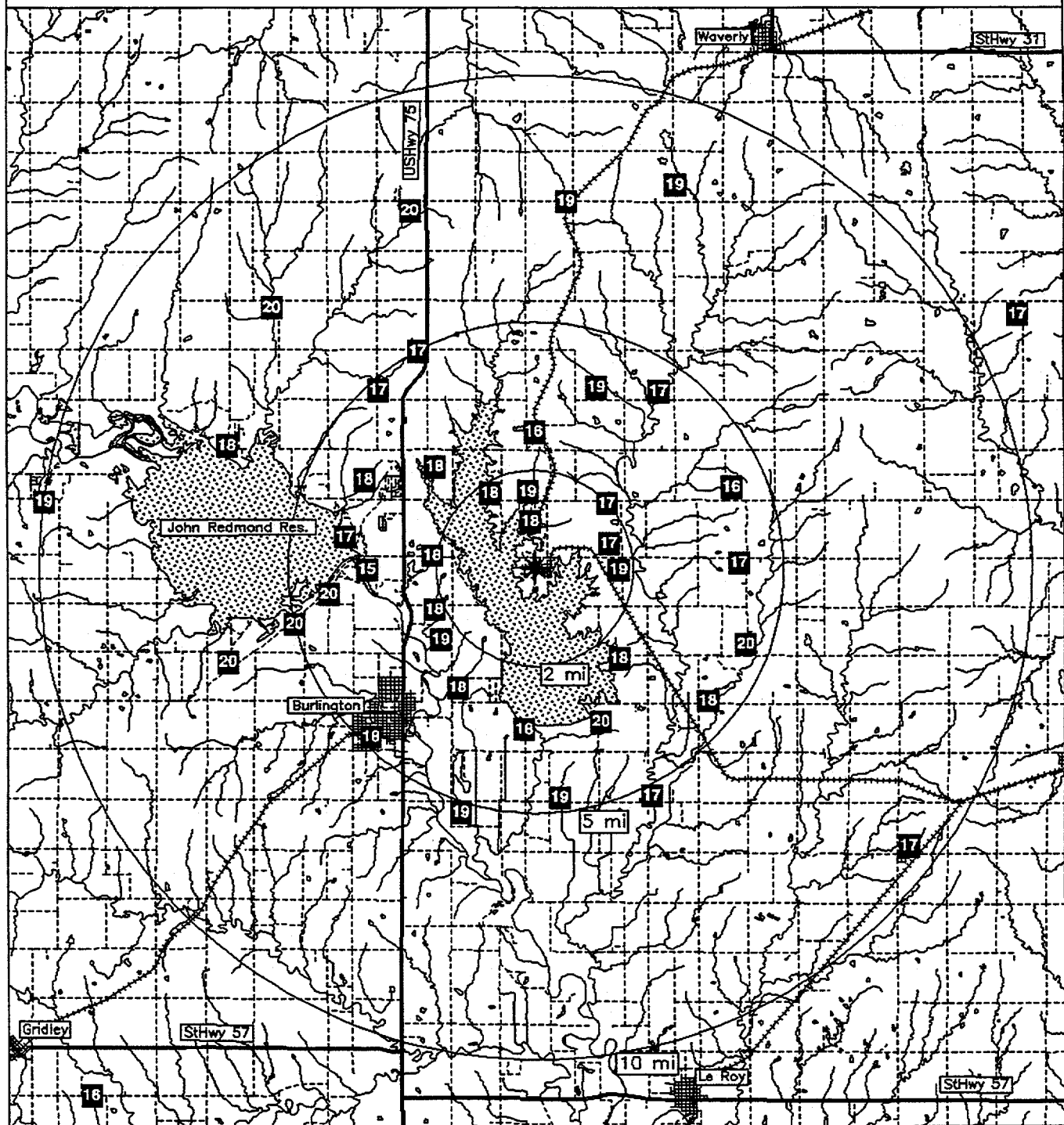
For the period 941203-950410

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.0 +- 1.3	4
11.26 - 33.75 NNE	18.9 +- 0.5	3
33.76 - 56.25 NE	16.6 +- 0.1	2
56.26 - 78.75 ENE	16.6 +- 0.3	3
78.76 - 101.25 E	18.2 +- 1.3	2
101.26 - 123.75 ESE	17.8 +- 2.9	2
123.76 - 146.25 SE	17.7 +- 0.9	3
146.26 - 168.75 SSE	18.3 +- 2.4	2
168.76 - 191.25 S	18.5 +- 0.1	2
191.26 - 213.75 SSW	19.0 +- 0.7	2
213.76 - 236.25 SW	17.8 +- 1.3	3
236.26 - 258.75 WSW	19.2 +- 0.9	3
258.76 - 281.25 W	17.7 +- 2.1	5
281.26 - 303.75 WNW	17.2 +- 1.6	3
303.76 - 326.25 NW	18.4 +- 1.3	3
326.26 - 348.75 NNW	18.5 +- 1.1	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 1.0	7
2 - 5	18.0 +- 1.3	24
> 5	18.0 +- 1.6	15
Upwind Control	No Data +- No Data	0

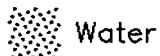
NRC TLD DOSES FOR WOLF CREEK AREA



Miles

0 2 4

Legend



Water



Highways



Railroads



Roads



Plant..site

YANKEE ROWE

TLD Direct Radiation Environmental Monitoring

For the period 941206-950418 134 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	0 0.8	23.6 +- 0.7; 3.5	18.7 +- 0.8; 4.6	18.3 +- 2.0
2	265 14.0	20.9 +- 0.6; 3.1	16.0 +- 0.7; 4.3	15.9 +- 1.6
3	137 12.0	21.9 +- 0.7; 3.3	17.1 +- 0.7; 4.4	16.0 +- 1.7
5	85 2.2	22.4 +- 0.7; 3.4	17.6 +- 0.7; 4.4	15.2 +- 1.8
6	118 2.6	20.8 +- 0.6; 3.1	16.0 +- 0.7; 4.3	15.3 +- 1.6
7	137 2.1	22.9 +- 0.7; 3.4	18.0 +- 0.8; 4.5	17.2 +- 1.8
