

NUREG-0837
Vol. 13, No. 2

NRC TLD Direct Radiation Monitoring Network

Progress Report
April-June 1993

U.S. Nuclear Regulatory Commission

NRC Region I

R. Struckmeyer, N. McNamara



9309210028 930831
PDR NUREG
0837 R PDR

AVAILABILITY NOTICE

Availability of Reference Materials Cited in NRC Publications

Most documents cited in NRC publications will be available from one of the following sources:

1. The NRC Public Document Room, 2120 L Street, NW, Lower Level, Washington, DC 20555-0001
2. The Superintendent of Documents, U.S. Government Printing Office, Mail Stop SSOP, Washington, DC 20402-9328
3. The National Technical Information Service, Springfield, VA 22161

Although the listing that follows represents the majority of documents cited in NRC publications, it is not intended to be exhaustive.

Referenced documents available for inspection and copying for a fee from the NRC Public Document Room include NRC correspondence and internal NRC memoranda; NRC Office of Inspection and Enforcement bulletins, circulars, information notices, inspection and investigation notices; Licensee Event Reports; vendor reports and correspondence; Commission papers; and applicant and licensee documents and correspondence.

The following documents in the NUREG series are available for purchase from the GPO Sales Program: formal NRC staff and contractor reports, NRC-sponsored conference proceedings, and NRC booklets and brochures. Also available are Regulatory Guides, NRC regulations in the Code of Federal Regulations, and Nuclear Regulatory Commission Issuances.

Documents available from the National Technical Information Service include NUREG series reports and technical reports prepared by other federal agencies and reports prepared by the Atomic Energy Commission, forerunner agency to the Nuclear Regulatory Commission.

Documents available from public and special technical libraries include all open literature items, such as books, journal and periodical articles, and transactions. Federal Register notices, federal and state legislation, and congressional reports can usually be obtained from these libraries.

Documents such as theses, dissertations, foreign reports and translations, and non-NRC conference proceedings are available for purchase from the organization sponsoring the publication cited.

Single copies of NRC draft reports are available free, to the extent of supply, upon written request to the Office of Information Resources Management, Distribution Section, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

Copies of industry codes and standards used in a substantive manner in the NRC regulatory process are maintained at the NRC Library, 7920 Norfolk Avenue, Bethesda, Maryland, and are available there for reference use by the public. Codes and standards are usually copyrighted and may be purchased from the originating organization or, if they are American National Standards, from the American National Standards Institute, 1430 Broadway, New York, NY 10018.

NUREG-0837
Vol. 13, No. 2

NRC TLD Direct Radiation Monitoring Network

Progress Report
April-June 1993

U.S. Nuclear Regulatory Commission

NRC Region I

R. Struckmeyer, N. McNamara



9309210028 930831
PDR NUREG
0837 R PDR

AVAILABILITY NOTICE

Availability of Reference Materials Cited in NRC Publications

Most documents cited in NRC publications will be available from one of the following sources:

1. The NRC Public Document Room, 2120 L Street, NW, Lower Level, Washington, DC 20555-0001
2. The Superintendent of Documents, U.S. Government Printing Office, Mail Stop SSOP, Washington, DC 20402-9328
3. The National Technical Information Service, Springfield, VA 22161

Although the listing that follows represents the majority of documents cited in NRC publications, it is not intended to be exhaustive.

Referenced documents available for inspection and copying for a fee from the NRC Public Document Room include NRC correspondence and internal NRC memoranda; NRC Office of Inspection and Enforcement bulletins, circulars, information notices, inspection and investigation notices; Licensee Event Reports; vendor reports and correspondence; Commission papers; and applicant and licensee documents and correspondence.

The following documents in the NUREG series are available for purchase from the GPO Sales Program: formal NRC staff and contractor reports, NRC-sponsored conference proceedings, and NRC booklets and brochures. Also available are Regulatory Guides, NRC regulations in the Code of Federal Regulations, and Nuclear Regulatory Commission Issuances.

Documents available from the National Technical Information Service include NUREG series reports and technical reports prepared by other federal agencies and reports prepared by the Atomic Energy Commission, forerunner agency to the Nuclear Regulatory Commission.

Documents available from public and special technical libraries include all open literature items, such as books, journal and periodical articles, and transactions. Federal Register notices, federal and state legislation, and congressional reports can usually be obtained from these libraries.

Documents such as theses, dissertations, foreign reports and translations, and non-NRC conference proceedings are available for purchase from the organization sponsoring the publication cited.

Single copies of NRC draft reports are available free, to the extent of supply, upon written request to the Office of Information Resources Management, Distribution Section, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

Copies of industry codes and standards used in a substantive manner in the NRC regulatory process are maintained at the NRC Library, 7920 Norfolk Avenue, Bethesda, Maryland, and are available there for reference use by the public. Codes and standards are usually copyrighted and may be purchased from the originating organization or, if they are American National Standards, from the American National Standards Institute, 1430 Broadway, New York, NY 10018.

NUREG-0837
Vol. 13, No. 2

NRC TLD Direct Radiation Monitoring Network

Progress Report
April-June 1993

Manuscript Completed: August 1993
Date Published: August 1993

R. Struckmeyer, N. McNamara

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



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 second quarter of 1993. 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 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.

Maps indicating the measured doses around a site are presented in this report. Due to the constraints of digitizing the entire monitoring area onto the limited space on the map, some TLD data are not included.

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.

Data Unavailable for Cooper Site

Due to heavy flooding in the Missouri River basin during this quarter, the TLDs at the Cooper site have not yet been retrieved. Future issues of this report will present data for this site as they become available.

Sites Monitored During the Second Quarter 1993

- | | | | |
|-----|-----------------------------|-----|----------------------|
| 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 930322-930729 130 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	4	0.4	23.9	+ 0.7; 3.6	17.4	+ 0.7; 4.4	17.8	+ 1.9
2	353	4.1	24.0	+ 0.7; 3.6	17.5	+ 0.8; 4.4	17.7	+ 1.9
3	32	1.3	25.4	+ 0.8; 3.8	18.8	+ 0.8; 4.6	18.5	+ 2.1
4	13	3.3	23.0	+ 0.7; 3.4	16.6	+ 0.7; 4.3	16.9	+ 1.9
5	53	1.5	22.4	+ 0.7; 3.4	16.1	+ 0.7; 4.3	17.8	+ 2.0
6	37	3.6	23.4	+ 0.7; 3.5	17.0	+ 0.7; 4.4	16.8	+ 1.7
7	78	2.5	24.7	+ 0.7; 3.7	18.2	+ 0.8; 4.5	19.2	+ 2.3
8	60	3.2	25.3	+ 0.8; 3.8	18.7	+ 0.8; 4.6	20.3	+ 2.7
9	92	0.5	26.5	+ 0.8; 4.0	19.9	+ 0.8; 4.7	19.3	+ 2.3
10	83	5.5	23.5	+ 0.7; 3.5	17.1	+ 0.7; 4.4	17.8	+ 2.0
11	122	2.1	23.0	+ 0.7; 3.5	16.6	+ 0.7; 4.4	16.5	+ 1.9
12	109	6.8	25.1	+ 0.8; 3.8	18.6	+ 0.8; 4.6	18.4	+ 2.0
13	138	2.6	21.9	+ 0.7; 3.3	15.6	+ 0.7; 4.2	15.1	+ 1.8
14	130	4.9	22.8	+ 0.7; 3.4	16.4	+ 0.7; 4.3	16.1	+ 2.0
16	167	4.4	23.4	+ 0.7; 3.5	17.0	+ 0.7; 4.4	17.9	+ 1.7
17	171	0.4	23.3	+ 0.7; 3.5	16.9	+ 0.7; 4.4	17.3	+ 2.0
18	189	3.2	23.0	+ 0.7; 3.4	16.6	+ 0.7; 4.3	17.7	+ 1.9
19	205	2.9	23.1	+ 0.7; 3.5	16.7	+ 0.7; 4.4	16.9	+ 2.1
20	195	5.8	21.2	+ 0.6; 3.2	15.0	+ 0.7; 4.2	16.3	+ 2.2
21	235	0.5	25.6	+ 0.8; 3.8	19.0	+ 0.8; 4.6	19.7	+ 2.1
22	230	3.6	20.4	+ 0.6; 3.1	14.2	+ 0.7; 4.1	14.4	+ 1.7
23	257	2.8	20.9	+ 0.6; 3.1	14.7	+ 0.7; 4.1	16.2	+ 1.8
24	243	4.5	22.7	+ 0.7; 3.4	16.4	+ 0.7; 4.3	17.1	+ 1.8
25	279	1.2	26.2	+ 0.8; 3.9	19.6	+ 0.8; 4.7	20.5	+ 2.2
26	263	4.3	23.0	+ 0.7; 3.5	16.7	+ 0.7; 4.4	17.7	+ 2.0
27	298	0.4	24.6	+ 0.7; 3.7	18.1	+ 0.8; 4.5	18.9	+ 2.0
28	293	5.8	22.8	+ 0.7; 3.4	16.5	+ 0.7; 4.3	17.2	+ 2.2
29	326	1.9	24.1	+ 0.7; 3.6	17.6	+ 0.8; 4.5	18.1	+ 2.0
30	308	4.8	25.1	+ 0.8; 3.8	18.6	+ 0.8; 4.6	18.0	+ 2.1
31	345	1.3	24.7	+ 0.7; 3.7	18.2	+ 0.8; 4.5	18.7	+ 2.1
32	335	4.2	21.4	+ 0.6; 3.2	15.2	+ 0.7; 4.2	16.0	+ 2.0
33	110	0.8	24.7	+ 0.7; 3.7	18.2	+ 0.8; 4.5	18.8	+ 2.2
39	112	6.0	24.3	+ 0.7; 3.6	17.8	+ 0.8; 4.5	18.6	+ 2.0
40	147	8.0	23.8	+ 0.7; 3.6	17.4	+ 0.7; 4.4	18.8	+ 1.9
41	106	17.0	24.4	+ 0.7; 3.7	17.9	+ 0.8; 4.5	18.1	+ 1.6
42	310	17.0	22.1	+ 0.7; 3.3	15.8	+ 0.7; 4.3	16.2	+ 2.0
43	105	5.2	24.5	+ 0.7; 3.7	18.0	+ 0.8; 4.5	18.6	+ 2.1
44	315	13.0	23.9	+ 0.7; 3.6	17.4	+ 0.7; 4.4	17.9	+ 2.1
45	47	8.9	21.9	+ 0.7; 3.3	15.6	+ 0.7; 4.2	15.9	+ 2.2
46	115	8.3	25.2	+ 0.8; 3.8	18.6	+ 0.8; 4.6	18.4	+ 2.2
47	208	20.0	23.8	+ 0.7; 3.6	17.4	+ 0.7; 4.4	18.7	+ 2.6
48	179	19.0	23.5	+ 0.7; 3.5	17.1	+ 0.7; 4.4	18.4	+ 2.3
49	150	22.0	23.7	+ 0.7; 3.5	17.2	+ 0.7; 4.4	20.0	+ 1.9

Transit Dose = 4.9 +- 0.4; 3.2

ARKANSAS

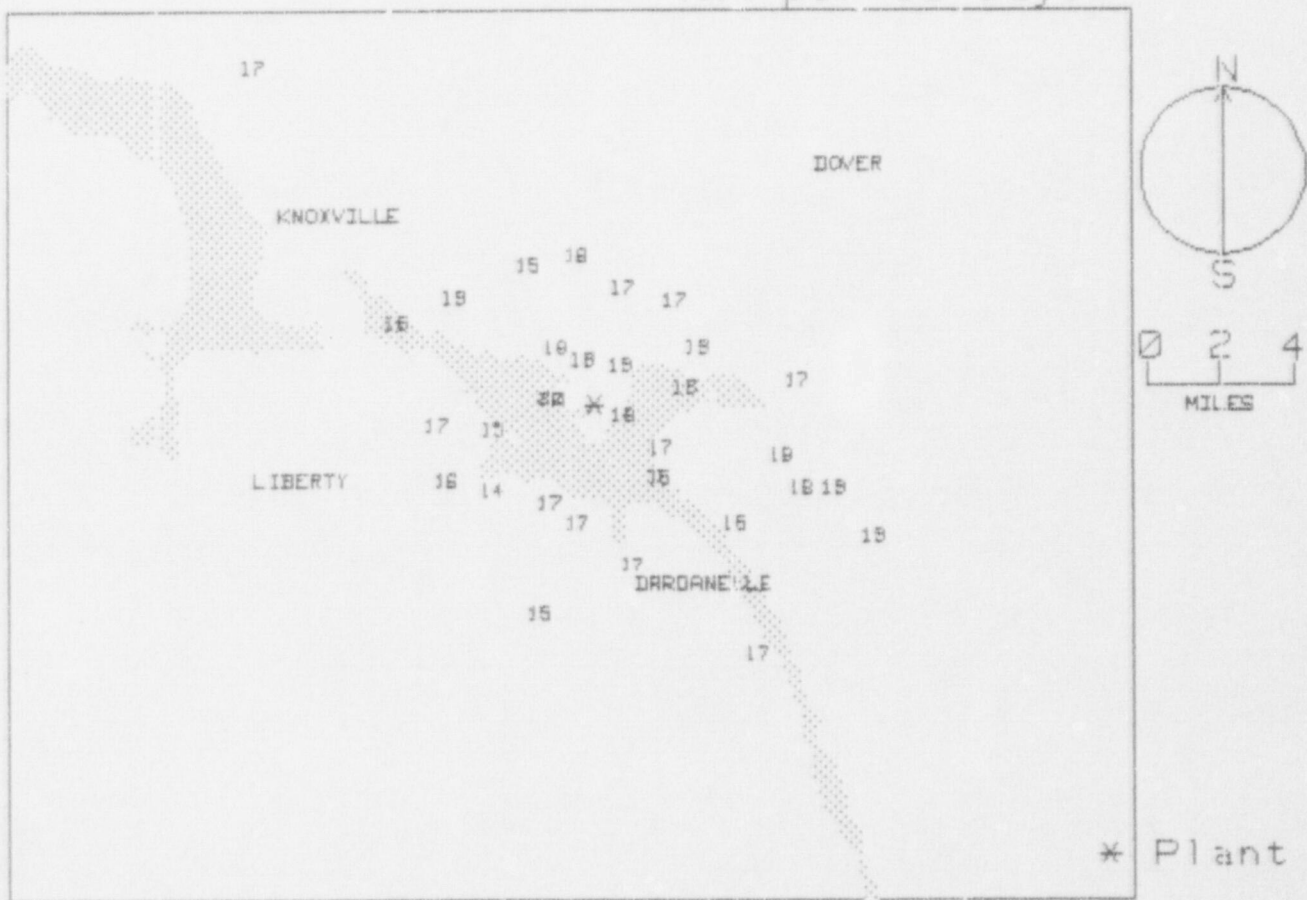
For the period 930322-930729

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 +- 0.1	2
11.26 - 33.75 NNE	17.7 +- 1.5	2
33.76 - 56.25 NE	16.2 +- 0.7	3
56.26 - 78.75 ENE	18.5 +- 0.4	2
78.76 - 101.25 E	18.5 +- 2.0	2
101.26 - 123.75 ESE	18.0 +- 0.7	7
123.76 - 146.25 SE	16.0 +- 0.6	2
146.26 - 168.75 SSE	17.2 +- 0.3	2
168.76 - 191.25 S	16.8 +- 0.2	2
191.26 - 213.75 SSW	15.9 +- 1.2	2
213.76 - 236.25 SW	16.6 +- 3.4	2
236.26 - 258.75 WSW	15.5 +- 1.2	2
258.76 - 281.25 W	18.1 +- 2.1	2
281.26 - 303.75 WNW	17.3 +- 1.2	2
303.76 - 326.25 NW	17.3 +- 1.2	4
326.26 - 348.75 NNW	16.7 +- 2.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 1.1	11
2 - 5	16.6 +- 1.2	17
> 5	17.1 +- 1.2	12
Upwind Control	17.2 +- 0.1	3

NRC TLD DOSES FOR ARKANSAS AREA
(mR per 90 days)



BEAVER VALLEY
 TLD Direct Radiation Environmental Monitoring
 For the period 930321-930730 132 Days
 Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	340	15.8	22.8	+- 0.7; 3.4	17.3	+- 0.7; 4.2	17.1	+- 1.9
2	3	13.1	22.7	+- 0.7; 3.4	17.3	+- 0.7; 4.2	17.4	+- 1.7
4	30	11.9	22.6	+- 0.7; 3.4	17.2	+- 0.7; 4.2	19.8	+- 2.1
5	53	8.2	23.7	+- 0.7; 3.6	18.2	+- 0.7; 4.3	18.6	+- 1.6
6	58	9.1	23.9	+- 0.7; 3.6	18.3	+- 0.7; 4.3	19.4	+- 1.8
7	97	8.0	25.1	+- 0.8; 3.8	19.4	+- 0.8; 4.5	19.6	+- 1.9
8	110	4.2	24.3	+- 0.7; 3.7	18.8	+- 0.7; 4.4	19.2	+- 1.6
9	111	1.9	25.6	+- 0.8; 3.8	19.9	+- 0.8; 4.5	19.9	+- 2.1
10	92	2.2	24.7	+- 0.7; 3.7	19.1	+- 0.7; 4.4	19.4	+- 1.4
11	64	3.6	24.2	+- 0.7; 3.6	18.6	+- 0.7; 4.4	19.8	+- 2.1
12	148	4.0	26.4	+- 0.8; 4.0	20.6	+- 0.8; 4.6	21.0	+- 1.2
13	171	4.4	23.9	+- 0.7; 3.6	18.4	+- 0.7; 4.4	18.7	+- 1.7
14	183	4.4	23.3	+- 0.7; 3.5	17.9	+- 0.7; 4.3	18.4	+- 1.5
15	198	3.6	22.9	+- 0.7; 3.4	17.4	+- 0.7; 4.2	18.9	+- 1.7
16	254	5.7	23.5	+- 0.7; 3.5	18.0	+- 0.7; 4.3	18.4	+- 1.5
17	267	6.5	23.4	+- 0.7; 3.5	17.9	+- 0.7; 4.3	17.9	+- 1.7
18	231	2.5	22.5	+- 0.7; 3.4	17.1	+- 0.7; 4.2	18.8	+- 1.6
19	266	2.5	25.3	+- 0.8; 3.8	19.6	+- 0.8; 4.5	20.3	+- 1.6
20	291	3.8	20.8	+- 0.6; 3.1	15.5	+- 0.7; 4.0	17.2	+- 2.1
21	298	2.4	25.9	+- 0.8; 3.9	20.2	+- 0.8; 4.6	20.9	+- 1.8
22	219	1.5	22.8	+- 0.7; 3.4	17.3	+- 0.7; 4.2	17.8	+- 1.2
23	252	2.4	25.0	+- 0.7; 3.7	19.4	+- 0.8; 4.5	21.2	+- 2.4
24	207	2.2	24.4	+- 0.7; 3.7	18.8	+- 0.7; 4.4	19.7	+- 1.7
25	187	2.2	26.4	+- 0.8; 4.0	20.6	+- 0.8; 4.6	20.1	+- 1.7
26	158	2.2	23.4	+- 0.7; 3.5	17.9	+- 0.7; 4.3	19.2	+- 1.7
27	135	1.9	25.0	+- 0.7; 3.7	19.4	+- 0.8; 4.5	19.9	+- 1.4
28	99	1.4	25.8	+- 0.8; 3.9	20.1	+- 0.8; 4.5	20.4	+- 1.9
29	64	1.4	23.4	+- 0.7; 3.5	17.9	+- 0.7; 4.3	18.6	+- 1.8
30	53	1.0	23.2	+- 0.7; 3.5	17.8	+- 0.7; 4.3	19.1	+- 1.7
31	320	1.4	26.3	+- 0.8; 4.0	20.6	+- 0.8; 4.6	21.3	+- 2.0
32	320	3.5	23.1	+- 0.7; 3.5	17.6	+- 0.7; 4.3	19.1	+- 1.8
33	335	2.5	23.5	+- 0.7; 3.5	18.0	+- 0.7; 4.3	19.2	+- 1.8
34	340	5.2	19.5	+- 0.6; 2.9	14.3	+- 0.6; 3.9	17.3	+- 2.1
35	4	3.5	25.4	+- 0.8; 3.8	19.7	+- 0.8; 4.5	19.8	+- 1.9
36	23	3.2	26.1	+- 0.8; 3.9	20.3	+- 0.8; 4.6	22.0	+- 1.8
37	42	2.8	21.0	+- 0.6; 3.2	15.3	+- 0.7; 4.1	16.7	+- 1.2
38	27	1.6	21.5	+- 0.6; 3.2	16.7	+- 0.7; 4.1	17.9	+- 2.0
39	348	1.6	23.6	+- 0.7; 3.5	18.1	+- 0.7; 4.3	19.1	+- 1.8
40	340	15.8	20.2	+- 0.6; 3.0	15.0	+- 0.6; 4.0	16.5	+- 1.8
41	340	15.8	21.6	+- 0.6; 3.2	16.2	+- 0.7; 4.1	16.9	+- 1.6

Transit Dose = 3.7 +- 0.4; 3.2

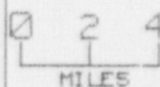
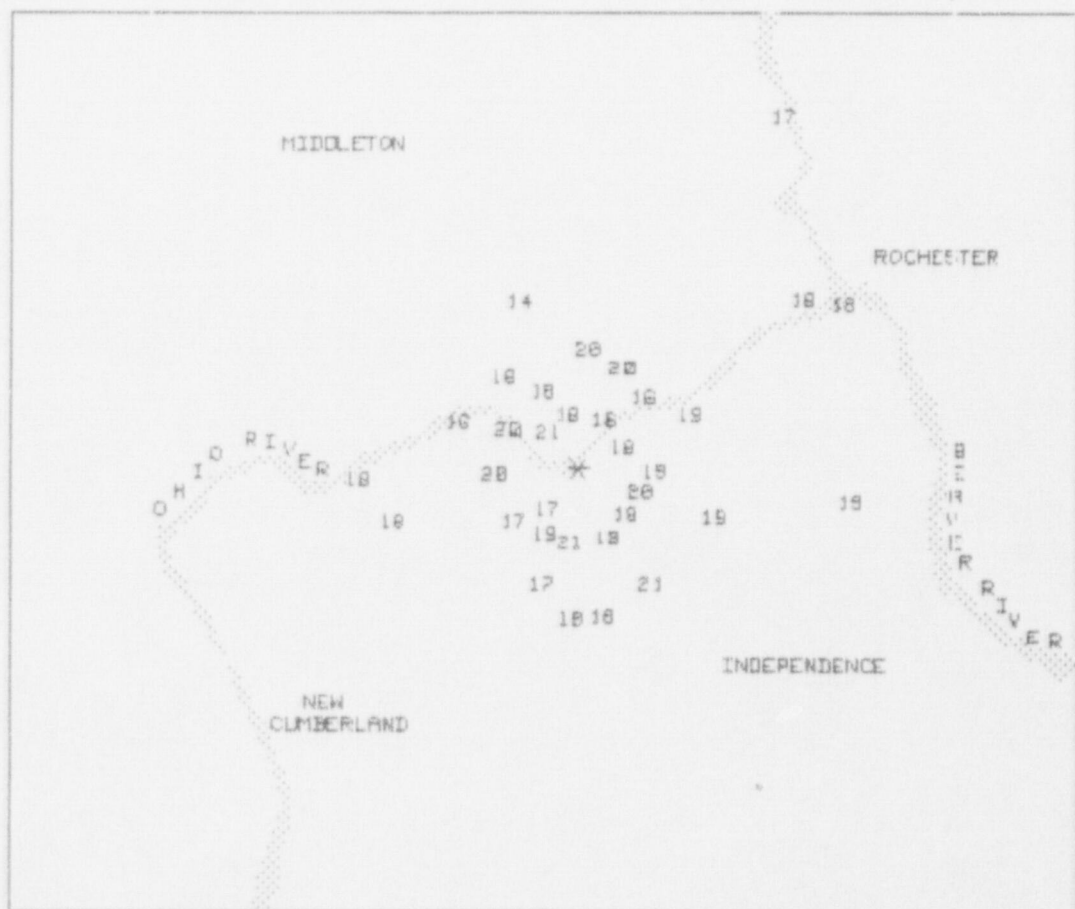
BEAVER VALLEY
For the period 930321-930730

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.5 +- 1.7	2
11.26 - 33.75 NNE	17.9 +- 2.2	3
33.76 - 56.25 NE	17.2 +- 1.3	3
56.26 - 78.75 ENE	18.3 +- 0.4	3
78.76 - 101.25 E	19.5 +- 0.5	3
101.26 - 123.75 ESE	19.3 +- 0.8	2
123.76 - 146.25 SE	19.4 +- 0.0	1
146.26 - 168.75 SSE	19.3 +- 1.9	2
168.76 - 191.25 S	18.9 +- 1.5	3
191.26 - 213.75 SSW	18.1 +- 1.0	2
213.76 - 236.25 SW	17.2 +- 0.2	2
236.26 - 258.75 WSW	18.7 +- 1.0	2
258.76 - 281.25 W	18.8 +- 1.2	2
281.26 - 303.75 WNW	17.8 +- 3.3	2
303.76 - 326.25 NW	19.1 +- 2.1	2
326.26 - 348.75 NNW	16.8 +- 2.2	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.6 +- 1.5	9
2 - 5	18.6 +- 1.5	20
> 5	17.6 +- 1.5	8
Upwind Control	16.2 +- 1.1	3

NRC TLD DOSES FOR BEAVER VALLEY AREA (mR per 90 days)



* Plant

BIG ROCK
 TLD Direct Radiation Environmental Monitoring
 For the period 930322-930728 129 Days
 Field Time: 100 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)			Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.			+-1 Std Dev	
1	208	4.9	18.6	+- 0.6; 2.8	13.6	+- 0.6; 3.8	13.8	+- 1.7	
2	220	3.6	17.8	+- 0.5; 2.7	12.9	+- 0.6; 3.7	12.7	+- 2.0	
3	204	2.4	17.4	+- 0.5; 2.6	12.6	+- 0.6; 3.7	13.0	+- 2.2	
4	176	3.3	17.5	+- 0.5; 2.6	12.6	+- 0.6; 3.7	12.7	+- 1.9	
5	161	4.6	17.4	+- 0.5; 2.6	12.5	+- 0.6; 3.7	13.3	+- 2.0	
6	133	4.7	20.1	+- 0.6; 3.0	14.9	+- 0.6; 3.9	14.4	+- 1.9	
7	116	3.7	21.0	+- 0.6; 3.1	15.7	+- 0.6; 4.0	15.0	+- 2.0	
8	111	4.7	21.7	+- 0.6; 3.2	16.4	+- 0.7; 4.1	14.7	+- 2.4	
9	98	4.5	18.5	+- 0.6; 2.8	13.5	+- 0.6; 3.8	13.3	+- 1.8	
10	88	12.0	17.6	+- 0.5; 2.6	12.7	+- 0.6; 3.7	12.7	+- 1.8	
11	83	16.0	16.0	+- 0.5; 2.4	11.2	+- 0.5; 3.6	13.4	+- 2.3	
12	83	16.0	15.9	+- 0.5; 2.4	11.1	+- 0.5; 3.6	12.9	+- 2.0	
13	83	16.0	16.7	+- 0.5; 2.5	11.9	+- 0.6; 3.6	12.8	+- 1.8	
14	77	3.4	16.4	+- 0.5; 2.5	11.6	+- 0.5; 3.6	12.1	+- 1.8	
15	96	1.8	19.2	+- 0.6; 2.9	14.1	+- 0.6; 3.9	14.1	+- 2.0	
16	118	2.0	18.7	+- 0.6; 2.8	13.7	+- 0.6; 3.8	13.9	+- 2.2	
17	134	2.0	18.4	+- 0.6; 2.8	13.5	+- 0.6; 3.8	13.6	+- 1.7	
18	222	1.9	15.8	+- 0.5; 2.4	11.1	+- 0.5; 3.6	12.4	+- 2.1	
19	194	1.4	20.8	+- 0.6; 3.1	15.5	+- 0.6; 4.0	15.1	+- 2.0	
20	179	1.5	18.4	+- 0.6; 2.8	13.5	+- 0.6; 3.8	13.4	+- 1.8	
21	153	1.1	18.4	+- 0.6; 2.8	13.4	+- 0.6; 3.8	13.1	+- 1.7	

Transit Dose = 3.5 +- 0.4; 3.2

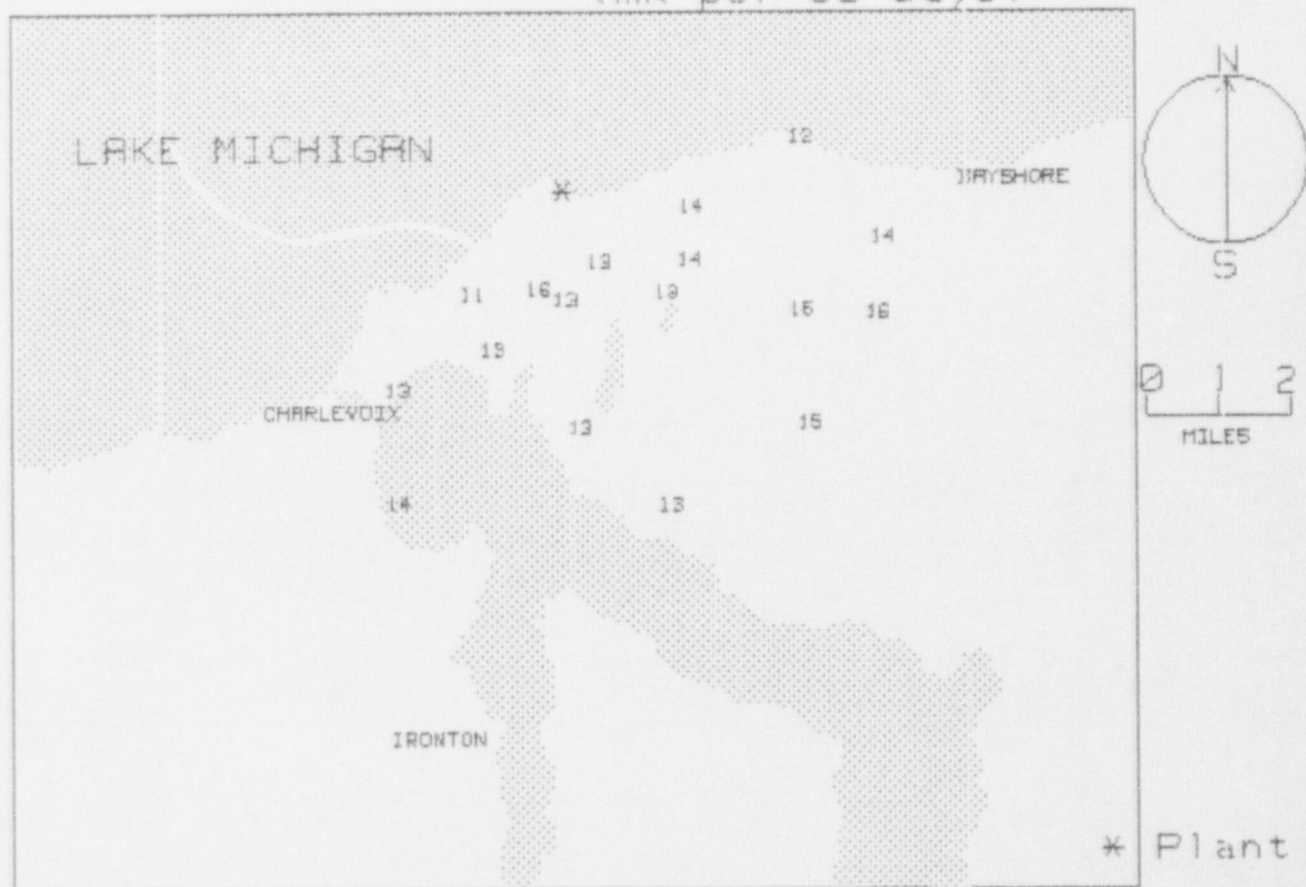
BIG ROCK
For the period 930322-930728

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	11.6 +- 0.0	1
78.76 - 101.25 E	13.4 +- 0.7	3
101.26 - 123.75 ESE	15.3 +- 1.4	3
123.76 - 146.25 SE	14.2 +- 1.1	2
146.26 - 168.75 SSE	13.0 +- 0.6	2
168.76 - 191.25 S	13.0 +- 0.6	2
191.26 - 213.75 SSW	13.9 +- 1.5	3
213.76 - 236.25 SW	12.0 +- 1.3	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	13.5 +- 1.3	7
2 - 5	13.6 +- 1.6	10
> 5	12.7 +- 0.0	1
Upwind Control	11.4 +- 0.4	3

NRC TLD DOSES FOR BIG ROCK POINT AREA
(mR per 90 days)



BRAIDWOOD

TLD Direct Radiation Environmental Monitoring

For the period 930322-930723 124 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
	Azimuth/Dist (Deg)/(Mi)						
1	28	0.8	16.3 +- 0.5; 2.4	10.3 +- 0.6; 3.9	14.7 +- 4.6		
2	29	1.3	20.3 +- 0.6; 3.0	14.2 +- 0.7; 4.2	15.5 +- 3.5		
3	53	2.0	15.5 +- 0.5; 2.3	9.6 +- 0.6; 3.8	13.3 +- 3.7		
4	72	2.1	20.2 +- 0.6; 3.0	14.1 +- 0.7; 4.2	15.6 +- 3.5		
5	87	2.0	18.8 +- 0.6; 2.8	12.8 +- 0.7; 4.1	15.2 +- 3.6		
6	119	2.5	16.0 +- 0.5; 2.4	10.1 +- 0.6; 3.8	14.8 +- 4.5		
7	133	3.3	19.8 +- 0.6; 3.0	13.8 +- 0.7; 4.2	15.7 +- 3.5		
8	151	3.3	19.2 +- 0.6; 2.9	13.2 +- 0.7; 4.1	14.5 +- 3.2		
9	172	3.9	Missing Dosimeter	No Net Data	19.4 +- 5.2		
10	197	2.8	20.3 +- 0.6; 3.0	14.3 +- 0.7; 4.3	15.7 +- 3.9		
11	212	1.4	18.2 +- 0.5; 2.7	12.2 +- 0.7; 4.0	14.6 +- 3.3		
12	232	1.0	18.2 +- 0.5; 2.7	12.2 +- 0.7; 4.0	14.2 +- 3.7		
13	255	1.0	19.2 +- 0.6; 2.9	13.2 +- 0.7; 4.1	14.6 +- 3.4		
14	278	1.2	19.9 +- 0.6; 3.0	13.8 +- 0.7; 4.2	15.1 +- 3.2		
15	310	1.3	19.1 +- 0.6; 2.9	13.1 +- 0.7; 4.1	15.2 +- 3.4		
16	342	1.3	15.8 +- 0.5; 2.4	9.9 +- 0.6; 3.8	13.0 +- 3.6		
17	8	1.5	20.4 +- 0.6; 3.1	14.4 +- 0.7; 4.3	15.2 +- 3.7		
18	18	3.5	20.1 +- 0.6; 3.0	14.1 +- 0.7; 4.2	18.7 +- 4.5		
19	42	6.3	16.9 +- 0.5; 2.5	10.9 +- 0.6; 3.9	14.3 +- 3.9		
20	69	5.7	20.0 +- 0.6; 3.0	14.0 +- 0.7; 4.2	16.5 +- 3.5		
21	86	7.0	22.1 +- 0.7; 3.3	16.0 +- 0.7; 4.4	17.5 +- 3.7		
22	103	11.4	17.8 +- 0.5; 2.7	11.8 +- 0.6; 4.0	16.5 +- 4.4		
23	45	4.9	20.6 +- 0.6; 3.1	14.6 +- 0.7; 4.3	16.1 +- 3.6		
24	70	4.2	19.4 +- 0.6; 2.9	13.3 +- 0.7; 4.2	15.1 +- 3.7		
25	86	4.1	15.2 +- 0.5; 2.3	9.4 +- 0.6; 3.8	13.6 +- 3.4		
26	125	5.0	16.4 +- 0.5; 2.5	10.5 +- 0.6; 3.9	14.4 +- 5.0		
27	142	7.2	21.2 +- 0.6; 3.2	15.1 +- 0.7; 4.3	17.7 +- 3.9		
28	161	6.1	20.6 +- 0.6; 3.1	14.5 +- 0.7; 4.3	15.4 +- 3.6		
29	180	5.9	Missing Dosimeter	No Net Data	19.6 +- 4.4		
30	187	5.8	24.5 +- 0.7; 3.7	18.3 +- 0.8; 4.7	20.7 +- 4.0		
31	225	5.4	22.8 +- 0.7; 3.4	16.7 +- 0.8; 4.5	18.1 +- 3.6		
32	253	4.0	20.4 +- 0.6; 3.1	14.3 +- 0.7; 4.3	15.8 +- 3.6		
33	289	4.1	20.8 +- 0.6; 3.1	14.8 +- 0.7; 4.3	17.3 +- 4.0		
34	315	4.0	20.7 +- 0.6; 3.1	14.6 +- 0.7; 4.3	16.7 +- 3.7		
35	333	4.0	16.2 +- 0.5; 2.4	10.3 +- 0.6; 3.9	16.0 +- 4.0		
36	0	5.5	20.1 +- 0.6; 3.0	14.0 +- 0.7; 4.2	15.6 +- 3.9		
37	21	5.0	14.5 +- 0.4; 2.2	8.6 +- 0.6; 3.7	13.1 +- 4.3		
38	224	14.7	18.5 +- 0.6; 2.8	12.6 +- 0.7; 4.1	14.9 +- 4.1		
39	224	14.7	Damaged Dosimeter	No Net Data	14.6 +- 3.5		
40	187	10.3	23.6 +- 0.7; 3.5	17.5 +- 0.8; 4.6	18.6 +- 4.1		

Transit Dose = 5.6 +- 0.4; 3.2

BRAIDWOOD
For the period 930322-930723

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 +- 0.2	2
11.26 - 33.75 NNE	11.8 +- 2.8	4
33.76 - 56.25 NE	11.7 +- 2.6	3
56.26 - 78.75 ENE	13.8 +- 0.4	3
78.76 - 101.25 E	12.7 +- 3.3	3
101.26 - 123.75 ESE	11.0 +- 1.2	2
123.76 - 146.25 SE	13.2 +- 2.4	3
146.26 - 168.75 SSE	13.8 +- 1.0	2
168.76 - 191.25 S	18.3 +- 0.0	1
191.26 - 213.75 SSW	13.2 +- 1.5	2
213.76 - 236.25 SW	13.8 +- 2.5	3
236.26 - 258.75 WSW	13.8 +- 0.8	2
258.76 - 281.25 W	13.8 +- 0.0	1
281.26 - 303.75 WNW	14.8 +- 0.0	1
303.76 - 326.25 NW	13.8 +- 1.1	2
326.26 - 348.75 NNW	10.1 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.3 +- 1.7	11
2 - 5	12.7 +- 2.2	15
> 5	14.4 +- 2.3	10
Upwind Control	17.5 +- 0.0	1

MAP FOR BRAIDWOOD

Map will be provided for this site in the future.

BROWNS FERRY
 TLD Direct Radiation Environmental Monitoring
 For the period 930324-930722 121 Days
 Field Time: 98 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	130	9.0	16.2	+- 0.5; 2.4	9.3	+- 0.6; 3.8	14.4	+- 1.6
2	133	5.5	19.4	+- 0.6; 2.9	12.3	+- 0.7; 4.1	15.1	+- 2.0
3	153	4.3	16.7	+- 0.5; 2.5	9.8	+- 0.6; 3.8	14.8	+- 1.9
4	210	5.8	19.4	+- 0.6; 2.9	12.3	+- 0.7; 4.1	17.8	+- 2.0
5	220	6.0	16.9	+- 0.5; 2.5	10.0	+- 0.6; 3.9	15.2	+- 1.8
6	245	4.5	21.1	+- 0.6; 3.2	13.8	+- 0.7; 4.2	18.6	+- 2.1
7	269	1.9	19.2	+- 0.6; 2.9	12.1	+- 0.7; 4.1	16.5	+- 1.9
8	257	11.0	18.0	+- 0.5; 2.7	11.0	+- 0.6; 4.0	15.7	+- 1.8
9	295	7.0	18.4	+- 0.6; 2.8	11.4	+- 0.6; 4.0	16.6	+- 2.2
10	292	4.5	18.7	+- 0.6; 2.8	11.7	+- 0.6; 4.0	16.6	+- 1.9
11	269	1.9	19.4	+- 0.6; 2.9	12.3	+- 0.7; 4.1	16.8	+- 1.9
12	240	2.6	17.9	+- 0.5; 2.7	10.9	+- 0.6; 3.9	15.7	+- 2.0
13	220	1.7	23.7	+- 0.7; 3.5	16.2	+- 0.8; 4.5	18.9	+- 2.7
14	268	17.0	18.5	+- 0.6; 2.8	11.5	+- 0.6; 4.0	17.4	+- 1.9
15	201	3.0	20.0	+- 0.6; 3.0	12.9	+- 0.7; 4.1	17.3	+- 1.9
16	181	3.0	16.9	+- 0.5; 2.5	10.0	+- 0.6; 3.9	16.1	+- 2.0
17	50	9.5	18.9	+- 0.6; 2.8	11.8	+- 0.7; 4.0	17.5	+- 1.8
18	51	3.5	Missing Dosimeter		No Net Data		15.7	+- 1.7
19	62	3.2	18.2	+- 0.5; 2.7	11.2	+- 0.6; 4.0	16.4	+- 2.0
20	86	2.8	21.0	+- 0.6; 3.2	13.8	+- 0.7; 4.2	18.7	+- 2.0
21	111	3.1	21.5	+- 0.6; 3.2	14.2	+- 0.7; 4.3	19.4	+- 2.1
22	64	1.1	22.3	+- 0.7; 3.3	14.9	+- 0.7; 4.3	20.0	+- 2.0
23	90	26.0	17.9	+- 0.5; 2.7	10.9	+- 0.6; 3.9	17.0	+- 2.1
24	111	0.8	20.0	+- 0.6; 3.0	12.8	+- 0.7; 4.1	18.0	+- 1.8
25	46	2.2	19.3	+- 0.6; 2.9	12.2	+- 0.7; 4.1	18.1	+- 2.0
26	26	1.7	22.8	+- 0.7; 3.4	15.4	+- 0.7; 4.4	19.7	+- 2.3
27	333	1.7	18.3	+- 0.5; 2.7	11.3	+- 0.6; 4.0	16.7	+- 1.8
28	335	1.0	19.2	+- 0.6; 2.9	12.1	+- 0.7; 4.1	18.4	+- 2.3
29	27	3.8	19.8	+- 0.6; 3.0	12.6	+- 0.7; 4.1	18.0	+- 1.9
30	0	4.0	16.9	+- 0.5; 2.5	10.0	+- 0.6; 3.9	15.3	+- 1.7
31	340	5.3	20.3	+- 0.6; 3.0	13.1	+- 0.7; 4.2	18.4	+- 1.9
32	312	12.0	19.8	+- 0.6; 3.0	12.7	+- 0.7; 4.1	18.0	+- 2.3
33	0	1.5	21.9	+- 0.7; 3.3	14.5	+- 0.7; 4.3	19.3	+- 2.0
34	52	7.0	17.4	+- 0.5; 2.6	10.4	+- 0.6; 3.9	16.6	+- 2.2
35	95	5.4	19.2	+- 0.6; 2.9	12.1	+- 0.7; 4.1	17.1	+- 2.0
36	68	5.6	20.0	+- 0.6; 3.0	12.8	+- 0.7; 4.1	18.1	+- 2.1
37	149	7.8	20.2	+- 0.6; 3.0	13.0	+- 0.7; 4.1	16.4	+- 1.9
38	164	7.0	15.6	+- 0.5; 2.3	8.8	+- 0.6; 3.8	14.0	+- 1.9

Transit Dose = 6.0 +- 0.4; 3.3

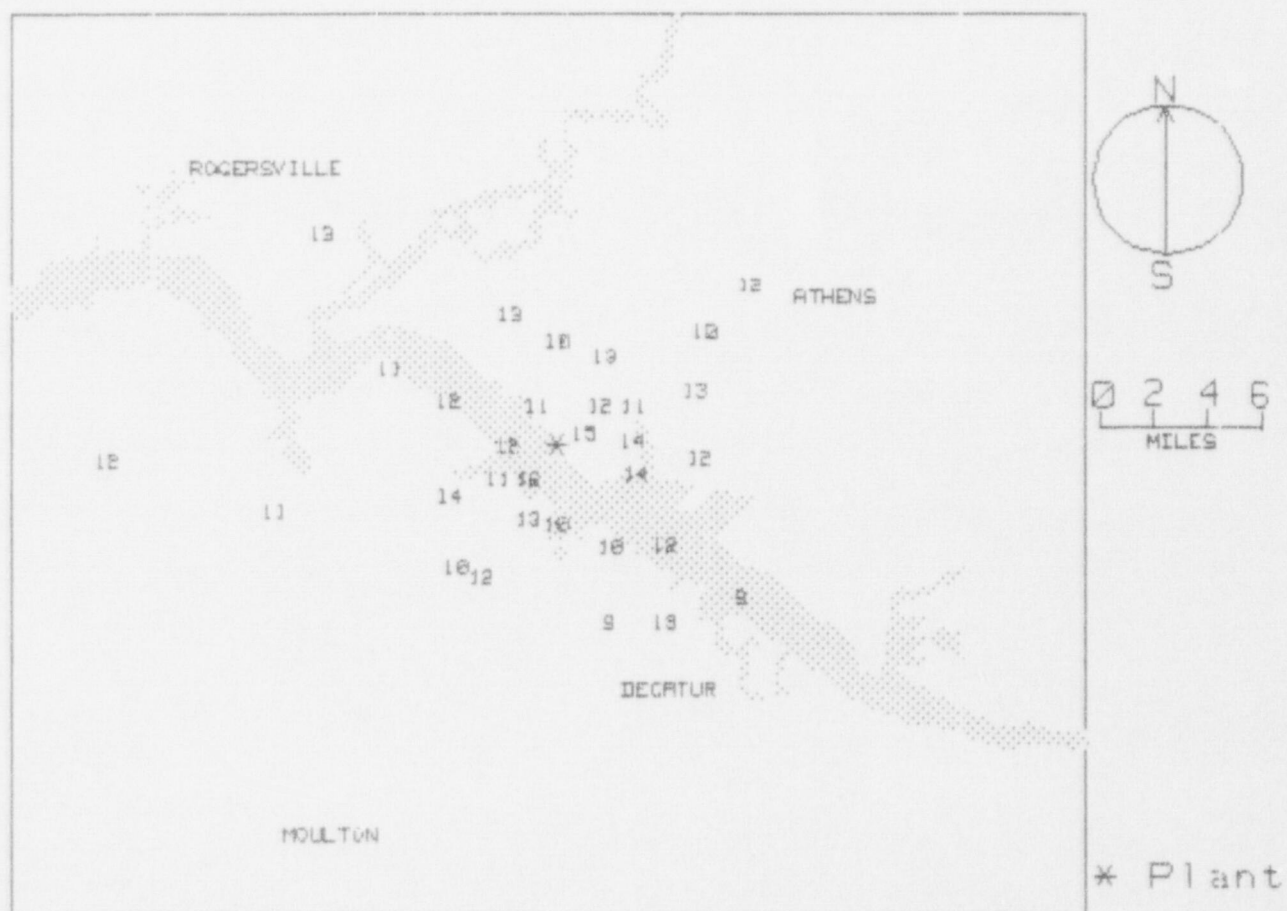
BROWNS FERRY
For the period 930324-930722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.3 +- 3.2	2
11.26 - 33.75 NNE	14.0 +- 2.0	2
33.76 - 56.25 NE	11.5 +- 0.9	3
56.26 - 78.75 ENE	13.0 +- 1.9	3
78.76 - 101.25 E	12.3 +- 1.4	3
101.26 - 123.75 ESE	13.5 +- 1.0	2
123.76 - 146.25 SE	10.8 +- 2.1	2
146.26 - 168.75 SSE	10.5 +- 2.2	3
168.76 - 191.25 S	10.0 +- 0.0	1
191.26 - 213.75 SSW	12.6 +- 0.4	2
213.76 - 236.25 SW	13.1 +- 4.4	2
236.26 - 258.75 WSW	12.4 +- 2.1	2
258.76 - 281.25 W	12.2 +- 0.1	2
281.26 - 303.75 WNW	11.5 +- 0.2	2
303.76 - 326.25 NW	12.7 +- 0.0	1
326.26 - 348.75 NNW	12.2 +- 0.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.5 +- 1.8	9
2 - 5	11.9 +- 1.6	12
> 5	11.5 +- 1.4	14
Upwind Control	11.3 +- 0.3	2

NRC TLD DOSES FOR BROWNS FERRY AREA
(mR per 90 days)



BRUNSWICK

TLD Direct Radiation Environmental Monitoring

For the period 930324-930722 121 Days

Field Time: 94 Days

NRC Sta	Location		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
	Azimuth/Dist (Deg)/(Mi)						
1	260	2.2	11.9 +- 0.4; 1.8	7.3 +- 0.5; 3.4	10.6 +- 1.4		
2	245	3.4	13.1 +- 0.4; 2.0	8.4 +- 0.5; 3.5	10.6 +- 1.4		
3	231	3.8	11.8 +- 0.4; 1.8	7.2 +- 0.5; 3.4	10.3 +- 1.3		
4	210	4.9	14.4 +- 0.4; 2.2	9.6 +- 0.5; 3.6	13.0 +- 1.5		
5	186	4.3	14.3 +- 0.4; 2.2	9.6 +- 0.5; 3.6	12.7 +- 1.6		
6	270	4.5	12.8 +- 0.4; 1.9	8.1 +- 0.5; 3.5	10.6 +- 1.2		
7	272	4.4	12.7 +- 0.4; 1.9	8.0 +- 0.5; 3.5	11.4 +- 1.3		
8	73	1.3	14.0 +- 0.4; 2.1	9.2 +- 0.5; 3.6	12.7 +- 1.4		
9	97	1.0	Missing Dosimeter	No Net Data	12.4 +- 1.4		
10	120	1.5	14.7 +- 0.4; 2.2	9.9 +- 0.5; 3.6	12.6 +- 1.3		
11	131	0.9	14.5 +- 0.4; 2.2	9.7 +- 0.5; 3.6	12.3 +- 1.3		
12	156	1.1	14.7 +- 0.4; 2.2	9.9 +- 0.5; 3.6	12.9 +- 1.4		
13	180	1.1	13.4 +- 0.4; 2.0	8.7 +- 0.5; 3.5	12.0 +- 1.2		
14	194	2.4	11.8 +- 0.4; 1.8	7.1 +- 0.5; 3.4	11.8 +- 1.4		
15	201	2.0	12.6 +- 0.4; 1.9	7.9 +- 0.5; 3.5	11.4 +- 1.3		
16	218	1.2	Missing Dosimeter	No Net Data	12.6 +- 1.5		
17	252	1.1	13.8 +- 0.4; 2.1	9.0 +- 0.5; 3.6	12.4 +- 1.3		
18	272	1.2	Missing Dosimeter	No Net Data	12.1 +- 1.6		
19	19	1.1	13.4 +- 0.4; 2.0	8.7 +- 0.5; 3.5	11.5 +- 1.4		
20	2	1.1	11.8 +- 0.4; 1.8	7.1 +- 0.5; 3.4	11.3 +- 1.6		
21	288	1.3	12.8 +- 0.4; 1.9	8.1 +- 0.5; 3.5	10.8 +- 1.8		
22	307	1.5	12.1 +- 0.4; 1.8	7.4 +- 0.5; 3.4	11.0 +- 1.3		
23	338	2.1	14.2 +- 0.4; 2.1	9.4 +- 0.5; 3.6	12.0 +- 1.4		
24	325	4.9	13.0 +- 0.4; 1.9	8.3 +- 0.5; 3.5	10.9 +- 1.2		
25	338	3.8	14.2 +- 0.4; 2.1	9.4 +- 0.5; 3.6	12.0 +- 1.4		
26	356	5.2	12.9 +- 0.4; 1.9	8.2 +- 0.5; 3.5	11.1 +- 1.3		
27	30	6.4	13.0 +- 0.4; 1.9	8.3 +- 0.5; 3.5	10.8 +- 1.5		
28	43	9.0	12.8 +- 0.4; 1.9	8.0 +- 0.5; 3.5	12.4 +- 1.8		
29	50	8.5	12.5 +- 0.4; 1.9	7.8 +- 0.5; 3.5	11.8 +- 1.6		
30	59	7.2	14.0 +- 0.4; 2.1	9.2 +- 0.5; 3.6	12.1 +- 1.5		
31	65	6.5	14.0 +- 0.4; 2.1	9.2 +- 0.5; 3.6	12.0 +- 1.3		
32	74	5.8	14.1 +- 0.4; 2.1	9.3 +- 0.5; 3.6	12.8 +- 1.8		
33	88	4.1	11.6 +- 0.3; 1.7	7.0 +- 0.5; 3.4	11.3 +- 1.6		
34	12	17.0	14.5 +- 0.4; 2.2	9.7 +- 0.5; 3.6	12.5 +- 1.3		
35	16	18.0	13.1 +- 0.4; 2.0	8.4 +- 0.5; 3.5	11.1 +- 1.4		
36	284	15.0	14.7 +- 0.4; 2.2	9.9 +- 0.5; 3.6	12.5 +- 2.0		
37	284	16.0	13.0 +- 0.4; 1.9	8.2 +- 0.5; 3.5	13.2 +- 1.5		
38	284	15.0	14.1 +- 0.4; 2.1	9.4 +- 0.5; 3.6	12.2 +- 1.4		
39	287	4.6	Missing Dosimeter	No Net Data	11.1 +- 1.4		
40	271	0.7	15.1 +- 0.5; 2.3	10.3 +- 0.6; 3.7	13.3 +- 1.5		

Transit Dose = 4.4 +- 0.4; 3.1

BRUNSWICK

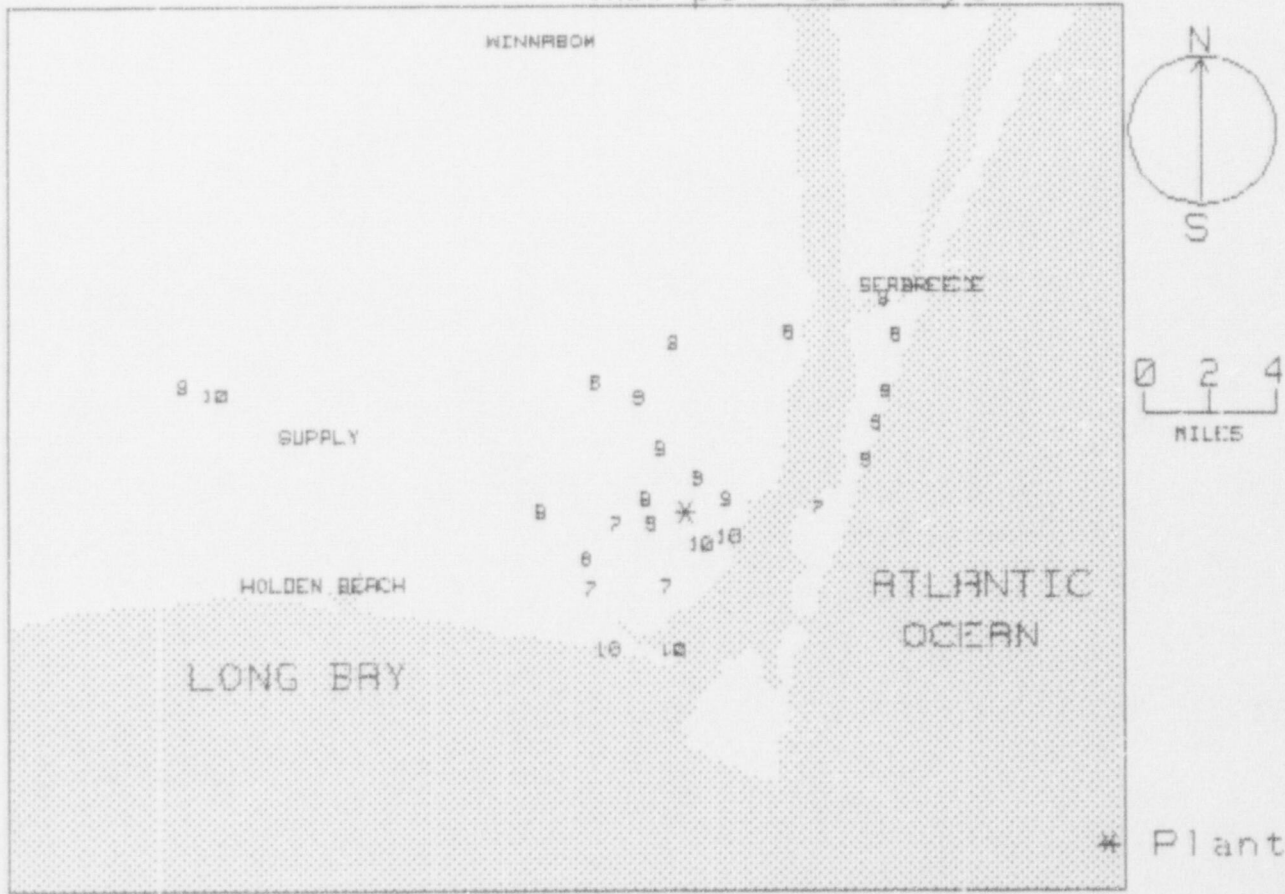
For the period 930324-930722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	7.7 +- 0.8	2
11.26 - 33.75 NNE	8.8 +- 0.6	4
33.76 - 56.25 NE	7.9 +- 0.2	2
56.26 - 78.75 ENE	9.3 +- 0.1	4
78.76 - 101.25 E	7.0 +- 0.0	1
101.26 - 123.75 ESE	9.9 +- 0.0	1
123.76 - 146.25 SE	9.7 +- 0.0	1
146.26 - 168.75 SSE	9.9 +- 0.0	1
168.76 - 191.25 S	9.1 +- 0.6	2
191.26 - 213.75 SSW	8.2 +- 1.3	3
213.76 - 236.25 SW	7.2 +- 0.0	1
236.26 - 258.75 WSW	8.7 +- 0.4	2
258.76 - 281.25 W	8.4 +- 1.3	4
281.26 - 303.75 WNW	8.1 +- 0.0	1
303.76 - 326.25 NW	7.8 +- 0.6	2
326.26 - 348.75 NNW	9.4 +- 0.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	8.8 +- 1.0	12
2 - 5	8.3 +- 1.0	12
> 5	8.7 +- 0.7	9
Upwind Control	9.2 +- 0.9	3

NRC TLD DOSES FOR BRUNSWICK AREA
 (mR per 90 days)



BYRON

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 Days

Field Time: 101 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	10	1.1	23.3 +- 0.7; 3.5	18.9 +- 0.7; 4.2	19.0 +- 2.0
2	27	1.0	22.7 +- 0.7; 3.4	18.4 +- 0.7; 4.1	18.6 +- 2.0
3	53	1.6	21.4 +- 0.6; 3.2	17.3 +- 0.6; 4.0	17.3 +- 1.8
4	68	1.6	25.4 +- 0.8; 3.8	20.9 +- 0.7; 4.4	20.2 +- 2.3
5	97	1.4	25.6 +- 0.8; 3.8	21.0 +- 0.7; 4.4	20.8 +- 2.0
6	120	1.3	24.3 +- 0.7; 3.6	19.8 +- 0.7; 4.3	18.7 +- 1.8
7	146	1.4	29.3 +- 0.9; 4.4	24.3 +- 0.8; 4.8	19.8 +- 2.5
8	175	2.2	24.0 +- 0.7; 3.6	19.6 +- 0.7; 4.2	18.7 +- 1.7
9	177	0.6	19.7 +- 0.6; 3.0	15.8 +- 0.6; 3.8	16.1 +- 1.7
10	183	0.5	Damaged Dosimeter	No Net Data	18.5 +- 2.2
11	193	0.6	23.3 +- 0.7; 3.5	19.0 +- 0.7; 4.2	17.7 +- 2.1
12	220	0.9	21.7 +- 0.7; 3.3	17.5 +- 0.6; 4.0	18.2 +- 1.8
13	239	0.8	20.9 +- 0.6; 3.1	16.8 +- 0.6; 3.9	17.6 +- 1.6
14	262	0.7	24.0 +- 0.7; 3.6	19.6 +- 0.7; 4.2	18.9 +- 2.2
15	283	0.8	23.0 +- 0.7; 3.4	18.6 +- 0.7; 4.1	18.0 +- 2.0
16	303	1.0	20.5 +- 0.6; 3.1	16.4 +- 0.6; 3.9	16.6 +- 1.9
17	326	1.6	21.6 +- 0.6; 3.2	17.4 +- 0.6; 4.0	16.3 +- 2.2
18	23	4.0	19.5 +- 0.6; 2.9	15.5 +- 0.6; 3.8	15.7 +- 1.6
19	17	4.1	17.6 +- 0.5; 2.6	13.9 +- 0.5; 3.6	14.3 +- 1.4
20	5	4.3	21.0 +- 0.6; 3.2	16.9 +- 0.6; 3.9	17.1 +- 2.0
21	340	4.2	19.2 +- 0.6; 2.9	15.3 +- 0.6; 3.8	18.7 +- 2.2
22	322	4.9	24.2 +- 0.7; 3.6	19.8 +- 0.7; 4.3	18.7 +- 2.6
23	298	6.9	19.8 +- 0.6; 3.0	15.8 +- 0.6; 3.8	15.7 +- 1.5
24	262	4.8	19.5 +- 0.6; 2.9	15.5 +- 0.6; 3.8	15.8 +- 1.6
25	244	4.6	20.4 +- 0.6; 3.1	16.4 +- 0.6; 3.9	15.7 +- 1.5
26	224	4.8	19.3 +- 0.6; 2.9	15.4 +- 0.6; 3.8	16.3 +- 2.0
27	208	5.2	Missing Dosimeter	No Net Data	14.7 +- 1.4
28	209	14.0	18.7 +- 0.6; 2.8	14.9 +- 0.6; 3.7	14.2 +- 1.3
29	215	13.0	20.6 +- 0.6; 3.1	16.5 +- 0.6; 3.9	17.3 +- 1.8
30	215	13.0	22.1 +- 0.7; 3.3	17.9 +- 0.7; 4.0	18.3 +- 2.0
31	204	4.6	17.2 +- 0.5; 2.6	13.5 +- 0.5; 3.6	13.4 +- 1.5
32	178	4.4	Missing Dosimeter	No Net Data	16.0 +- 1.4
33	155	3.9	21.5 +- 0.6; 3.2	17.3 +- 0.6; 4.0	17.7 +- 1.8
34	138	4.6	21.5 +- 0.6; 3.2	17.3 +- 0.6; 4.0	17.8 +- 1.8
35	118	4.4	22.9 +- 0.7; 3.4	18.6 +- 0.7; 4.1	18.8 +- 2.2
36	81	3.8	21.3 +- 0.6; 3.2	17.1 +- 0.6; 4.0	16.8 +- 2.0
37	70	5.5	21.7 +- 0.7; 3.3	17.5 +- 0.6; 4.0	16.3 +- 2.0
38	45	4.0	17.6 +- 0.5; 2.6	13.9 +- 0.5; 3.6	15.1 +- 1.8
39	40	6.8	22.2 +- 0.7; 3.3	18.0 +- 0.7; 4.1	18.1 +- 1.6
40	45	15.0	18.7 +- 0.6; 2.8	14.9 +- 0.6; 3.7	14.3 +- 1.3
41	220	3.0	25.6 +- 0.8; 3.8	21.0 +- 0.7; 4.4	19.4 +- 2.3

Transit Dose = 2.0 +- 0.3; 3.1

BYRON

For the period 930322-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.9 +- 1.4	2
11.26 - 33.75 NNE	16.0 +- 2.3	3
33.76 - 56.25 NE	16.0 +- 1.9	4
56.26 - 78.75 ENE	19.2 +- 2.3	2
78.76 - 101.25 E	19.1 +- 2.7	2
101.26 - 123.75 ESE	19.2 +- 0.8	2
123.76 - 146.25 SE	20.8 +- 4.9	2
146.26 - 168.75 SSE	17.3 +- 0.0	1
168.76 - 191.25 S	17.7 +- 2.7	2
191.26 - 213.75 SSW	16.3 +- 3.9	2
213.76 - 236.25 SW	17.9 +- 2.8	3
236.26 - 258.75 WSW	16.6 +- 0.3	2
258.76 - 281.25 W	17.5 +- 2.9	2
281.26 - 303.75 WNW	16.9 +- 1.5	3
303.76 - 326.25 NW	18.6 +- 1.7	2
326.26 - 348.75 NNW	15.3 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.8 +- 2.2	15
2 - 5	16.7 +- 2.2	16
> 5	16.5 +- 1.5	4
Upwind Control	16.4 +- 1.5	3

MAP FOR BYRON

Map will be provided for this site in the future.

CALLAWAY

TLD Direct Radiation Environmental Monitoring

For the period 930322-930722 123 Days

Field Time: 96 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	247	2.1	26.9	+- 0.8; 4.0	23.2	+- 0.8; 4.7	20.8	+- 2.8
2	259	1.4	24.2	+- 0.7; 3.6	20.6	+- 0.7; 4.4	19.4	+- 2.2
3	282	1.3	23.7	+- 0.7; 3.6	20.1	+- 0.7; 4.3	19.6	+- 1.8
4	304	1.3	23.6	+- 0.7; 3.5	20.1	+- 0.7; 4.3	20.4	+- 2.8
5	330	1.7	20.5	+- 0.6; 3.1	17.2	+- 0.6; 4.0	18.2	+- 2.0
6	1	1.7	20.6	+- 0.6; 3.1	17.3	+- 0.6; 4.0	17.0	+- 0.8
7	23	2.0	20.9	+- 0.6; 3.1	17.5	+- 0.7; 4.0	17.1	+- 1.0
8	77	0.7	21.6	+- 0.6; 3.2	18.2	+- 0.7; 4.1	17.8	+- 0.9
9	85	1.4	21.6	+- 0.6; 3.2	18.2	+- 0.7; 4.1	18.7	+- 1.1
10	98	1.5	20.0	+- 0.6; 3.0	16.7	+- 0.6; 4.0	17.3	+- 0.9
11	121	2.0	24.8	+- 0.7; 3.7	21.2	+- 0.8; 4.5	18.5	+- 2.8
12	140	2.0	23.3	+- 0.7; 3.5	19.8	+- 0.7; 4.3	18.3	+- 2.0
13	158	2.5	20.7	+- 0.6; 3.1	17.3	+- 0.6; 4.0	17.8	+- 1.0
14	183	3.7	22.9	+- 0.7; 3.4	19.4	+- 0.7; 4.3	19.0	+- 1.1
15	188	1.7	21.7	+- 0.7; 3.3	18.3	+- 0.7; 4.1	18.5	+- 1.1
16	202	0.7	19.9	+- 0.6; 3.0	16.6	+- 0.6; 3.9	17.4	+- 1.0
17	237	0.7	24.2	+- 0.7; 3.6	20.6	+- 0.7; 4.4	19.1	+- 1.9
18	312	11.0	19.3	+- 0.6; 2.9	16.1	+- 0.6; 3.9	17.8	+- 1.8
19	292	10.0	20.0	+- 0.6; 3.0	16.7	+- 0.6; 4.0	17.5	+- 1.0
20	268	9.0	20.7	+- 0.6; 3.1	17.3	+- 0.6; 4.0	18.0	+- 0.8
21	247	8.0	24.1	+- 0.7; 3.6	20.5	+- 0.7; 4.4	20.0	+- 2.2
22	225	8.0	21.0	+- 0.6; 3.1	17.6	+- 0.7; 4.1	17.6	+- 1.0
23	220	8.0	20.4	+- 0.6; 3.1	17.0	+- 0.6; 4.0	19.3	+- 2.0
24	205	5.5	19.3	+- 0.6; 2.9	16.0	+- 0.6; 3.9	16.5	+- 2.3
25	157	4.0	26.6	+- 0.8; 4.0	22.9	+- 0.8; 4.7	20.4	+- 2.2
26	134	5.0	18.3	+- 0.5; 2.7	15.1	+- 0.6; 3.8	16.1	+- 0.9
27	115	4.2	26.3	+- 0.8; 3.9	22.6	+- 0.8; 4.6	20.7	+- 2.4
28	95	3.5	25.3	+- 0.8; 3.8	21.6	+- 0.8; 4.5	20.6	+- 2.1
29	67	3.4	23.5	+- 0.7; 3.5	20.0	+- 0.7; 4.3	19.4	+- 1.1
30	48	4.5	19.8	+- 0.6; 3.0	16.5	+- 0.6; 3.9	16.7	+- 0.8
31	14	6.5	21.5	+- 0.6; 3.2	18.1	+- 0.7; 4.1	18.8	+- 1.0
32	2	5.1	21.2	+- 0.6; 3.2	17.8	+- 0.7; 4.1	18.7	+- 0.9
33	335	3.6	18.5	+- 0.6; 2.8	15.3	+- 0.6; 3.8	16.2	+- 1.0
34	288	4.3	22.1	+- 0.7; 3.3	18.6	+- 0.7; 4.2	18.8	+- 1.1
35	310	5.2	21.6	+- 0.6; 3.2	18.2	+- 0.7; 4.1	18.7	+- 1.1
36	264	3.2	20.5	+- 0.6; 3.1	17.2	+- 0.6; 4.0	14.3	+- 1.0
37	237	3.0	25.4	+- 0.8; 3.8	21.8	+- 0.8; 4.5	19.5	+- 1.8
38	270	15.0	21.4	+- 0.6; 3.2	18.0	+- 0.7; 4.1	16.2	+- 1.8
39	270	15.0	21.2	+- 0.6; 3.2	17.8	+- 0.7; 4.1	16.4	+- 2.8
40	203	20.0	21.1	+- 0.6; 3.2	17.7	+- 0.7; 4.1	18.4	+- 0.8

Transit Dose = 2.2 +- 0.3; 3.0

CALLAWAY

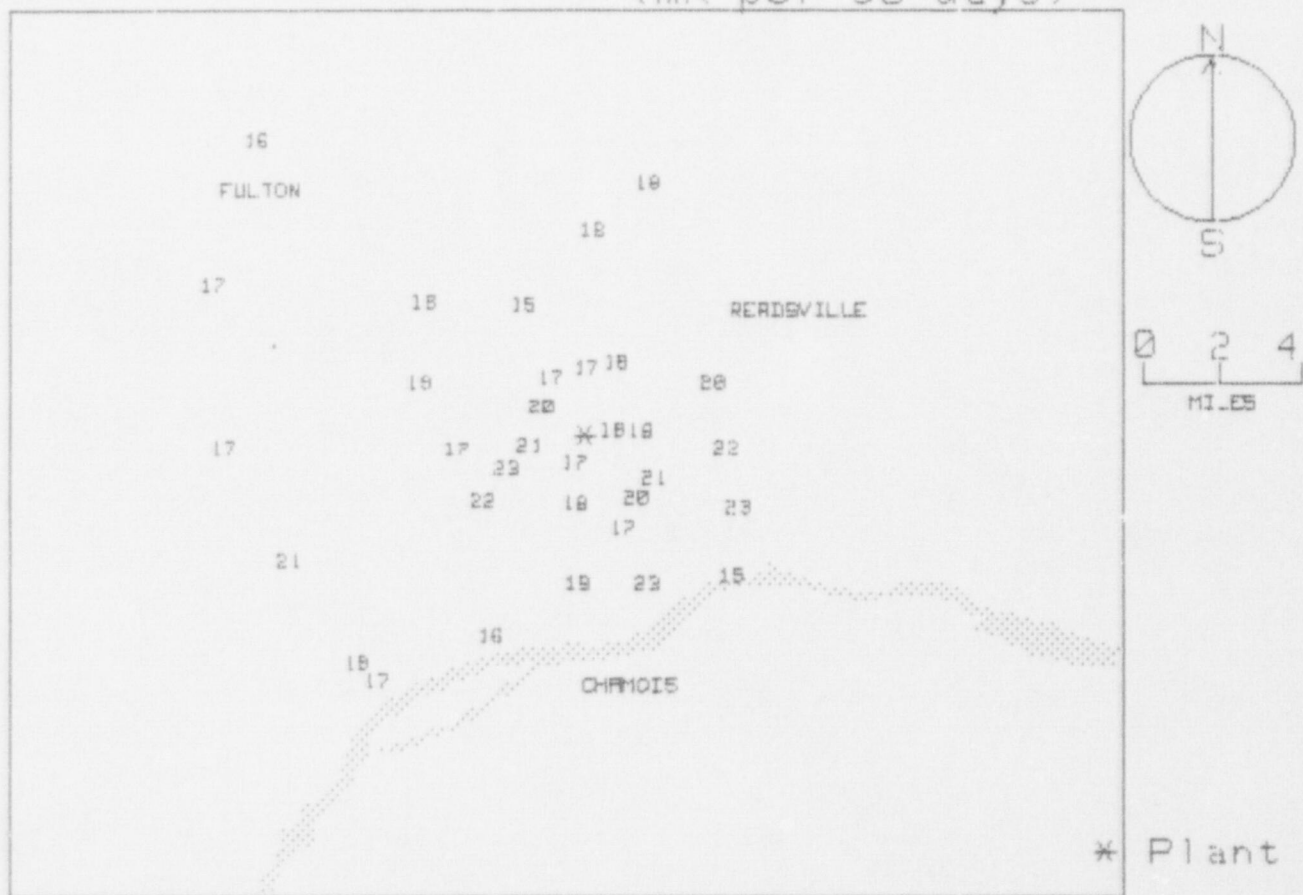
For the period 930322-930722

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 +- 0.4	2
11.26 - 33.75 NNE	17.8 +- 0.4	2
33.76 - 56.25 NE	16.5 +- 0.0	1
56.26 - 78.75 ENE	19.1 +- 1.2	2
78.76 - 101.25 E	18.8 +- 2.5	3
101.26 - 123.75 ESE	21.9 +- 1.0	2
123.76 - 146.25 SE	17.4 +- 3.3	2
146.26 - 168.75 SSE	20.1 +- 3.9	2
168.76 - 191.25 S	18.8 +- 0.8	2
191.26 - 213.75 SSW	16.3 +- 0.4	2
213.76 - 236.25 SW	17.3 +- 0.4	2
236.26 - 258.75 WSW	21.5 +- 1.2	4
258.76 - 281.25 W	18.4 +- 1.9	3
281.26 - 303.75 WNW	18.5 +- 1.8	3
303.76 - 326.25 NW	18.1 +- 2.0	3
326.26 - 348.75 NNW	16.2 +- 1.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 1.6	14
2 - 5	19.3 +- 2.9	13
> 5	17.5 +- 1.3	10
Upwind Control	17.8 +- 0.1	3

NRC TLD DOSES FOR CALLAWAY AREA
(mR per 90 days)



CALVERT CLIFFS

TLD Direct Radiation Environmental Monitoring

For the period 930325-930722 120 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	275	1.5	17.7 +- 0.5; 2.7	16.7 +- 0.7; 4.2	12.9 +- 3.1
3	284	1.7	17.5 +- 0.5; 2.6	16.4 +- 0.7; 4.2	12.6 +- 2.9
4	323	2.4	15.5 +- 0.5; 2.3	14.1 +- 0.6; 4.0	12.8 +- 2.6
5	297	3.1	18.5 +- 0.6; 2.8	17.6 +- 0.7; 4.3	13.2 +- 3.1
6	324	4.7	19.0 +- 0.6; 2.8	18.2 +- 0.7; 4.4	13.2 +- 3.1
7	324	5.5	16.8 +- 0.5; 2.5	15.6 +- 0.7; 4.1	11.8 +- 2.7
8	256	6.1	16.5 +- 0.5; 2.5	15.2 +- 0.7; 4.1	11.2 +- 3.2
9	273	4.1	15.0 +- 0.4; 2.2	13.5 +- 0.6; 3.9	12.4 +- 2.6
10	253	3.7	18.3 +- 0.5; 2.7	17.4 +- 0.7; 4.3	13.9 +- 3.0
11	230	4.0	17.1 +- 0.5; 2.6	15.9 +- 0.7; 4.2	13.9 +- 2.8
12	243	1.3	17.0 +- 0.5; 2.6	15.9 +- 0.7; 4.1	13.5 +- 2.6
13	222	1.5	18.7 +- 0.6; 2.8	17.9 +- 0.7; 4.4	14. . +- 3.3
14	208	1.8	14.8 +- 0.4; 2.2	13.3 +- 0.6; 3.9	11.3 +- 2.4
15	176	2.4	21.0 +- 0.6; 3.1	20.5 +- 0.8; 4.7	15.5 +- 3.4
16	160	1.5	17.7 +- 0.5; 2.7	16.7 +- 0.7; 4.2	14.9 +- 2.9
19	159	3.8	16.5 +- 0.5; 2.5	15.3 +- 0.7; 4.1	13.2 +- 2.7
20	139	4.7	17.4 +- 0.5; 2.6	16.3 +- 0.7; 4.2	11.9 +- 2.9
21	201	4.0	15.7 +- 0.5; 2.4	14.3 +- 0.6; 4.0	12.7 +- 2.6
22	187	4.7	15.4 +- 0.5; 2.3	14.1 +- 0.6; 4.0	12.3 +- 2.4
23	201	8.7	16.2 +- 0.5; 2.4	15.0 +- 0.7; 4.0	13.2 +- 2.7
24	190	7.8	13.8 +- 0.4; 2.1	12.1 +- 0.6; 3.8	11.7 +- 2.4
25	325	6.7	16.6 +- 0.5; 2.5	15.4 +- 0.7; 4.1	12.4 +- 2.5
26	314	11.0	15.4 +- 0.5; 2.3	14.0 +- 0.6; 4.0	11.8 +- 2.4
27	314	11.0	14.8 +- 0.4; 2.2	13.3 +- 0.6; 3.9	12.0 +- 2.4
28	315	10.0	19.2 +- 0.6; 2.9	18.4 +- 0.7; 4.4	14.3 +- 3.2
29	186	12.0	18.3 +- 0.6; 2.8	17.4 +- 0.7; 4.3	14.3 +- 2.9

Transit Dose = 3.3 +- 0.3; 2.5

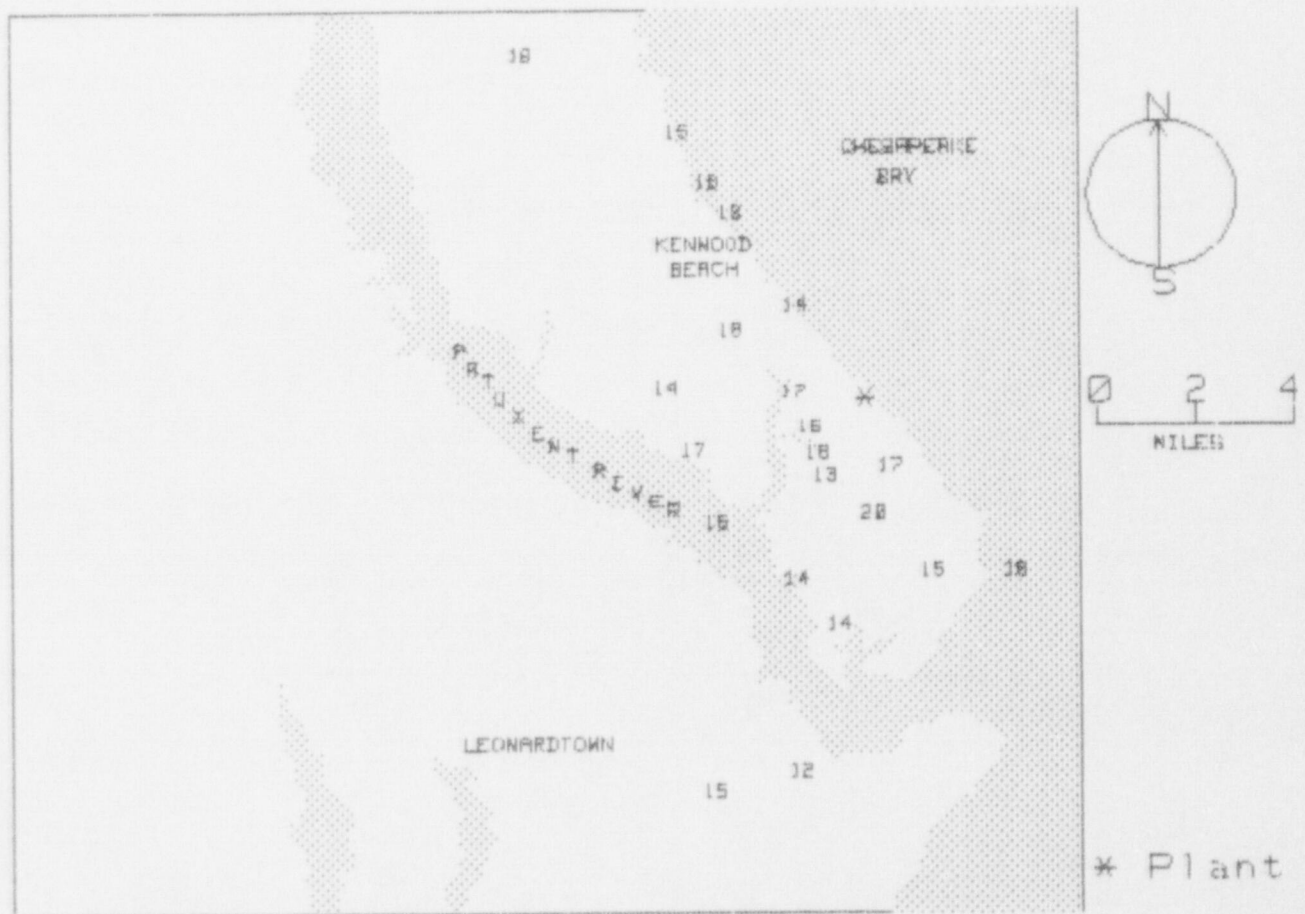
CALVERT CLIFFS
For the period 930325-930722

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	16.3 +- 0.0	1
146.26 - 168.75 SSE	16.0 +- 1.0	2
168.76 - 191.25 S	16.0 +- 3.7	4
191.26 - 213.75 SSW	14.2 +- 0.8	3
213.76 - 236.25 SW	16.9 +- 1.4	2
236.26 - 258.75 WSW	16.2 +- 1.1	3
258.76 - 281.25 W	15.1 +- 2.3	2
281.26 - 303.75 WNW	17.0 +- 0.8	2
303.76 - 326.25 NW	15.8 +- 1.7	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	16.2 +- 1.5	6
2 - 5	16.1 +- 2.1	11
> 5	15.1 +- 1.7	6
Upwind Control	15.2 +- 2.8	3

NRC TLD DOSES FOR CALVERT CLIFFS AREA
(mR per 90 days)



CATAWBA

TLD Direct Radiation Environmental Monitoring

For the period 930324-930720 119 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	134	0.1	25.8 +- 0.8; 3.9	19.8 +- 1.0; 5.6	18.5 +- 3.7
2	162	0.4	21.6 +- 0.6; 3.2	15.0 +- 0.9; 5.1	15.5 +- 3.0
3	132	0.8	23.6 +- 0.7; 3.5	17.2 +- 1.0; 5.3	18.4 +- 3.5
4	111	1.3	21.8 +- 0.7; 3.3	15.1 +- 0.9; 5.1	15.8 +- 2.8
5	45	0.7	22.8 +- 0.7; 3.4	16.3 +- 0.9; 5.2	15.8 +- 2.5
6	298	1.3	23.1 +- 0.7; 3.5	16.6 +- 0.9; 5.3	17.3 +- 3.0
7	4	0.6	20.4 +- 0.6; 3.1	13.6 +- 0.9; 4.9	15.1 +- 3.1
8	332	1.5	24.2 +- 0.7; 3.6	17.9 +- 1.0; 5.4	19.5 +- 3.1
9	318	1.6	17.7 +- 0.5; 2.7	10.5 +- 0.8; 4.6	12.6 +- 3.1
10	176	1.8	22.9 +- 0.7; 3.4	16.4 +- 0.9; 5.3	16.6 +- 3.3
11	203	1.5	22.9 +- 0.7; 3.4	16.4 +- 0.9; 5.3	16.9 +- 2.8
12	225	1.5	21.7 +- 0.7; 3.3	15.1 +- 0.9; 5.1	17.1 +- 3.2
13	250	1.9	21.0 +- 0.6; 3.1	14.2 +- 0.9; 5.0	14.2 +- 3.5
14	270	1.4	17.8 +- 0.5; 2.7	10.6 +- 0.8; 4.6	12.6 +- 3.1
15	331	3.0	20.4 +- 0.6; 3.1	13.6 +- 0.9; 4.9	13.9 +- 3.4
16	311	3.9	18.6 +- 0.6; 2.8	11.5 +- 0.8; 4.7	13.2 +- 3.3
17	296	9.5	22.7 +- 0.7; 3.4	16.2 +- 0.9; 5.2	18.0 +- 3.0
18	324	4.8	19.4 +- 0.6; 2.9	12.4 +- 0.8; 4.8	15.3 +- 3.5
19	352	4.8	19.6 +- 0.6; 2.9	12.6 +- 0.8; 4.8	13.1 +- 3.2
20	22	4.0	23.1 +- 0.7; 3.5	16.6 +- 0.9; 5.3	16.6 +- 3.3
21	290	3.9	21.2 +- 0.6; 3.2	14.4 +- 0.9; 5.0	15.0 +- 2.9
22	266	4.0	Missing Dosimeter	No Net Data	15.9 +- 3.1
23	251	4.0	17.7 +- 0.5; 2.7	10.5 +- 0.8; 4.6	11.1 +- 3.3
24	229	3.9	20.5 +- 0.6; 3.1	13.6 +- 0.9; 4.9	12.0 +- 3.3
25	202	4.4	24.8 +- 0.7; 3.7	18.6 +- 1.0; 5.5	17.2 +- 2.7
26	51	4.3	23.6 +- 0.7; 3.5	17.2 +- 1.0; 5.3	18.0 +- 2.8
27	64	7.9	18.0 +- 0.5; 2.7	10.9 +- 0.8; 4.7	11.6 +- 2.9
28	61	4.9	20.6 +- 0.6; 3.1	13.7 +- 0.9; 5.0	15.1 +- 3.1
29	49	1.9	19.8 +- 0.6; 3.0	12.8 +- 0.8; 4.9	15.1 +- 3.9
30	64	1.8	20.8 +- 0.6; 3.1	14.0 +- 0.9; 5.0	14.8 +- 2.9
31	87	1.6	21.0 +- 0.6; 3.2	14.3 +- 0.9; 5.0	14.0 +- 3.0
32	121	2.6	21.2 +- 0.6; 3.2	14.4 +- 0.9; 5.0	15.2 +- 3.0
33	114	7.6	Missing Dosimeter	No Net Data	14.6 +- 3.2
34	93	4.5	22.1 +- 0.7; 3.3	15.5 +- 0.9; 5.1	17.0 +- 3.5
35	132	4.3	26.8 +- 0.8; 4.0	20.9 +- 1.1; 5.8	20.4 +- 3.0
36	163	8.9	19.3 +- 0.6; 2.9	12.2 +- 0.8; 4.8	12.3 +- 2.9
37	173	4.9	20.5 +- 0.6; 3.1	13.6 +- 0.9; 4.9	13.5 +- 2.6
38	157	4.6	25.6 +- 0.8; 3.8	19.5 +- 1.0; 5.6	18.0 +- 2.5
39	248	10.0	21.2 +- 0.6; 3.2	14.5 +- 0.9; 5.0	16.3 +- 3.7
40	229	12.0	22.7 +- 0.7; 3.4	16.2 +- 0.9; 5.2	15.0 +- 2.6
41	218	13.0	16.7 +- 0.5; 2.5	9.3 +- 0.8; 4.5	12.8 +- 3.4
42	213	16.0	22.3 +- 0.7; 3.3	15.7 +- 0.9; 5.2	15.5 +- 2.5