8	153 1.7	20.7 +- 0.6; 3.1	15.8 +- 0.7; 4.2	15.9 +- 1.2
9	176 1.1	21.4 +- 0.6; 3.2	16.6 +- 0.7; 4.3	15.8 +- 1.4
10	203 0.5	21.9 +- 0.7; 3.3	17.1 +- 0.7; 4.4	16.6 +- 2.0
11	219 0.6	21.9 +- 0.7; 3.3	17.0 +- 0.7; 4.4	16.6 +- 1.4
12	239 1.1	22.8 +- 0.7; 3.4	17.9 +- 0.8; 4.5	19.2 +- 2.4
13	272 1.8	22.1 +- 0.7; 3.3	17.3 +- 0.7; 4.4	17.5 +- 2.1
14	292 1.3	23.3 +- 0.7; 3.5	18.4 +- 0.8; 4.5	17.8 +- 2.0
15	315 1.6	23.6 +- 0.7; 3.5	18.7 +- 0.8; 4.6	18.1 +- 2.1
16	348 1.4	23.5 +- 0.7; 3.5	18.6 +- 0.8; 4.5	17.7 +- 1.7
17	358 2.8	22.4 +- 0.7; 3.4	17.6 +- 0.7; 4.4	16.6 +- 1.9
18	21 2.8	19.0 +- 0.6; 2.9	14.2 +- 0.7; 4.1	15.3 +- 1.8
19	43 5.8	21.8 +- 0.7; 3.3	17.0 +- 0.7; 4.4	16.6 +- 1.4
20	75 6.0	23.9 +- 0.7; 3.6	19.0 +- 0.8; 4.6	17.6 +- 2.0
21	98 6.0	21.2 +- 0.6; 3.2	16.4 +- 0.7; 4.3	14.5 +- 1.4
22	104 5.2	19.0 +- 0.6; 2.8	14.2 +- 0.7; 4.1	13.5 +- 1.3
23	133 5.7	20.9 +- 0.6; 3.1	16.0 +- 0.7; 4.3	13.6 +- 1.6
24	157 7.5	20.5 +- 0.6; 3.1	15.7 +- 0.7; 4.2	14.1 +- 1.8
25	184 6.3	21.2 +- 0.6; 3.2	16.4 +- 0.7; 4.3	16.2 +- 1.9
27	225 5.9	Damaged Dosimeter	No Net Data	17.0 +- 1.7
29	269 3.5	22.7 +- 0.7; 3.4	17.8 +- 0.8; 4.5	17.1 +- 2.0
32	342 3.3	Missing Dosimeter	No Net Data	16.9 +- 1.7
34	48 7.3	22.6 +- 0.7; 3.4	17.7 +- 0.8; 4.5	17.2 +- 1.8
35	39 2.3	18.9 +- 0.6; 2.8	14.1 +- 0.7; 4.1	14.1 +- 1.7
47	260 9.6	21.4 +- 0.6; 3.2	16.6 +- 0.7; 4.3	16.5 +- 1.5
48	261 9.0	23.7 +- 0.7; 3.6	18.8 +- 0.8; 4.6	18.5 +- 1.8