Transit Dose = 8.5 +- 0.5; 3.1

CATAWBA

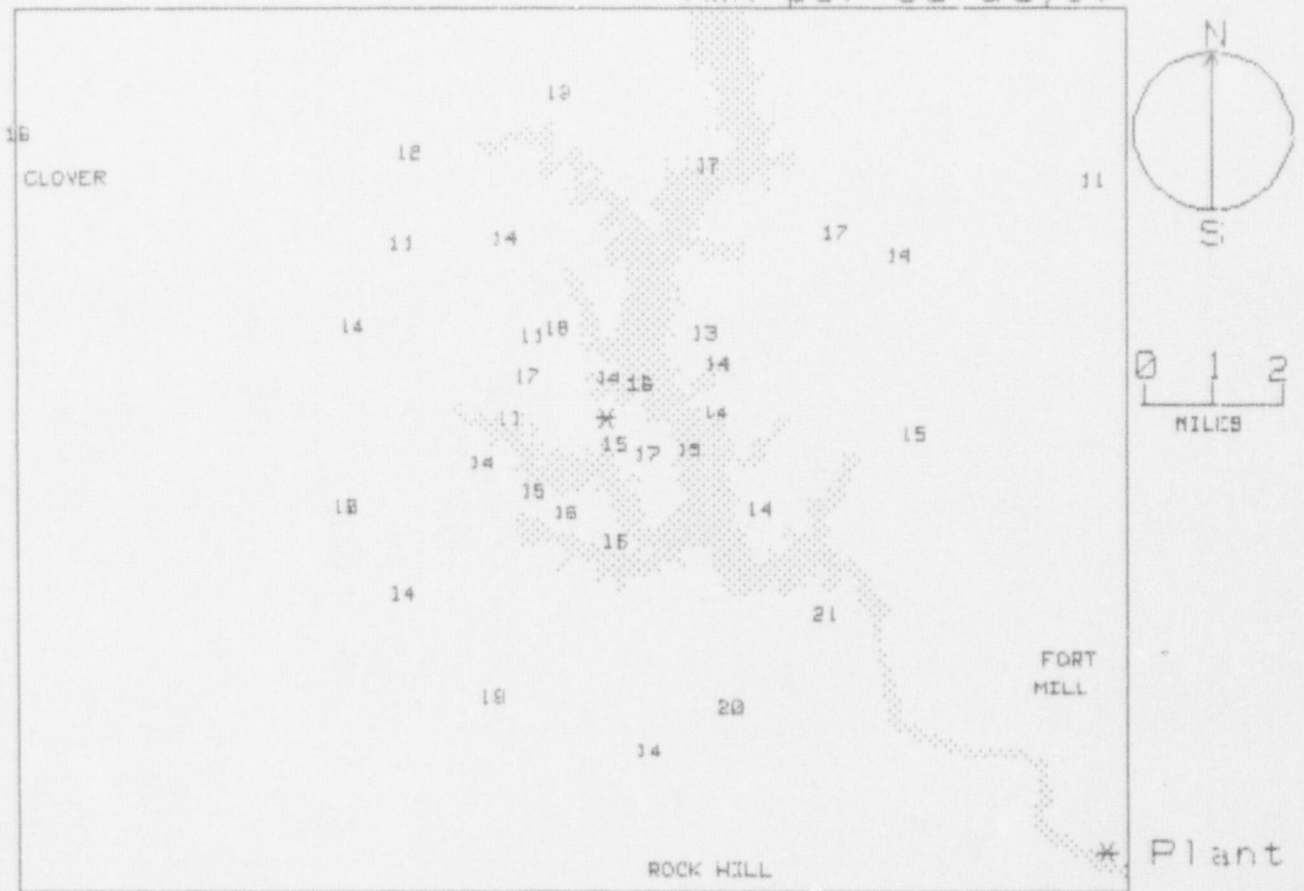
For the period 930324-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.1 +- 0.7	2
11.26 - 33.75 NNE	16.6 +- 0.0	1
33.76 - 56.25 NE	15.4 +- 2.3	3
56.26 - 78.75 ENE	12.9 +- 1.7	3
78.76 - 101.25 E	14.9 +- 0.8	2
101.26 - 123.75 ESE	14.8 +- 0.5	2
123.76 - 146.25 SE	19.3 +- 1.9	3
146.26 - 168.75 SSE	15.6 +- 3.7	3
168.76 - 191.25 S	15.0 +- 2.0	2
191.26 - 213.75 SSW	17.5 +- 1.5	2
213.76 - 236.25 SW	14.3 +- 1.0	2
236.26 - 258.75 WSW	13.1 +- 2.2	3
258.76 - 281.25 W	10.6 +- 0.0	1
281.26 - 303.75 WNW	15.7 +- 1.2	3
303.76 - 326.25 NW	11.5 +- 1.0	3
326.26 - 348.75 NNW	15.7 +- 3.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.0 +- 2.4	17
2 - 5	14.9 +- 2.9	16
> 5	13.4 +- 2.4	4
Upwind Control	13.7 +- 3.8	3

NRC TLD DOSES FOR CATAWBA AREA
(mR per 90 days)



CLINTON

TLD Direct Radiation Environmental Monitoring

For the period 930322-930723 124 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	5	0.6	20.1	+- 0.6; 3.0	17.3	+- 0.7; 4.1	18.9	+- 2.5
2	40	0.7	21.2	+- 0.6; 3.2	18.4	+- 0.7; 4.2	18.7	+- 1.6
3	35	0.8	25.5	+- 0.8; 3.8	22.6	+- 0.8; 4.7	21.2	+- 2.0
4	163	0.5	21.6	+- 0.6; 3.2	18.8	+- 0.7; 4.2	19.4	+- 1.9
5	210	0.5	Damaged Dosimeter		No Net Data		19.5	+- 1.9
6	223	0.6	22.1	+- 0.7; 3.3	19.3	+- 0.7; 4.3	19.5	+- 1.8
7	235	0.8	21.2	+- 0.6; 3.2	18.4	+- 0.7; 4.2	18.9	+- 1.6
8	62	1.9	20.9	+- 0.6; 3.1	18.0	+- 0.7; 4.1	18.5	+- 1.6
9	78	1.8	Missing Dosimeter		No Net Data		18.4	+- 1.5
10	79	2.6	21.2	+- 0.6; 3.2	18.4	+- 0.7; 4.2	18.8	+- 2.1
11	100	2.3	20.7	+- 0.6; 3.1	17.9	+- 0.7; 4.1	18.5	+- 1.5
12	115	3.0	22.2	+- 0.7; 3.3	19.3	+- 0.7; 4.3	16.4	+- 1.9
13	127	3.2	21.4	+- 0.6; 3.2	18.5	+- 0.7; 4.2	18.5	+- 1.6
14	155	2.1	21.0	+- 0.6; 3.2	18.2	+- 0.7; 4.2	18.9	+- 1.6
15	185	3.0	20.6	+- 0.6; 3.1	17.8	+- 0.7; 4.1	19.3	+- 2.1
16	203	3.2	20.4	+- 0.6; 3.1	17.6	+- 0.7; 4.1	18.0	+- 1.7
17	230	3.7	22.3	+- 0.7; 3.3	19.5	+- 0.7; 4.3	17.9	+- 1.8
18	255	2.8	20.6	+- 0.6; 3.1	17.8	+- 0.7; 4.1	19.1	+- 1.7
19	275	2.3	20.8	+- 0.6; 3.1	18.0	+- 0.7; 4.1	18.5	+- 1.6
20	302	0.9	21.6	+- 0.6; 3.2	18.8	+- 0.7; 4.2	17.9	+- 1.6
21	336	0.8	20.7	+- 0.6; 3.1	17.9	+- 0.7; 4.1	17.9	+- 1.8
22	0	0.6	21.0	+- 0.6; 3.1	18.1	+- 0.7; 4.2	18.6	+- 2.0
23	358	4.6	21.4	+- 0.6; 3.2	18.5	+- 0.7; 4.2	19.1	+- 1.8
24	20	3.9	20.2	+- 0.6; 3.0	17.4	+- 0.7; 4.1	18.3	+- 1.7
25	46	5.0	22.1	+- 0.7; 3.3	19.3	+- 0.7; 4.3	18.9	+- 1.5
26	62	5.5	19.6	+- 0.6; 2.9	16.8	+- 0.6; 4.0	17.0	+- 1.6
27	90	4.8	Missing Dosimeter		No Net Data		17.7	+- 1.8
28	115	5.2	20.0	+- 0.6; 3.0	17.2	+- 0.7; 4.1	17.4	+- 1.5
29	128	5.1	20.2	+- 0.6; 3.0	17.4	+- 0.7; 4.1	18.2	+- 1.7
30	153	5.8	21.0	+- 0.6; 3.1	18.1	+- 0.7; 4.2	18.5	+- 1.7
31	173	5.2	21.5	+- 0.6; 3.2	18.7	+- 0.7; 4.2	18.0	+- 1.5
32	205	4.7	20.3	+- 0.6; 3.0	17.5	+- 0.7; 4.1	18.1	+- 1.7
33	238	6.1	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.1	18.2	+- 1.7
34	252	5.8	19.6	+- 0.6; 2.9	16.8	+- 0.6; 4.0	17.9	+- 2.3
35	260	6.6	17.1	+- 0.5; 2.6	14.3	+- 0.6; 3.8	15.1	+- 1.8
36	272	4.8	20.3	+- 0.6; 3.0	17.5	+- 0.7; 4.1	18.5	+- 1.7
37	288	4.8	19.6	+- 0.6; 2.9	16.8	+- 0.6; 4.0	17.6	+- 1.7
38	297	7.6	20.3	+- 0.6; 3.0	17.5	+- 0.7; 4.1	16.2	+- 1.6
39	315	5.1	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.1	18.6	+- 2.1
40	342	4.8	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.1	18.2	+- 1.5
41	65	12.0	17.9	+- 0.5; 2.7	15.1	+- 0.6; 3.8	17.8	+- 2.1
42	148	12.0	Missing Dosimeter		No Net Data		18.5	+- 2.0
43	148	12.0	Missing Dosimeter		No Net Data		18.9	+- 1.6
44	206	14.0	18.3	+- 0.6; 2.8	15.6	+- 0.6; 3.9	15.9	+- 1.6

Transit Dose = 2.4 +- 0.3; 2.9

CLINTON

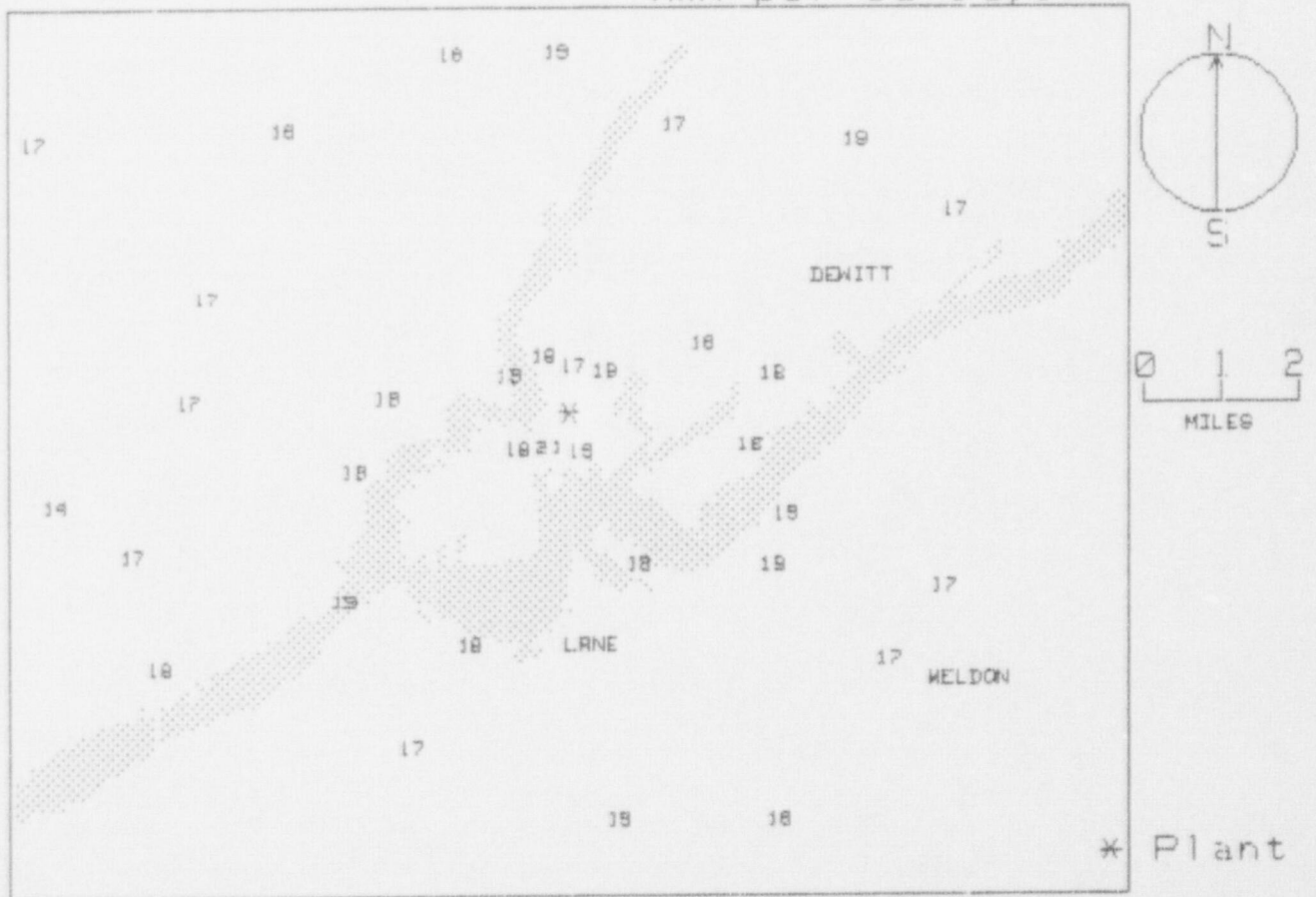
For the period 930322-930723

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 +- 0.6	3
11.26 - 33.75 NNE	17.4 +- 0.0	1
33.76 - 56.25 NE	20.1 +- 2.2	3
56.26 - 78.75 ENE	16.7 +- 1.5	3
78.76 - 101.25 E	18.1 +- 0.4	2
101.26 - 123.75 ESE	18.3 +- 1.5	2
123.76 - 146.25 SE	18.0 +- 0.8	2
146.26 - 168.75 SSE	18.4 +- 0.3	3
168.76 - 191.25 S	18.2 +- 0.6	2
191.26 - 213.75 SSW	17.5 +- 0.1	2
213.76 - 236.25 SW	19.1 +- 0.6	3
236.26 - 258.75 WSW	17.4 +- 0.6	3
258.76 - 281.25 W	16.6 +- 2.0	3
281.26 - 303.75 WNW	17.7 +- 1.0	3
303.76 - 326.25 NW	17.7 +- 0.0	1
326.26 - 348.75 NNW	17.8 +- 0.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 1.5	10
2 - 5	18.1 +- 0.7	17
> 5	17.0 +- 1.3	11
Upwind Control	15.6 +- 0.0	1

NRC TLD DOSES FOR CLINTON AREA (mR per 90 days)



COMANCHE PEAK

TLD Direct Radiation Environmental Monitoring

For the period 930322-930729 130 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	306	1.4	19.2	+- 0.6; 2.9	16.9	+- 0.6; 3.9	15.2	+- 1.0
2	285	1.5	19.0	+- 0.6; 2.8	16.6	+- 0.6; 3.9	15.5	+- 1.3
3	268	1.1	16.8	+- 0.5; 2.5	14.5	+- 0.6; 3.7	14.3	+- 0.9
4	253	0.9	18.4	+- 0.6; 2.8	16.1	+- 0.6; 3.9	15.4	+- 1.2
5	218	1.0	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	15.7	+- 1.3
6	200	1.0	18.1	+- 0.5; 2.7	15.8	+- 0.6; 3.8	13.4	+- 1.1
7	180	1.4	16.9	+- 0.5; 2.5	14.6	+- 0.6; 3.7	13.8	+- 1.2
8	163	1.6	17.7	+- 0.5; 2.7	15.4	+- 0.6; 3.8	15.7	+- 1.3
9	140	1.3	20.2	+- 0.6; 3.0	17.8	+- 0.7; 4.0	15.6	+- 0.8
10	118	1.5	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	13.6	+- 1.1
11	93	1.9	20.5	+- 0.6; 3.1	18.1	+- 0.7; 4.1	14.7	+- 2.8
12	73	2.4	19.7	+- 0.6; 3.0	17.4	+- 0.6; 4.0	17.2	+- 1.1
13	245	1.7	18.5	+- 0.6; 2.8	16.1	+- 0.6; 3.9	14.0	+- 0.9
14	156	4.3	17.0	+- 0.5; 2.5	14.7	+- 0.6; 3.7	13.8	+- 1.3
15	186	7.0	18.1	+- 0.5; 2.7	15.7	+- 0.6; 3.8	14.9	+- 1.5
16	183	4.1	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	16.0	+- 1.5
17	205	4.3	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	15.3	+- 0.9
18	225	3.4	16.1	+- 0.5; 2.4	13.8	+- 0.5; 3.6	12.9	+- 1.2
19	245	5.2	18.6	+- 0.6; 2.8	16.3	+- 0.6; 3.9	15.3	+- 0.8
20	264	5.8	17.4	+- 0.5; 2.6	15.1	+- 0.6; 3.8	13.7	+- 0.9
21	258	3.2	17.4	+- 0.5; 2.6	15.1	+- 0.6; 3.8	13.6	+- 1.0
22	284	5.1	17.1	+- 0.5; 2.6	14.9	+- 0.6; 3.7	13.4	+- 1.1
23	313	5.8	Missing Dosimeter		No Net Data		15.0	+- 1.0
24	332	4.9	16.7	+- 0.5; 2.5	14.4	+- 0.6; 3.7	14.2	+- 1.0
25	9	4.6	18.2	+- 0.5; 2.7	15.9	+- 0.6; 3.8	14.9	+- 1.3
26	26	4.5	17.5	+- 0.5; 2.6	15.2	+- 0.6; 3.8	14.5	+- 1.2
27	47	4.1	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	14.2	+- 1.1
28	6	1.8	18.1	+- 0.5; 2.7	15.8	+- 0.6; 3.8	14.8	+- 1.1
29	16	1.9	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	14.5	+- 1.2
30	102	3.0	19.7	+- 0.6; 3.0	17.3	+- 0.6; 4.0	15.5	+- 1.4
31	108	3.9	17.9	+- 0.5; 2.7	15.6	+- 0.6; 3.8	14.9	+- 1.5
32	135	4.6	18.6	+- 0.6; 2.8	16.2	+- 0.6; 3.9	15.5	+- 1.4
33	152	6.3	16.9	+- 0.5; 2.5	14.7	+- 0.6; 3.7	13.6	+- 1.1
34	47	2.9	16.6	+- 0.5; 2.5	14.3	+- 0.6; 3.7	13.3	+- 1.6
35	85	4.8	18.3	+- 0.5; 2.7	16.0	+- 0.6; 3.9	15.1	+- 1.5
36	115	7.5	18.2	+- 0.5; 2.7	15.9	+- 0.6; 3.8	15.0	+- 1.4
37	355	9.4	17.5	+- 0.5; 2.6	15.2	+- 0.6; 3.8	14.6	+- 2.8
38	337	9.2	18.2	+- 0.5; 2.7	15.9	+- 0.6; 3.8	14.2	+- 1.4
39	310	9.9	17.2	+- 0.5; 2.6	14.9	+- 0.6; 3.7	14.5	+- 1.5
40	302	8.1	16.8	+- 0.5; 2.5	14.5	+- 0.6; 3.7	13.8	+- 1.6
41	248	7.9	18.7	+- 0.6; 2.8	16.4	+- 0.6; 3.9	15.8	+- 1.3
42	90	0.5	17.8	+- 0.5; 2.7	15.5	+- 0.6; 3.8	13.8	+- 1.6
43	18	9.8	17.4	+- 0.5; 2.6	15.1	+- 0.6; 3.8	15.0	+- 1.5
44	263	1.7	16.2	+- 0.5; 2.4	13.9	+- 0.6; 3.6	13.2	+- 1.6
45	218	12.0	18.0	+- 0.5; 2.7	15.6	+- 0.6; 3.8	14.9	+- 1.4
46	140	12.0	18.1	+- 0.5; 2.7	15.8	+- 0.6; 3.8	14.7	+- 1.4
47	301	21.0	17.9	+- 0.5; 2.7	15.6	+- 0.6; 3.8	14.7	+- 1.4

Transit Dose = 2.0 +- 0.3; 2.8

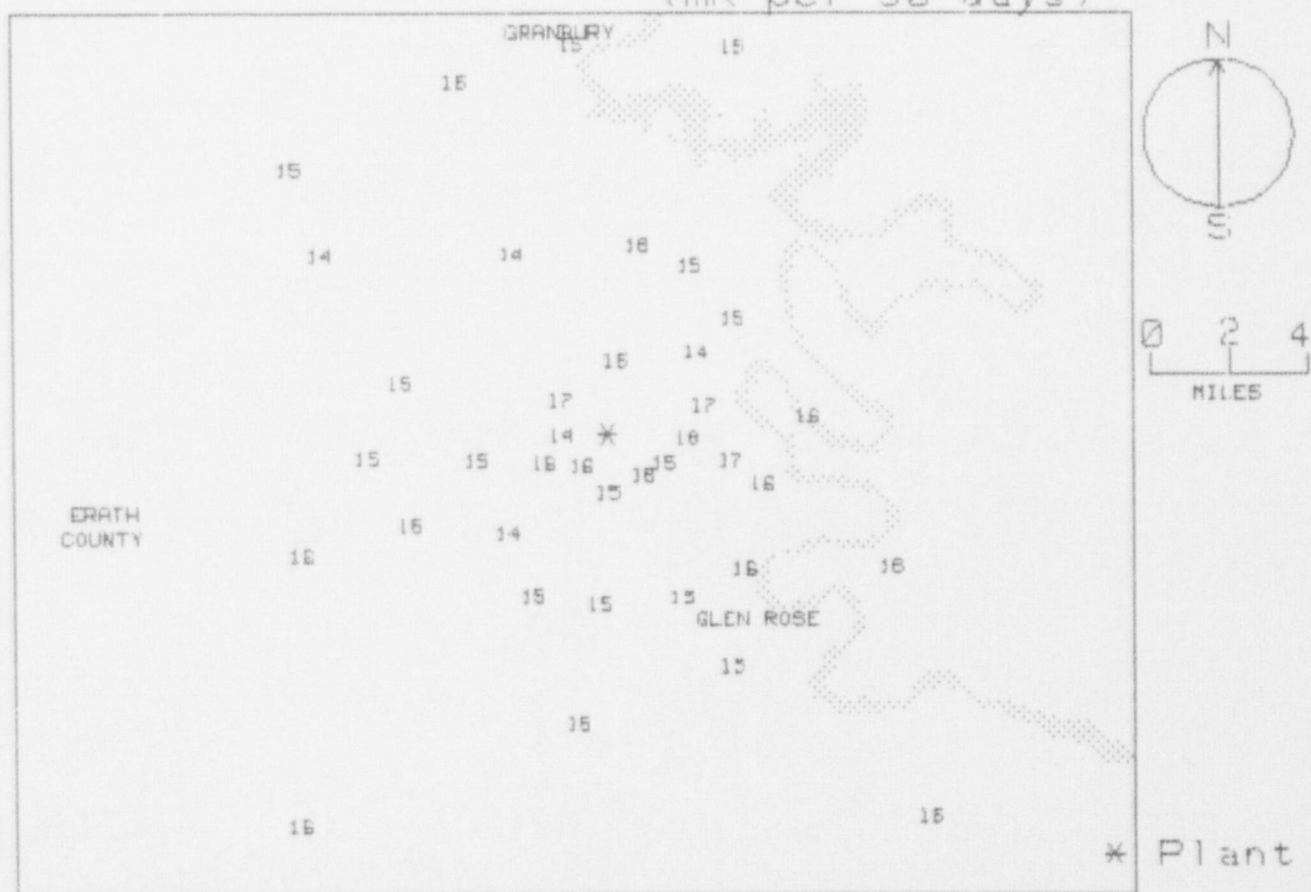
COMANCHE PEAK
For the period 930322-930729

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.6 +- 0.4	3
11.26 - 33.75 NNE	15.2 +- 0.2	3
33.76 - 56.25 NE	14.9 +- 0.8	2
56.26 - 78.75 ENE	17.4 +- 0.0	1
78.76 - 101.25 E	16.5 +- 1.4	3
101.26 - 123.75 ESE	16.1 +- 0.9	4
123.76 - 146.25 SE	16.6 +- 1.1	3
146.26 - 168.75 SSE	14.9 +- 0.4	3
168.76 - 191.25 S	15.3 +- 0.6	3
191.26 - 213.75 SSW	15.6 +- 0.3	2
213.76 - 236.25 SW	15.0 +- 1.0	3
236.26 - 258.75 WSW	16.0 +- 0.5	5
258.76 - 281.25 W	14.5 +- 0.6	3
281.26 - 303.75 WNW	15.4 +- 0.9	4
303.76 - 326.25 NW	15.9 +- 1.4	2
326.26 - 348.75 NNW	15.1 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.8 +- 1.1	16
2 - 5	15.5 +- 1.0	15
> 5	15.4 +- 0.6	15
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR COMANCHE PEAK AREA (mR per 90 days)



COOPER
TLD Direct Radiation Environmental Monitoring

COOPER - Second Quarter TLDs Not Collected At Time of Report
(Refer to explanation in Preface, Page 2)

COOPER
TLD Direct Radiation Environmental Monitoring

COOPER - Second Quarter TLDs Not Collected At Time of Report

COOPER
TLD Direct Radiation Environmental Monitoring

COOPER - Second Quarter TLDs Not Collected At Time of Report

CRYSTAL RIVER

TLD Direct Radiation Environmental Monitoring

For the period 930324-930720 119 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
6	61	4.2	13.9	+- 0.4; 2.1	11.7	+- 0.5; 3.6	13.0	+- 4.8
7	50	3.8	13.5	+- 0.4; 2.0	11.2	+- 0.5; 3.6	12.9	+- 4.7
8	20	5.2	14.7	+- 0.4; 2.2	12.5	+- 0.6; 3.7	13.6	+- 4.5
9	6	5.4	15.5	+- 0.5; 2.3	13.3	+- 0.6; 3.8	15.6	+- 5.2
10	348	5.0	15.0	+- 0.5; 2.3	12.8	+- 0.6; 3.7	14.7	+- 4.8
11	334	4.8	15.0	+- 0.5; 2.3	12.8	+- 0.6; 3.7	14.2	+- 4.8
12	318	4.8	14.0	+- 0.4; 2.1	11.8	+- 0.5; 3.6	13.8	+- 5.2
13	79	3.8	14.9	+- 0.4; 2.2	12.7	+- 0.6; 3.7	14.2	+- 4.9
14	95	4.1	13.9	+- 0.4; 2.1	11.7	+- 0.5; 3.6	13.9	+- 5.0
15	89	1.8	17.0	+- 0.5; 2.6	14.9	+- 0.6; 3.9	16.0	+- 5.0
16	113	5.0	13.9	+- 0.4; 2.1	11.6	+- 0.5; 3.6	13.3	+- 5.2
17	133	5.5	14.1	+- 0.4; 2.1	11.8	+- 0.5; 3.6	14.7	+- 5.2
18	74	8.1	14.0	+- 0.4; 2.1	11.7	+- 0.5; 3.6	13.2	+- 5.0
19	127	7.6	14.2	+- 0.4; 2.1	11.9	+- 0.5; 3.6	13.8	+- 4.9
20	150	12.0	13.5	+- 0.4; 2.0	11.2	+- 0.5; 3.6	12.8	+- 4.8
21	159	13.0	14.3	+- 0.4; 2.1	12.0	+- 0.6; 3.7	14.2	+- 5.1
22	150	13.0	14.5	+- 0.4; 2.2	12.3	+- 0.6; 3.7	13.5	+- 5.2
23	150	21.0	13.4	+- 0.4; 2.0	11.1	+- 0.5; 3.6	14.4	+- 5.4
24	150	21.0	13.7	+- 0.4; 2.1	11.5	+- 0.5; 3.6	12.8	+- 5.1
25	56	6.1	Missing Dosimeter		No Net Data		15.6	+- 5.5
26	357	5.2	14.8	+- 0.4; 2.2	12.5	+- 0.6; 3.7	14.6	+- 4.8
27	90	13.0	14.7	+- 0.4; 2.2	12.4	+- 0.6; 3.7	13.9	+- 5.1
28	140	4.8	15.1	+- 0.5; 2.3	12.9	+- 0.6; 3.7	14.4	+- 4.9

Transit Dose = 2.9 +- 0.3; 2.7

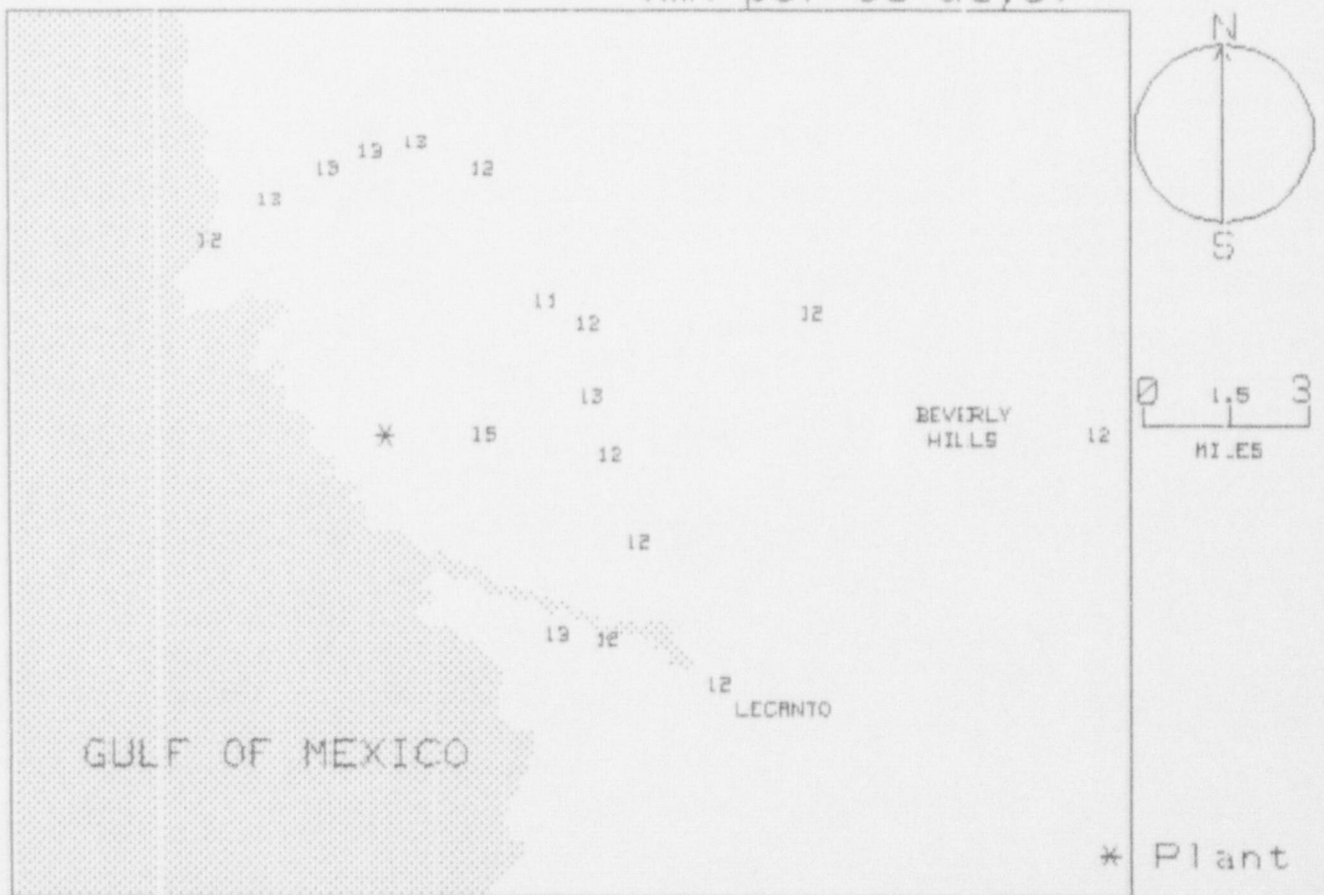
CRYSTAL RIVER
For the period 930324-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.9 +- 0.5	2
11.26 - 33.75 NNE	12.5 +- 0.0	1
33.76 - 56.25 NE	11.2 +- 0.0	1
56.26 - 78.75 ENE	11.7 +- 0.0	2
78.76 - 101.25 E	12.9 +- 1.4	4
101.26 - 123.75 ESE	11.6 +- 0.0	1
123.76 - 146.25 SE	12.2 +- 0.6	3
146.26 - 168.75 SSE	11.6 +- 0.6	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	11.8 +- 0.0	1
326.26 - 348.75 NNW	12.8 +- 0.0	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	12.1 +- 0.7	9
> 5	12.2 +- 0.6	9
Upwind Control	11.6 +- 0.6	3

NRC TLD DOSES FOR CRYSTAL RIVER AREA
(mR per 90 days)



DAVIS BESSE

TLD Direct Radiation Environmental Monitoring

For the period 930322-930729 130 Days

Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	50	0.6	15.4	+- 0.5; 2.3	14.0	+- 0.5; 3.3	12.3	+- 1.8
2	86	0.9	16.6	+- 0.5; 2.5	15.1	+- 0.5; 3.4	13.7	+- 2.2
3	116	1.4	14.7	+- 0.4; 2.2	13.4	+- 0.4; 3.3	12.9	+- 2.0
4	172	0.8	16.7	+- 0.5; 2.5	15.2	+- 0.5; 3.4	16.3	+- 2.7
5	200	1.5	22.6	+- 0.7; 3.4	20.5	+- 0.6; 4.0	19.2	+- 2.3
6	226	1.0	18.8	+- 0.6; 2.8	17.1	+- 0.6; 3.6	16.4	+- 2.2
7	249	1.5	19.2	+- 0.6; 2.9	17.5	+- 0.6; 3.7	17.1	+- 2.1
8	267	1.8	19.0	+- 0.6; 2.9	17.3	+- 0.6; 3.7	17.6	+- 2.4
9	285	1.8	20.3	+- 0.6; 3.0	18.4	+- 0.6; 3.8	17.5	+- 2.2
10	306	1.5	16.7	+- 0.5; 2.5	15.2	+- 0.5; 3.4	15.1	+- 2.2
11	344	0.9	16.2	+- 0.5; 2.4	14.7	+- 0.5; 3.4	14.4	+- 1.6
12	142	4.5	21.4	+- 0.6; 3.2	19.5	+- 0.6; 3.9	18.0	+- 2.1
13	158	4.0	22.2	+- 0.7; 3.3	20.2	+- 0.6; 4.0	19.2	+- 2.2
14	180	3.8	Missing Dosimeter		No Net Data		16.1	+- 1.9
15	207	4.8	21.7	+- 0.7; 3.3	19.7	+- 0.6; 3.9	17.2	+- 2.3
16	225	4.5	21.1	+- 0.6; 3.2	19.2	+- 0.6; 3.9	17.3	+- 2.1
17	254	2.7	24.1	+- 0.7; 3.6	21.9	+- 0.7; 4.2	20.6	+- 2.3
18	269	3.0	21.2	+- 0.6; 3.2	19.3	+- 0.6; 3.9	17.7	+- 2.2
19	295	5.3	22.9	+- 0.7; 3.4	20.8	+- 0.7; 4.1	19.3	+- 2.4
20	25	0.5	15.7	+- 0.5; 2.4	14.3	+- 0.5; 3.4	12.5	+- 2.2
21	132	9.7	19.0	+- 0.6; 2.8	17.2	+- 0.6; 3.7	16.9	+- 2.1
22	210	6.5	19.8	+- 0.6; 3.0	18.0	+- 0.6; 3.7	17.8	+- 3.8

Transit Dose = 0.0 +- 0.2; 2.8

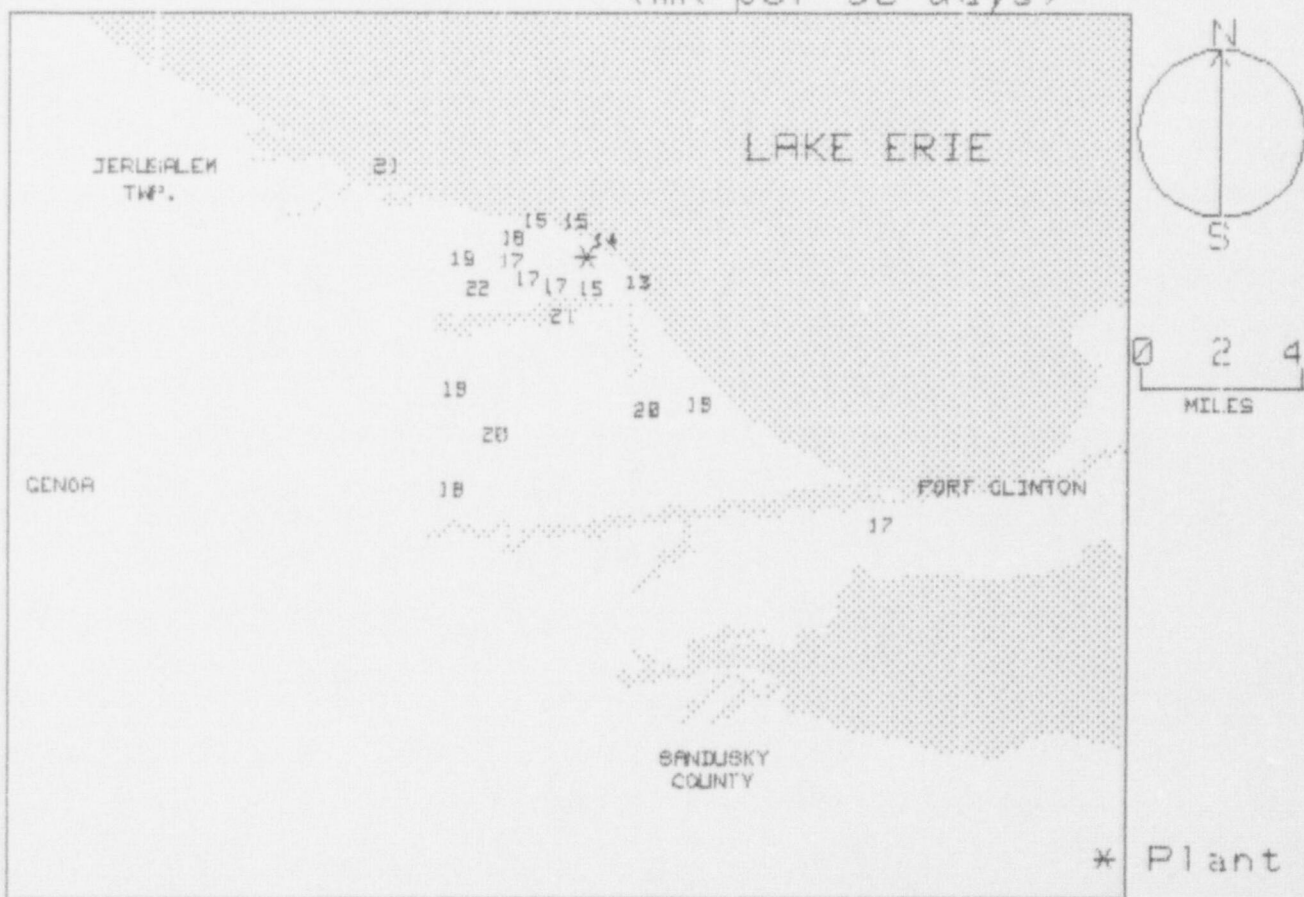
DAVIS BESSE
For the period 930322-930729

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	14.3 +- 0.0	1
33.76 - 56.25 NE	14.0 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	15.1 +- 0.0	1
101.26 - 123.75 ESE	13.4 +- 0.0	1
123.76 - 146.25 SE	19.5 +- 0.0	1
146.26 - 168.75 SSE	20.2 +- 0.0	1
168.76 - 191.25 S	15.2 +- 0.0	1
191.26 - 213.75 SSW	20.1 +- 0.6	2
213.76 - 236.25 SW	18.2 +- 1.5	2
236.26 - 258.75 WSW	19.7 +- 3.2	2
258.76 - 281.25 W	18.3 +- 1.4	2
281.26 - 303.75 WNW	19.6 +- 1.7	2
303.76 - 326.25 NW	15.2 +- 0.0	1
326.26 - 348.75 NNW	14.7 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.0 +- 2.1	12
2 - 5	20.0 +- 1.0	6
> 5	20.8 +- 0.0	1
Upwind Control	17.6 +- 0.6	2

NRC TLD DOSES FOR DAVIS-BESSE AREA
(mR per 90 days)



DC COOK

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 Days

Field Time: 97 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	54	1.7	17.7 +- 0.5; 2.7	13.3 +- 0.6; 3.8	14.6 +- 2.3
2	67	1.3	22.2 +- 0.7; 3.3	17.5 +- 0.7; 4.2	16.9 +- 2.6
3	89	1.1	15.5 +- 0.5; 2.3	11.2 +- 0.5; 3.6	13.7 +- 2.6
4	58	0.7	15.8 +- 0.5; 2.4	11.5 +- 0.5; 3.6	13.9 +- 2.6
5	19	2.3	18.0 +- 0.5; 2.7	13.6 +- 0.6; 3.8	14.5 +- 2.4
6	111	1.6	Missing Dosimeter	No Net Data	14.4 +- 2.4
7	135	1.5	17.5 +- 0.5; 2.6	13.1 +- 0.6; 3.8	14.2 +- 2.6
8	158	1.4	20.7 +- 0.6; 3.1	16.1 +- 0.7; 4.1	16.3 +- 2.6
9	171	1.9	17.2 +- 0.5; 2.6	12.9 +- 0.6; 3.7	13.7 +- 2.2
10	199	1.5	17.4 +- 0.5; 2.6	13.1 +- 0.6; 3.8	14.1 +- 2.4
11	195	3.9	16.3 +- 0.5; 2.5	12.1 +- 0.6; 3.7	14.2 +- 2.6
12	200	6.6	17.8 +- 0.5; 2.7	13.4 +- 0.6; 3.8	15.0 +- 2.5
13	179	3.9	Missing Dosimeter	No Net Data	17.2 +- 2.6
14	151	4.4	20.4 +- 0.6; 3.1	15.8 +- 0.6; 4.0	18.0 +- 2.6
15	130	4.6	22.4 +- 0.7; 3.4	17.7 +- 0.7; 4.2	18.2 +- 2.3
16	110	3.7	17.8 +- 0.5; 2.7	13.4 +- 0.6; 3.8	15.7 +- 2.2
17	88	3.6	19.0 +- 0.6; 2.9	14.5 +- 0.6; 3.9	15.1 +- 2.2
18	67	3.8	18.2 +- 0.5; 2.7	13.8 +- 0.6; 3.8	15.5 +- 2.6
19	24	3.8	16.2 +- 0.5; 2.4	11.9 +- 0.5; 3.6	14.2 +- 2.4
20	43	3.3	18.7 +- 0.6; 2.8	14.2 +- 0.6; 3.9	16.8 +- 3.1
21	26	9.9	21.6 +- 0.6; 3.2	17.0 +- 0.7; 4.2	18.1 +- 4.4
22	121	18.0	Missing Dosimeter	No Net Data	14.9 +- 2.3
23	121	18.0	Missing Dosimeter	No Net Data	15.2 +- 2.7
24	121	18.0	Missing Dosimeter	No Net Data	17.2 +- 2.7