Transit Dose = 4.5 +- 0.4; 3.0

YANKEE ROWE

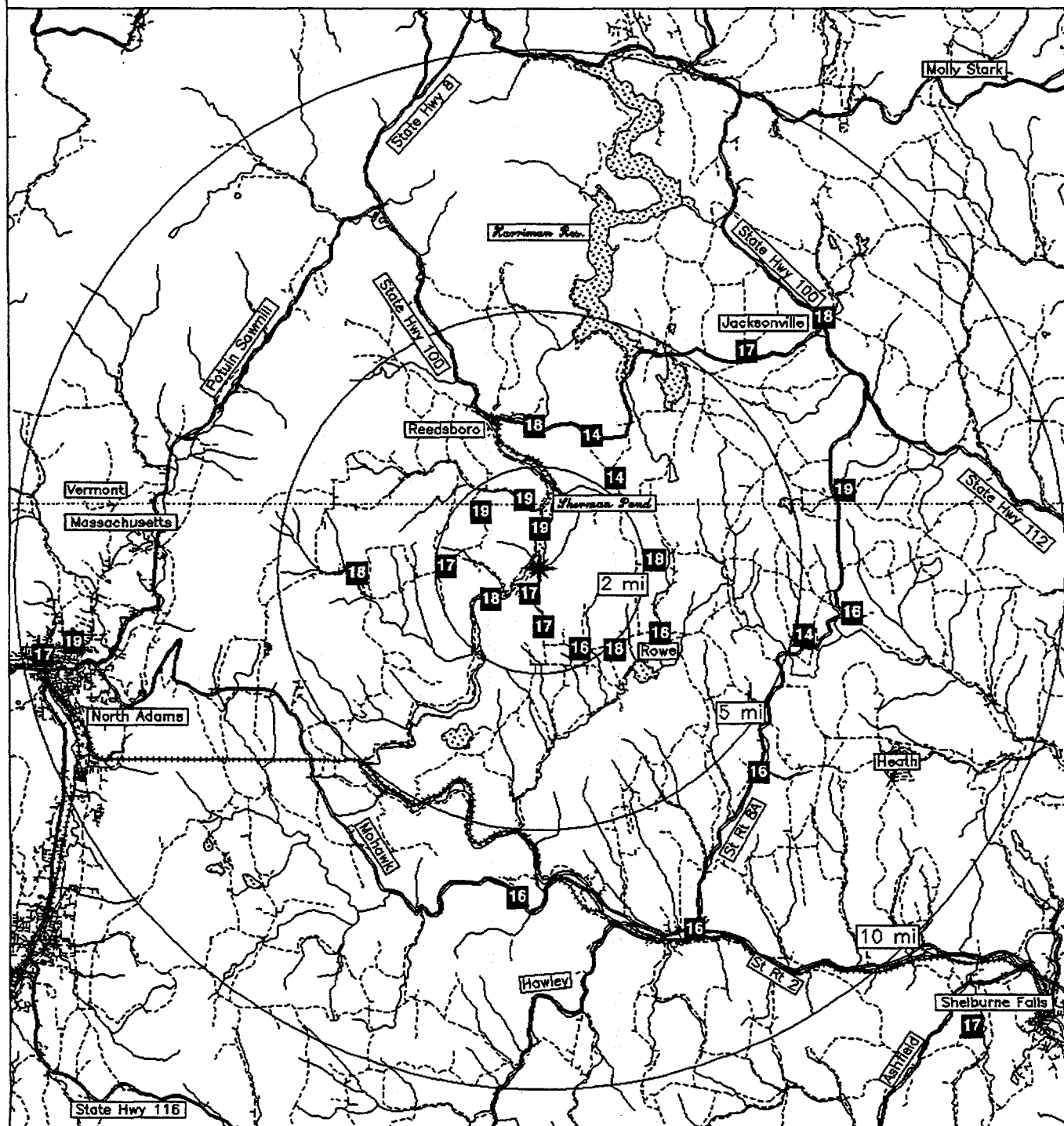
For the period 941206-950418

TLD Direct Radiation Environmental Monitoring

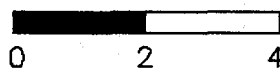
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.2 +- 0.8	2
11.26 - 33.75 NNE	14.2 +- 0.0	1
33.76 - 56.25 NE	16.3 +- 1.9	3
56.26 - 78.75 ENE	19.0 +- 0.0	1
78.76 - 101.25 E	17.0 +- 0.9	2
101.26 - 123.75 ESE	15.1 +- 1.3	2
123.76 - 146.25 SE	17.0 +- 1.0	3
146.26 - 168.75 SSE	15.8 +- 0.1	2
168.76 - 191.25 S	16.5 +- 0.2	2
191.26 - 213.75 SSW	17.1 +- 0.0	1
213.76 - 236.25 SW	17.0 +- 0.0	1
236.26 - 258.75 WSW	17.9 +- 0.0	1
258.76 - 281.25 W	17.0 +- 0.9	3
281.26 - 303.75 WNW	18.4 +- 0.0	1
303.76 - 326.25 NW	18.7 +- 0.0	1
326.26 - 348.75 NNW	18.6 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.6 +- 1.0	10
2 - 5	16.5 +- 1.7	7
> 5	16.6 +- 1.3	10
Upwind Control	17.7 +- 1.6	2