Transit Dose = 3.4 +- 0.3; 3.1

DC COOK

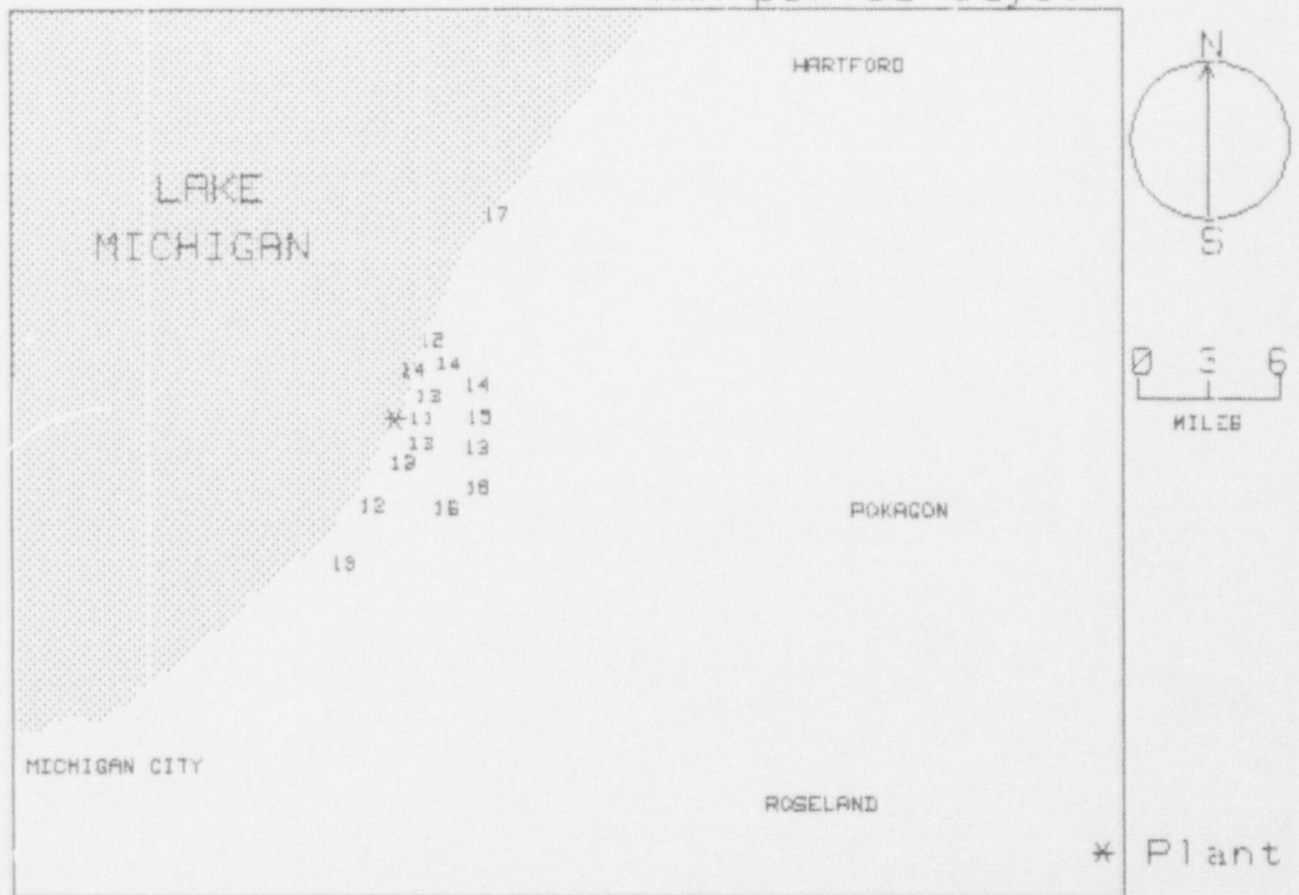
For the period 930322-930728

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	14.2 +- 2.6	3
33.76 - 56.25 NE	13.8 +- 0.6	2
56.26 - 78.75 ENE	14.3 +- 3.0	3
78.76 - 101.25 E	12.9 +- 2.3	2
101.26 - 123.75 ESE	13.4 +- 0.0	1
123.76 - 146.25 SE	15.4 +- 3.2	2
146.26 - 168.75 SSE	15.9 +- 0.2	2
168.76 - 191.25 S	12.9 +- 0.0	1
191.26 - 213.75 SSW	12.8 +- 0.7	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	13.6 +- 2.2	8
2 - 5	14.1 +- 1.8	9
> 5	15.2 +- 2.5	2
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR D.C. COOK AREA
(mR per 90 days)



DIABLO CANYON

TLD Direct Radiation Environmental Monitoring

For the period 930322-930721 122 Days

Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	132	0.9	27.3	+- 0.8; 4.1	22.5	+- 0.9; 5.0	23.2	+- 1.7
2	119	3.9	25.0	+- 0.7; 3.7	20.3	+- 0.8; 4.8	21.1	+- 1.6
3	107	7.2	22.1	+- 0.7; 3.3	17.5	+- 0.7; 4.4	19.7	+- 1.6
4	111	10.3	23.0	+- 0.7; 3.4	18.3	+- 0.8; 4.5	18.8	+- 1.7
5	115	13.9	23.0	+- 0.7; 3.4	18.3	+- 0.8; 4.5	20.0	+- 1.8
6	68	9.4	22.1	+- 0.7; 3.3	17.5	+- 0.7; 4.4	18.2	+- 1.8
7	359	11.1	19.9	+- 0.6; 3.0	15.2	+- 0.7; 4.2	16.4	+- 2.4
8	359	6.6	17.6	+- 0.5; 2.6	13.0	+- 0.6; 4.0	14.6	+- 1.5
9	339	4.8	17.2	+- 0.5; 2.6	12.6	+- 0.6; 3.9	13.6	+- 1.4
10	327	3.6	18.0	+- 0.5; 2.7	13.4	+- 0.6; 4.0	14.9	+- 2.6
11	325	1.2	18.7	+- 0.6; 2.8	14.1	+- 0.7; 4.1	14.6	+- 1.8
12	36	20.7	26.2	+- 0.8; 3.9	21.5	+- 0.9; 4.9	20.9	+- 1.5
13	36	20.7	25.3	+- 0.8; 3.8	20.6	+- 0.8; 4.8	20.8	+- 2.1
14	36	20.7	26.8	+- 0.8; 4.0	22.0	+- 0.9; 5.0	21.2	+- 1.6

Transit Dose = 4.5 +- 0.4; 3.0

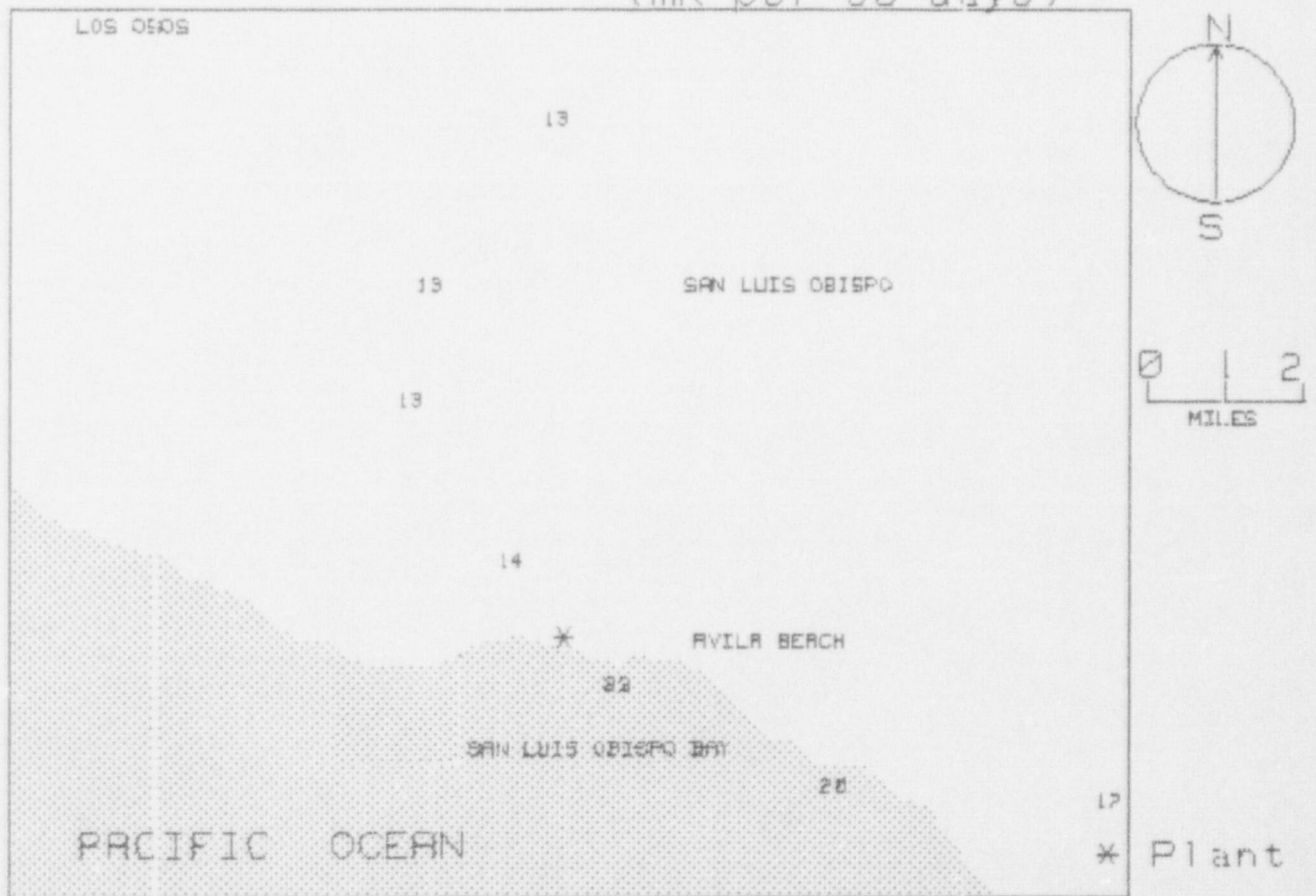
DIABLO CANYON
For the period 930322-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.1 +- 1.6	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	17.5 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	18.6 +- 1.2	4
123.76 - 146.25 SE	22.5 +- 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	14.1 +- 0.0	1
326.26 - 348.75 NNW	13.0 +- 0.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.3 +- 6.0	2
2 - 5	15.4 +- 4.2	3
> 5	16.6 +- 2.1	6
Upwind Control	21.4 +- 0.7	3

NRC TLD DOSES FOR DIABLO CANYON AREA
(mR per 90 days)



DRESDEN

TLD Direct Radiation Environmental Monitoring

For the period 930322-930723 124 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	70	4.2	19.6 +- 0.6; 2.9	15.6 +- 0.6; 4.0	17.1 +- 2.9
2	76	3.9	16.6 +- 0.5; 2.5	12.6 +- 0.6; 3.7	16.7 +- 3.2
3	108	3.2	19.8 +- 0.6; 3.0	15.7 +- 0.7; 4.0	17.5 +- 2.7
4	142	1.3	17.5 +- 0.5; 2.6	13.6 +- 0.6; 3.8	14.4 +- 3.0
5	115	1.5	17.2 +- 0.5; 2.6	13.3 +- 0.6; 3.8	14.5 +- 2.5
6	180	1.9	18.1 +- 0.5; 2.7	14.1 +- 0.6; 3.9	17.6 +- 3.2
7	179	0.5	19.6 +- 0.6; 2.9	15.6 +- 0.6; 4.0	16.7 +- 2.7
8	180	0.7	17.0 +- 0.5; 2.6	13.1 +- 0.6; 3.8	14.5 +- 2.5
9	253	0.5	20.8 +- 0.6; 3.1	16.7 +- 0.7; 4.1	17.9 +- 2.9
10	254	1.3	26.5 +- 0.8; 4.0	22.2 +- 0.8; 4.8	23.5 +- 4.3
11	250	1.5	17.6 +- 0.5; 2.6	13.7 +- 0.6; 3.8	15.1 +- 3.0
12	263	2.1	21.0 +- 0.6; 3.1	16.9 +- 0.7; 4.2	18.0 +- 2.6
13	180	4.0	16.8 +- 0.5; 2.5	12.9 +- 0.6; 3.7	13.8 +- 2.5
14	158	4.8	18.0 +- 0.5; 2.7	14.0 +- 0.6; 3.9	15.1 +- 2.4
15	137	4.2	16.4 +- 0.5; 2.5	12.5 +- 0.6; 3.7	15.4 +- 2.8
16	134	8.4	17.7 +- 0.5; 2.6	13.7 +- 0.6; 3.8	14.9 +- 2.6
17	189	7.4	19.0 +- 0.6; 2.8	14.9 +- 0.6; 4.0	15.8 +- 2.7
18	203	4.1	14.7 +- 0.4; 2.2	10.8 +- 0.5; 3.6	13.8 +- 3.1
19	231	4.0	Missing Dosimeter	No Net Data	18.7 +- 3.3
20	244	6.4	18.8 +- 0.6; 2.8	14.8 +- 0.6; 3.9	16.1 +- 3.2
21	258	8.6	20.0 +- 0.6; 3.0	15.9 +- 0.7; 4.1	16.9 +- 2.7
22	269	4.4	17.6 +- 0.5; 2.6	13.7 +- 0.6; 3.8	14.6 +- 2.7
23	301	3.5	17.7 +- 0.5; 2.7	13.7 +- 0.6; 3.8	15.3 +- 1.7
24	311	3.9	Missing Dosimeter	No Net Data	16.0 +- 3.0
25	340	4.7	20.0 +- 0.6; 3.0	15.9 +- 0.7; 4.1	18.9 +- 3.1
26	7	4.4	15.9 +- 0.5; 2.4	12.0 +- 0.6; 3.7	15.8 +- 2.8
27	355	2.0	23.7 +- 0.7; 3.5	19.4 +- 0.8; 4.4	20.4 +- 3.1
28	327	1.7	24.4 +- 0.7; 3.7	20.1 +- 0.8; 4.5	20.9 +- 2.9
29	318	1.4	20.0 +- 0.6; 3.0	15.9 +- 0.7; 4.1	18.2 +- 3.3
30	295	2.0	16.5 +- 0.5; 2.5	12.6 +- 0.6; 3.7	15.6 +- 3.4
31	30	1.5	21.2 +- 0.6; 3.2	17.1 +- 0.7; 4.2	19.5 +- 3.1
32	48	1.9	23.3 +- 0.7; 3.5	19.1 +- 0.7; 4.4	20.7 +- 3.2
33	76	1.4	21.1 +- 0.6; 3.2	17.0 +- 0.7; 4.2	19.1 +- 3.1
34	90	1.4	18.3 +- 0.5; 2.7	14.3 +- 0.6; 3.9	17.9 +- 3.6
35	26	4.5	18.8 +- 0.6; 2.8	14.8 +- 0.6; 3.9	17.7 +- 2.9
36	42	3.6	18.8 +- 0.6; 2.8	14.8 +- 0.6; 3.9	16.1 +- 3.1
37	52	11.5	19.1 +- 0.6; 2.9	15.1 +- 0.6; 4.0	17.0 +- 3.3
38	274	21.5	20.5 +- 0.6; 3.1	16.5 +- 0.7; 4.1	17.8 +- 3.4
39	274	21.5	20.4 +- 0.6; 3.1	16.3 +- 0.7; 4.1	17.7 +- 3.2
40	275	21.5	21.1 +- 0.6; 3.2	17.0 +- 0.7; 4.2	19.2 +- 3.7

Transit Dose = 3.4 +- 0.3; 3.0

DRESDEN

For the period 930322-930723

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 +- 5.3	2
11.26 - 33.75 NNE	15.9 +- 1.6	2
33.76 - 56.25 NE	16.3 +- 2.4	3
56.26 - 78.75 ENE	15.1 +- 2.2	3
78.76 - 101.25 E	14.3 +- 0.0	1
101.26 - 123.75 ESE	14.5 +- 1.7	2
123.76 - 146.25 SE	13.2 +- 0.7	3
146.26 - 168.75 SSE	14.0 +- 0.0	1
168.76 - 191.25 S	14.1 +- 1.2	5
191.26 - 213.75 SSW	10.8 +- 0.0	1
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	16.6 +- 3.3	5
258.76 - 281.25 W	15.3 +- 2.3	2
281.26 - 303.75 WNW	13.1 +- 0.8	2
303.76 - 326.25 NW	15.9 +- 0.0	1
326.26 - 348.75 NNW	18.0 +- 3.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.1 +- 2.9	16
2 - 5	14.0 +- 1.7	14
> 5	14.9 +- 0.8	5
Upwind Control	16.6 +- 0.4	3

MAP FOR DRESDEN

Map will be provided for this site in the future.

DUANE ARNOLD

TLD Direct Radiation Environmental Monitoring

For the period 930322-930720 121 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	163	9.7	18.2 +- 0.5; 2.7	17.9 +- 0.6; 3.9	16.5 +- 2.1
2	170	6.2	18.8 +- 0.6; 2.8	18.6 +- 0.6; 4.0	18.7 +- 1.9
3	180	3.5	15.7 +- 0.5; 2.4	15.4 +- 0.6; 3.7	15.4 +- 1.4
4	216	2.9	20.6 +- 0.6; 3.1	20.4 +- 0.7; 4.2	18.7 +- 2.4
5	201	2.5	17.4 +- 0.5; 2.6	17.2 +- 0.6; 3.8	15.2 +- 1.8
6	213	1.0	19.2 +- 0.6; 2.9	19.0 +- 0.7; 4.0	16.9 +- 1.9
7	248	1.0	20.5 +- 0.6; 3.1	20.4 +- 0.7; 4.2	18.8 +- 2.1
8	279	1.0	20.2 +- 0.6; 3.0	20.1 +- 0.7; 4.2	18.4 +- 2.0
9	298	1.0	20.9 +- 0.6; 3.1	20.8 +- 0.7; 4.2	19.5 +- 2.4
10	320	1.5	21.3 +- 0.6; 3.2	21.2 +- 0.7; 4.3	18.6 +- 2.2
11	343	1.0	20.5 +- 0.6; 3.1	20.4 +- 0.7; 4.2	19.4 +- 2.3
12	359	1.2	20.3 +- 0.6; 3.1	20.2 +- 0.7; 4.2	18.2 +- 2.0
13	237	0.5	18.8 +- 0.6; 2.8	18.6 +- 0.6; 4.0	17.5 +- 2.1
14	259	3.9	19.9 +- 0.6; 3.0	19.7 +- 0.7; 4.1	18.0 +- 2.2
15	272	5.0	16.0 +- 0.5; 2.4	15.7 +- 0.6; 3.7	15.1 +- 1.8
16	285	5.0	17.3 +- 0.5; 2.6	17.0 +- 0.6; 3.8	16.8 +- 1.9
17	308	4.5	20.8 +- 0.6; 3.1	20.7 +- 0.7; 4.2	18.8 +- 2.2
18	340	4.5	Missing Dosimeter	No Net Data	15.6 +- 1.6
19	291	15.0	19.3 +- 0.6; 2.9	19.1 +- 0.7; 4.1	17.0 +- 1.7
20	291	15.0	19.9 +- 0.6; 3.0	19.8 +- 0.7; 4.1	17.8 +- 2.2
21	291	15.0	17.4 +- 0.5; 2.6	17.1 +- 0.6; 3.8	16.5 +- 1.9
22	358	6.1	18.2 +- 0.5; 2.7	18.0 +- 0.6; 3.9	15.8 +- 1.6
23	7	2.9	17.6 +- 0.5; 2.6	17.3 +- 0.6; 3.9	15.2 +- 1.9
24	28	3.0	20.0 +- 0.6; 3.0	19.9 +- 0.7; 4.1	18.6 +- 2.1
25	39	3.5	18.8 +- 0.6; 2.8	18.7 +- 0.6; 4.0	17.2 +- 1.8
26	64	3.8	19.4 +- 0.6; 2.9	19.2 +- 0.7; 4.1	17.7 +- 1.8
27	50	1.9	17.6 +- 0.5; 2.6	17.4 +- 0.6; 3.9	15.6 +- 1.8
28	72	2.3	17.9 +- 0.5; 2.7	17.7 +- 0.6; 3.9	17.2 +- 1.6
29	91	3.0	17.6 +- 0.5; 2.6	17.3 +- 0.6; 3.9	15.5 +- 1.8
30	93	1.8	20.0 +- 0.6; 3.0	19.9 +- 0.7; 4.1	19.0 +- 1.8
31	113	2.0	20.6 +- 0.6; 3.1	20.4 +- 0.7; 4.2	19.1 +- 1.8
32	141	1.6	17.5 +- 0.5; 2.6	17.3 +- 0.6; 3.9	15.4 +- 1.8
33	153	1.5	19.3 +- 0.6; 2.9	19.1 +- 0.7; 4.1	17.5 +- 2.0
34	177	1.2	Missing Dosimeter	No Net Data	15.8 +- 2.6
35	153	4.2	17.4 +- 0.5; 2.6	17.1 +- 0.6; 3.8	15.0 +- 1.8
36	135	4.1	18.5 +- 0.6; 2.8	18.3 +- 0.6; 4.0	16.5 +- 1.8
37	111	4.6	19.7 +- 0.6; 3.0	19.5 +- 0.7; 4.1	18.7 +- 1.9
38	123	5.1	20.4 +- 0.6; 3.1	20.2 +- 0.7; 4.2	18.6 +- 1.9
39	132	7.0	17.7 +- 0.5; 2.7	17.4 +- 0.6; 3.9	15.8 +- 1.7
40	139	7.6	17.4 +- 0.5; 2.6	17.1 +- 0.6; 3.8	16.6 +- 1.6

Transit Dose = 1.0 +- 0.2; 2.6

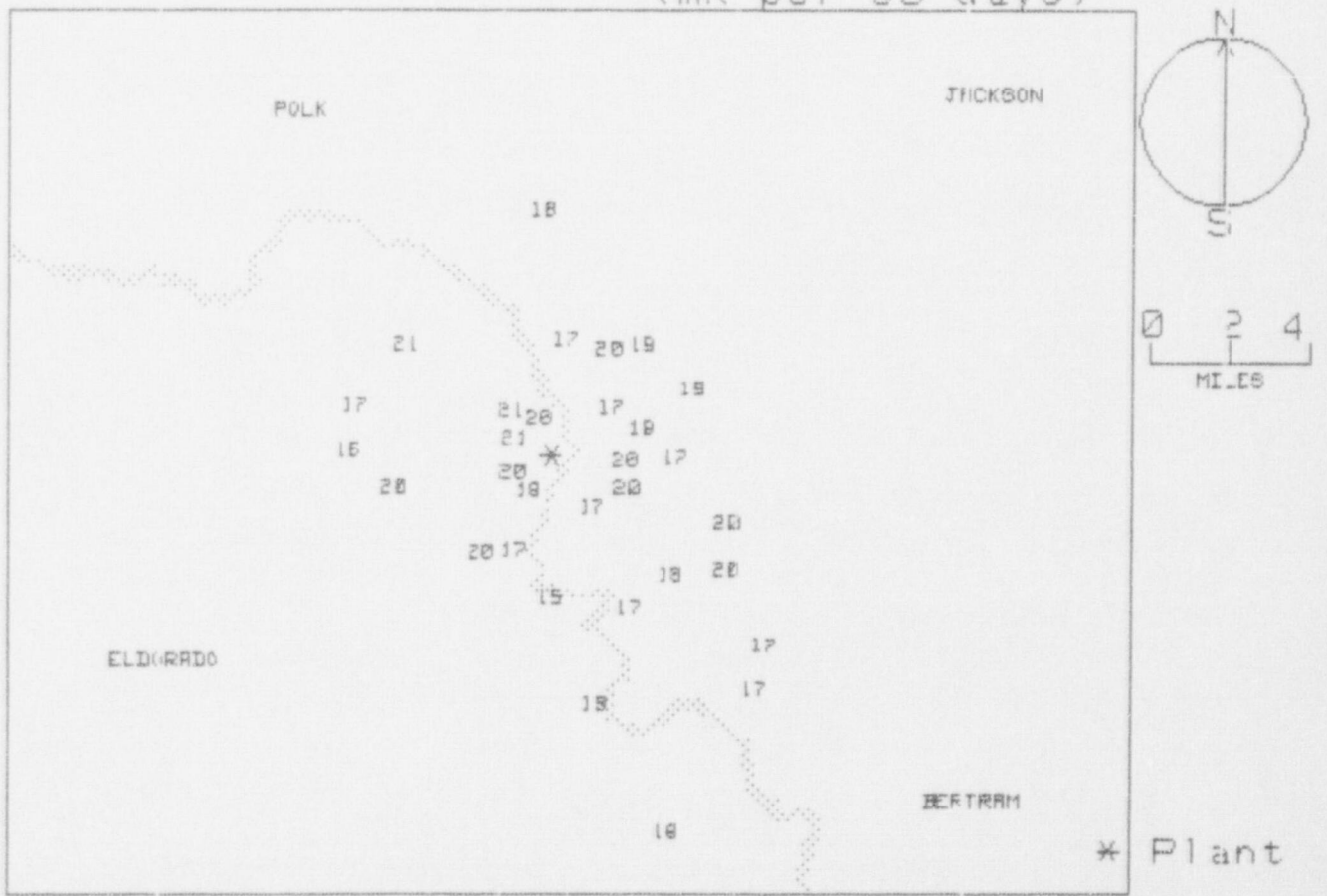
DUANE ARNOLD
For the period 930322-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.5 +- 1.5	3
11.26 - 33.75 NNE	19.9 +- 0.0	1
33.76 - 56.25 NE	18.0 +- 0.9	2
56.26 - 78.75 ENE	18.4 +- 1.1	2
78.76 - 101.25 E	18.6 +- 1.8	2
101.26 - 123.75 ESE	20.1 +- 0.5	3
123.76 - 146.25 SE	17.5 +- 0.5	4
146.26 - 168.75 SSE	18.1 +- 1.0	3
168.76 - 191.25 S	17.0 +- 2.2	2
191.26 - 213.75 SSW	18.1 +- 1.3	2
213.76 - 236.25 SW	20.4 +- 0.0	1
236.26 - 258.75 WSW	19.5 +- 1.2	2
258.76 - 281.25 W	18.5 +- 2.5	3
281.26 - 303.75 WNW	18.9 +- 2.7	2
303.76 - 326.25 NW	20.9 +- 0.4	2
326.26 - 348.75 NNW	20.4 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.6 +- 1.2	13
2 - 5	18.2 +- 1.6	16
> 5	18.2 +- 1.1	6
Upwind Control	18.7 +- 1.4	3

NRC TLD DOSES FOR DUANE ARNOLD AREA (mR per 90 days)



FARLEY

TLD Direct Radiation Environmental Monitoring

For the period 930324-930728 127 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	268 15.0	16.9 +- 0.5; 2.5	10.3 +- 0.6; 3.8	14.6 +- 2.5
2	252 7.8	16.1 +- 0.5; 2.4	9.5 +- 0.6; 3.8	14.8 +- 2.5
3	217 6.1	19.3 +- 0.6; 2.9	12.5 +- 0.7; 4.0	15.9 +- 2.1
4	155 5.7	23.6 +- 0.7; 3.5	16.4 +- 0.8; 4.5	18.7 +- 2.2
5	170 5.1	18.9 +- 0.6; 2.8	12.1 +- 0.6; 4.0	15.8 +- 2.1
6	197 4.5	17.3 +- 0.5; 2.6	10.7 +- 0.6; 3.9	14.8 +- 2.1
7	191 2.4	20.2 +- 0.6; 3.0	13.3 +- 0.7; 4.1	18.6 +- 2.3
8	200 1.8	20.2 +- 0.6; 3.0	13.3 +- 0.7; 4.1	15.8 +- 2.3
9	220 1.2	16.9 +- 0.5; 2.5	10.2 +- 0.6; 3.8	14.2 +- 2.2
10	254 0.9	20.4 +- 0.6; 3.1	13.5 +- 0.7; 4.1	16.3 +- 2.1
11	300 0.9	20.7 +- 0.6; 3.1	13.8 +- 0.7; 4.2	16.2 +- 2.1
12	319 1.1	19.6 +- 0.6; 2.9	12.8 +- 0.7; 4.1	16.5 +- 2.4
13	338 1.3	18.3 +- 0.5; 2.7	11.5 +- 0.6; 4.0	14.8 +- 2.1
14	256 1.2	18.3 +- 0.5; 2.7	11.6 +- 0.6; 4.0	15.2 +- 2.2
15	16 1.3	22.9 +- 0.7; 3.4	15.8 +- 0.7; 4.4	20.6 +- 2.1
16	264 1.6	18.2 +- 0.5; 2.7	11.5 +- 0.6; 3.9	15.2 +- 2.1
17	253 3.5	21.2 +- 0.6; 3.2	14.3 +- 0.7; 4.2	17.4 +- 2.1
18	233 3.2	18.8 +- 0.6; 2.8	12.0 +- 0.6; 4.0	15.5 +- 2.1
19	267 4.5	19.3 +- 0.6; 2.9	12.5 +- 0.7; 4.0	16.4 +- 2.1
20	295 3.8	Missing Dosimeter	No Net Data	16.5 +- 2.6
21	315 4.6	17.9 +- 0.5; 2.7	11.2 +- 0.6; 3.9	14.8 +- 2.3
22	332 4.3	17.0 +- 0.5; 2.5	10.4 +- 0.6; 3.8	14.6 +- 2.0
23	251 4.8	17.7 +- 0.5; 2.7	11.1 +- 0.6; 3.9	14.3 +- 2.0
24	32 5.3	20.4 +- 0.6; 3.1	13.5 +- 0.7; 4.1	16.7 +- 2.0
25	54 6.2	16.9 +- 0.5; 2.5	10.3 +- 0.6; 3.8	14.5 +- 2.2
26	64 5.5	19.0 +- 0.6; 2.8	12.2 +- 0.6; 4.0	16.2 +- 2.1
27	88 4.7	18.8 +- 0.6; 2.8	12.1 +- 0.6; 4.0	15.9 +- 2.0
28	124 5.1	19.8 +- 0.6; 3.0	13.0 +- 0.7; 4.1	16.5 +- 2.1
29	153 4.1	19.4 +- 0.6; 2.9	12.6 +- 0.7; 4.1	15.8 +- 2.1
30	142 3.6	17.3 +- 0.5; 2.6	10.7 +- 0.6; 3.9	14.5 +- 1.9
31	130 3.0	15.4 +- 0.5; 2.3	8.9 +- 0.6; 3.7	13.7 +- 2.2
32	110 2.8	17.1 +- 0.5; 2.6	10.4 +- 0.6; 3.8	14.7 +- 2.3
33	78 2.6	16.9 +- 0.5; 2.5	10.3 +- 0.6; 3.8	14.6 +- 2.4
34	58 2.2	17.1 +- 0.5; 2.6	10.4 +- 0.6; 3.8	13.4 +- 2.2
35	34 2.4	23.9 +- 0.7; 3.6	16.7 +- 0.8; 4.5	19.5 +- 2.2
36	19 2.7	19.8 +- 0.6; 3.0	12.9 +- 0.7; 4.1	17.0 +- 2.0
37	284 10.0	18.6 +- 0.6; 2.8	11.8 +- 0.6; 4.0	15.9 +- 2.2
38	289 15.0	20.0 +- 0.6; 3.0	13.2 +- 0.7; 4.1	15.2 +- 3.4
39	293 15.0	21.2 +- 0.6; 3.2	14.3 +- 0.7; 4.2	16.8 +- 1.9

Transit Dose = 5.7 +- 0.4; 3.3

FARLEY

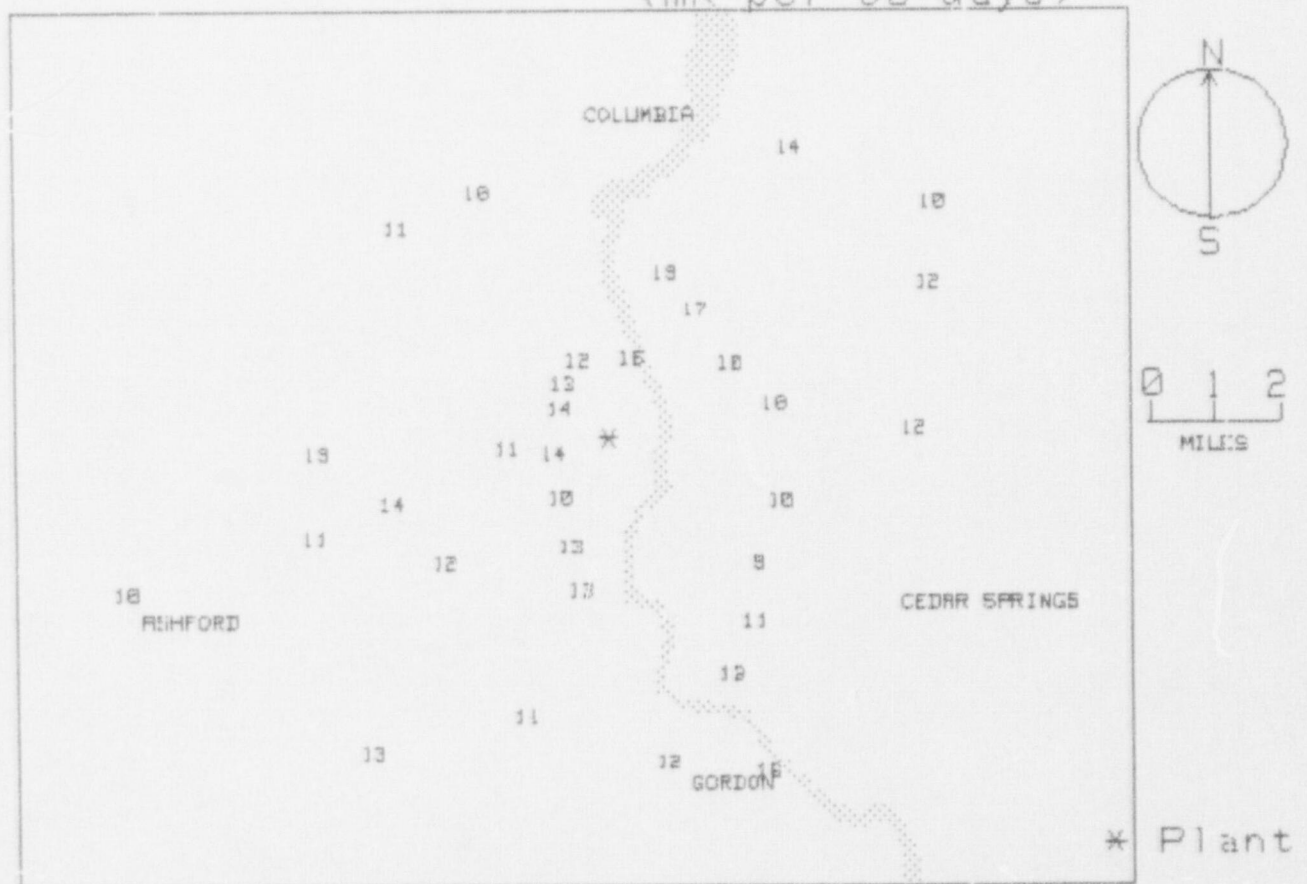
For the period 930324-930728

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	14.1 +- 1.5	3
33.76 - 56.25 NE	13.5 +- 4.6	2
56.26 - 78.75 ENE	11.0 +- 1.1	3
78.76 - 101.25 E	12.1 +- 0.0	1
101.26 - 123.75 ESE	10.4 +- 0.0	1
123.76 - 146.25 SE	10.9 +- 2.1	3
146.26 - 168.75 SSE	14.5 +- 2.7	2
168.76 - 191.25 S	12.7 +- 0.9	2
191.26 - 213.75 SSW	12.0 +- 1.8	2
213.76 - 236.25 SW	11.6 +- 1.2	3
236.26 - 258.75 WSW	12.0 +- 1.9	5
258.76 - 281.25 W	11.4 +- 1.1	3
281.26 - 303.75 WNW	13.8 +- 0.0	1
303.76 - 326.25 NW	12.0 +- 1.1	2
326.26 - 348.75 NNW	11.0 +- 0.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.7 +- 1.7	9
2 - 5	11.8 +- 1.9	17
> 5	12.2 +- 2.1	9
Upwind Control	13.1 +- 1.2	3

NRC TLD DOSES FOR FARLEY AREA
(mR per 90 days)



FERMI

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 Days

Field Time: 95 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	38	2.1	15.2	+- 0.5; 2.3	10.1	+- 0.6; 3.7	14.2	+- 3.3
2	22	2.3	19.1	+- 0.6; 2.9	13.8	+- 0.6; 4.0	15.5	+- 3.3
3	350	1.8	26.1	+- 0.8; 3.9	20.4	+- 0.8; 4.7	20.1	+- 2.2
4	345	1.9	21.0	+- 0.6; 3.1	15.6	+- 0.7; 4.2	16.3	+- 2.5
5	346	1.4	21.5	+- 0.6; 3.2	16.1	+- 0.7; 4.3	17.4	+- 2.4
6	310	1.3	22.4	+- 0.7; 3.4	16.9	+- 0.7; 4.3	17.4	+- 2.7
7	298	1.4	22.5	+- 0.7; 3.4	17.0	+- 0.7; 4.4	17.1	+- 2.3
8	277	1.6	23.1	+- 0.7; 3.5	17.6	+- 0.7; 4.4	17.2	+- 2.1
9	238	1.0	19.5	+- 0.6; 2.9	14.2	+- 0.7; 4.1	15.8	+- 3.1
10	225	1.5	Missing Dosimeter		No Net Data		14.4	+- 2.4
11	193	0.8	22.6	+- 0.7; 3.4	17.1	+- 0.7; 4.4	17.0	+- 2.2
12	183	0.9	21.7	+- 0.7; 3.3	16.3	+- 0.7; 4.3	16.9	+- 2.3
13	175	0.8	21.5	+- 0.6; 3.2	16.1	+- 0.7; 4.3	16.5	+- 2.2
14	260	1.7	23.7	+- 0.7; 3.6	18.2	+- 0.8; 4.5	18.5	+- 2.2
15	245	2.5	19.6	+- 0.6; 2.9	14.3	+- 0.7; 4.1	15.8	+- 2.4
16	236	5.0	23.2	+- 0.7; 3.5	17.7	+- 0.7; 4.4	19.2	+- 2.1
17	225	6.8	17.7	+- 0.5; 2.7	12.5	+- 0.6; 3.9	13.2	+- 2.5
18	250	7.8	16.7	+- 0.5; 2.5	11.5	+- 0.6; 3.8	14.0	+- 2.9
19	277	6.0	18.5	+- 0.6; 2.8	13.3	+- 0.6; 4.0	14.5	+- 2.2
20	297	6.0	19.5	+- 0.6; 2.9	14.2	+- 0.7; 4.1	16.5	+- 2.8
21	320	3.8	22.3	+- 0.7; 3.4	16.9	+- 0.7; 4.3	16.0	+- 1.3
22	340	4.7	23.3	+- 0.7; 3.5	17.8	+- 0.7; 4.4	17.8	+- 2.2
23	358	4.3	22.5	+- 0.7; 3.4	17.0	+- 0.7; 4.4	18.2	+- 2.7
24	23	5.0	23.9	+- 0.7; 3.6	18.4	+- 0.8; 4.5	19.4	+- 2.3
25	25	7.0	16.9	+- 0.5; 2.5	11.7	+- 0.6; 3.8	14.3	+- 2.4
26	0	7.0	19.1	+- 0.6; 2.9	13.8	+- 0.6; 4.0	15.1	+- 2.6
27	342	8.0	24.2	+- 0.7; 3.6	18.7	+- 0.8; 4.5	16.2	+- 2.4
28	320	9.5	19.8	+- 0.6; 3.0	14.5	+- 0.7; 4.1	15.3	+- 2.2
29	290	11.0	23.9	+- 0.7; 3.6	18.3	+- 0.8; 4.5	17.7	+- 2.3
30	270	11.0	25.1	+- 0.8; 3.8	19.6	+- 0.8; 4.6	18.5	+- 2.3
31	245	10.0	21.0	+- 0.6; 3.2	15.6	+- 0.7; 4.2	15.6	+- 2.2
32	220	11.0	19.1	+- 0.6; 2.9	13.9	+- 0.6; 4.0	16.6	+- 2.4
33	270	15.0	18.8	+- 0.6; 2.8	13.6	+- 0.6; 4.0	14.9	+- 2.3
34	270	15.0	19.2	+- 0.6; 2.9	13.9	+- 0.6; 4.0	15.1	+- 2.2
35	290	16.0	21.0	+- 0.6; 3.1	15.6	+- 0.7; 4.2	16.1	+- 2.1
36	350	0.8	19.8	+- 0.6; 3.0	14.5	+- 0.7; 4.1	15.6	+- 3.4
37	330	0.7	20.7	+- 0.6; 3.1	15.3	+- 0.7; 4.2	16.2	+- 2.7
38	310	0.7	16.4	+- 0.5; 2.5	11.3	+- 0.6; 3.8	15.9	+- 3.1
39	23	10.0	23.4	+- 0.7; 3.5	17.9	+- 0.8; 4.4	17.2	+- 2.3
40	0	9.0	24.7	+- 0.7; 3.7	19.2	+- 0.8; 4.6	18.2	+- 2.1
41	348	9.0	19.2	+- 0.6; 2.9	13.9	+- 0.6; 4.0	14.3	+- 2.5

Transit Dose = 4.5 +- 0.4; 3.1

FERMI

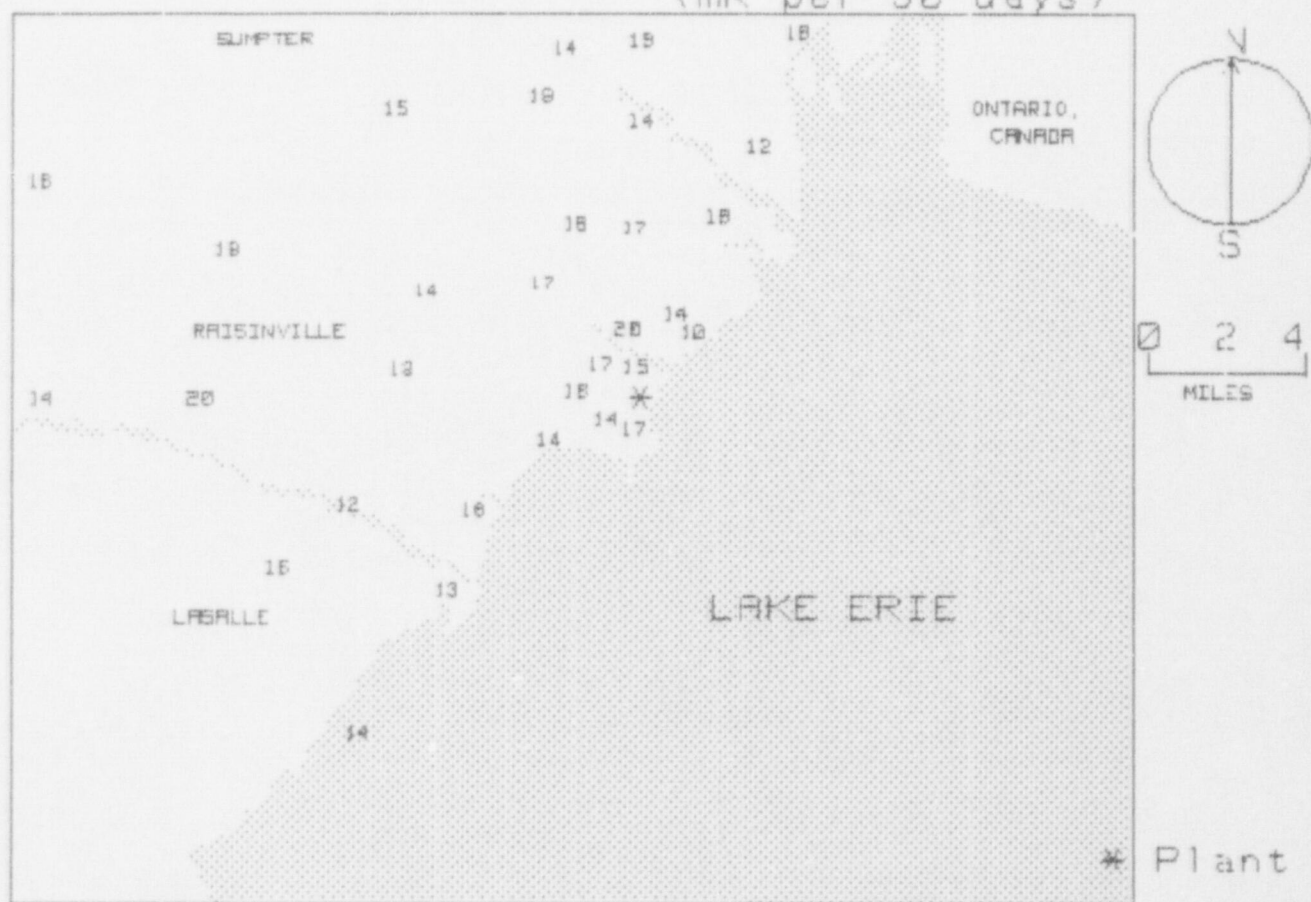
For the period 930322-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.0 +- 2.9	5
11.26 - 33.75 NNE	15.4 +- 3.2	4
33.76 - 56.25 NE	10.1 +- 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	16.2 +- 0.1	2
191.26 - 213.75 SSW	17.1 +- 0.0	1
213.76 - 236.25 SW	14.7 +- 2.7	3
236.26 - 258.75 WSW	13.9 +- 1.7	4
258.76 - 281.25 W	17.2 +- 2.7	4
281.26 - 303.75 WNW	16.5 +- 2.1	3
303.76 - 326.25 NW	14.9 +- 2.7	4
326.26 - 348.75 NNW	16.2 +- 1.7	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.2 +- 2.1	14
2 - 5	15.8 +- 2.8	8
> 5	15.2 +- 2.8	15
Upwind Control	14.4 +- 1.1	3

NRC TLD DOSES FOR FERMI AREA
(mR per 90 days)