NRC TLD DOSES FOR YANKEE ROWE AREA



Miles



Legend



Water

--- Railroads



Plant site

— Highways

--- Roads

ZION

TLD Direct Radiation Environmental Monitoring

For the period 941203-950420 139 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	310 0.8	19.0 +- 0.6; 2.8	15.4 +- 0.7; 4.2	15.3 +- 1.8
2	192 1.0	18.0 +- 0.5; 2.7	14.5 +- 0.7; 4.1	13.1 +- 1.4
3	187 1.9	19.5 +- 0.6; 2.9	16.0 +- 0.7; 4.3	14.2 +- 1.6
4	219 2.4	23.1 +- 0.7; 3.5	19.8 +- 0.8; 4.7	17.1 +- 1.5
5	257 1.8	19.2 +- 0.6; 2.9	15.7 +- 0.7; 4.3	17.0 +- 2.0
6	250 1.2	21.7 +- 0.7; 3.3	18.4 +- 0.8; 4.6	16.1 +- 1.5
7	293 1.6	21.5 +- 0.6; 3.2	18.1 +- 0.8; 4.5	17.0 +- 1.4
8	310 1.8	20.7 +- 0.6; 3.1	17.2 +- 0.7; 4.4	14.9 +- 1.6
9	343 2.6	20.1 +- 0.6; 3.0	16.7 +- 0.7; 4.4	15.4 +- 1.6
10	356 4.5	19.4 +- 0.6; 2.9	15.9 +- 0.7; 4.3	14.6 +- 1.5
11	337 4.5	20.9 +- 0.6; 3.1	17.5 +- 0.8; 4.5	16.6 +- 2.1
12	310 4.0	21.3 +- 0.6; 3.2	17.9 +- 0.8; 4.5	18.8 +- 1.9
13	293 3.5	24.1 +- 0.7; 3.6	20.9 +- 0.8; 4.9	19.5 +- 1.7
14	280 4.5	23.3 +- 0.7; 3.5	20.0 +- 0.8; 4.8	18.7 +- 1.6
15	232 3.2	22.7 +- 0.7; 3.4	19.4 +- 0.8; 4.7	17.8 +- 1.8
16	220 3.5	22.7 +- 0.7; 3.4	19.4 +- 0.8; 4.7	18.1 +- 1.4
17	198 4.5	21.4 +- 0.6; 3.2	18.1 +- 0.8; 4.5	16.0 +- 1.6
18	206 2.8	Damaged Dosimeter	No Net Data	15.4 +- 1.6
19	327 1.7	19.7 +- 0.6; 3.0	16.3 +- 0.7; 4.3	15.4 +- 1.8
20	197 15.0	22.2 +- 0.7; 3.3	18.8 +- 0.8; 4.6	18.9 +- 2.0
21	352 7.9	19.1 +- 0.6; 2.9	15.6 +- 0.7; 4.3	15.0 +- 1.5
22	348 9.3	18.3 +- 0.5; 2.7	14.7 +- 0.7; 4.2	15.1 +- 1.8
23	336 8.5	20.4 +- 0.6; 3.1	17.0 +- 0.7; 4.4	17.7 +- 2.1
24	314 5.8	Missing Dosimeter	No Net Data	17.2 +- 1.4
25	220 6.3	20.4 +- 0.6; 3.1	17.0 +- 0.7; 4.4	16.5 +- 1.5
26	195 8.0	19.9 +- 0.6; 3.0	16.4 +- 0.7; 4.4	15.5 +- 1.4
28	197 15.0	22.3 +- 0.7; 3.3	19.0 +- 0.8; 4.6	18.8 +- 1.5
30	320 9.8	23.5 +- 0.7; 3.5	20.2 +- 0.8; 4.8	18.0 +- 1.6
31	229 8.0	20.8 +- 0.6; 3.1	17.4 +- 0.8; 4.5	16.6 +- 1.5
32	193 15.0	20.8 +- 0.6; 3.1	17.4 +- 0.8; 4.5	19.0 +- 1.6