FITZ/NMP

TLD Direct Radiation Environmental Monitoring

For the period 930325-930720 118 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	230	6.9	17.0	+- 0.5; 2.6	14.6	+- 0.6; 4.0	14.7	+- 1.4
2	184	14.0	17.2	+- 0.5; 2.6	14.8	+- 0.6; 4.0	15.7	+- 1.4
3	122	8.4	16.1	+- 0.5; 2.4	13.6	+- 0.6; 3.9	14.5	+- 1.6
4	76	11.0	17.5	+- 0.5; 2.6	15.1	+- 0.6; 4.0	14.9	+- 1.0
5	91	6.8	17.0	+- 0.5; 2.6	14.6	+- 0.6; 4.0	15.4	+- 1.7
6	112	4.3	Missing Dosimeter		No Net Data		15.1	+- 1.2
7	138	4.3	16.9	+- 0.5; 2.5	14.5	+- 0.6; 3.9	15.1	+- 1.3
8	152	3.6	16.7	+- 0.5; 2.5	14.3	+- 0.6; 3.9	15.1	+- 1.4
9	183	3.9	17.2	+- 0.5; 2.6	14.8	+- 0.6; 4.0	15.4	+- 1.1
10	205	4.5	16.2	+- 0.5; 2.4	13.7	+- 0.6; 3.9	14.3	+- 1.5
11	220	4.4	16.4	+- 0.5; 2.5	13.9	+- 0.6; 3.9	15.3	+- 1.3
12	230	6.1	17.1	+- 0.5; 2.6	14.7	+- 0.6; 4.0	15.5	+- 1.3
13	245	1.8	16.6	+- 0.5; 2.5	14.2	+- 0.6; 3.9	15.2	+- 1.3
14	223	1.8	15.5	+- 0.5; 2.5	13.0	+- 0.6; 3.8	14.7	+- 1.4
15	204	2.0	Missing Dosimeter		No Net Data		14.7	+- 1.6
16	181	1.8	17.0	+- 0.5; 2.5	14.6	+- 0.6; 3.9	14.9	+- 1.2
17	157	1.9	Missing Dosimeter		No Net Data		15.1	+- 1.1
18	137	1.6	16.9	+- 0.5; 2.5	14.5	+- 0.6; 3.9	14.7	+- 1.2
19	115	1.2	16.5	+- 0.5; 2.5	14.1	+- 0.6; 3.9	14.8	+- 1.6
20	92	1.1	17.1	+- 0.5; 2.6	14.7	+- 0.6; 4.0	15.5	+- 1.4
21	229	20.0	16.3	+- 0.5; 2.4	13.9	+- 0.6; 3.9	14.8	+- 1.4
22	229	20.0	16.6	+- 0.5; 2.5	14.2	+- 0.6; 3.9	14.5	+- 1.3
23	229	20.0	16.7	+- 0.5; 2.5	14.3	+- 0.6; 3.9	14.7	+- 1.2
24	196	8.0	17.0	+- 0.5; 2.6	14.6	+- 0.6; 4.0	14.5	+- 1.6
25	168	7.2	16.3	+- 0.5; 2.4	13.8	+- 0.6; 3.9	14.3	+- 1.2
26	152	0.6	17.4	+- 0.5; 2.6	15.0	+- 0.6; 4.0	16.1	+- 1.3

Transit Dose = 3.2 +- 0.3; 2.7

FITZ/NMP

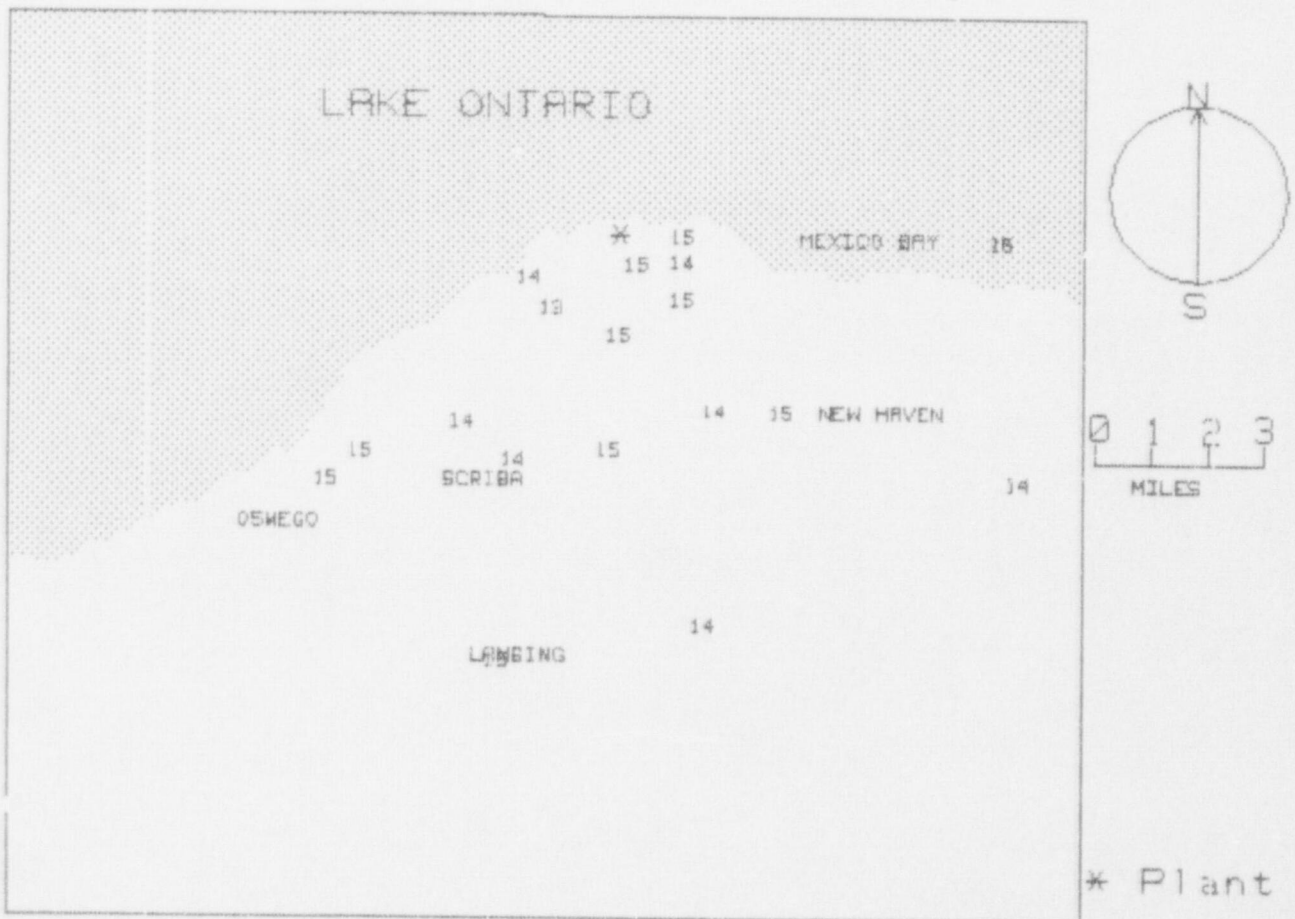
For the period 930325-930720

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	15.1 +- 0.0	1
78.76 - 101.25 E	14.6 +- 0.0	2
101.26 - 123.75 ESE	13.9 +- 0.3	2
123.76 - 146.25 SE	14.5 +- 0.0	2
146.26 - 168.75 SSE	14.4 +- 0.6	3
168.76 - 191.25 S	14.7 +- 0.1	3
191.26 - 213.75 SSW	14.2 +- 0.6	2
213.76 - 236.25 SW	14.1 +- 0.8	4
236.26 - 258.75 WSW	14.2 +- 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	14.3 +- 0.6	7
2 - 5	14.3 +- 0.4	5
> 5	14.5 +- 0.5	8
Upwind Control	14.1 +- 0.2	3

NRC TLD DOSES FOR NINE MILE PT/J.FITZPATRICK AREA
(mR per 90 days)



FORT CALHOUN

TLD Direct Radiation Environmental Monitoring

For the period 930325-930721 119 Days

Field Time: 78 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm;	Tot.	+Rdm;	Tot.	+1 Std Dev	-1 Std Dev
1	358	2.0	21.9	+ 0.7; 3.3	17.4	+ 0.9; 5.0	19.1	+ 2.8
2	351	4.6	23.1	+ 0.7; 3.5	18.8	+ 0.9; 5.2	19.7	+ 2.9
3	30	2.5	23.0	+ 0.7; 3.5	18.7	+ 0.9; 5.2	19.5	+ 2.8
4	27	4.6	21.8	+ 0.7; 3.3	17.3	+ 0.9; 5.0	20.1	+ 1.8
5	53	1.9	22.5	+ 0.7; 3.4	18.1	+ 0.9; 5.1	19.2	+ 2.7
6	37	3.9	24.1	+ 0.7; 3.6	20.0	+ 1.0; 5.3	20.0	+ 2.6
7	76	2.3	23.9	+ 0.7; 3.6	19.7	+ 0.9; 5.3	20.5	+ 2.8
8	59	5.2	23.7	+ 0.7; 3.6	19.6	+ 0.9; 5.3	19.5	+ 2.9
9	100	2.3	22.4	+ 0.7; 3.4	18.1	+ 0.9; 5.1	17.9	+ 2.8
10	88	5.6	23.6	+ 0.7; 3.5	19.4	+ 0.9; 5.3	20.3	+ 2.9
11	122	2.3	23.8	+ 0.7; 3.6	19.6	+ 0.9; 5.3	19.9	+ 2.2
12	105	5.7	23.6	+ 0.7; 3.5	19.5	+ 0.9; 5.3	19.2	+ 2.6
13	145	1.9	24.8	+ 0.7; 3.7	20.7	+ 1.0; 5.4	20.3	+ 2.3
14	128	5.5	23.9	+ 0.7; 3.6	19.7	+ 0.9; 5.3	20.0	+ 3.0
15	157	1.9	23.8	+ 0.7; 3.6	19.7	+ 0.9; 5.3	21.0	+ 2.6
16	150	4.9	22.9	+ 0.7; 3.4	18.7	+ 0.9; 5.2	20.5	+ 2.7
17	173	0.5	23.6	+ 0.7; 3.5	19.4	+ 0.9; 5.3	20.1	+ 3.0
18	173	5.3	22.8	+ 0.7; 3.4	18.5	+ 0.9; 5.2	21.2	+ 2.6
19	212	2.5	24.6	+ 0.7; 3.7	20.6	+ 1.0; 5.4	22.7	+ 2.7
20	204	5.3	23.9	+ 0.7; 3.6	19.8	+ 0.9; 5.3	21.4	+ 2.6
21	233	2.0	23.7	+ 0.7; 3.6	19.5	+ 0.9; 5.3	21.7	+ 2.8
22	224	4.6	24.0	+ 0.7; 3.6	19.9	+ 0.9; 5.3	21.8	+ 2.8
23	239	0.6	23.4	+ 0.7; 3.5	19.2	+ 0.9; 5.2	20.1	+ 2.7
24	243	6.9	21.7	+ 0.7; 3.3	17.2	+ 0.9; 5.0	18.6	+ 2.6
25	269	3.3	24.4	+ 0.7; 3.7	20.4	+ 1.0; 5.4	22.0	+ 3.2
26	262	5.9	24.7	+ 0.7; 3.7	20.7	+ 1.0; 5.4	22.2	+ 2.7
27	350	3.0	21.9	+ 0.7; 3.3	17.5	+ 0.9; 5.0	19.3	+ 4.3
28	292	5.0	23.8	+ 0.7; 3.6	19.6	+ 0.9; 5.3	20.4	+ 2.5
29	311	2.4	23.5	+ 0.7; 3.5	19.3	+ 0.9; 5.2	20.5	+ 2.7
30	310	5.5	24.9	+ 0.7; 3.7	20.9	+ 1.0; 5.4	21.1	+ 2.5
31	340	2.3	22.1	+ 0.7; 3.3	17.7	+ 0.9; 5.1	19.7	+ 2.9
32	338	5.3	22.6	+ 0.7; 3.4	18.2	+ 0.9; 5.1	20.3	+ 2.7
33	182	0.5	24.3	+ 0.7; 3.6	20.2	+ 1.0; 5.3	20.2	+ 2.6
35	127	2.2	22.7	+ 0.7; 3.4	18.4	+ 0.9; 5.1	18.8	+ 2.1
39	150	5.0	22.1	+ 0.7; 3.3	17.7	+ 0.9; 5.1	18.5	+ 2.0
40	73	9.5	23.0	+ 0.7; 3.5	18.8	+ 0.9; 5.2	20.5	+ 3.0
43	29	8.0	22.3	+ 0.7; 3.3	17.9	+ 0.9; 5.1	19.1	+ 3.1
44	65	3.5	21.2	+ 0.6; 3.2	16.6	+ 0.9; 4.9	18.1	+ 2.7
45	182	4.2	23.4	+ 0.7; 3.5	19.1	+ 0.9; 5.2	20.7	+ 2.5
47	298	4.5	23.3	+ 0.7; 3.5	19.0	+ 0.9; 5.2	20.0	+ 2.9
48	13	14.0	23.4	+ 0.7; 3.5	19.2	+ 0.9; 5.2	19.7	+ 1.8
49	207	18.0	25.2	+ 0.8; 3.8	21.3	+ 1.0; 5.5	21.0	+ 3.1

Transit Dose = 6.8 +- 0.4; 2.9

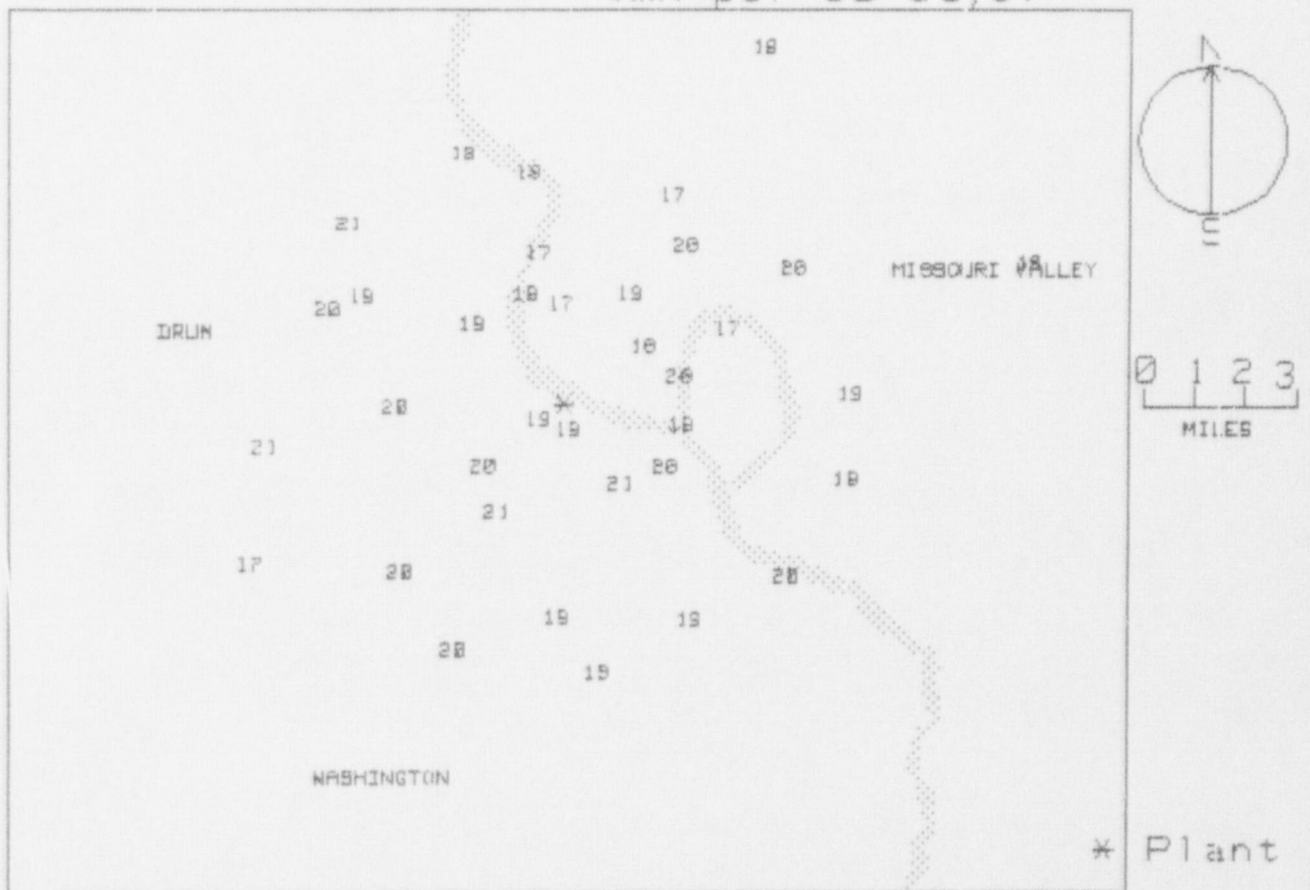
FORT CALHOUN
For the period 930325-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.9 +- 0.8	3
11.26 - 33.75 NNE	18.0 +- 0.7	3
33.76 - 56.25 NE	19.1 +- 1.3	2
56.26 - 78.75 ENE	18.7 +- 1.4	4
78.76 - 101.25 E	18.8 +- 1.0	2
101.26 - 123.75 ESE	19.5 +- 0.1	2
123.76 - 146.25 SE	19.6 +- 1.2	3
146.26 - 168.75 SSE	18.7 +- 1.0	3
168.76 - 191.25 S	19.3 +- 0.7	4
191.26 - 213.75 SSW	20.2 +- 0.5	2
213.76 - 236.25 SW	19.7 +- 0.2	2
236.26 - 258.75 WSW	18.2 +- 1.4	2
258.76 - 281.25 W	20.5 +- 0.2	2
281.26 - 303.75 WNW	19.3 +- 0.4	2
303.76 - 326.25 NW	20.1 +- 1.2	2
326.26 - 348.75 NNW	18.0 +- 0.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.3 +- 1.1	8
2 - 5	18.8 +- 1.1	20
> 5	19.2 +- 1.1	12
Upwind Control	20.2 +- 1.5	2

NRC TLD DOSES FOR FORT CALHOUN AREA
(mR per 90 days)



FORT ST. VRAIN
 TLD Direct Radiation Environmental Monitoring
 For the period 930322-930728 129 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	8	0.8	40.0 +- 1.2; 6.0	32.8 +- 1.3; 6.7	30.1 +- 3.2
2	2	3.3	39.8 +- 1.2; 6.0	32.7 +- 1.3; 6.7	29.4 +- 3.4
3	29	2.6	39.8 +- 1.2; 6.0	32.6 +- 1.3; 6.7	29.9 +- 3.5
4	17	5.4	40.3 +- 1.2; 6.0	33.2 +- 1.3; 6.8	30.1 +- 3.6
5	54	2.1	40.1 +- 1.2; 6.0	33.0 +- 1.3; 6.8	28.7 +- 3.6
6	48	4.8	39.8 +- 1.2; 6.0	32.7 +- 1.3; 6.7	30.9 +- 3.2
7	76	2.6	40.9 +- 1.2; 6.1	33.7 +- 1.3; 6.9	31.8 +- 3.5
8	58	4.2	41.6 +- 1.2; 6.2	34.4 +- 1.3; 6.9	30.4 +- 3.2
9	100	1.5	40.0 +- 1.2; 6.0	32.8 +- 1.3; 6.7	30.8 +- 3.3
10	87	4.5	39.9 +- 1.2; 6.0	32.7 +- 1.3; 6.7	29.3 +- 3.2
11	118	1.6	43.2 +- 1.3; 6.5	36.1 +- 1.4; 7.2	33.0 +- 3.5
12	104	3.0	41.7 +- 1.3; 6.3	34.6 +- 1.3; 7.0	32.4 +- 3.2
13	143	1.6	40.4 +- 1.2; 6.1	33.2 +- 1.3; 6.8	30.9 +- 3.3
14	128	4.5	41.1 +- 1.2; 6.2	33.9 +- 1.3; 6.9	30.7 +- 3.0
15	168	2.3	38.3 +- 1.1; 5.7	31.2 +- 1.2; 6.5	28.5 +- 3.1
16	148	4.6	39.8 +- 1.2; 6.0	32.6 +- 1.3; 6.7	28.7 +- 3.2
17	182	0.8	38.8 +- 1.2; 5.8	31.6 +- 1.2; 6.6	30.4 +- 3.2
18	175	4.8	39.2 +- 1.2; 5.9	32.1 +- 1.2; 6.6	30.9 +- 3.4
19	210	0.9	41.1 +- 1.2; 6.2	34.0 +- 1.3; 6.9	31.1 +- 3.2
20	200	2.9	40.1 +- 1.2; 6.0	33.0 +- 1.3; 6.8	30.8 +- 3.6
21	234	1.3	40.4 +- 1.2; 6.1	33.3 +- 1.3; 6.8	31.6 +- 3.2
22	216	3.3	39.3 +- 1.2; 5.9	32.1 +- 1.2; 6.6	28.7 +- 3.2
23	254	2.5	38.8 +- 1.2; 5.8	31.6 +- 1.2; 6.6	29.3 +- 3.3
24	244	3.8	39.8 +- 1.2; 6.0	32.6 +- 1.3; 6.7	29.4 +- 3.2
25	278	1.5	38.5 +- 1.2; 5.8	31.4 +- 1.2; 6.5	28.5 +- 2.9
26	263	5.4	40.1 +- 1.2; 6.0	32.9 +- 1.3; 6.7	29.7 +- 3.5
27	297	1.7	38.2 +- 1.1; 5.7	31.1 +- 1.2; 6.5	28.5 +- 3.4
28	284	5.6	39.2 +- 1.2; 5.9	32.0 +- 1.2; 6.6	29.3 +- 3.0
29	317	0.9	37.5 +- 1.1; 5.6	30.4 +- 1.2; 6.4	28.8 +- 3.2
30	305	4.2	34.5 +- 1.0; 5.2	27.4 +- 1.1; 6.0	27.3 +- 3.2
31	338	1.4	38.6 +- 1.2; 5.8	31.5 +- 1.2; 6.6	28.9 +- 3.3
32	330	5.0	36.0 +- 1.1; 5.4	28.9 +- 1.2; 6.2	26.4 +- 3.3
33	267	6.5	37.5 +- 1.1; 5.6	30.4 +- 1.2; 6.4	29.8 +- 3.8
34	130	3.7	37.8 +- 1.1; 5.7	30.7 +- 1.2; 6.5	29.3 +- 3.4
35	270	0.1	39.2 +- 1.2; 5.9	32.1 +- 1.2; 6.6	28.7 +- 3.5
38	345	6.7	42.1 +- 1.3; 6.3	34.9 +- 1.3; 7.0	30.6 +- 3.4
39	10	6.0	37.0 +- 1.1; 5.5	29.9 +- 1.2; 6.3	29.1 +- 3.6
40	63	6.0	Missing Dosimeter	No Net Data	28.9 +- 3.6
41	165	12.0	42.3 +- 1.3; 6.3	35.1 +- 1.3; 7.0	32.0 +- 3.0
42	248	13.0	44.1 +- 1.3; 6.6	36.9 +- 1.4; 7.3	33.5 +- 3.9
45	198	11.0	41.5 +- 1.2; 6.2	34.3 +- 1.3; 6.9	30.1 +- 3.2
46	39	16.0	36.8 +- 1.1; 5.5	29.7 +- 1.2; 6.3	28.1 +- 3.5
47	357	17.0	36.4 +- 1.1; 5.5	29.3 +- 1.2; 6.3	27.0 +- 3.4
48	171	18.0	40.7 +- 1.2; 6.1	33.6 +- 1.3; 6.8	30.5 +- 3.3
49	360	0.5	41.0 +- 1.2; 6.2	33.9 +- 1.3; 6.9	32.2 +- 3.2

Transit Dose = 6.8 +- 0.4; 3.2

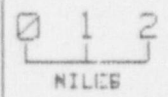
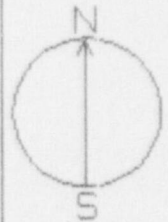
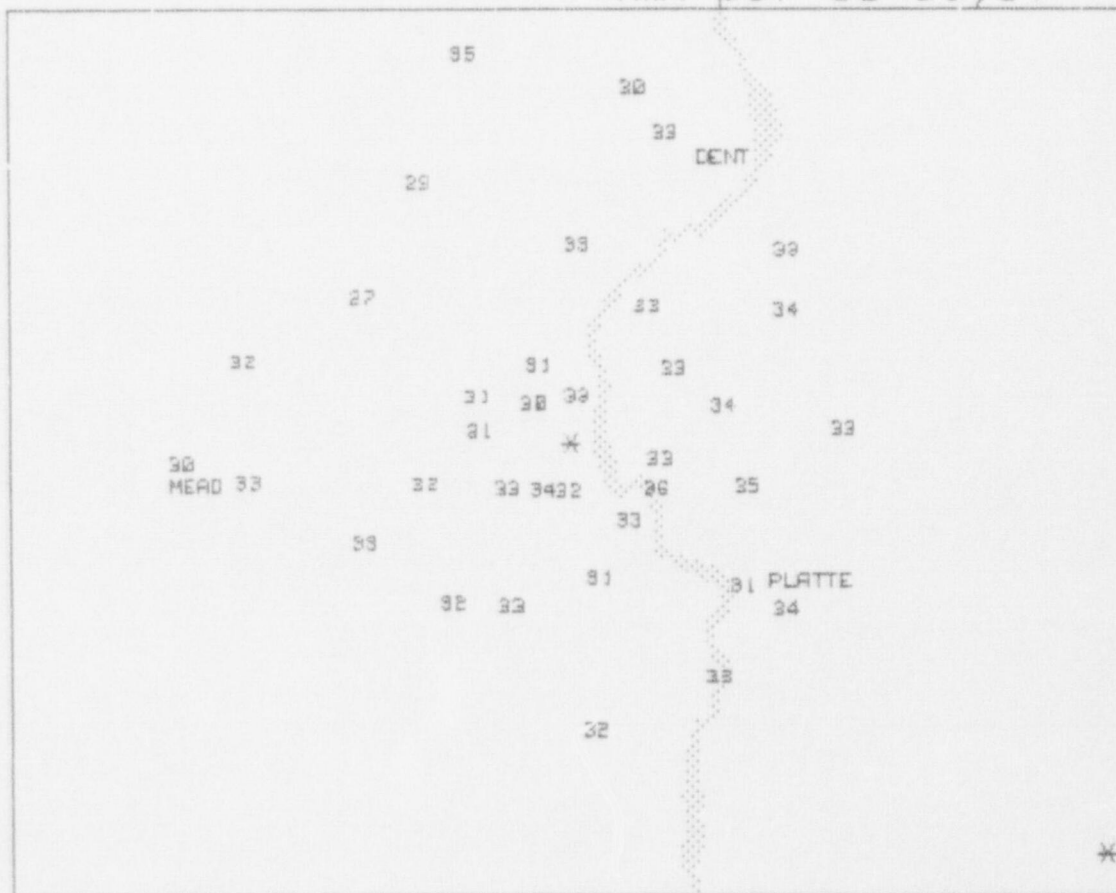
FORT ST. VRAIN
For the period 930322-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	31.8 +- 1.7	3
11.26 - 33.75 NNE	32.9 +- 0.4	2
33.76 - 56.25 NE	31.8 +- 1.8	3
56.26 - 78.75 ENE	34.1 +- 0.5	2
78.76 - 101.25 E	32.8 +- 0.1	2
101.26 - 123.75 ESE	35.3 +- 1.1	2
123.76 - 146.25 SE	32.6 +- 1.7	3
146.26 - 168.75 SSE	33.0 +- 2.0	3
168.76 - 191.25 S	31.8 +- 0.3	2
191.26 - 213.75 SSW	33.7 +- 0.7	3
213.76 - 236.25 SW	32.7 +- 0.8	2
236.26 - 258.75 WSW	33.7 +- 2.8	3
258.76 - 281.25 W	31.7 +- 1.1	4
281.26 - 303.75 WNW	31.6 +- 0.6	2
303.76 - 326.25 NW	28.9 +- 2.1	2
326.26 - 348.75 NNW	31.8 +- 3.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	32.5 +- 1.5	12
2 - 5	32.2 +- 1.8	19
> 5	32.9 +- 2.4	10
Upwind Control	32.3 +- 2.6	3

NRC TLD DOSES FOR FT. ST. VRAIN AREA
(mR per 90 days)



* Plant

GINNA

TLD Direct Radiation Environmental Monitoring

For the period 930325-930721 119 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	95 1.7	16.4 +- 0.5; 2.5	14.4 +- 0.6; 3.9	15.0 +- 1.3
2	108 1.1	16.9 +- 0.5; 2.5	14.9 +- 0.6; 3.9	14.8 +- 1.5
3	142 1.7	15.5 +- 0.5; 2.3	13.4 +- 0.6; 3.8	14.7 +- 1.8
4	154 1.5	Missing Dosimeter	No Net Data	15.4 +- 1.9
5	174 1.4	16.6 +- 0.5; 2.5	14.6 +- 0.6; 3.9	15.5 +- 1.9
6	212 1.6	16.0 +- 0.5; 2.4	13.9 +- 0.6; 3.8	14.4 +- 1.8
7	244 0.9	16.0 +- 0.5; 2.4	14.0 +- 0.6; 3.8	14.3 +- 1.7
8	230 0.6	16.7 +- 0.5; 2.5	14.7 +- 0.6; 3.9	15.4 +- 2.1
10	266 1.5	16.7 +- 0.5; 2.5	14.7 +- 0.6; 3.9	14.8 +- 1.7
11	264 4.6	18.2 +- 0.5; 2.7	16.3 +- 0.7; 4.1	16.2 +- 1.1
12	245 3.8	Missing Dosimeter	No Net Data	14.7 +- 1.8
13	235 4.2	14.7 +- 0.4; 2.2	12.5 +- 0.6; 3.7	14.1 +- 1.5
14	200 3.8	13.9 +- 0.4; 2.1	11.7 +- 0.5; 3.6	14.1 +- 1.8
15	178 3.4	17.6 +- 0.5; 2.6	15.6 +- 0.6; 4.0	14.9 +- 1.5
16	160 3.7	16.4 +- 0.5; 2.5	14.4 +- 0.6; 3.9	13.9 +- 1.8
17	134 3.8	Missing Dosimeter	No Net Data	14.1 +- 1.7
18	115 4.3	15.7 +- 0.5; 2.4	13.7 +- 0.6; 3.8	15.0 +- 1.6
19	88 4.0	14.4 +- 0.4; 2.2	12.3 +- 0.6; 3.7	14.2 +- 1.7
20	90 6.2	16.2 +- 0.5; 2.4	14.1 +- 0.6; 3.8	13.4 +- 1.6
21	123 7.6	14.7 +- 0.4; 2.2	12.6 +- 0.6; 3.7	13.7 +- 1.8
22	151 11.0	15.8 +- 0.5; 2.4	13.8 +- 0.6; 3.8	13.9 +- 1.6
23	105 12.0	15.7 +- 0.5; 2.4	13.7 +- 0.6; 3.8	14.7 +- 2.1
24	212 14.0	20.8 +- 0.6; 3.1	19.1 +- 0.7; 4.4	18.3 +- 1.3
25	223 13.0	15.7 +- 0.5; 2.4	13.7 +- 0.6; 3.8	14.3 +- 2.1
26	242 16.0	18.0 +- 0.5; 2.7	16.0 +- 0.7; 4.0	15.9 +- 1.4
27	254 14.0	18.1 +- 0.5; 2.7	16.2 +- 0.7; 4.0	15.9 +- 1.8
28	234 6.9	15.8 +- 0.5; 2.4	13.8 +- 0.6; 3.8	14.4 +- 1.6
29	185 0.3	17.6 +- 0.5; 2.6	15.6 +- 0.6; 4.0	15.7 +- 1.3
30	264 15.0	Damaged Dosimeter	No Net Data	14.0 +- 1.8

Transit Dose = 2.8 +- 0.3; 2.7

GINNA

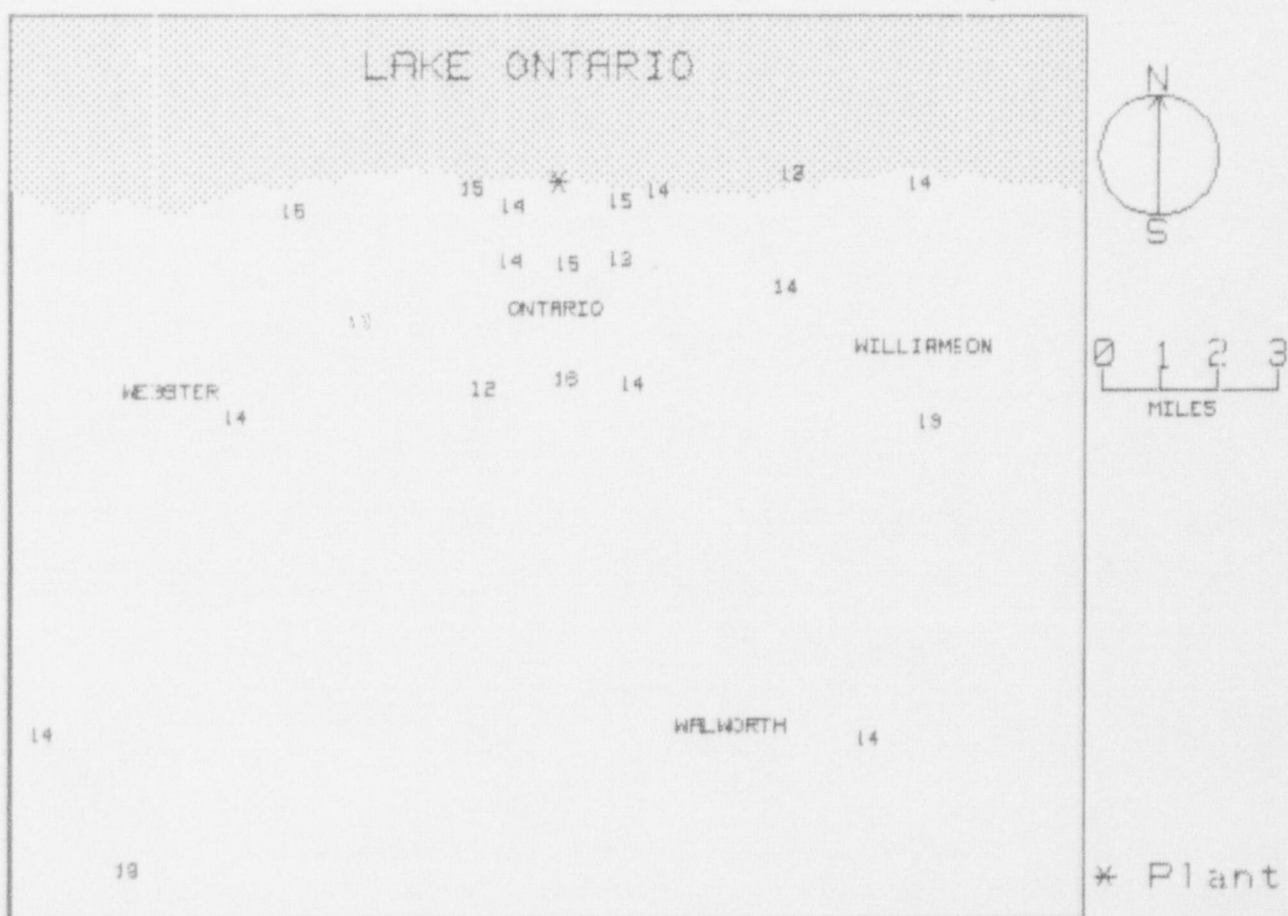
For the period 930325-930721

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	13.6 +- 1.1	3
101.26 - 123.75 ESE	13.7 +- 1.0	4
123.76 - 146.25 SE	13.4 +- 0.0	1
146.26 - 168.75 SSE	14.1 +- 0.4	2
168.76 - 191.25 S	15.3 +- 0.6	3
191.26 - 213.75 SSW	14.9 +- 3.8	3
213.76 - 236.25 SW	13.7 +- 0.9	4
236.26 - 258.75 WSW	14.0 +- 0.0	1
258.76 - 281.25 W	15.5 +- 1.1	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	14.5 +- 0.6	9
2 - 5	13.8 +- 1.7	7
> 5	14.4 +- 2.1	7
Upwind Control	16.1 +- 0.1	2

VRC TLD DOSES FOR GINNA AREA
(mR per 90 days)



GRAND GULF
 TLD Direct Radiation Environmental Monitoring
 For the period 930324-930721 120 Days
 Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	337	2.0	16.9	+- 0.5; 2.5	12.9	+- 0.7; 4.0	16.9	+- 2.0
2	351	1.6	18.1	+- 0.5; 2.7	14.1	+- 0.7; 4.2	14.9	+- 1.7
3	20	1.5	19.5	+- 0.6; 2.9	15.6	+- 0.7; 4.3	17.4	+- 1.9
4	51	2.3	18.9	+- 0.6; 2.8	15.0	+- 0.7; 4.3	16.5	+- 1.8
5	68	2.7	20.1	+- 0.6; 3.0	16.2	+- 0.7; 4.4	17.6	+- 1.9
6	47	4.1	18.0	+- 0.5; 2.7	14.1	+- 0.7; 4.2	15.8	+- 1.8
7	68	4.9	21.2	+- 0.6; 3.2	17.4	+- 0.8; 4.5	19.0	+- 1.7
8	91	3.2	21.0	+- 0.6; 3.2	17.2	+- 0.8; 4.5	18.8	+- 1.6
9	81	1.0	19.9	+- 0.6; 3.0	16.1	+- 0.7; 4.4	17.1	+- 1.8
10	109	0.6	21.2	+- 0.6; 3.2	17.4	+- 0.8; 4.5	18.8	+- 1.6
11	139	0.8	21.0	+- 0.6; 3.2	17.3	+- 0.8; 4.5	18.6	+- 1.8
12	185	1.6	20.7	+- 0.6; 3.1	16.9	+- 0.8; 4.5	17.7	+- 1.7
13	207	1.9	21.1	+- 0.6; 3.2	17.3	+- 0.8; 4.5	18.6	+- 1.8
14	247	1.5	Missing Dosimeter		No Net Data		18.8	+- 5.8
15	130	4.2	20.1	+- 0.6; 3.0	16.3	+- 0.7; 4.4	18.3	+- 1.6
16	122	4.8	20.7	+- 0.6; 3.1	16.9	+- 0.8; 4.5	18.2	+- 1.5
17	135	5.3	19.2	+- 0.6; 2.9	15.3	+- 0.7; 4.3	17.0	+- 1.6
18	147	4.3	18.4	+- 0.6; 2.8	14.5	+- 0.7; 4.2	15.3	+- 1.4
19	224	6.8	20.7	+- 0.6; 3.1	16.9	+- 0.8; 4.5	18.5	+- 1.4
20	172	3.6	19.4	+- 0.6; 2.9	15.5	+- 0.7; 4.3	16.4	+- 1.6
21	291	12.0	19.6	+- 0.6; 2.9	15.7	+- 0.7; 4.3	16.7	+- 1.5
22	332	8.0	21.2	+- 0.6; 3.2	17.4	+- 0.8; 4.5	19.3	+- 1.9
23	310	7.9	Missing Dosimeter		No Net Data		15.9	+- 2.6
24	281	7.0	18.2	+- 0.5; 2.7	14.3	+- 0.7; 4.2	16.4	+- 1.6
25	291	4.8	21.0	+- 0.6; 3.1	17.2	+- 0.8; 4.5	17.9	+- 1.7
26	248	9.5	19.5	+- 0.6; 2.9	15.7	+- 0.7; 4.3	16.7	+- 1.7
27	239	13.0	18.3	+- 0.6; 2.8	14.4	+- 0.7; 4.2	16.0	+- 1.6
29	90	0.9	19.9	+- 0.6; 3.0	16.0	+- 0.7; 4.4	17.4	+- 1.6
30	67	51.0	15.5	+- 0.5; 2.3	11.4	+- 0.6; 3.9	14.2	+- 1.4
31	67	51.0	16.4	+- 0.5; 2.5	12.3	+- 0.6; 4.0	14.2	+- 2.0
32	67	51.0	15.4	+- 0.5; 2.3	11.3	+- 0.6; 3.9	14.0	+- 1.6
33	206	4.8	21.1	+- 0.6; 3.2	17.3	+- 0.8; 4.5	18.2	+- 1.9

Transit Dose = 4.7 +- 0.4; 2.9

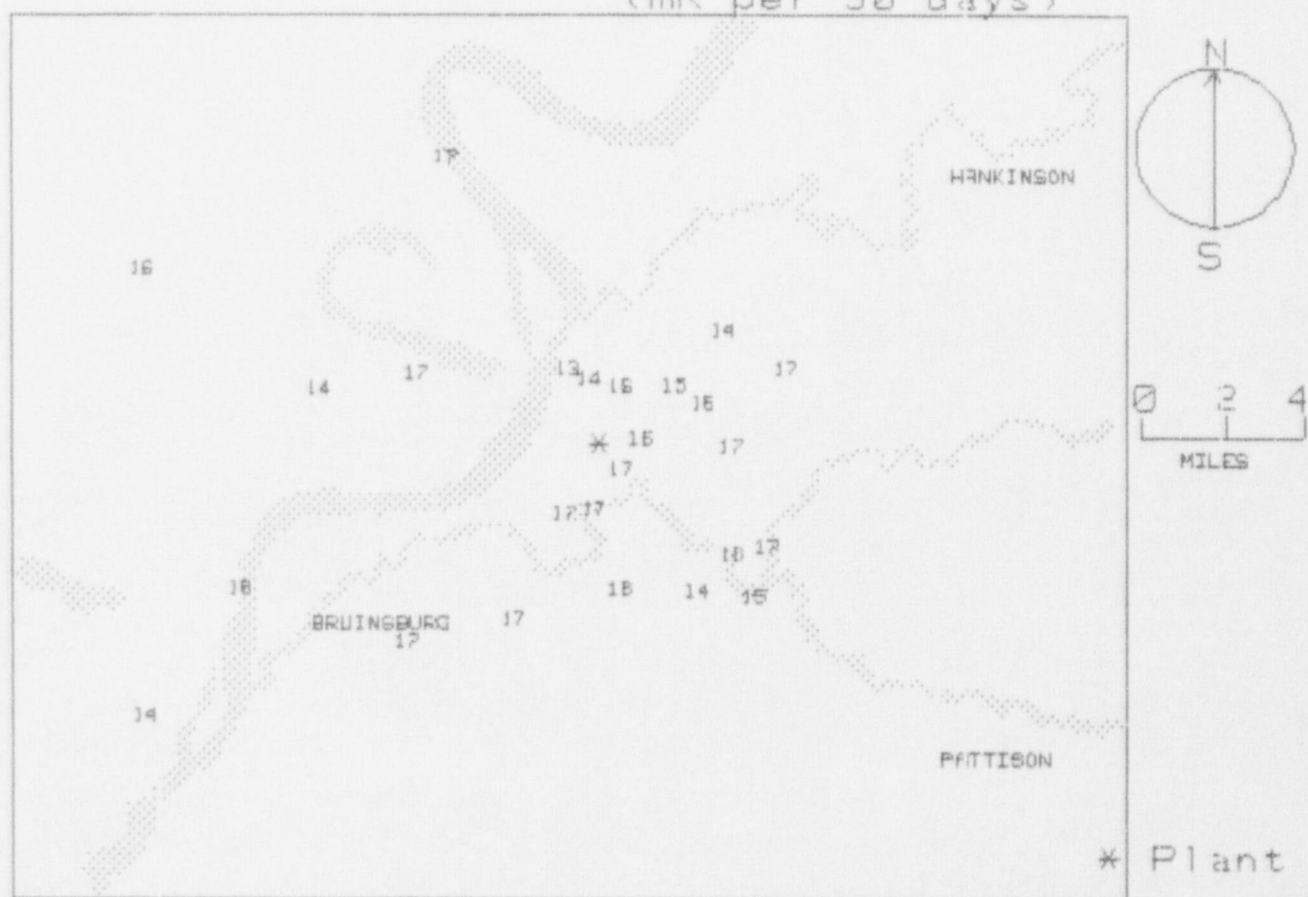
GRAND GULF
For the period 930324-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.1 +- 0.0	1
11.26 - 33.75 NNE	15.6 +- 0.0	1
33.76 - 56.25 NE	14.6 +- 0.7	2
56.26 - 78.75 ENE	16.8 +- 0.8	2
78.76 - 101.25 E	16.4 +- 0.7	3
101.26 - 123.75 ESE	17.1 +- 0.4	2
123.76 - 146.25 SE	16.3 +- 1.0	3
146.26 - 168.75 SSE	14.5 +- 0.0	1
168.76 - 191.25 S	16.2 +- 1.0	2
191.26 - 213.75 SSW	17.3 +- 0.0	2
213.76 - 236.25 SW	16.9 +- 0.0	1
236.26 - 258.75 WSW	15.0 +- 0.9	2
258.76 - 281.25 W	14.3 +- 0.0	1
281.26 - 303.75 WNW	16.5 +- 1.0	2
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	15.2 +- 3.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.0 +- 1.6	9
2 - 5	16.1 +- 1.2	11
> 5	15.7 +- 1.2	7
Upwind Control	11.7 +- 0.6	3

NRC TLD DOSES FOR GRAND GULF AREA
(mR per 90 days)



HADDAM NECK

TLD Direct Radiation Environmental Monitoring

For the period 930325-930721 119 Days

Field Time: 86 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
2	17	2.6	20.8	+- 0.6; 3.1	19.0	+- 0.7; 4.3	18.7	+- 1.8
3	45	1.9	21.6	+- 0.6; 3.2	19.8	+- 0.7; 4.4	18.3	+- 2.6
4	67	2.3	20.9	+- 0.6; 3.1	19.1	+- 0.7; 4.3	17.6	+- 1.6
5	93	1.6	18.9	+- 0.6; 2.8	17.0	+- 0.7; 4.1	16.0	+- 1.6
6	115	2.3	18.6	+- 0.6; 2.8	16.7	+- 0.7; 4.1	15.5	+- 1.8
7	143	1.9	19.8	+- 0.6; 3.0	17.9	+- 0.7; 4.2	17.5	+- 1.9
8	165	0.9	19.4	+- 0.6; 2.9	17.5	+- 0.7; 4.2	16.7	+- 1.3
9	174	1.3	20.7	+- 0.6; 3.1	18.9	+- 0.7; 4.3	18.1	+- 1.9
10	195	0.7	18.6	+- 0.6; 2.8	16.7	+- 0.7; 4.1	16.0	+- 1.7
12	241	0.8	19.6	+- 0.6; 2.9	17.8	+- 0.7; 4.2	17.1	+- 1.5
13	263	0.8	18.4	+- 0.6; 2.8	16.5	+- 0.7; 4.0	15.9	+- 1.7
14	290	1.9	20.7	+- 0.6; 3.1	18.9	+- 0.7; 4.3	17.6	+- 1.7
15	311	1.5	17.6	+- 0.5; 2.6	15.6	+- 0.6; 4.0	15.3	+- 1.6
16	341	1.3	19.2	+- 0.6; 2.9	17.3	+- 0.7; 4.1	16.7	+- 1.6
17	360	2.3	23.2	+- 0.7; 3.5	21.5	+- 0.8; 4.6	19.3	+- 1.8
18	222	2.5	18.2	+- 0.5; 2.7	16.2	+- 0.6; 4.0	16.0	+- 1.6
19	269	3.0	18.3	+- 0.5; 2.7	16.4	+- 0.7; 4.0	15.9	+- 1.8
20	66	3.2	19.6	+- 0.6; 2.9	17.7	+- 0.7; 4.2	16.4	+- 1.7
21	91	2.8	20.6	+- 0.6; 3.1	18.8	+- 0.7; 4.3	18.0	+- 1.9
22	112	3.2	19.6	+- 0.6; 2.9	17.8	+- 0.7; 4.2	16.7	+- 1.9
23	137	2.9	18.6	+- 0.6; 2.8	16.6	+- 0.7; 4.1	16.4	+- 2.0
24	155	7.1	18.3	+- 0.5; 2.7	16.3	+- 0.6; 4.0	15.7	+- 1.5
25	175	5.7	18.5	+- 0.6; 2.8	16.6	+- 0.7; 4.1	16.0	+- 1.7
26	196	2.5	18.1	+- 0.5; 2.7	16.2	+- 0.6; 4.0	15.3	+- 1.5
27	225	1.1	19.4	+- 0.6; 2.9	17.5	+- 0.7; 4.2	17.3	+- 2.0
28	250	3.5	18.8	+- 0.6; 2.8	16.8	+- 0.7; 4.1	16.9	+- 2.6
29	340	20.0	20.5	+- 0.6; 3.1	18.7	+- 0.7; 4.3	20.6	+- 4.1
30	286	3.2	18.5	+- 0.6; 2.8	16.6	+- 0.7; 4.1	16.0	+- 1.7
31	322	2.7	18.7	+- 0.6; 2.8	16.8	+- 0.7; 4.1	17.2	+- 1.7
32	327	2.9	20.7	+- 0.6; 3.1	18.9	+- 0.7; 4.3	19.0	+- 1.7
33	359	6.4	18.6	+- 0.6; 2.8	16.7	+- 0.7; 4.1	15.9	+- 1.4
35	54	10.0	19.4	+- 0.6; 2.9	17.5	+- 0.7; 4.2	16.7	+- 1.7
36	72	8.8	21.4	+- 0.6; 3.2	19.6	+- 0.7; 4.4	18.9	+- 1.7
37	149	6.8	18.2	+- 0.5; 2.7	16.3	+- 0.6; 4.0	15.3	+- 1.6
38	158	5.9	17.0	+- 0.5; 2.6	15.1	+- 0.6; 3.9	15.0	+- 1.6
39	267	8.8	19.0	+- 0.6; 2.8	17.1	+- 0.7; 4.1	16.4	+- 1.8
40	303	9.1	19.1	+- 0.6; 2.9	17.2	+- 0.7; 4.1	18.1	+- 1.4
41	313	9.6	18.5	+- 0.6; 2.8	16.5	+- 0.7; 4.1	16.2	+- 1.6
42	320	13.0	20.6	+- 0.6; 3.1	18.8	+- 0.7; 4.3	18.2	+- 1.7
43	324	18.0	18.4	+- 0.6; 2.8	16.5	+- 0.7; 4.0	15.9	+- 1.4
44	328	15.0	19.7	+- 0.6; 3.0	17.9	+- 0.7; 4.2	17.5	+- 1.8
45	343	18.0	20.7	+- 0.6; 3.1	18.8	+- 0.7; 4.3	18.3	+- 1.9
46	144	5.0	20.7	+- 0.6; 3.1	18.9	+- 0.7; 4.3	17.2	+- 2.1
49	340	20.0	19.9	+- 0.6; 3.0	18.0	+- 0.7; 4.2	17.9	+- 1.9

Transit Dose = 2.7 +- 0.3; 2.7

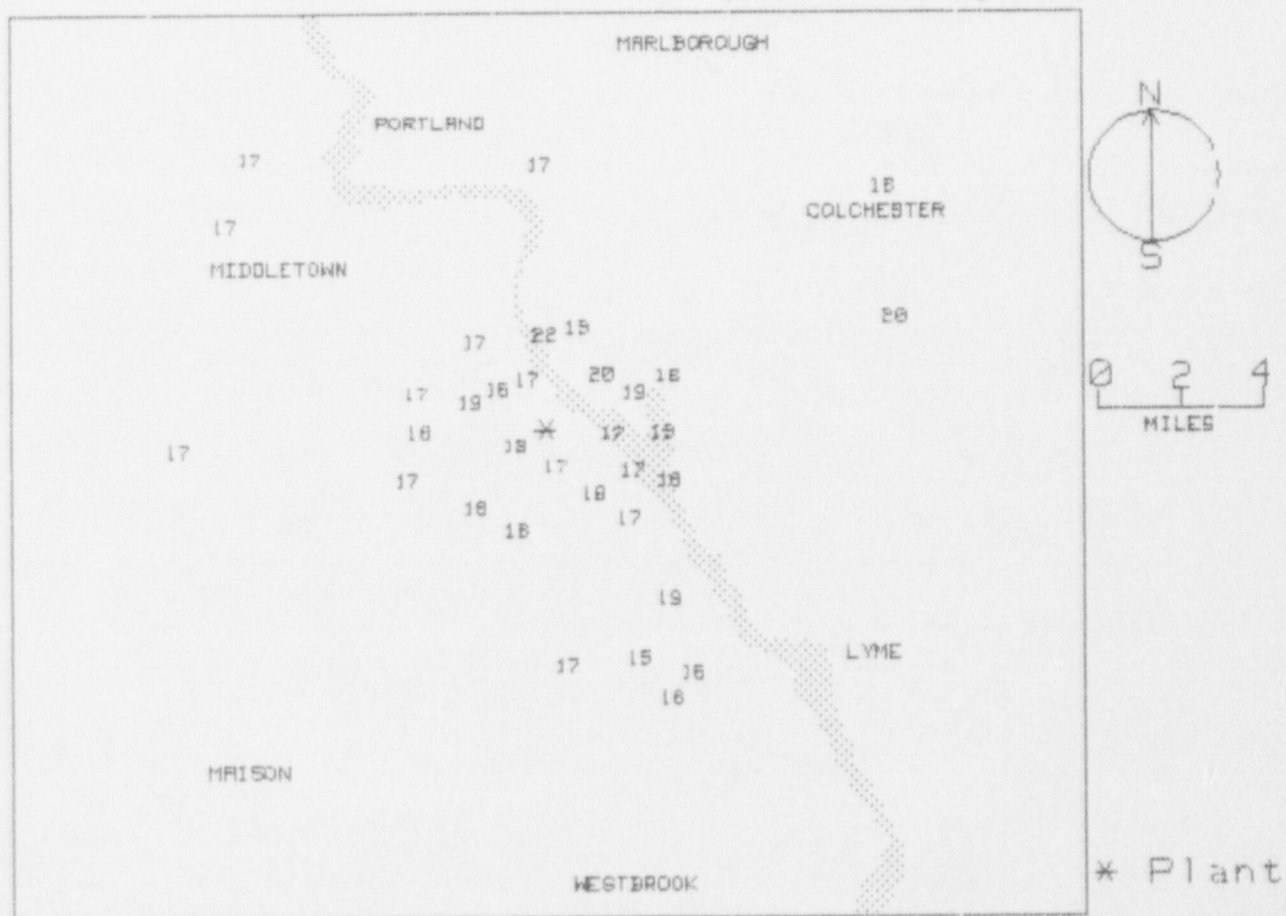
HADDAM NECK
For the period 930325-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.1 +- 3.4	2
11.26 - 33.75 NNE	19.0 +- 0.0	1
33.76 - 56.25 NE	18.7 +- 1.6	2
56.26 - 78.75 ENE	18.8 +- 1.0	3
78.76 - 101.25 E	17.9 +- 1.2	2
101.26 - 123.75 ESE	17.2 +- 0.8	2
123.76 - 146.25 SE	17.8 +- 1.1	3
146.26 - 168.75 SSE	16.3 +- 1.0	4
168.76 - 191.25 S	17.8 +- 1.7	2
191.26 - 213.75 SSW	16.4 +- 0.4	2
213.76 - 236.25 SW	16.9 +- 0.9	2
236.26 - 258.75 WSW	17.3 +- 0.6	2
258.76 - 281.25 W	16.6 +- 0.4	3
281.26 - 303.75 WNW	17.6 +- 1.2	3
303.76 - 326.25 NW	16.8 +- 1.2	5
326.26 - 348.75 NNW	18.3 +- 0.7	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.6 +- 1.2	12
2 - 5	17.8 +- 1.5	16
> 5	17.3 +- 1.2	15
Upwind Control	18.0 +- 0.0	1

NRC TLD DOSES FOR HADDAM NECK AREA
(mR per 90 days)



HARRIS

TLD Direct Radiation Environmental Monitoring

For the period 930324-930722 121 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	36	2.6	18.5	+- 0.6; 2.8	14.9	+- 0.6; 4.0	17.2	+- 2.2
2	25	3.2	15.9	+- 0.5; 2.4	12.4	+- 0.6; 3.7	15.0	+- 3.7
3	5	2.5	18.5	+- 0.6; 2.8	14.9	+- 0.6; 3.9	17.3	+- 1.8
4	27	1.5	17.4	+- 0.5; 2.6	13.8	+- 0.6; 3.8	18.3	+- 2.3
5	36	0.9	15.2	+- 0.5; 2.3	11.7	+- 0.5; 3.6	14.9	+- 1.8
6	68	0.8	14.2	+- 0.4; 2.1	10.7	+- 0.5; 3.5	13.0	+- 3.6
7	98	0.7	16.8	+- 0.5; 2.5	13.2	+- 0.6; 3.8	15.9	+- 1.7
8	232	0.7	15.3	+- 0.5; 2.3	11.8	+- 0.6; 3.6	14.1	+- 3.5
9	190	0.8	14.7	+- 0.4; 2.2	11.1	+- 0.5; 3.6	12.6	+- 3.7
10	158	0.7	14.4	+- 0.4; 2.2	10.9	+- 0.5; 3.6	14.1	+- 3.8
11	42	4.7	21.1	+- 0.6; 3.2	17.4	+- 0.7; 4.2	20.0	+- 2.4
12	40	8.6	18.2	+- 0.5; 2.7	14.6	+- 0.6; 3.9	16.6	+- 3.5
13	298	13.0	14.4	+- 0.4; 2.2	10.9	+- 0.5; 3.6	13.7	+- 3.8
14	298	12.0	15.0	+- 0.5; 2.3	11.5	+- 0.5; 3.6	14.4	+- 3.9
15	298	11.0	15.0	+- 0.5; 2.3	11.5	+- 0.5; 3.6	13.0	+- 3.8
16	332	4.8	16.8	+- 0.5; 2.5	13.3	+- 0.6; 3.8	14.5	+- 3.9
17	291	4.5	14.4	+- 0.4; 2.2	10.9	+- 0.5; 3.6	13.3	+- 3.4
18	270	5.1	15.4	+- 0.5; 2.3	11.8	+- 0.6; 3.6	14.5	+- 3.5
19	240	5.1	17.6	+- 0.5; 2.6	14.1	+- 0.6; 3.9	17.0	+- 3.8
20	227	4.8	14.3	+- 0.4; 2.1	10.8	+- 0.5; 3.6	12.6	+- 3.6
21	208	4.8	Missing Dosimeter	No Net Data			12.4	+- 3.7
22	190	4.6	15.9	+- 0.5; 2.4	12.4	+- 0.6; 3.7	14.4	+- 3.4
23	151	4.8	16.3	+- 0.5; 2.4	12.8	+- 0.6; 3.7	14.0	+- 4.0
24	132	4.7	14.5	+- 0.4; 2.2	11.0	+- 0.5; 3.6	13.8	+- 3.9
25	112	5.0	17.8	+- 0.5; 2.7	14.2	+- 0.6; 3.9	15.9	+- 3.7
26	92	4.6	13.9	+- 0.4; 2.1	10.4	+- 0.5; 3.5	13.0	+- 2.8
27	115	2.8	15.5	+- 0.5; 2.3	12.0	+- 0.6; 3.7	14.6	+- 2.4
28	135	2.3	12.4	+- 0.4; 1.9	8.9	+- 0.5; 3.4	11.7	+- 3.8
29	164	2.2	15.2	+- 0.5; 2.3	11.7	+- 0.5; 3.6	15.0	+- 3.9
30	49	2.2	15.4	+- 0.5; 2.3	11.9	+- 0.6; 3.7	14.3	+- 3.5
31	276	1.8	15.0	+- 0.4; 2.2	11.4	+- 0.5; 3.6	14.1	+- 3.7
32	292	1.7	18.4	+- 0.6; 2.8	14.8	+- 0.6; 3.9	17.9	+- 2.1
33	314	1.4	18.1	+- 0.5; 2.7	14.5	+- 0.6; 3.9	16.3	+- 3.6
34	329	1.3	19.5	+- 0.6; 2.9	15.8	+- 0.7; 4.0	16.3	+- 3.8
35	350	4.5	17.6	+- 0.5; 2.6	14.0	+- 0.6; 3.9	16.7	+- 1.9
36	338	4.4	Missing Dosimeter	No Net Data			17.1	+- 4.0
37	16	4.9	15.7	+- 0.5; 2.3	12.1	+- 0.6; 3.7	16.5	+- 2.5
38	68	4.8	13.8	+- 0.4; 2.1	10.2	+- 0.5; 3.5	13.1	+- 1.9
39	80	6.9	16.6	+- 0.5; 2.5	13.0	+- 0.6; 3.8	15.2	+- 1.8
40	80	6.9	16.7	+- 0.5; 2.5	13.1	+- 0.6; 3.8	14.4	+- 2.2
41	118	9.7	21.2	+- 0.6; 3.2	17.5	+- 0.7; 4.2	19.1	+- 3.9
42	260	1.1	15.4	+- 0.5; 2.3	11.8	+- 0.6; 3.6	14.2	+- 3.7
43	333	1.7	17.4	+- 0.5; 2.6	13.8	+- 0.6; 3.8	16.1	+- 4.4
44	50	24.0	22.1	+- 0.7; 3.3	18.4	+- 0.7; 4.3	20.5	+- 4.0

Transit Dose = 3.3 +- 0.3; 2.9

HARRIS

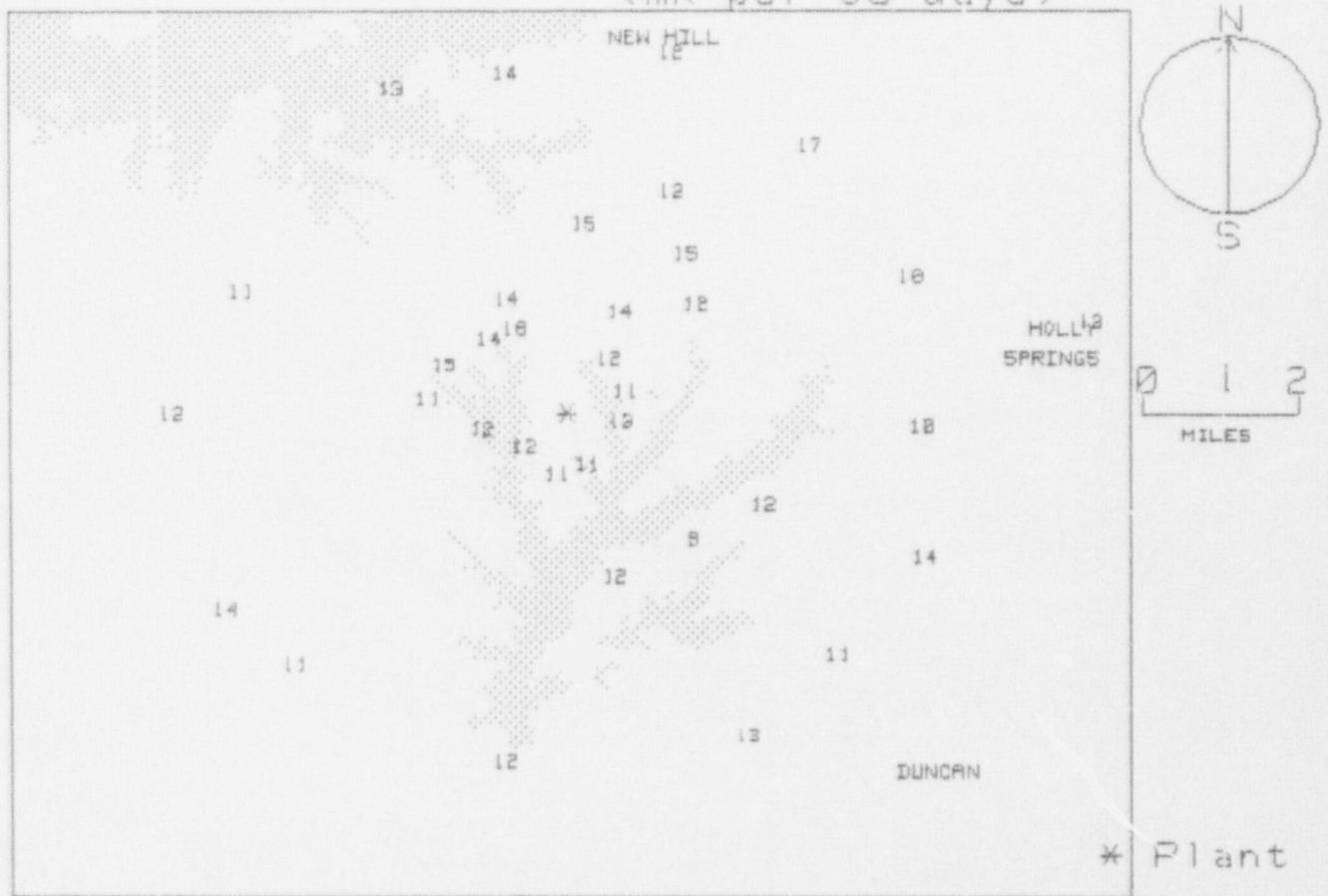
For the period 930324-930722

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 +- 0.6	2
11.26 - 33.75 NNE	12.8 +- 0.9	3
33.76 - 56.25 NE	14.8 +- 2.8	6
56.26 - 78.75 ENE	10.5 +- 0.3	2
78.76 - 101.25 E	12.5 +- 1.3	4
101.26 - 123.75 ESE	14.5 +- 2.8	3
123.76 - 146.25 SE	10.0 +- 1.4	2
146.26 - 168.75 SSE	11.8 +- 0.9	3
168.76 - 191.25 S	11.8 +- 0.9	2
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	11.3 +- 0.7	2
236.26 - 258.75 WSW	14.1 +- 0.0	1
258.76 - 281.25 W	11.7 +- 0.2	3
281.26 - 303.75 WNW	12.8 +- 2.7	2
303.76 - 326.25 NW	14.5 +- 0.0	1
326.26 - 348.75 NNW	14.3 +- 1.4	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.7 +- 1.7	13
2 - 5	12.4 +- 2.0	19
> 5	14.6 +- 2.4	7
Upwind Control	11.3 +- 0.4	3

NRC TLD DOSES FOR SHEARON-HARRIS AREA
(mR per 90 days)



HATCH

TLD Direct Radiation Environmental Monitoring

For the period 930324-930728 127 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	342	23.0	19.7	+- 0.6; 3.0	15.6	+- 0.7; 4.1	16.2	+- 2.5
2	359	7.7	18.5	+- 0.6; 2.8	14.5	+- 0.6; 3.9	14.3	+- 2.5
3	354	4.5	18.3	+- 0.6; 2.8	14.3	+- 0.6; 3.9	14.2	+- 2.6
4	336	2.9	17.4	+- 0.5; 2.6	13.4	+- 0.6; 3.8	13.2	+- 2.4
5	309	4.6	17.3	+- 0.5; 2.6	13.3	+- 0.6; 3.8	13.6	+- 2.5
6	297	5.6	19.5	+- 0.6; 2.9	15.4	+- 0.7; 4.0	15.7	+- 2.7
7	24	2.8	18.1	+- 0.5; 2.7	14.1	+- 0.6; 3.9	14.0	+- 2.7
8	49	2.0	17.6	+- 0.5; 2.6	13.6	+- 0.6; 3.9	14.0	+- 2.5
9	49	10.0	17.4	+- 0.5; 2.6	13.4	+- 0.6; 3.8	13.7	+- 2.5
10	28	4.8	17.5	+- 0.5; 2.6	13.5	+- 0.6; 3.8	14.4	+- 2.5
11	67	5.0	18.3	+- 0.5; 2.7	14.2	+- 0.6; 3.9	14.3	+- 2.4
12	50	5.1	22.3	+- 0.7; 3.3	18.1	+- 0.7; 4.3	18.3	+- 2.9
13	353	2.0	16.6	+- 0.5; 2.5	12.6	+- 0.6; 3.8	12.7	+- 2.4
14	341	1.6	17.3	+- 0.5; 2.6	13.3	+- 0.6; 3.8	14.7	+- 2.6
15	147	10.0	15.9	+- 0.5; 2.4	12.0	+- 0.6; 3.7	13.0	+- 2.2
16	232	0.9	16.0	+- 0.5; 2.4	12.1	+- 0.6; 3.7	13.3	+- 2.3
17	205	1.6	17.5	+- 0.5; 2.6	13.5	+- 0.6; 3.9	14.4	+- 2.5
18	192	4.2	13.4	+- 0.4; 2.0	9.5	+- 0.5; 3.5	11.8	+- 2.2
19	184	4.2	14.8	+- 0.4; 2.2	10.9	+- 0.5; 3.6	11.5	+- 2.4
20	165	4.6	15.9	+- 0.5; 2.4	11.9	+- 0.6; 3.7	12.3	+- 2.5
21	135	4.4	16.0	+- 0.5; 2.4	12.0	+- 0.6; 3.7	12.9	+- 2.3
22	120	4.1	Missing Dosimeter		No Net Data		14.6	+- 2.7
23	107	3.7	15.5	+- 0.5; 2.3	11.5	+- 0.6; 3.7	13.7	+- 2.4
24	123	14.0	15.0	+- 0.4; 2.2	11.0	+- 0.5; 3.6	12.4	+- 2.3
25	114	12.0	16.9	+- 0.5; 2.5	12.9	+- 0.6; 3.8	13.5	+- 2.3
26	142	1.8	17.9	+- 0.5; 2.7	13.8	+- 0.6; 3.9	14.4	+- 2.6
27	157	2.2	16.0	+- 0.5; 2.4	12.0	+- 0.6; 3.7	13.5	+- 2.3
28	171	0.9	17.9	+- 0.5; 2.7	13.8	+- 0.6; 3.9	14.6	+- 2.3
29	253	1.0	17.1	+- 0.5; 2.6	13.1	+- 0.6; 3.8	13.8	+- 3.5
30	270	1.0	17.9	+- 0.5; 2.7	13.9	+- 0.6; 3.9	15.3	+- 3.1
31	292	1.1	16.4	+- 0.5; 2.5	12.5	+- 0.6; 3.7	13.9	+- 2.4
32	268	4.2	17.2	+- 0.5; 2.6	13.2	+- 0.6; 3.8	13.7	+- 2.3
33	248	4.3	15.1	+- 0.5; 2.3	11.1	+- 0.5; 3.6	12.3	+- 2.5
34	216	4.1	14.8	+- 0.4; 2.2	10.9	+- 0.5; 3.6	11.6	+- 2.4
35	234	12.0	18.6	+- 0.6; 2.8	14.6	+- 0.6; 4.0	13.6	+- 2.4
36	182	10.0	17.1	+- 0.5; 2.6	13.1	+- 0.6; 3.8	13.0	+- 3.0
37	177	10.0	15.5	+- 0.5; 2.3	11.6	+- 0.6; 3.7	12.5	+- 2.4
38	323	12.0	18.1	+- 0.5; 2.7	14.1	+- 0.6; 3.9	15.1	+- 2.5
39	321	13.0	18.5	+- 0.6; 2.8	14.4	+- 0.6; 3.9	15.3	+- 2.5
40	323	12.0	19.5	+- 0.6; 2.9	15.4	+- 0.7; 4.0	15.3	+- 2.5

Transit Dose = 3.6 +- 0.3; 3.0

HATCH

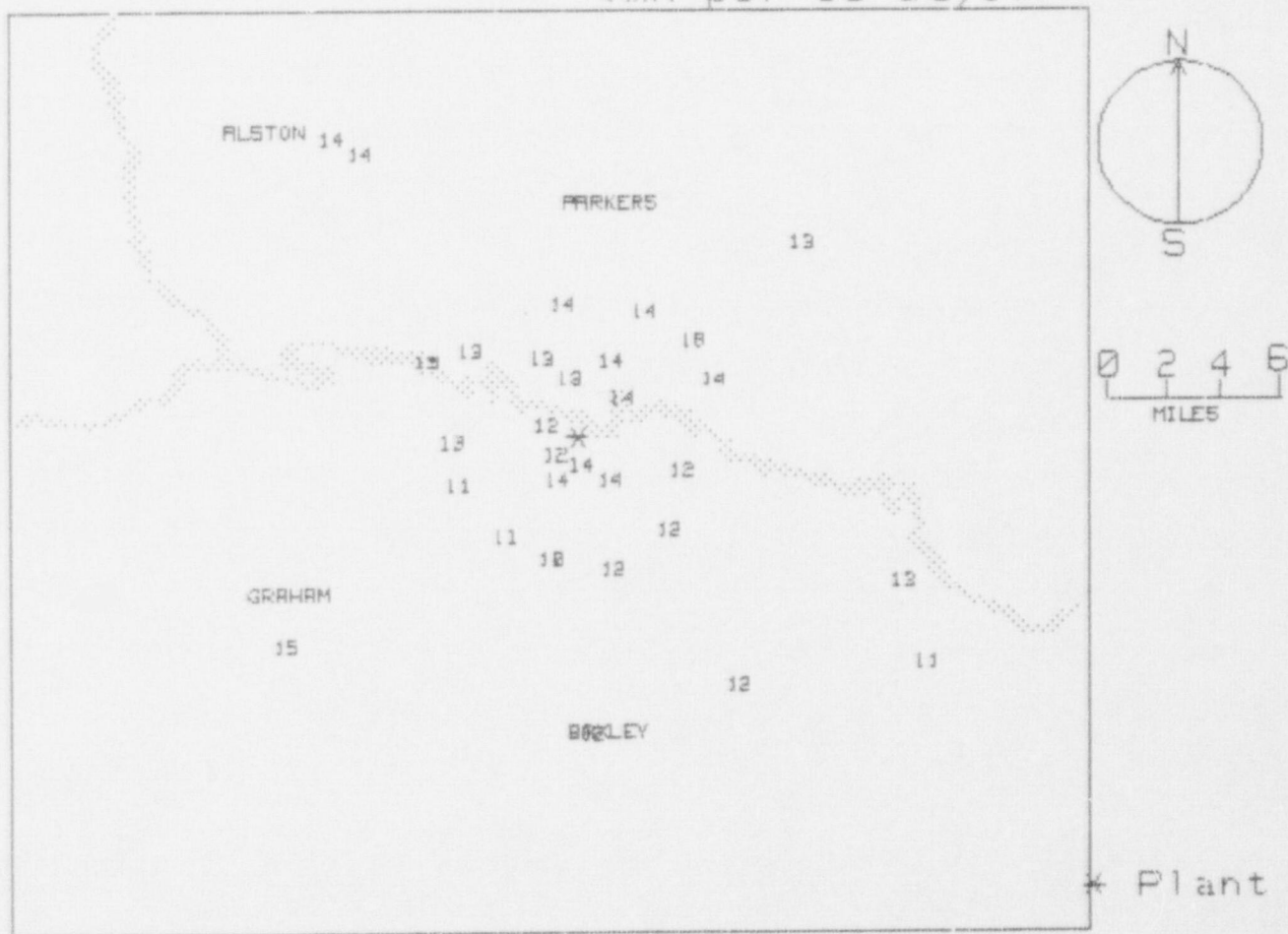
For the period 930324-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.8 +- 1.0	3
11.26 - 33.75 NNE	13.8 +- 0.4	2
33.76 - 56.25 NE	15.0 +- 2.7	3
56.26 - 78.75 ENE	14.2 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	11.8 +- 1.0	3
123.76 - 146.25 SE	12.9 +- 1.3	2
146.26 - 168.75 SSE	12.0 +- 0.0	3
168.76 - 191.25 S	12.3 +- 1.3	4
191.26 - 213.75 SSW	11.5 +- 2.9	2
213.76 - 236.25 SW	12.5 +- 1.9	3
236.26 - 258.75 WSW	12.1 +- 1.4	2
258.76 - 281.25 W	13.6 +- 0.5	2
281.26 - 303.75 WNW	13.9 +- 2.1	2
303.76 - 326.25 NW	13.3 +- 0.0	1
326.26 - 348.75 NNW	14.1 +- 1.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.2 +- 0.6	10
2 - 5	12.4 +- 1.5	15
> 5	13.8 +- 2.1	11
Upwind Control	14.7 +- 0.7	3

NRC TLD DOSES FOR HATCH AREA
(mR per 90 days)



INDIAN POINT

TLD Direct Radiation Environmental Monitoring

For the period 930324-930720 119 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	52	1.4	14.8 +- 0.4; 2.2	12.3 +- 0.6; 3.7	13.0 +- 2.1
2	53	1.0	16.6 +- 0.5; 2.5	14.1 +- 0.6; 3.9	15.2 +- 2.3
3	61	1.5	17.9 +- 0.5; 2.7	15.5 +- 0.7; 4.0	14.9 +- 1.6
4	89	1.2	19.3 +- 0.6; 2.9	17.0 +- 0.7; 4.2	15.4 +- 1.8
5	107	0.9	17.9 +- 0.5; 2.7	15.5 +- 0.7; 4.0	15.7 +- 1.7
6	90	0.5	17.8 +- 0.5; 2.7	15.5 +- 0.7; 4.0	16.1 +- 1.7
7	133	0.8	17.1 +- 0.5; 2.6	14.8 +- 0.6; 4.0	15.3 +- 2.0
8	158	0.8	17.3 +- 0.5; 2.6	14.9 +- 0.6; 4.0	16.0 +- 1.5
9	188	1.2	17.2 +- 0.5; 2.6	14.9 +- 0.6; 4.0	17.0 +- 1.7
10	206	0.9	17.1 +- 0.5; 2.6	14.7 +- 0.6; 4.0	15.6 +- 1.9
11	170	1.1	16.3 +- 0.5; 2.4	13.9 +- 0.6; 3.9	13.7 +- 1.5
12	155	2.3	17.4 +- 0.5; 2.6	15.1 +- 0.6; 4.0	15.0 +- 1.8
13	136	3.2	18.3 +- 0.5; 2.7	16.0 +- 0.7; 4.1	14.9 +- 1.8
14	107	3.1	15.8 +- 0.5; 2.4	13.3 +- 0.6; 3.8	14.0 +- 1.8
15	94	3.8	16.5 +- 0.5; 2.5	14.1 +- 0.6; 3.9	14.9 +- 1.5
16	142	5.7	Missing Dosimeter	No Net Data	16.5 +- 1.6
18	147	9.1	18.8 +- 0.6; 2.8	16.5 +- 0.7; 4.2	16.3 +- 1.7
19	137	12.0	15.9 +- 0.5; 2.4	13.5 +- 0.6; 3.8	15.3 +- 2.6
20	129	12.0	17.2 +- 0.5; 2.6	14.8 +- 0.6; 4.0	15.3 +- 1.9
22	74	7.5	17.1 +- 0.5; 2.6	14.7 +- 0.6; 4.0	15.7 +- 1.8
23	92	5.0	19.4 +- 0.6; 2.9	17.2 +- 0.7; 4.2	16.7 +- 1.5
24	92	5.0	19.0 +- 0.6; 2.9	16.8 +- 0.7; 4.2	16.8 +- 1.8
25	65	4.1	15.9 +- 0.5; 2.4	13.4 +- 0.6; 3.8	15.1 +- 1.8
26	40	4.0	20.4 +- 0.6; 3.1	18.2 +- 0.7; 4.3	18.0 +- 1.5
27	25	5.3	Missing Dosimeter	No Net Data	16.4 +- 1.9
28	24	2.9	17.1 +- 0.5; 2.6	14.7 +- 0.6; 4.0	15.8 +- 1.6
29	22	2.1	16.8 +- 0.5; 2.5	14.4 +- 0.6; 3.9	15.7 +- 1.7
30	8	1.9	19.1 +- 0.6; 2.9	16.8 +- 0.7; 4.2	16.9 +- 1.9
31	356	5.0	16.3 +- 0.5; 2.4	13.8 +- 0.6; 3.9	16.1 +- 1.9
32	330	3.7	Missing Dosimeter	No Net Data	17.3 +- 1.7
33	338	4.7	20.3 +- 0.6; 3.0	18.1 +- 0.7; 4.3	17.7 +- 1.6
34	354	7.0	20.7 +- 0.6; 3.1	18.5 +- 0.7; 4.4	19.5 +- 3.0
35	297	4.4	19.4 +- 0.6; 2.9	17.2 +- 0.7; 4.2	16.7 +- 1.9
36	309	3.6	26.2 +- 0.8; 3.9	24.3 +- 0.9; 5.1	21.8 +- 8.4
37	350	1.1	18.4 +- 0.6; 2.8	16.1 +- 0.7; 4.1	17.1 +- 1.5
38	337	0.9	18.3 +- 0.5; 2.7	16.0 +- 0.7; 4.1	16.9 +- 1.7
39	315	1.0	17.0 +- 0.5; 2.5	14.6 +- 0.6; 3.9	15.5 +- 1.6
40	294	1.1	18.3 +- 0.5; 2.7	16.0 +- 0.7; 4.1	17.2 +- 2.0
41	274	1.1	19.5 +- 0.6; 2.9	17.2 +- 0.7; 4.2	18.6 +- 1.9
42	248	1.5	Missing Dosimeter	No Net Data	17.5 +- 2.0
44	92	5.0	18.5 +- 0.6; 2.8	16.2 +- 0.7; 4.1	16.7 +- 1.8
45	227	2.4	Missing Dosimeter	No Net Data	16.9 +- 2.3
46	209	3.2	15.2 +- 0.5; 2.3	12.7 +- 0.6; 3.8	15.5 +- 2.2
47	218	5.3	17.3 +- 0.5; 2.6	14.9 +- 0.6; 4.0	15.6 +- 1.7
48	201	4.6	18.8 +- 0.6; 2.8	16.5 +- 0.7; 4.1	16.2 +- 1.5
49	187	5.2	15.3 +- 0.5; 2.3	12.9 +- 0.6; 3.8	14.2 +- 1.8
50	171	7.1	17.0 +- 0.5; 2.6	14.7 +- 0.6; 4.0	14.5 +- 1.7

Transit Dose = 3.2 +- 0.3; 2.7

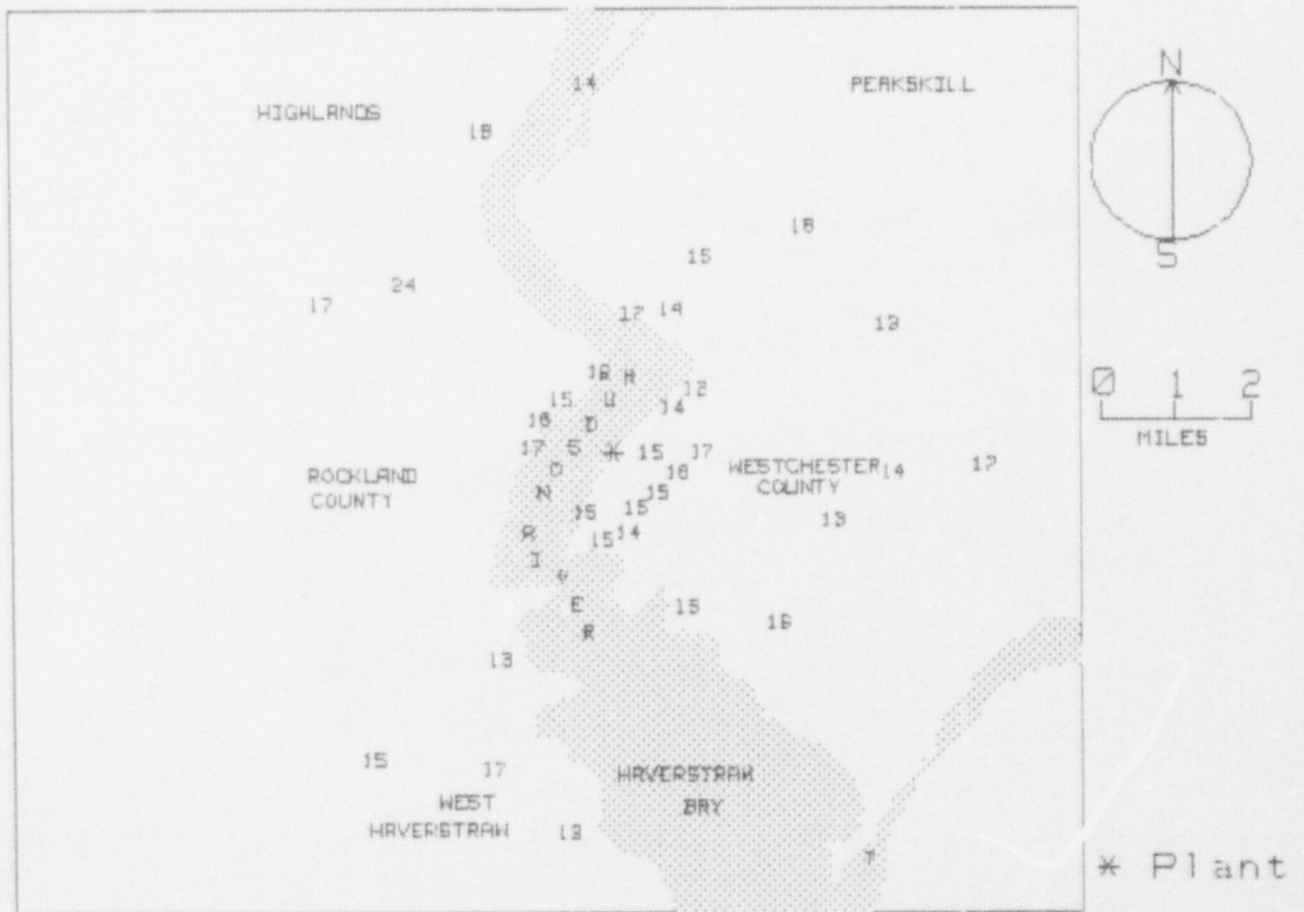
INDIAN POINT
For the period 930324-930720

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	14.6 +- 0.2	2
33.76 - 56.25 NE	14.9 +- 3.0	3
56.26 - 78.75 ENE	14.5 +- 1.1	3
78.76 - 101.25 E	15.7 +- 1.2	4
101.26 - 123.75 ESE	14.4 +- 1.6	2
123.76 - 146.25 SE	14.8 +- 1.0	4
146.26 - 168.75 SSE	15.5 +- 0.9	3
168.76 - 191.25 S	14.1 +- 0.9	4
191.26 - 213.75 SSW	14.6 +- 1.9	3
213.76 - 236.25 SW	14.9 +- 0.0	1
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	17.2 +- 0.0	1
281.26 - 303.75 WNW	16.6 +- 0.8	2
303.76 - 326.25 NW	19.5 +- 6.9	2
326.26 - 348.75 NNW	17.1 +- 1.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.3 +- 1.2	17
2 - 5	15.9 +- 2.9	15
> 5	15.1 +- 1.8	8
Upwind Control	17.0 +- 0.3	2

NRC TLD DOSES FOR INDIAN POINT AREA
(mR per 90 days)



KEWAUNEE/PT. BEACH

TLD Direct Radiation Environmental Monitoring

For the period 930322-930721 122 Days

Field Time: 87 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	189	8.1	16.4	+- 0.5; 2.5	10.9	+- 0.6; 4.0	12.5	+- 1.8
2	195	7.0	19.5	+- 0.6; 2.9	14.2	+- 0.7; 4.3	17.4	+- 2.0
3	163	4.9	17.7	+- 0.5; 2.7	12.4	+- 0.7; 4.2	13.1	+- 2.1
4	183	3.3	20.5	+- 0.6; 3.1	15.2	+- 0.8; 4.5	16.4	+- 2.3
5	210	3.2	15.9	+- 0.5; 2.4	10.5	+- 0.6; 4.0	12.3	+- 2.3
6	223	3.7	20.1	+- 0.6; 3.0	14.8	+- 0.7; 4.4	16.4	+- 2.4
7	242	5.7	18.4	+- 0.6; 2.8	13.0	+- 0.7; 4.2	13.9	+- 1.7
8	202	1.8	22.0	+- 0.7; 3.3	16.8	+- 0.8; 4.6	17.0	+- 1.9
9	180	1.8	20.3	+- 0.6; 3.0	15.0	+- 0.7; 4.4	15.7	+- 2.1
10	158	1.9	16.7	+- 0.5; 2.5	11.3	+- 0.7; 4.1	12.9	+- 2.0
11	235	1.2	21.4	+- 0.6; 3.2	16.2	+- 0.8; 4.6	16.8	+- 2.2
12	258	1.4	19.3	+- 0.6; 2.9	14.0	+- 0.7; 4.3	15.4	+- 2.2
13	273	1.4	19.5	+- 0.6; 2.9	14.2	+- 0.7; 4.3	15.6	+- 2.1
14	290	0.9	20.4	+- 0.6; 3.1	15.1	+- 0.8; 4.4	16.6	+- 1.9
15	333	0.8	18.9	+- 0.6; 2.8	13.6	+- 0.7; 4.3	15.4	+- 2.1
16	342	1.9	19.6	+- 0.6; 2.9	14.3	+- 0.7; 4.4	15.4	+- 2.0
17	317	2.0	17.3	+- 0.5; 2.6	12.0	+- 0.7; 4.1	13.7	+- 2.8
18	310	3.4	22.5	+- 0.7; 3.4	17.3	+- 0.8; 4.7	17.6	+- 1.9
19	293	4.0	18.2	+- 0.5; 2.7	12.8	+- 0.7; 4.2	14.8	+- 2.4
20	273	4.0	18.2	+- 0.5; 2.7	12.9	+- 0.7; 4.2	14.4	+- 2.5
21	300	5.6	18.6	+- 0.6; 2.8	13.2	+- 0.7; 4.2	14.5	+- 1.8
22	316	5.9	20.8	+- 0.6; 3.1	15.6	+- 0.8; 4.5	15.2	+- 2.0
23	345	2.7	20.9	+- 0.6; 3.1	15.6	+- 0.8; 4.5	16.6	+- 2.3
24	219	1.3	19.6	+- 0.6; 2.9	14.3	+- 0.7; 4.4	14.8	+- 2.1
25	247	1.4	21.0	+- 0.6; 3.2	15.8	+- 0.8; 4.5	16.4	+- 1.8
26	263	1.3	20.1	+- 0.6; 3.0	14.8	+- 0.7; 4.4	16.2	+- 2.0
27	290	1.4	21.3	+- 0.6; 3.2	16.1	+- 0.8; 4.5	16.6	+- 2.0
28	320	1.3	20.5	+- 0.6; 3.1	15.3	+- 0.8; 4.5	16.7	+- 2.3
29	342	1.1	18.4	+- 0.6; 2.8	13.0	+- 0.7; 4.2	15.7	+- 2.8
30	329	0.6	20.7	+- 0.6; 3.1	15.4	+- 0.8; 4.5	16.4	+- 2.0
31	13	1.0	19.0	+- 0.6; 2.9	13.7	+- 0.7; 4.3	14.6	+- 1.9
32	353	2.1	Damaged Dosimeter		No Net Data		16.1	+- 2.0
33	301	3.9	17.8	+- 0.5; 2.7	12.5	+- 0.7; 4.2	15.2	+- 2.0
34	299	8.4	Damage ^d Dosimeter		No Net Data		15.9	+- 1.9
35	323	3.8	17.1	+- 0.5; 2.6	11.7	+- 0.7; 4.1	14.0	+- 2.2
36	336	3.3	20.7	+- 0.6; 3.1	15.4	+- 0.8; 4.5	16.3	+- 2.2
37	6	3.1	18.2	+- 0.5; 2.7	12.9	+- 0.7; 4.2	14.5	+- 1.9
38	14	3.7	19.6	+- 0.6; 2.9	14.3	+- 0.7; 4.4	15.2	+- 2.0
39	13	7.6	17.7	+- 0.5; 2.7	12.4	+- 0.7; 4.2	13.0	+- 1.7
40	247	4.3	23.4	+- 0.7; 3.5	18.3	+- 0.8; 4.8	17.9	+- 2.1
41	8	23.0	16.3	+- 0.5; 2.4	10.8	+- 0.6; 4.0	13.2	+- 2.6
42	8	23.0	17.5	+- 0.5; 2.6	12.2	+- 0.7; 4.1	13.6	+- 2.1
43	8	23.0	16.7	+- 0.5; 2.5	11.3	+- 0.7; 4.1	12.8	+- 2.1

Transit Dose = 5.8 +- 0.4; 3.0

KEWAUNEE/PT. BEACH
For the period 930322-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.9 +- 0.0	1
11.26 - 33.75 NNE	13.5 +- 1.0	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	11.8 +- 0.8	2
168.76 - 191.25 S	13.7 +- 2.4	3
191.26 - 213.75 SSW	13.8 +- 3.2	3
213.76 - 236.25 SW	15.1 +- 1.0	3
236.26 - 258.75 WSW	15.3 +- 2.3	4
258.76 - 281.25 W	14.0 +- 1.0	3
281.26 - 303.75 WNW	13.9 +- 1.6	5
303.76 - 326.25 NW	14.4 +- 2.4	5
326.26 - 348.75 NNW	14.6 +- 1.1	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 1.4	18
2 - 5	14.0 +- 2.2	14
> 5	13.2 +- 1.6	6
Upwind Control	11.4 +- 0.7	3

MAP FOR KEWAUNEE/PT. BEACH

Map will be provided for this site in the future.