Transit Dose = 4.4 +- 0.3; 2.8

ZION

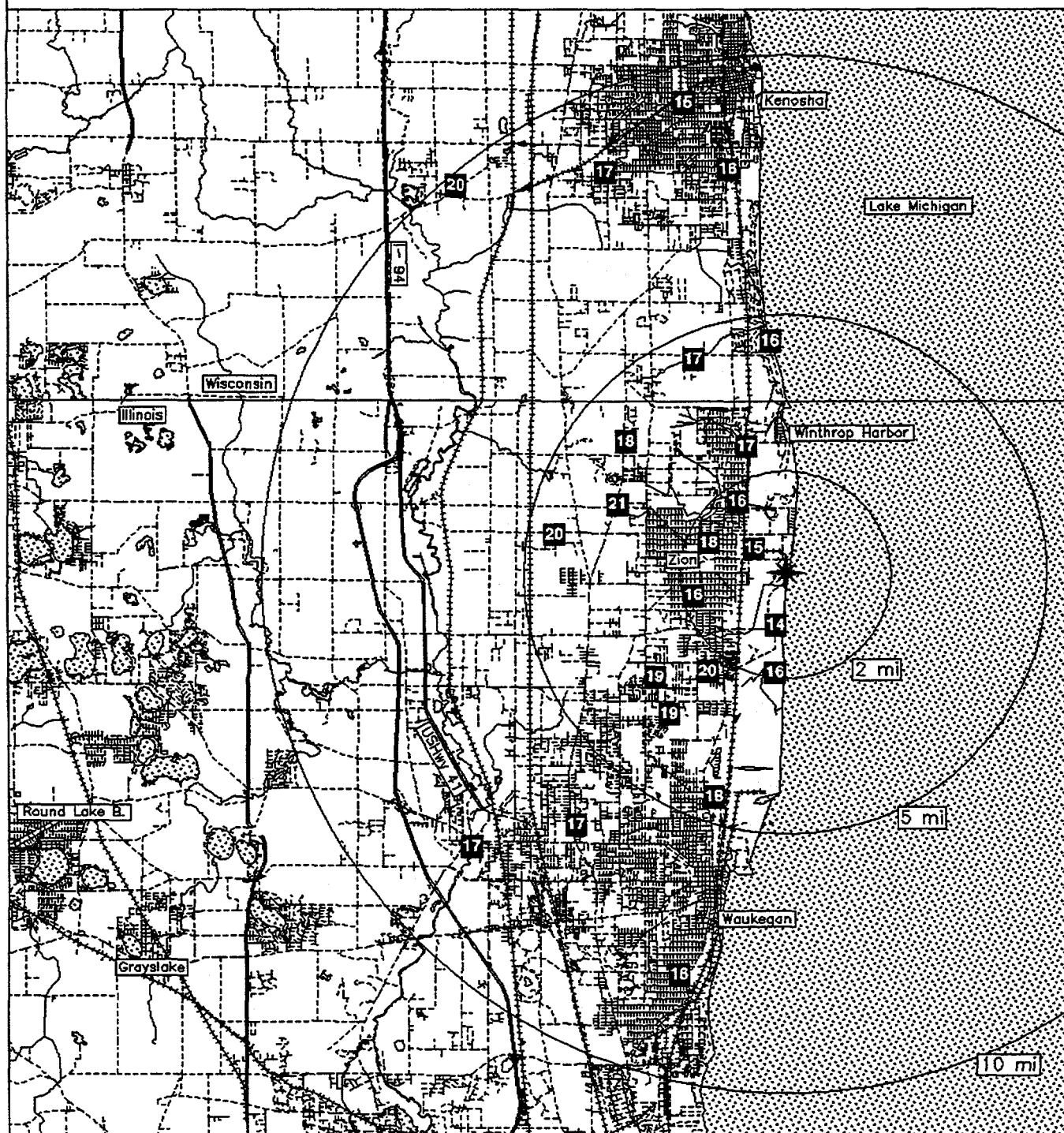
For the period 941203-950420

TLD Direct Radiation Environmental Monitoring

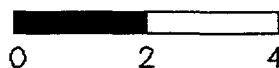
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.7 +- 0.2	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	16.0 +- 0.0	1
191.26 - 213.75 SSW	16.3 +- 1.8	3
213.76 - 236.25 SW	18.6 +- 1.3	5
236.26 - 258.75 WSW	17.0 +- 1.9	2
258.76 - 281.25 W	20.0 +- 0.0	1
281.26 - 303.75 WNW	19.5 +- 2.0	2
303.76 - 326.25 NW	17.7 +- 2.0	4
326.26 - 348.75 NNW	16.4 +- 1.0	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.4 +- 1.4	8
2 - 5	18.6 +- 1.6	10
> 5	16.9 +- 1.7	7
Upwind Control	18.4 +- 0.9	3

NRC TLD DOSES FOR ZION AREA



Miles



Legend



Water

--- Railroads



Plant..site

— Highways

--- Roads

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(See instructions on the reverse)

1. REPORT NUMBER
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Vol. 15, No. 1

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Progress Report (January - March 1995)

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5. AUTHOR(S)

R. Struckmeyer

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King of Prussia, PA 19406

9. SPONSORING ORGANIZATION - NAME AND ADDRESS (If NRC, type "Same as above"; if contractor, provide NRC Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address.)

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10. SUPPLEMENTARY NOTES

11. ABSTRACT (200 words or less)

This report provides the status and results of the NRC Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network. It presents the radiation levels measured in the vicinity of NRC licensed facilities throughout the country for the first quarter of 1995.

12. KEY WORDS/DESCRIPTORS (List words or phrases that will assist researchers in locating the report.)

Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring
Network

ambient radiation levels

13. AVAILABILITY STATEMENT

Unlimited

14. SECURITY CLASSIFICATION

(This Page)

Unclassified

(This Report)

Unclassified

15. NUMBER OF PAGES

16. PRICE