LACROSSE

TLD Direct Radiation Environmental Monitoring

For the period 930322-930729 130 Days

Field Time: 98 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	5	20.0	18.4	+- 0.6; 2.8	13.0	+- 0.6; 3.9	15.0	+- 1.9
2	5	20.0	19.8	+- 0.6; 3.0	14.3	+- 0.6; 4.0	15.2	+- 1.6
3	3	20.0	20.0	+- 0.6; 3.0	14.5	+- 0.6; 4.0	15.7	+- 1.5
4	343	3.8	19.3	+- 0.6; 2.9	13.9	+- 0.6; 4.0	15.1	+- 1.7
5	313	3.8	21.9	+- 0.7; 3.3	16.2	+- 0.7; 4.2	17.5	+- 2.9
6	291	3.0	19.9	+- 0.6; 3.0	14.4	+- 0.6; 4.0	16.2	+- 1.5
7	261	4.8	Missing Dosimeter		No Net Data		17.7	+- 1.7
8	249	3.2	21.1	+- 0.6; 3.2	15.6	+- 0.7; 4.1	17.5	+- 1.9
9	214	5.0	21.9	+- 0.7; 3.3	16.2	+- 0.7; 4.2	15.8	+- 1.7
10	171	9.8	Missing Dosimeter		No Net Data		14.3	+- 1.3
11	176	5.1	18.9	+- 0.6; 2.8	13.5	+- 0.6; 3.9	14.8	+- 1.1
12	165	4.9	21.1	+- 0.6; 3.2	15.6	+- 0.7; 4.1	16.3	+- 1.5
13	138	3.5	22.3	+- 0.7; 3.3	16.6	+- 0.7; 4.2	16.5	+- 1.7
14	114	4.2	21.0	+- 0.6; 3.1	15.4	+- 0.7; 4.1	15.4	+- 1.6
15	97	3.9	19.3	+- 0.6; 2.9	13.9	+- 0.6; 4.0	14.8	+- 1.1
16	94	3.0	21.8	+- 0.7; 3.3	16.1	+- 0.7; 4.2	16.7	+- 1.8
17	105	2.0	18.7	+- 0.6; 2.8	13.3	+- 0.6; 3.9	17.1	+- 1.9
18	52	1.5	18.5	+- 0.6; 2.8	13.1	+- 0.6; 3.9	14.4	+- 1.5
19	16	1.5	20.1	+- 0.6; 3.0	14.6	+- 0.6; 4.0	14.7	+- 1.4
20	1	1.0	Missing Dosimeter		No Net Data		13.9	+- 1.3
21	358	0.5	21.5	+- 0.6; 3.2	15.9	+- 0.7; 4.2	17.4	+- 1.4
22	180	0.6	21.8	+- 0.7; 3.3	16.1	+- 0.7; 4.2	16.3	+- 1.4
23	134	1.7	Missing Dosimeter		No Net Data		16.9	+- 1.5
24	58	0.6	23.7	+- 0.7; 3.6	17.9	+- 0.7; 4.4	17.4	+- 1.8
25	59	3.1	20.3	+- 0.6; 3.1	14.8	+- 0.7; 4.1	17.6	+- 1.6
26	16	1.5	20.8	+- 0.6; 3.1	15.3	+- 0.7; 4.1	16.6	+- 1.8
27	26	5.1	Missing Dosimeter		No Net Data		15.5	+- 1.4
28	25	7.0	Missing Dosimeter		No Net Data		14.1	+- 1.7
29	4	4.8	20.5	+- 0.6; 3.1	15.0	+- 0.7; 4.1	16.1	+- 1.7

Transit Dose = 4.2 +- 0.4; 3.2

LACROSSE

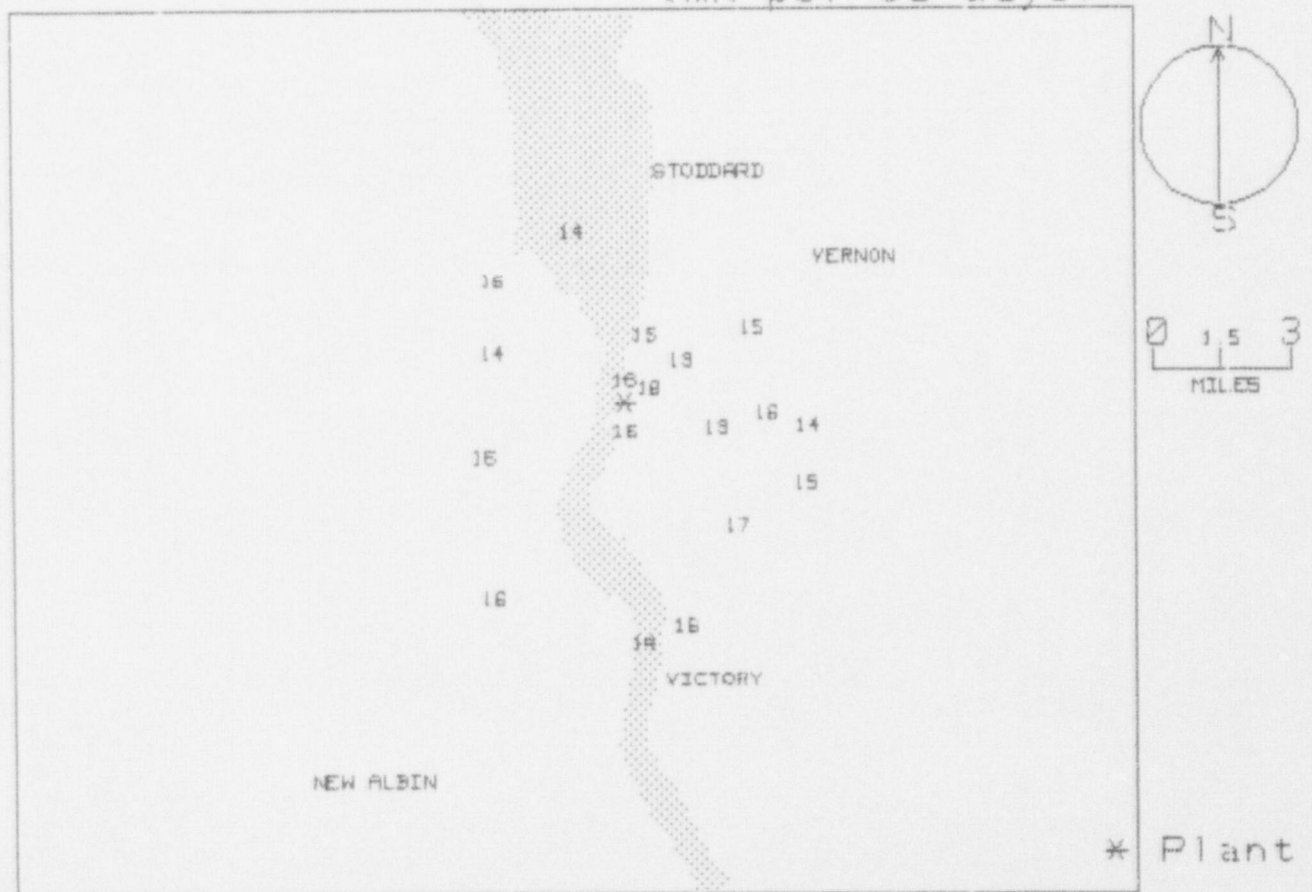
For the period 930322-930729

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 +- 0.6	2
11.26 - 33.75 NNE	14.9 +- 0.5	2
33.76 - 56.25 NE	13.1 +- 0.0	1
56.26 - 78.75 ENE	16.4 +- 2.2	2
78.76 - 101.25 E	15.0 +- 1.6	2
101.26 - 123.75 ESE	14.4 +- 1.5	2
123.76 - 146.25 SE	16.6 +- 0.0	1
146.26 - 168.75 SSE	15.6 +- 0.0	1
168.76 - 191.25 S	14.8 +- 1.8	2
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	16.2 +- 0.0	1
236.26 - 258.75 WSW	15.6 +- 0.0	1
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	14.4 +- 0.0	1
303.76 - 326.25 NW	16.2 +- 0.0	1
326.26 - 348.75 NNW	13.9 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.2 +- 1.7	7
2 - 5	15.3 +- 0.9	12
> 5	13.5 +- 0.0	1
Upwind Control	14.0 +- 0.8	3

NRC TLD DOSES FOR LaCROSSE AREA
(mR per 90 days)



LASALLE

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 Days

Field Time: 101 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	302	10.0	19.7	+- 0.6; 3.0	16.2	+- 0.6; 3.8	18.5	+- 7.5
2	335	5.3	24.8	+- 0.7; 3.7	20.8	+- 0.7; 4.3	21.0	+- 8.7
3	343	5.8	18.5	+- 0.6; 2.8	15.1	+- 0.6; 3.7	16.8	+- 7.6
4	38	5.5	24.9	+- 0.7; 3.7	20.8	+- 0.7; 4.3	20.1	+- 8.2
5	39	4.3	17.3	+- 0.5; 2.6	14.1	+- 0.5; 3.6	15.7	+- 6.6
6	27	3.8	21.2	+- 0.6; 3.2	17.6	+- 0.6; 3.9	18.5	+- 7.8
7	2	4.1	24.6	+- 0.7; 3.7	20.5	+- 0.7; 4.3	21.0	+- 9.3
8	304	4.6	22.4	+- 0.7; 3.4	18.6	+- 0.7; 4.0	20.6	+- 8.8
9	292	3.9	20.6	+- 0.6; 3.1	17.0	+- 0.6; 3.9	20.8	+- 8.9
10	281	3.7	24.9	+- 0.7; 3.7	20.8	+- 0.7; 4.3	20.2	+- 8.1
11	248	4.0	22.2	+- 0.7; 3.3	18.4	+- 0.6; 4.0	19.7	+- 8.6
12	222	12.0	21.5	+- 0.6; 3.2	17.8	+- 0.6; 4.0	18.8	+- 8.1
13	212	18.0	22.2	+- 0.7; 3.3	18.4	+- 0.6; 4.0	19.6	+- 8.2
14	212	18.0	22.8	+- 0.7; 3.4	18.9	+- 0.7; 4.1	20.2	+- 8.7
15	212	18.0	22.2	+- 0.7; 3.3	18.4	+- 0.6; 4.0	20.0	+- 8.6
16	215	4.4	24.3	+- 0.7; 3.6	20.3	+- 0.7; 4.2	21.1	+- 9.0
17	204	4.0	22.8	+- 0.7; 3.4	19.0	+- 0.7; 4.1	20.3	+- 8.3
18	173	4.6	23.2	+- 0.7; 3.5	19.3	+- 0.7; 4.1	19.4	+- 1.3
19	174	6.4	20.6	+- 0.6; 3.1	17.0	+- 0.6; 3.9	18.5	+- 8.3
20	158	3.6	21.5	+- 0.6; 3.2	17.8	+- 0.6; 4.0	20.0	+- 9.1
21	124	4.2	23.0	+- 0.7; 3.4	19.1	+- 0.7; 4.1	21.1	+- 9.5
22	114	3.8	23.3	+- 0.7; 3.5	19.4	+- 0.7; 4.1	19.9	+- 8.4
23	97	4.5	22.3	+- 0.7; 3.3	18.5	+- 0.7; 4.0	19.4	+- 8.7
24	72	4.7	24.9	+- 0.7; 3.7	20.9	+- 0.7; 4.3	19.8	+- 1.5
25	41	2.0	23.0	+- 0.7; 3.5	19.2	+- 0.7; 4.1	20.2	+- 8.6
26	11	1.6	21.8	+- 0.7; 3.3	18.1	+- 0.6; 4.0	20.0	+- 9.1
27	358	1.5	22.6	+- 0.7; 3.4	18.8	+- 0.7; 4.1	20.8	+- 9.5
28	336	1.6	22.8	+- 0.7; 3.4	19.0	+- 0.7; 4.1	19.6	+- 9.0
29	310	2.3	21.1	+- 0.6; 3.2	17.4	+- 0.6; 3.9	17.5	+- 1.6
30	301	2.0	25.1	+- 0.8; 3.8	21.0	+- 0.7; 4.3	22.1	+- 8.5
31	271	1.7	21.9	+- 0.7; 3.3	18.2	+- 0.6; 4.0	18.3	+- 1.3
32	256	1.8	25.3	+- 0.8; 3.8	21.2	+- 0.7; 4.3	20.5	+- 8.8
33	227	2.4	25.2	+- 0.8; 3.8	21.1	+- 0.7; 4.3	21.8	+- 9.5
34	204	1.7	22.4	+- 0.7; 3.4	18.6	+- 0.7; 4.0	19.9	+- 8.7
35	165	1.6	27.0	+- 0.8; 4.0	22.7	+- 0.8; 4.5	20.4	+- 7.2
36	149	1.8	24.2	+- 0.7; 3.6	20.2	+- 0.7; 4.2	19.5	+- 1.4
37	139	2.1	22.1	+- 0.7; 3.3	18.3	+- 0.6; 4.0	20.2	+- 8.6
38	111	1.5	20.4	+- 0.6; 3.1	16.8	+- 0.6; 3.9	18.0	+- 7.5
39	265	0.6	22.9	+- 0.7; 3.4	19.1	+- 0.7; 4.1	21.2	+- 9.3

Transit Dose = 1.5 +- 0.3; 3.1

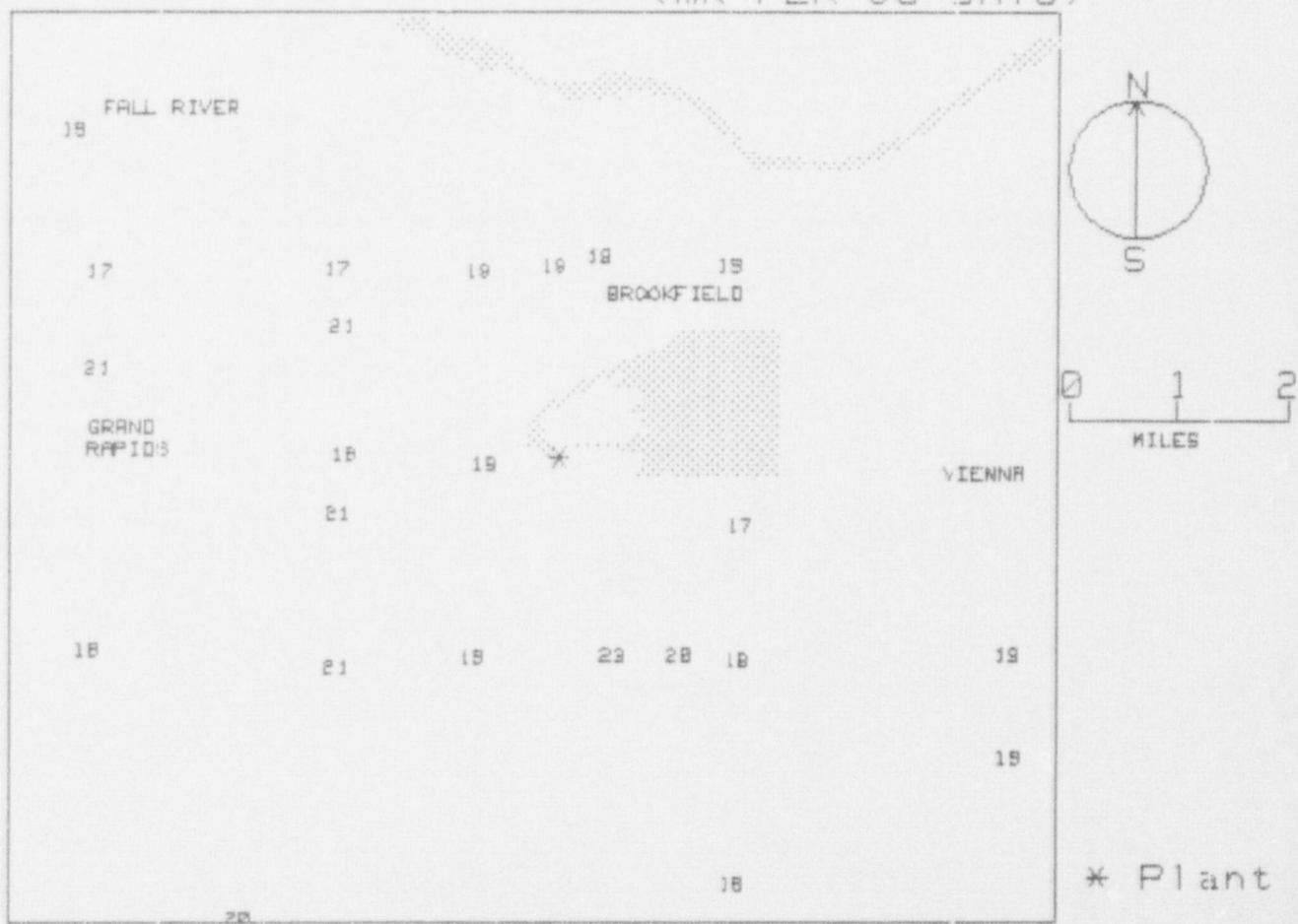
LASALLE

For the period 930322-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.1 +- 1.3	3
11.26 - 33.75 NNE	17.6 +- 0.0	1
33.76 - 56.25 NE	18.0 +- 3.5	3
56.26 - 78.75 ENE	20.9 +- 0.0	1
78.76 - 101.25 E	18.5 +- 0.0	1
101.26 - 123.75 ESE	18.1 +- 1.8	2
123.76 - 146.25 SE	18.7 +- 0.5	2
146.26 - 168.75 SSE	20.2 +- 2.4	3
168.76 - 191.25 S	18.2 +- 1.6	2
191.26 - 213.75 SSW	18.8 +- 0.3	2
213.76 - 236.25 SW	19.7 +- 1.7	3
236.26 - 258.75 WSW	19.8 +- 2.0	2
258.76 - 281.25 W	19.3 +- 1.3	3
281.26 - 303.75 WNW	18.1 +- 2.6	3
303.76 - 326.25 NW	18.0 +- 0.8	2
326.26 - 348.75 NNW	18.3 +- 2.9	3
Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.4 +- 1.6	12
2 - 5	18.8 +- 1.7	18
> 5	17.9 +- 2.4	6
Upwind Control	18.6 +- 0.3	3

NRC TLD DOSES FOR LASALLE AREA
(mR PER 90 DAYS)



LIMERICK

TLD Direct Radiation Environmental Monitoring

For the period 930321-930720 122 Days

Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	115	8.5	27.6	+- 0.8; 4.1	23.8	+- 0.9; 5.0	23.0	+- 1.8
3	85	3.7	21.5	+- 0.6; 3.2	17.8	+- 0.7; 4.3	19.1	+- 1.4
4	46	3.3	22.7	+- 0.7; 3.4	18.9	+- 0.7; 4.4	19.6	+- 1.7
5	20	3.7	23.1	+- 0.7; 3.5	19.3	+- 0.8; 4.5	19.5	+- 1.7
6	7	4.6	23.0	+- 0.7; 3.4	19.2	+- 0.8; 4.5	20.6	+- 1.5
7	340	7.2	21.1	+- 0.6; 3.2	17.4	+- 0.7; 4.3	18.1	+- 2.0
8	332	4.0	22.2	+- 0.7; 3.3	18.5	+- 0.7; 4.4	19.2	+- 1.5
9	313	3.4	22.4	+- 0.7; 3.4	18.6	+- 0.7; 4.4	19.4	+- 1.7
10	291	4.9	24.1	+- 0.7; 3.6	20.3	+- 0.8; 4.6	20.7	+- 1.8
11	304	3.0	27.8	+- 0.8; 4.2	24.0	+- 0.9; 5.0	24.5	+- 2.0
12	316	1.9	21.3	+- 0.6; 3.2	17.6	+- 0.7; 4.3	18.3	+- 1.7
13	347	1.9	24.5	+- 0.7; 3.7	20.7	+- 0.8; 4.6	20.5	+- 1.7
14	339	1.5	20.7	+- 0.6; 3.1	16.9	+- 0.7; 4.2	17.4	+- 1.4
15	41	1.7	21.0	+- 0.6; 3.2	17.3	+- 0.7; 4.3	18.6	+- 1.7
16	66	2.6	20.8	+- 0.6; 3.1	17.1	+- 0.7; 4.2	19.7	+- 1.6
17	5	0.6	21.7	+- 0.6; 3.2	17.9	+- 0.7; 4.3	18.7	+- 1.9
18	300	0.7	22.4	+- 0.7; 3.4	18.7	+- 0.7; 4.4	18.8	+- 2.1
19	291	0.7	21.3	+- 0.6; 3.2	17.6	+- 0.7; 4.3	18.5	+- 1.8
20	260	0.7	21.4	+- 0.6; 3.2	17.6	+- 0.7; 4.3	18.2	+- 1.6
21	234	0.9	21.6	+- 0.6; 3.2	17.8	+- 0.7; 4.3	18.5	+- 1.7
22	210	1.1	21.7	+- 0.7; 3.3	17.9	+- 0.7; 4.3	19.1	+- 1.5
23	174	1.7	20.2	+- 0.6; 3.0	16.5	+- 0.7; 4.2	17.1	+- 1.4
24	149	1.5	21.7	+- 0.7; 3.3	18.0	+- 0.7; 4.3	17.4	+- 1.8
25	124	1.0	23.2	+- 0.7; 3.5	19.4	+- 0.8; 4.5	19.9	+- 1.6
26	114	1.1	22.7	+- 0.7; 3.4	18.9	+- 0.7; 4.4	20.1	+- 1.8
27	160	1.0	21.6	+- 0.6; 3.2	17.9	+- 0.7; 4.3	19.1	+- 1.6
28	81	1.0	21.7	+- 0.7; 3.3	17.9	+- 0.7; 4.3	18.7	+- 1.9
29	51	0.7	21.8	+- 0.7; 3.3	18.1	+- 0.7; 4.3	19.0	+- 1.6
30	144	3.2	26.0	+- 0.8; 3.9	22.3	+- 0.8; 4.8	22.3	+- 1.9
31	158	2.6	22.8	+- 0.7; 3.4	19.1	+- 0.8; 4.5	19.3	+- 2.3
32	153	7.3	20.0	+- 0.6; 3.0	16.3	+- 0.7; 4.1	18.0	+- 1.6
33	186	4.2	20.1	+- 0.6; 3.0	16.4	+- 0.7; 4.2	17.0	+- 1.8
34	194	3.8	19.5	+- 0.6; 2.9	15.8	+- 0.7; 4.1	17.1	+- 1.6
35	229	5.1	21.9	+- 0.7; 3.3	18.1	+- 0.7; 4.3	18.8	+- 1.6
36	251	4.1	23.3	+- 0.7; 3.5	19.5	+- 0.8; 4.5	18.9	+- 1.9
37	270	3.0	18.6	+- 0.6; 2.8	14.9	+- 0.6; 4.0	15.9	+- 1.6
38	293	11.9	23.2	+- 0.7; 3.5	19.5	+- 0.8; 4.5	20.4	+- 2.0
39	293	11.9	23.8	+- 0.7; 3.6	20.1	+- 0.8; 4.6	20.4	+- 1.8
40	293	11.9	24.4	+- 0.7; 3.7	20.6	+- 0.8; 4.6	20.9	+- 1.8
41	126	2.9	19.0	+- 0.6; 2.9	15.3	+- 0.7; 4.0	16.2	+- 1.8
42	111	4.3	22.1	+- 0.7; 3.3	18.4	+- 0.7; 4.4	19.0	+- 1.8

Transit Dose = 3.5 +- 0.3; 2.9

LIMERICK

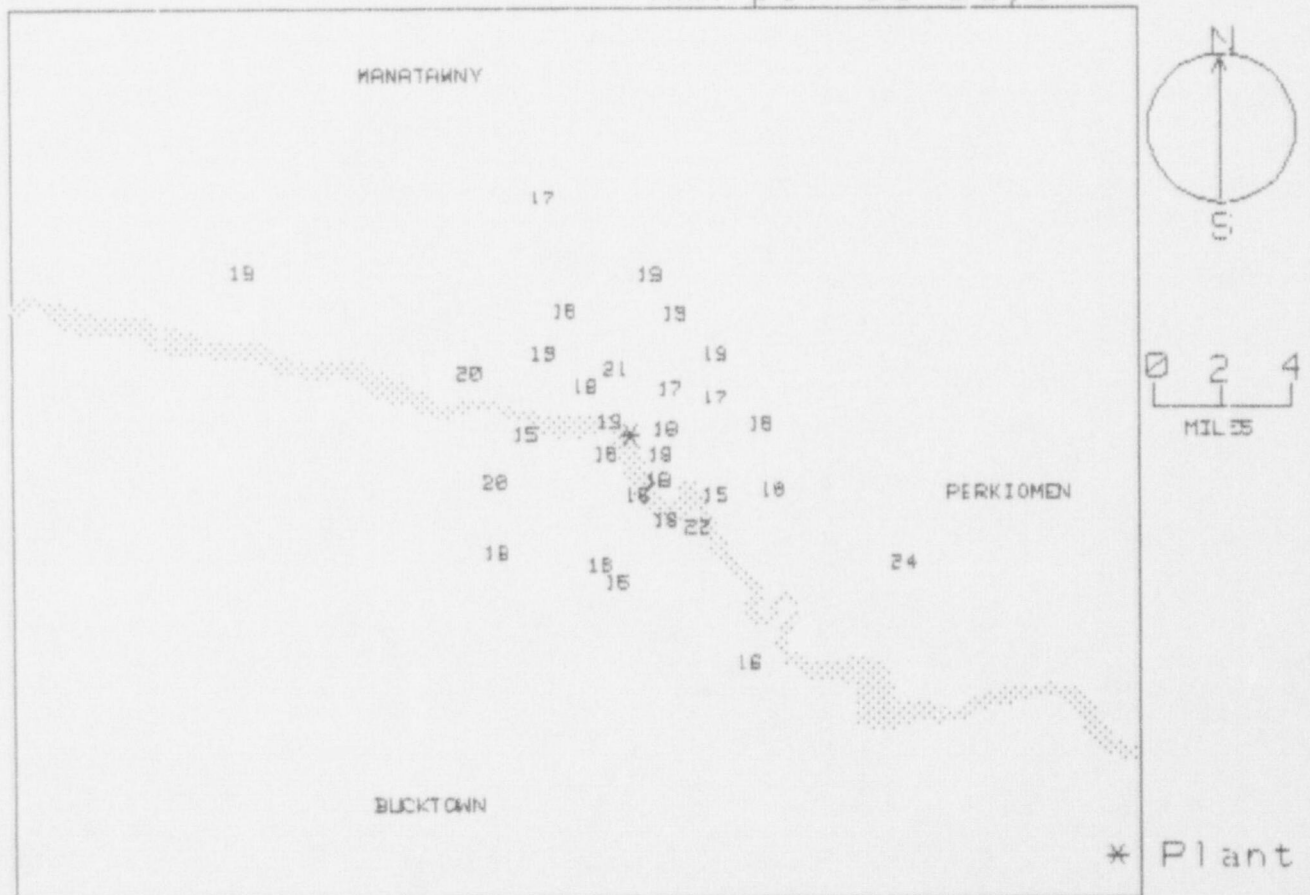
For the period 930321-930720

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 +- 0.9	2
11.26 - 33.75 NNE	19.3 +- 0.0	1
33.76 - 56.25 NE	18.1 +- 0.8	3
56.26 - 78.75 ENE	17.1 +- 0.0	1
78.76 - 101.25 E	17.9 +- 0.1	2
101.26 - 123.75 ESE	20.4 +- 3.0	3
123.76 - 146.25 SE	19.0 +- 3.5	3
146.26 - 168.75 SSE	17.8 +- 1.1	4
168.76 - 191.25 S	16.4 +- 0.1	2
191.26 - 213.75 SSW	16.9 +- 1.5	2
213.76 - 236.25 SW	18.0 +- 0.2	2
236.26 - 258.75 WSW	19.5 +- 0.0	1
258.76 - 281.25 W	16.3 +- 2.0	2
281.26 - 303.75 WNW	18.9 +- 1.4	3
303.76 - 326.25 NW	20.1 +- 3.5	3
326.26 - 348.75 NNW	18.4 +- 1.7	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 1.0	17
2 - 5	18.5 +- 2.3	17
> 5	18.9 +- 3.4	4
Upwind Control	20.0 +- 0.6	3

NRC TLD DOSES FOR LIMERICK AREA
(mR per 90 days)



MAINE YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 930324-930722 121 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	340	1.0	21.4	+- 0.6; 3.2	19.0	+- 0.7; 4.1	18.8	+- 2.2
2	6	1.4	19.5	+- 0.6; 2.9	17.2	+- 0.6; 3.9	17.8	+- 2.5
3	23	1.5	19.8	+- 0.6; 3.0	17.5	+- 0.6; 4.0	17.3	+- 2.1
4	44	1.8	18.9	+- 0.6; 2.8	16.6	+- 0.6; 3.9	17.2	+- 2.6
5	116	0.5	18.4	+- 0.6; 2.8	16.1	+- 0.6; 3.8	17.3	+- 2.5
6	168	1.0	20.4	+- 0.6; 3.1	18.1	+- 0.7; 4.0	18.0	+- 2.3
7	185	1.6	19.2	+- 0.6; 2.9	17.0	+- 0.6; 3.9	16.8	+- 1.8
8	195	2.3	Damaged Dosimeter		No Net Data		17.7	+- 2.4
9	209	3.8	20.1	+- 0.6; 3.0	17.8	+- 0.6; 4.0	17.2	+- 2.1
10	310	1.7	19.9	+- 0.6; 3.0	17.6	+- 0.6; 4.0	17.3	+- 2.6
11	290	1.8	23.4	+- 0.7; 3.5	21.0	+- 0.7; 4.4	19.8	+- 2.9
12	275	1.7	22.2	+- 0.7; 3.3	19.8	+- 0.7; 4.2	18.9	+- 2.3
13	256	1.9	20.7	+- 0.6; 3.1	18.3	+- 0.7; 4.1	17.4	+- 2.5
14	232	2.5	21.4	+- 0.6; 3.2	19.0	+- 0.7; 4.1	18.5	+- 1.6
15	227	5.3	21.2	+- 0.6; 3.2	18.8	+- 0.7; 4.1	18.3	+- 2.5
16	246	4.4	23.0	+- 0.7; 3.5	20.6	+- 0.7; 4.3	19.5	+- 2.5
17	250	6.6	27.7	+- 0.8; 4.2	25.1	+- 0.8; 4.9	23.6	+- 2.2
18	268	4.7	21.5	+- 0.6; 3.2	19.1	+- 0.7; 4.2	18.4	+- 2.3
19	283	4.4	21.7	+- 0.6; 3.2	19.3	+- 0.7; 4.2	19.0	+- 7.4
20	305	4.7	19.9	+- 0.6; 3.0	17.6	+- 0.6; 4.0	17.7	+- 2.9
21	300	2.9	20.5	+- 0.6; 3.1	18.2	+- 0.7; 4.0	18.3	+- 2.5
22	332	2.7	Missing Dosimeter		No Net Data		19.2	+- 2.9
23	20	3.9	21.3	+- 0.6; 3.2	18.9	+- 0.7; 4.1	18.8	+- 2.7
24	23	3.0	22.0	+- 0.7; 3.3	19.6	+- 0.7; 4.2	19.2	+- 2.7
25	42	4.7	22.1	+- 0.7; 3.3	19.7	+- 0.7; 4.2	18.7	+- 2.4
26	60	15.0	20.4	+- 0.6; 3.1	18.0	+- 0.7; 4.0	17.2	+- 2.5
27	62	16.0	18.2	+- 0.5; 2.7	16.0	+- 0.6; 3.8	16.1	+- 2.1
28	63	16.0	20.4	+- 0.6; 3.1	18.0	+- 0.7; 4.0	17.4	+- 2.3
29	64	2.1	22.0	+- 0.7; 3.3	19.6	+- 0.7; 4.2	20.1	+- 2.8
30	84	1.5	18.8	+- 0.6; 2.8	16.6	+- 0.6; 3.9	16.9	+- 2.0
31	115	1.6	18.8	+- 0.6; 2.8	16.5	+- 0.6; 3.9	17.2	+- 2.4
32	135	2.0	18.2	+- 0.5; 2.7	15.9	+- 0.6; 3.8	16.4	+- 2.2
33	66	3.5	20.2	+- 0.6; 3.0	17.9	+- 0.6; 4.0	17.7	+- 2.4
34	97	4.9	22.0	+- 0.7; 3.3	19.6	+- 0.7; 4.2	18.4	+- 2.0
35	123	4.8	22.1	+- 0.7; 3.3	19.8	+- 0.7; 4.2	18.6	+- 1.9
36	140	4.9	20.1	+- 0.6; 3.0	17.8	+- 0.6; 4.0	17.7	+- 3.1
37	151	6.0	21.7	+- 0.6; 3.2	19.3	+- 0.7; 4.2	18.5	+- 2.6
38	152	4.2	21.5	+- 0.6; 3.2	19.2	+- 0.7; 4.2	19.3	+- 2.3
39	172	4.9	20.7	+- 0.6; 3.1	18.4	+- 0.7; 4.1	17.5	+- 1.9
40	156	7.4	19.2	+- 0.6; 2.9	16.9	+- 0.6; 3.9	18.1	+- 2.1

Transit Dose = 1.7 +- 0.3; 2.8

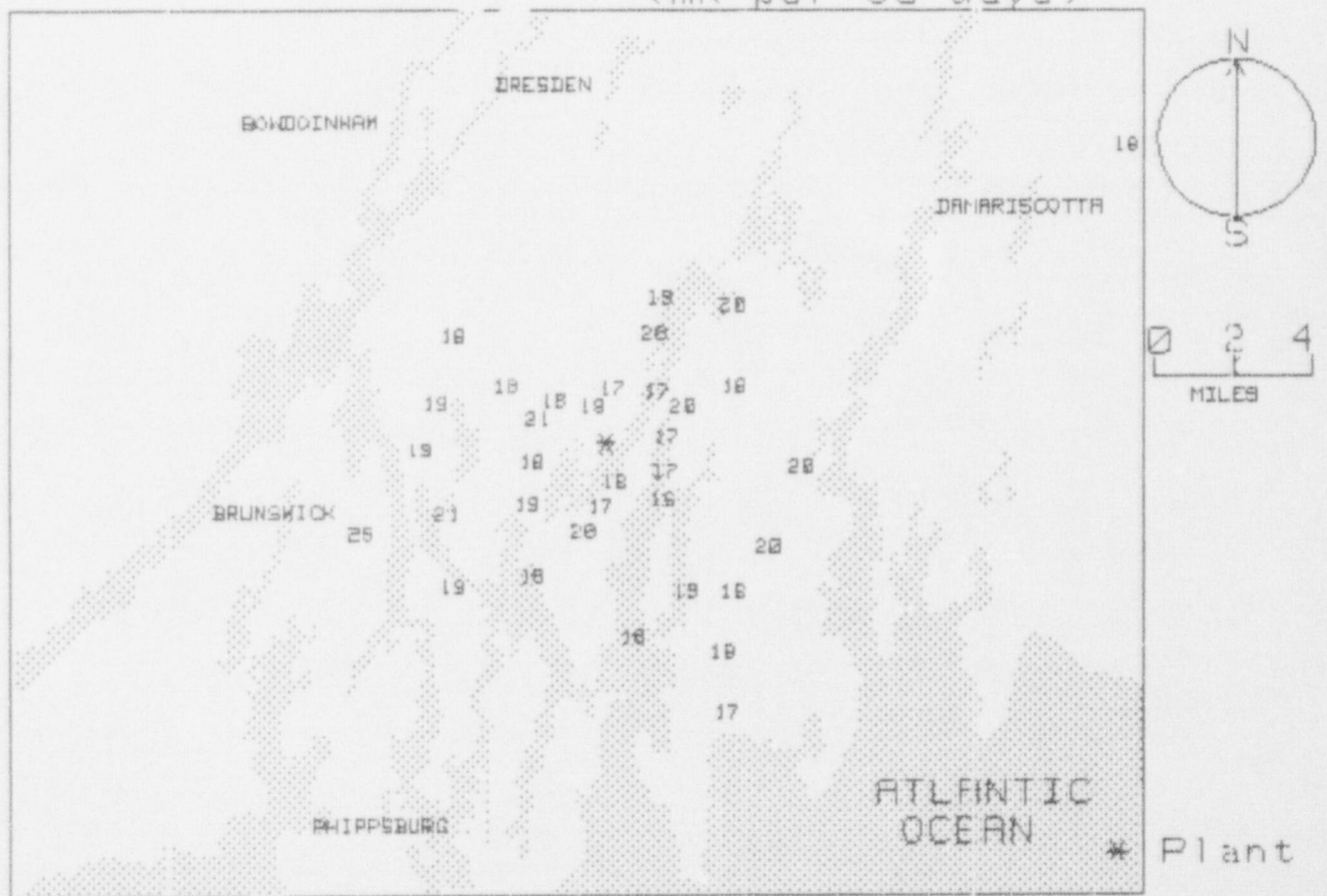
MAINE YANKEE
For the period 930324-930722

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 +- 0.0	1
11.26 - 33.75 NNE	18.7 +- 1.1	3
33.76 - 56.25 NE	18.2 +- 2.2	2
56.26 - 78.75 ENE	18.7 +- 1.2	2
78.76 - 101.25 E	18.1 +- 2.2	2
101.26 - 123.75 ESE	17.5 +- 2.0	3
123.76 - 146.25 SE	16.9 +- 1.3	2
146.26 - 168.75 SSE	18.4 +- 1.1	4
168.76 - 191.25 S	17.7 +- 1.0	2
191.26 - 213.75 SSW	17.8 +- 0.0	1
213.76 - 236.25 SW	18.9 +- 0.2	2
236.26 - 258.75 WSW	21.3 +- 3.5	3
258.76 - 281.25 W	19.5 +- 0.5	2
281.26 - 303.75 WNW	19.5 +- 1.4	3
303.76 - 326.25 NW	17.6 +- 0.0	2
326.26 - 348.75 NNW	19.0 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.7 +- 1.5	14
2 - 5	18.9 +- 0.9	17
> 5	20.0 +- 3.5	4
Upwind Control	17.3 +- 1.2	3

NRC TLD DOSES FOR MAINE YANKEE AREA
(mR per 90 days)



MCGUIRE

TLD Direct Radiation Environmental Monitoring

For the period 930324-930723 122 Days

Field Time: 84 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+--Rdm;	Tot.	+--Rdm;	Tot.	+--1 Std Dev	
1	97	0.5	16.8	+-- 0.5; 2.5	14.6	+-- 0.6; 4.0	14.7	+-- 2.8
2	323	1.6	18.8	+-- 0.6; 2.8	16.7	+-- 0.7; 4.2	17.0	+-- 2.5
3	336	1.7	18.5	+-- 0.6; 2.8	16.4	+-- 0.7; 4.1	18.2	+-- 2.8
4	303	2.9	17.5	+-- 0.5; 2.6	15.4	+-- 0.7; 4.0	16.6	+-- 3.6
5	321	3.9	17.9	+-- 0.5; 2.7	15.8	+-- 0.7; 4.1	16.6	+-- 2.7
6	334	3.7	17.4	+-- 0.5; 2.6	15.3	+-- 0.6; 4.0	16.5	+-- 2.9
7	352	3.5	14.8	+-- 0.4; 2.2	12.5	+-- 0.6; 3.7	15.0	+-- 2.5
8	287	2.0	22.1	+-- 0.7; 3.3	20.2	+-- 0.8; 4.6	17.4	+-- 3.4
9	273	1.9	15.4	+-- 0.5; 2.3	13.1	+-- 0.6; 3.8	16.2	+-- 3.5
10	244	1.7	16.1	+-- 0.5; 2.4	13.9	+-- 0.6; 3.9	15.2	+-- 2.7
11	225	2.1	15.7	+-- 0.5; 2.4	13.4	+-- 0.6; 3.8	14.9	+-- 2.4
12	212	3.6	16.8	+-- 0.5; 2.5	14.6	+-- 0.6; 3.9	16.5	+-- 2.6
13	232	4.4	23.7	+-- 0.7; 3.6	22.0	+-- 0.8; 4.8	22.1	+-- 2.7
14	253	3.7	20.9	+-- 0.6; 3.1	19.0	+-- 0.7; 4.4	19.3	+-- 3.0
15	261	4.2	17.1	+-- 0.5; 2.6	14.9	+-- 0.6; 4.0	15.1	+-- 2.6
16	288	4.3	24.8	+-- 0.7; 3.7	23.2	+-- 0.9; 4.9	22.1	+-- 2.8
17	288	17.0	25.1	+-- 0.8; 3.8	23.4	+-- 0.9; 5.0	23.9	+-- 6.5
18	287	2.0	18.9	+-- 0.6; 2.8	16.8	+-- 0.7; 4.2	21.3	+-- 3.0
19	286	17.0	21.5	+-- 0.6; 3.2	19.6	+-- 0.8; 4.5	22.5	+-- 3.5
20	233	18.0	21.8	+-- 0.7; 3.3	20.0	+-- 0.8; 4.5	21.8	+-- 2.8
21	204	10.0	Missing Dosimeter	No Net Data			16.2	+-- 2.7
22	239	9.5	17.3	+-- 0.5; 2.6	15.1	+-- 0.6; 4.0	17.6	+-- 2.9
23	115	4.9	14.1	+-- 0.4; 2.1	11.7	+-- 0.6; 3.7	13.7	+-- 2.7
24	132	4.9	15.3	+-- 0.5; 2.3	13.0	+-- 0.6; 3.8	14.1	+-- 2.6
25	156	4.0	13.4	+-- 0.4; 2.0	11.0	+-- 0.5; 3.6	12.0	+-- 2.4
26	175	3.7	16.3	+-- 0.5; 2.5	14.1	+-- 0.6; 3.9	14.1	+-- 2.6
27	198	4.3	22.3	+-- 0.7; 3.3	20.5	+-- 0.8; 4.6	19.3	+-- 3.1
28	169	13.0	Missing Dosimeter	No Net Data			14.8	+-- 2.7
29	155	13.0	15.9	+-- 0.5; 2.4	13.7	+-- 0.6; 3.9	14.4	+-- 2.4
30	146	14.0	15.6	+-- 0.5; 2.3	13.3	+-- 0.6; 3.8	13.5	+-- 2.5
31	143	1.9	Missing Dosimeter	No Net Data			14.3	+-- 2.8
32	155	1.3	16.0	+-- 0.5; 2.4	13.7	+-- 0.6; 3.9	14.7	+-- 2.4
33	178	1.6	14.2	+-- 0.4; 2.1	11.8	+-- 0.6; 3.7	13.3	+-- 2.3
34	108	2.0	16.2	+-- 0.5; 2.4	14.0	+-- 0.6; 3.9	15.1	+-- 2.6
35	93	2.2	14.3	+-- 0.4; 2.1	11.9	+-- 0.6; 3.7	14.8	+-- 2.8
36	68	2.5	Missing Dosimeter	No Net Data			14.9	+-- 2.6
37	82	4.7	16.0	+-- 0.5; 2.4	13.7	+-- 0.6; 3.9	14.6	+-- 2.4
38	64	4.9	14.7	+-- 0.4; 2.2	12.4	+-- 0.6; 3.7	14.9	+-- 2.3
39	42	5.0	19.1	+-- 0.6; 2.9	17.1	+-- 0.7; 4.2	18.5	+-- 2.5
40	26	4.3	14.8	+-- 0.4; 2.2	12.5	+-- 0.6; 3.7	15.3	+-- 2.8
41	42	2.0	14.8	+-- 0.4; 2.2	12.4	+-- 0.6; 3.7	12.9	+-- 2.4
42	21	1.6	16.5	+-- 0.5; 2.5	14.3	+-- 0.6; 3.9	17.1	+-- 2.9
43	8	2.6	20.0	+-- 0.6; 3.0	18.0	+-- 0.7; 4.3	18.2	+-- 2.6
44	37	13.0	22.2	+-- 0.7; 3.3	20.4	+-- 0.8; 4.6	21.8	+-- 3.0
45	78	19.0	24.3	+-- 0.7; 3.7	22.7	+-- 0.8; 4.9	24.2	+-- 3.1
46	94	19.0	17.7	+-- 0.5; 2.7	15.6	+-- 0.7; 4.1	18.3	+-- 2.2

Transit Dose = 3.2 +- 0.3; 2.7

MCGUIRE

For the period 930324-930723

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 +- 3.9	2
11.26 - 33.75 NNE	13.4 +- 1.3	2
33.76 - 56.25 NE	16.6 +- 4.0	3
56.26 - 78.75 ENE	17.5 +- 7.3	2
78.76 - 101.25 E	14.0 +- 1.5	4
101.26 - 123.75 ESE	12.8 +- 1.6	2
123.76 - 146.25 SE	13.1 +- 0.2	2
146.26 - 168.75 SSE	12.8 +- 1.6	3
168.76 - 191.25 S	13.0 +- 1.6	2
191.26 - 213.75 SSW	17.5 +- 4.2	2
213.76 - 236.25 SW	18.5 +- 4.5	3
236.26 - 258.75 WSW	16.0 +- 2.7	3
258.76 - 281.25 W	14.0 +- 1.3	2
281.26 - 303.75 WNW	19.6 +- 4.0	3
303.76 - 326.25 NW	16.3 +- 0.7	2
326.26 - 348.75 NNW	15.8 +- 0.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.6 +- 2.4	11
2 - 5	15.3 +- 3.5	21
> 5	17.2 +- 3.7	7
Upwind Control	20.0 +- 3.3	3

MAP FOR MCGUIRE

Map will be provided for this site in the future.

MILLSTONE

TLD Direct Radiation Environmental Monitoring

For the period 930324-930721 120 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	0	1.0	22.5	+- 0.7; 3.4	20.4	+- 0.8; 4.6	20.0	+- 4.3
2	24	1.3	16.5	+- 0.5; 2.5	14.1	+- 0.6; 3.9	15.6	+- 4.0
3	47	1.5	22.1	+- 0.7; 3.3	20.0	+- 0.8; 4.5	19.8	+- 4.1
4	60	1.7	20.6	+- 0.6; 3.1	18.5	+- 0.7; 4.4	17.9	+- 4.0
5	85	1.3	21.4	+- 0.6; 3.2	19.3	+- 0.8; 4.5	19.1	+- 3.8
6	110	1.8	21.1	+- 0.6; 3.2	19.0	+- 0.7; 4.4	18.8	+- 4.0
7	67	5.3	24.4	+- 0.7; 3.7	22.4	+- 0.8; 4.8	19.8	+- 4.3
8	49	5.3	22.9	+- 0.7; 3.4	20.9	+- 0.8; 4.6	19.8	+- 3.8
9	84	5.2	19.7	+- 0.6; 3.0	17.5	+- 0.7; 4.3	18.3	+- 4.0
11	232	2.5	21.1	+- 0.6; 3.2	19.0	+- 0.7; 4.4	17.7	+- 3.8
12	256	2.4	22.8	+- 0.7; 3.4	20.8	+- 0.8; 4.6	19.9	+- 3.7
13	274	2.2	22.6	+- 0.7; 3.4	20.6	+- 0.8; 4.6	19.7	+- 3.9
14	295	1.9	24.3	+- 0.7; 3.6	22.4	+- 0.8; 4.8	20.6	+- 4.3
15	315	1.5	18.3	+- 0.5; 2.7	16.0	+- 0.7; 4.1	16.2	+- 4.0
16	339	1.2	22.5	+- 0.7; 3.4	20.4	+- 0.8; 4.6	19.5	+- 1.9
17	353	3.5	22.5	+- 0.7; 3.4	20.5	+- 0.8; 4.6	18.9	+- 4.2
18	24	3.5	22.7	+- 0.7; 3.4	20.7	+- 0.8; 4.6	18.8	+- 2.1
19	33	3.0	24.5	+- 0.7; 3.7	22.6	+- 0.8; 4.8	20.7	+- 4.4
20	82	4.0	20.9	+- 0.6; 3.1	18.8	+- 0.7; 4.4	18.3	+- 3.9
22	59	3.7	22.6	+- 0.7; 3.4	20.6	+- 0.8; 4.6	20.4	+- 4.4
28	257	5.8	24.1	+- 0.7; 3.6	22.1	+- 0.8; 4.8	21.8	+- 4.4
29	272	3.7	24.7	+- 0.7; 3.7	22.8	+- 0.8; 4.9	21.4	+- 4.4
30	295	3.5	24.1	+- 0.7; 3.6	22.1	+- 0.8; 4.8	21.2	+- 4.0
31	317	3.6	22.0	+- 0.7; 3.3	20.0	+- 0.8; 4.5	18.5	+- 3.9
32	327	4.3	24.5	+- 0.7; 3.7	22.6	+- 0.8; 4.8	21.5	+- 4.2
33	41	4.7	21.9	+- 0.7; 3.3	19.9	+- 0.8; 4.5	20.0	+- 3.8
34	54	5.5	23.1	+- 0.7; 3.5	21.1	+- 0.8; 4.7	21.0	+- 4.5
37	354	6.8	21.8	+- 0.7; 3.3	19.7	+- 0.8; 4.5	19.4	+- 4.1
39	1	5.7	21.0	+- 0.6; 3.2	18.9	+- 0.7; 4.4	18.9	+- 4.0
40	278	8.7	19.8	+- 0.6; 3.0	17.6	+- 0.7; 4.3	17.0	+- 3.7
41	34	11.0	26.1	+- 0.8; 3.9	24.3	+- 0.9; 5.0	24.7	+- 4.5
42	84	8.0	21.6	+- 0.6; 3.2	19.5	+- 0.8; 4.5	19.2	+- 4.0
46	41	0.6	21.2	+- 0.6; 3.2	19.1	+- 0.7; 4.4	18.6	+- 4.0
48	4	40.0	27.8	+- 0.8; 4.2	26.0	+- 0.9; 5.3	24.1	+- 4.3
49	4	40.0	27.4	+- 0.8; 4.1	25.6	+- 0.9; 5.2	24.2	+- 4.6

Transit Dose = 3.2 +- 0.3; 2.7

MILLSTONE

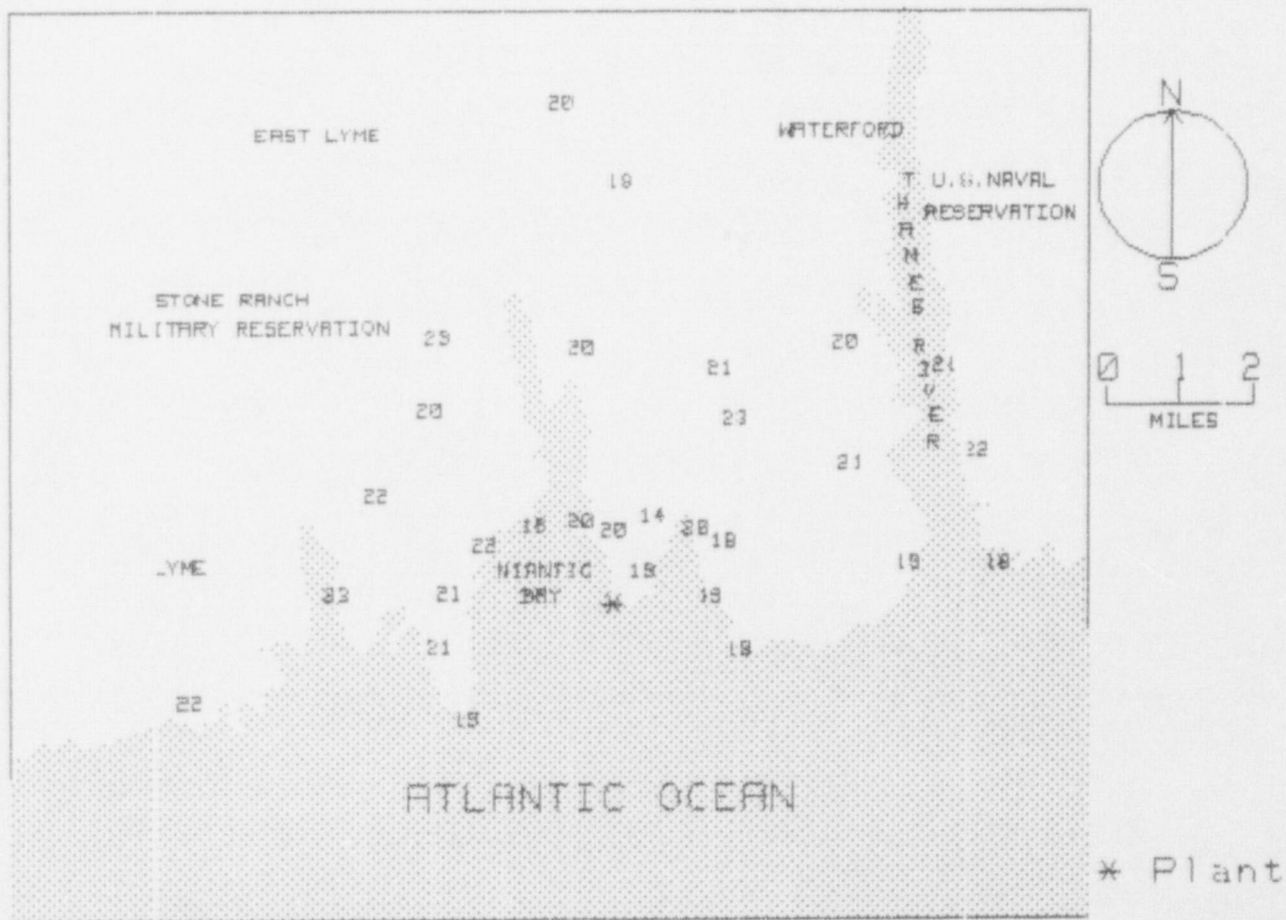
For the period 930324-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.9 +- 0.8	4
11.26 - 33.75 NNE	19.1 +- 4.5	3
33.76 - 56.25 NE	20.9 +- 1.8	6
56.26 - 78.75 ENE	20.5 +- 2.0	3
78.76 - 101.25 E	18.8 +- 0.9	4
101.26 - 123.75 ESE	19.0 +- 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	19.0 +- 0.0	1
236.26 - 258.75 WSW	21.5 +- 0.9	2
258.76 - 281.25 W	20.3 +- 2.6	3
281.26 - 303.75 WNW	22.3 +- 0.2	2
303.76 - 326.25 NW	18.0 +- 2.8	2
326.26 - 348.75 NNW	21.5 +- 1.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.9 +- 2.4	10
2 - 5	20.8 +- 1.3	13
> 5	20.4 +- 2.2	10
Upwind Control	25.8 +- 0.3	2

NRC TLD DOSES FOR MILLSTONE AREA
(mR per 90 days)



MONTICELLO

TLD Direct Radiation Environmental Monitoring

For the period 930322-930723 124 Days

Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	133	3.6	21.6	+- 0.6; 3.2	17.6	+- 0.7; 4.0	16.8	+- 1.3
2	163	4.6	20.8	+- 0.6; 3.1	17.0	+- 0.6; 4.0	17.5	+- 1.4
3	183	4.1	21.5	+- 0.6; 3.2	17.6	+- 0.7; 4.0	17.8	+- 1.4
4	206	4.3	20.3	+- 0.6; 3.0	16.5	+- 0.6; 3.9	17.6	+- 1.4
5	230	4.2	23.9	+- 0.7; 3.6	19.8	+- 0.7; 4.3	19.1	+- 1.8
6	253	4.6	21.0	+- 0.6; 3.2	17.1	+- 0.6; 4.0	17.9	+- 1.5
7	269	4.4	20.5	+- 0.6; 3.1	16.7	+- 0.6; 3.9	17.3	+- 1.4
8	286	4.0	21.7	+- 0.7; 3.3	17.7	+- 0.7; 4.1	18.2	+- 1.5
9	274	1.9	21.4	+- 0.6; 3.2	17.5	+- 0.6; 4.0	17.1	+- 1.2
10	244	1.3	18.8	+- 0.6; 2.8	15.1	+- 0.6; 3.8	15.6	+- 1.4
11	226	0.9	20.4	+- 0.6; 3.1	16.5	+- 0.6; 3.9	16.8	+- 1.4
12	181	1.8	20.4	+- 0.6; 3.1	16.6	+- 0.6; 3.9	17.1	+- 1.4
13	137	1.7	20.7	+- 0.6; 3.1	16.8	+- 0.6; 4.0	17.2	+- 1.3
14	155	1.0	20.4	+- 0.6; 3.1	16.6	+- 0.6; 3.9	17.1	+- 1.2
15	208	0.6	20.6	+- 0.6; 3.1	16.7	+- 0.6; 3.9	16.6	+- 1.3
16	284	2.0	19.3	+- 0.6; 2.9	15.6	+- 0.6; 3.8	16.7	+- 1.2
17	113	1.6	20.6	+- 0.6; 3.1	16.8	+- 0.6; 3.9	16.8	+- 1.8
18	85	1.1	20.4	+- 0.6; 3.1	16.6	+- 0.6; 3.9	16.7	+- 1.3
19	63	1.2	21.0	+- 0.6; 3.2	17.1	+- 0.6; 4.0	16.9	+- 1.4
20	37	1.7	19.4	+- 0.6; 2.9	15.6	+- 0.6; 3.8	16.9	+- 1.1
21	23	0.8	20.7	+- 0.6; 3.1	16.9	+- 0.6; 4.0	17.0	+- 1.2
22	354	0.7	21.4	+- 0.6; 3.2	17.5	+- 0.6; 4.0	17.3	+- 1.4
23	338	0.8	20.3	+- 0.6; 3.0	16.5	+- 0.6; 3.9	17.1	+- 1.3
24	307	1.8	20.6	+- 0.6; 3.1	16.7	+- 0.6; 3.9	17.1	+- 1.4
25	339	4.1	21.3	+- 0.6; 3.2	17.4	+- 0.6; 4.0	16.5	+- 1.4
26	320	6.0	20.1	+- 0.6; 3.0	16.3	+- 0.6; 3.9	16.6	+- 1.6
27	354	4.5	20.9	+- 0.6; 3.1	17.0	+- 0.6; 4.0	16.9	+- 1.5
28	17	3.7	19.9	+- 0.6; 3.0	16.1	+- 0.6; 3.9	15.9	+- 1.4
29	50	4.0	18.7	+- 0.6; 2.8	15.0	+- 0.6; 3.8	16.0	+- 1.5
30	77	3.6	20.7	+- 0.6; 3.1	16.9	+- 0.6; 4.0	16.9	+- 1.4
31	115	3.3	19.4	+- 0.6; 2.9	15.6	+- 0.6; 3.8	16.8	+- 1.4
32	90	4.6	18.1	+- 0.5; 2.7	14.5	+- 0.6; 3.7	16.3	+- 2.1
33	323	16.0	20.2	+- 0.6; 3.0	16.3	+- 0.6; 3.9	16.6	+- 1.5
34	323	16.0	20.5	+- 0.6; 3.1	16.7	+- 0.6; 3.9	16.5	+- 1.4
35	323	16.0	21.2	+- 0.6; 3.2	17.3	+- 0.6; 4.0	17.3	+- 1.6

Transit Dose = 2.2 +- 0.3; 3.0

MONTICELLO

For the period 930322-930723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.3 +- 0.3	2
11.26 - 33.75 NNE	16.5 +- 0.5	2
33.76 - 56.25 NE	15.3 +- 0.4	2
56.26 - 78.75 ENE	17.0 +- 0.2	2
78.76 - 101.25 E	15.6 +- 1.5	2
101.26 - 123.75 ESE	16.2 +- 0.8	2
123.76 - 146.25 SE	17.2 +- 0.6	2
146.26 - 168.75 SSE	16.8 +- 0.3	2
168.76 - 191.25 S	17.1 +- 0.7	2
191.26 - 213.75 SSW	16.6 +- 0.1	2
213.76 - 236.25 SW	18.2 +- 2.3	2
236.26 - 258.75 WSW	16.1 +- 1.4	2
258.76 - 281.25 W	17.1 +- 0.6	2
281.26 - 303.75 WNW	16.7 +- 1.5	2
303.76 - 326.25 NW	16.5 +- 0.3	2
326.26 - 348.75 NNW	16.9 +- 0.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.6 +- 0.6	16
2 - 5	16.8 +- 1.3	15
> 5	16.3 +- 0.0	1
Upwind Control	16.8 +- 0.5	3

MAP FOR MONTICELLO

Map will be provided for this site in the future.

NORTH ANNA

TLD Direct Radiation Environmental Monitoring

For the period 930323-930721 121 Days

Field Time: 86 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	243	1.8	22.9	+- 0.7; 3.4	21.8	+- 0.8; 4.6	21.0	+- 1.6
2	263	1.6	20.5	+- 0.6; 3.1	19.3	+- 0.7; 4.3	17.9	+- 1.4
3	296	1.0	19.9	+- 0.6; 3.0	18.7	+- 0.7; 4.2	18.1	+- 1.5
4	311	1.3	25.3	+- 0.8; 3.8	24.3	+- 0.8; 4.8	22.3	+- 1.5
5	329	1.3	21.5	+- 0.6; 3.2	20.3	+- 0.7; 4.4	19.0	+- 1.3
6	231	3.9	23.6	+- 0.7; 3.5	22.5	+- 0.8; 4.6	20.4	+- 1.4
7	224	1.7	24.1	+- 0.7; 3.6	23.0	+- 0.8; 4.7	19.9	+- 1.4
8	210	1.6	21.1	+- 0.6; 3.2	19.9	+- 0.7; 4.3	18.2	+- 1.4
9	181	1.4	19.1	+- 0.6; 2.9	17.8	+- 0.7; 4.1	16.1	+- 1.4
10	155	1.0	25.9	+- 0.8; 3.9	24.9	+- 0.9; 4.9	24.0	+- 1.6
11	136	1.6	21.7	+- 0.7; 3.3	20.5	+- 0.7; 4.4	18.2	+- 1.7
12	163	3.5	22.3	+- 0.7; 3.3	21.1	+- 0.8; 4.5	19.3	+- 1.5
13	190	3.3	20.8	+- 0.6; 3.1	19.6	+- 0.7; 4.3	17.6	+- 1.4
14	205	4.9	19.3	+- 0.6; 2.9	18.1	+- 0.7; 4.1	17.0	+- 1.2
15	140	4.2	21.5	+- 0.6; 3.2	20.4	+- 0.7; 4.4	19.0	+- 1.3
16	113	4.9	25.7	+- 0.8; 3.9	24.7	+- 0.9; 4.9	22.9	+- 1.7
17	93	3.3	18.6	+- 0.6; 2.8	17.3	+- 0.7; 4.0	16.1	+- 1.3
18	64	4.1	22.3	+- 0.7; 3.4	21.2	+- 0.8; 4.5	19.1	+- 1.5
19	78	2.7	30.8	+- 0.9; 4.6	30.1	+- 1.0; 5.6	28.3	+- 1.5
20	97	1.9	23.4	+- 0.7; 3.5	22.3	+- 0.8; 4.6	20.2	+- 1.9
21	105	1.7	18.7	+- 0.6; 2.8	17.4	+- 0.7; 4.0	16.8	+- 1.3
22	60	2.4	19.5	+- 0.6; 2.9	18.2	+- 0.7; 4.1	17.2	+- 1.4
23	37	1.4	21.5	+- 0.6; 3.2	20.3	+- 0.7; 4.4	19.0	+- 1.4
24	16	1.6	26.4	+- 0.8; 4.0	25.4	+- 0.9; 5.0	23.9	+- 1.6
25	48	3.5	17.0	+- 0.5; 2.6	15.7	+- 0.6; 3.9	16.1	+- 2.0
26	17	3.7	21.5	+- 0.6; 3.2	20.3	+- 0.7; 4.4	19.4	+- 1.5
27	3	4.8	19.9	+- 0.6; 3.0	18.6	+- 0.7; 4.2	17.4	+- 1.8
28	348	4.0	20.7	+- 0.6; 3.1	19.5	+- 0.7; 4.3	17.3	+- 1.4
29	2	1.9	19.5	+- 0.6; 2.9	18.2	+- 0.7; 4.1	16.8	+- 1.2
30	284	5.0	18.6	+- 0.6; 2.8	17.3	+- 0.7; 4.0	17.4	+- 1.5
31	310	4.7	22.6	+- 0.7; 3.4	21.4	+- 0.8; 4.5	20.2	+- 1.8
32	273	4.9	18.5	+- 0.6; 2.8	17.2	+- 0.6; 4.0	14.0	+- 1.7
33	257	5.1	Missing Dosimeter		No Net Data		18.4	+- 1.7
34	242	7.1	21.1	+- 0.6; 3.2	19.9	+- 0.7; 4.3	19.4	+- 1.6
35	255	11.0	19.7	+- 0.6; 3.0	18.4	+- 0.7; 4.2	18.4	+- 1.9
36	248	15.0	21.5	+- 0.6; 3.2	20.3	+- 0.7; 4.4	18.2	+- 1.4
37	247	17.0	20.6	+- 0.6; 3.1	19.4	+- 0.7; 4.3	17.5	+- 1.3
38	244	19.0	18.9	+- 0.6; 2.8	17.6	+- 0.7; 4.1	16.8	+- 1.7

Transit Dose = 2.1 +- 0.3; 2.7

NORTH ANNA

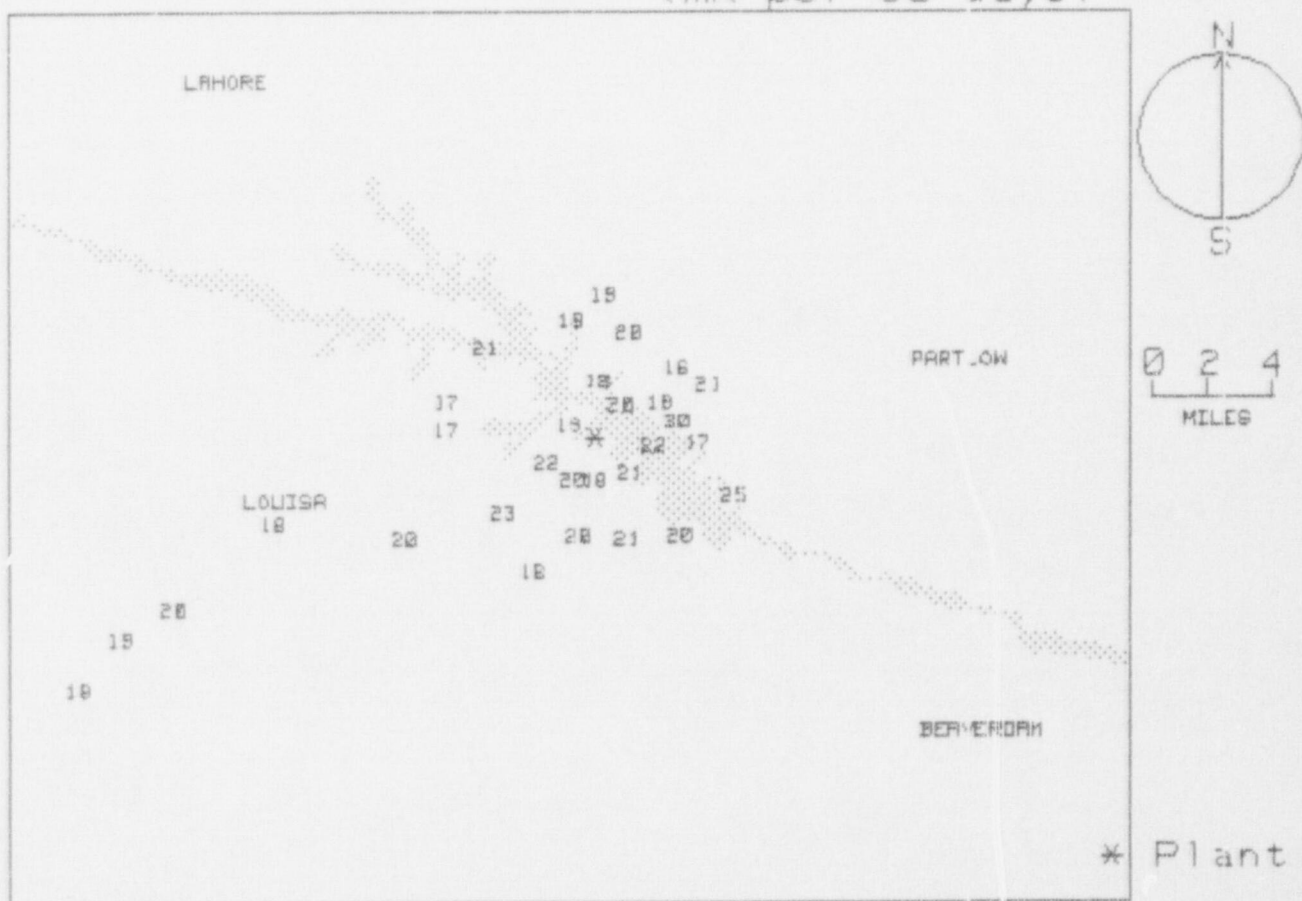
For the period 930323-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.4 +- 0.3	2
11.26 - 33.75 NNE	22.9 +- 3.6	2
33.76 - 56.25 NE	18.0 +- 3.3	2
56.26 - 78.75 ENE	23.2 +- 6.2	3
78.76 - 101.25 E	19.8 +- 3.6	2
101.26 - 123.75 ESE	21.0 +- 5.2	2
123.76 - 146.25 SE	20.4 +- 0.1	2
146.26 - 168.75 SSE	23.0 +- 2.6	2
168.76 - 191.25 S	18.7 +- 1.2	2
191.26 - 213.75 SSW	19.0 +- 1.3	2
213.76 - 236.25 SW	22.8 +- 0.3	2
236.26 - 258.75 WSW	20.1 +- 1.7	3
258.76 - 281.25 W	18.3 +- 1.5	2
281.26 - 303.75 WNW	18.0 +- 1.0	2
303.76 - 326.25 NW	22.8 +- 2.0	2
326.26 - 348.75 NNW	19.9 +- 0.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.9 +- 2.6	15
2 - 5	20.2 +- 3.4	17
> 5	19.2 +- 1.1	2
Upwind Control	19.1 +- 1.4	3

NRC TLD DOSES FOR NORTH ANNA AREA
(mR per 90 days)



OCONEE

TLD Direct Radiation Environmental Monitoring

For the period 930323-930721 121 Days

Field Time: 84 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	158	7.5	Missing Dosimeter	No Net Data	22.8 +- 2.3
2	133	4.9	27.6 +- 0.8; 4.1	24.7 +- 1.0; 5.4	25.7 +- 2.3
3	119	4.3	28.8 +- 0.9; 4.3	26.0 +- 1.0; 5.5	24.5 +- 2.1
4	84	4.7	26.3 +- 0.8; 4.0	23.3 +- 0.9; 5.2	24.8 +- 1.7
5	65	4.0	26.7 +- 0.8; 4.0	23.7 +- 0.9; 5.3	23.7 +- 2.8
6	52	1.8	26.7 +- 0.8; 4.0	23.7 +- 0.9; 5.3	25.0 +- 2.3
7	22	3.5	28.4 +- 0.9; 4.3	25.5 +- 1.0; 5.5	25.3 +- 2.2
8	33	1.4	26.0 +- 0.8; 3.9	23.0 +- 0.9; 5.2	24.9 +- 2.8
9	52	1.8	22.2 +- 0.7; 3.3	18.9 +- 0.8; 4.7	19.9 +- 1.9
10	67	1.1	23.1 +- 0.7; 3.5	19.8 +- 0.8; 4.8	17.0 +- 2.4
11	107	1.9	21.9 +- 0.7; 3.3	18.5 +- 0.8; 4.6	19.4 +- 1.9
12	87	1.0	24.6 +- 0.7; 3.7	21.4 +- 0.9; 5.0	22.2 +- 2.3
13	142	0.7	23.9 +- 0.7; 3.6	20.6 +- 0.9; 4.9	22.8 +- 1.7
14	166	0.7	Missing Dosimeter	No Net Data	19.6 +- 2.1
15	226	1.7	22.9 +- 0.7; 3.4	19.6 +- 0.8; 4.8	22.0 +- 2.0
16	207	1.4	24.2 +- 0.7; 3.6	21.0 +- 0.9; 4.9	21.5 +- 1.7
17	182	2.2	21.1 +- 0.6; 3.2	17.7 +- 0.8; 4.5	18.4 +- 1.8
18	186	3.8	22.7 +- 0.7; 3.4	19.4 +- 0.8; 4.7	19.5 +- 1.9
19	155	4.1	26.6 +- 0.8; 4.0	23.6 +- 0.9; 5.2	23.6 +- 0.9
20	203	8.4	21.0 +- 0.6; 3.1	17.5 +- 0.8; 4.5	18.3 +- 2.4
21	210	4.6	21.4 +- 0.6; 3.2	18.1 +- 0.8; 4.6	19.7 +- 2.2
22	227	4.8	23.7 +- 0.7; 3.6	20.4 +- 0.8; 4.9	21.6 +- 2.9
23	240	3.6	20.3 +- 0.6; 3.0	16.9 +- 0.8; 4.4	20.5 +- 2.5
24	268	3.6	26.1 +- 0.8; 3.9	23.1 +- 0.9; 5.2	24.1 +- 1.9
25	257	1.9	21.5 +- 0.6; 3.2	18.1 +- 0.8; 4.6	19.3 +- 2.3
26	293	3.6	24.9 +- 0.7; 3.7	21.7 +- 0.9; 5.0	21.1 +- 2.3
27	311	3.5	20.8 +- 0.6; 3.1	17.4 +- 0.8; 4.5	18.2 +- 1.6
28	288	2.0	22.0 +- 0.7; 3.3	18.6 +- 0.8; 4.6	20.3 +- 2.1
29	275	1.8	Missing Dosimeter	No Net Data	19.3 +- 1.7
30	321	1.8	23.5 +- 0.7; 3.5	20.3 +- 0.8; 4.8	21.7 +- 2.1
31	344	2.0	20.1 +- 0.6; 3.0	16.6 +- 0.7; 4.4	17.5 +- 2.0
32	336	3.7	27.5 +- 0.8; 4.1	24.6 +- 1.0; 5.4	26.1 +- 2.4
33	358	4.5	23.7 +- 0.7; 3.6	20.5 +- 0.8; 4.9	21.8 +- 2.6
34	256	9.4	27.7 +- 0.8; 4.2	24.7 +- 1.0; 5.4	27.7 +- 2.2
35	149	21.0	25.3 +- 0.8; 3.8	22.2 +- 0.9; 5.1	22.8 +- 2.6
36	126	8.2	24.2 +- 0.7; 3.6	21.0 +- 0.9; 4.9	24.6 +- 2.1
37	96	9.7	27.0 +- 0.8; 4.1	24.1 +- 0.9; 5.3	24.2 +- 1.8
38	32	16.0	32.4 +- 1.0; 4.9	29.8 +- 1.1; 6.0	30.2 +- 3.3
39	31	16.0	27.2 +- 0.8; 4.1	24.2 +- 0.9; 5.3	25.4 +- 3.2
40	29	16.0	28.0 +- 0.8; 4.2	25.0 +- 1.0; 5.4	27.0 +- 1.8

Transit Dose = 4.6 +- 0.3; 2.8

OCONEE

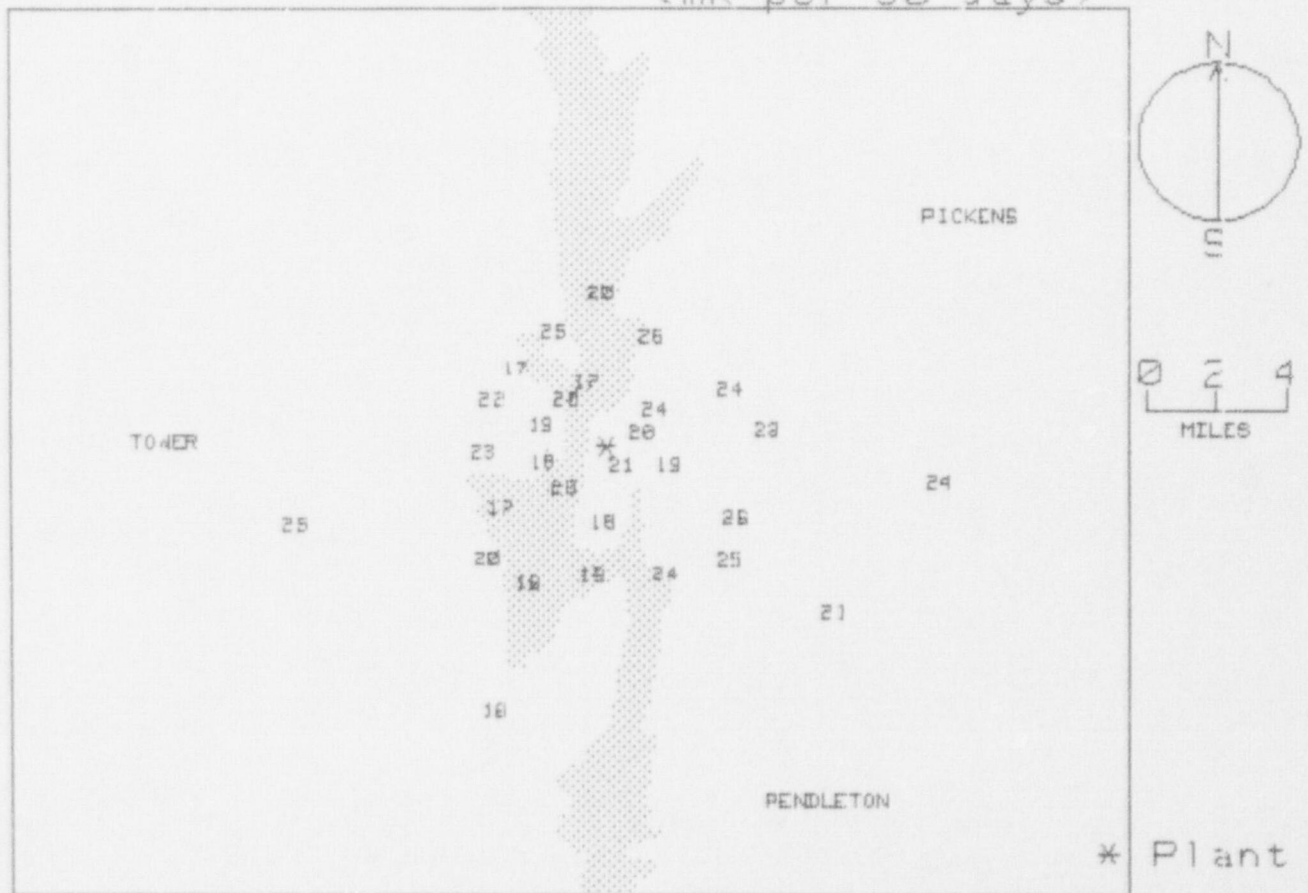
For the period 930323-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.5 +- 0.0	1
11.26 - 33.75 NNE	24.2 +- 1.8	2
33.76 - 56.25 NE	21.3 +- 3.4	2
56.26 - 78.75 ENE	21.8 +- 2.8	2
78.76 - 101.25 E	22.9 +- 1.4	3
101.26 - 123.75 ESE	22.2 +- 5.3	2
123.76 - 146.25 SE	22.1 +- 2.2	3
146.26 - 168.75 SSE	22.9 +- 1.0	2
168.76 - 191.25 S	18.5 +- 1.2	2
191.26 - 213.75 SSW	18.8 +- 1.8	3
213.76 - 236.25 SW	20.0 +- 0.6	2
236.26 - 258.75 WSW	19.9 +- 4.2	3
258.76 - 281.25 W	23.1 +- 0.0	1
281.26 - 303.75 WNW	20.2 +- 2.2	2
303.76 - 326.25 NW	18.8 +- 2.0	2
326.26 - 348.75 NNW	20.6 +- 5.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.0 +- 2.0	13
2 - 5	21.6 +- 3.1	16
> 5	21.9 +- 2.9	5
Upwind Control	26.3 +- 3.0	3

NRC TLD DOSES FOR OCONEE AREA
(mR per 90 days)



OYSTER CREEK

TLD Direct Radiation Environmental Monitoring

For the period 930324-930728 127 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	141	0.5	13.8	+- 0.4; 2.1	11.4	+- 0.5; 3.4	11.4	+- 1.3
2	120	0.9	13.9	+- 0.4; 2.1	11.5	+- 0.5; 3.4	11.4	+- 1.6
3	105	1.5	15.0	+- 0.5; 2.3	12.6	+- 0.5; 3.5	12.5	+- 1.4
4	127	1.5	13.3	+- 0.4; 2.0	10.9	+- 0.5; 3.4	11.4	+- 3.1
5	137	1.3	13.8	+- 0.4; 2.1	11.4	+- 0.5; 3.4	11.6	+- 3.3
6	158	1.2	13.4	+- 0.4; 2.0	11.0	+- 0.5; 3.4	11.3	+- 2.9
7	176	2.2	14.4	+- 0.4; 2.2	12.0	+- 0.5; 3.5	11.9	+- 3.2
8	179	1.6	14.3	+- 0.4; 2.1	11.9	+- 0.5; 3.5	11.7	+- 3.1
9	159	2.8	13.9	+- 0.4; 2.1	11.5	+- 0.5; 3.5	10.5	+- 2.9
10	187	8.4	15.2	+- 0.5; 2.3	12.8	+- 0.5; 3.6	11.5	+- 3.0
11	173	4.4	13.7	+- 0.4; 2.0	11.3	+- 0.5; 3.4	11.8	+- 3.2
12	196	4.2	14.1	+- 0.4; 2.1	11.7	+- 0.5; 3.5	12.4	+- 1.7
13	198	8.6	13.9	+- 0.4; 2.1	11.5	+- 0.5; 3.4	10.7	+- 2.8
14	185	10.0	15.9	+- 0.5; 2.4	13.4	+- 0.5; 3.6	13.9	+- 1.7
15	171	11.0	14.3	+- 0.4; 2.1	11.9	+- 0.5; 3.5	11.0	+- 2.9
16	154	8.2	15.1	+- 0.5; 2.3	12.6	+- 0.5; 3.6	11.7	+- 3.0
17	126	6.3	15.1	+- 0.5; 2.3	12.7	+- 0.5; 3.6	12.7	+- 1.8
18	220	4.6	13.5	+- 0.4; 2.0	11.1	+- 0.5; 3.4	10.8	+- 2.9
19	231	5.3	14.8	+- 0.4; 2.2	12.4	+- 0.5; 3.5	11.1	+- 2.7
20	211	1.6	13.5	+- 0.4; 2.0	11.1	+- 0.5; 3.4	10.7	+- 2.7
22	258	1.5	14.5	+- 0.4; 2.2	12.1	+- 0.5; 3.5	11.3	+- 2.9
23	271	1.2	12.6	+- 0.4; 1.9	10.2	+- 0.5; 3.3	11.2	+- 3.2
24	297	1.3	13.0	+- 0.4; 2.0	10.7	+- 0.5; 3.4	11.9	+- 3.4
25	318	1.5	13.6	+- 0.4; 2.0	11.2	+- 0.5; 3.4	10.9	+- 3.0
26	341	3.2	16.5	+- 0.5; 2.5	14.1	+- 0.6; 3.7	13.2	+- 1.9
27	330	4.6	13.0	+- 0.4; 1.9	10.6	+- 0.5; 3.4	12.0	+- 3.1
28	358	3.2	13.6	+- 0.4; 2.0	11.2	+- 0.5; 3.4	11.1	+- 3.0
29	4	1.8	13.9	+- 0.4; 2.1	11.5	+- 0.5; 3.4	11.6	+- 3.0
30	19	0.8	13.0	+- 0.4; 2.0	10.7	+- 0.5; 3.4	11.6	+- 1.3
31	69	1.4	16.9	+- 0.5; 2.5	14.4	+- 0.6; 3.7	11.8	+- 3.2
32	78	2.5	13.3	+- 0.4; 2.0	10.9	+- 0.5; 3.4	10.9	+- 1.7
33	85	2.2	12.1	+- 0.4; 1.8	9.7	+- 0.5; 3.3	10.7	+- 2.8
34	38	1.7	Missing Dosimeter		No Net Data		11.6	+- 1.5
35	24	1.9	14.2	+- 0.4; 2.1	11.7	+- 0.5; 3.5	12.5	+- 3.6
36	50	3.0	14.4	+- 0.4; 2.2	12.0	+- 0.5; 3.5	12.8	+- 2.1
37	46	4.8	12.6	+- 0.4; 1.9	10.2	+- 0.5; 3.3	11.3	+- 1.4
38	27	4.0	15.0	+- 0.4; 2.2	12.6	+- 0.5; 3.5	12.3	+- 3.3
39	12	8.9	14.1	+- 0.4; 2.1	11.7	+- 0.5; 3.5	11.9	+- 2.9
40	10	8.7	13.3	+- 0.4; 2.0	10.9	+- 0.5; 3.4	11.0	+- 2.9
41	3	9.9	14.7	+- 0.4; 2.2	12.3	+- 0.5; 3.5	11.8	+- 3.4
42	38	10.0	13.1	+- 0.4; 2.0	10.7	+- 0.5; 3.4	12.5	+- 1.7
43	46	9.1	16.1	+- 0.5; 2.4	13.7	+- 0.6; 3.7	14.1	+- 3.6
44	73	6.5	13.2	+- 0.4; 2.0	10.8	+- 0.5; 3.4	10.8	+- 2.9
45	79	6.0	14.1	+- 0.4; 2.1	11.7	+- 0.5; 3.5	12.3	+- 3.1
46	278	20.0	14.7	+- 0.4; 2.2	12.3	+- 0.5; 3.5	12.3	+- 3.0
47	278	20.0	15.3	+- 0.5; 2.3	12.8	+- 0.5; 3.6	12.4	+- 2.9

Transit Dose = 2.2 +- 0.3; 2.8

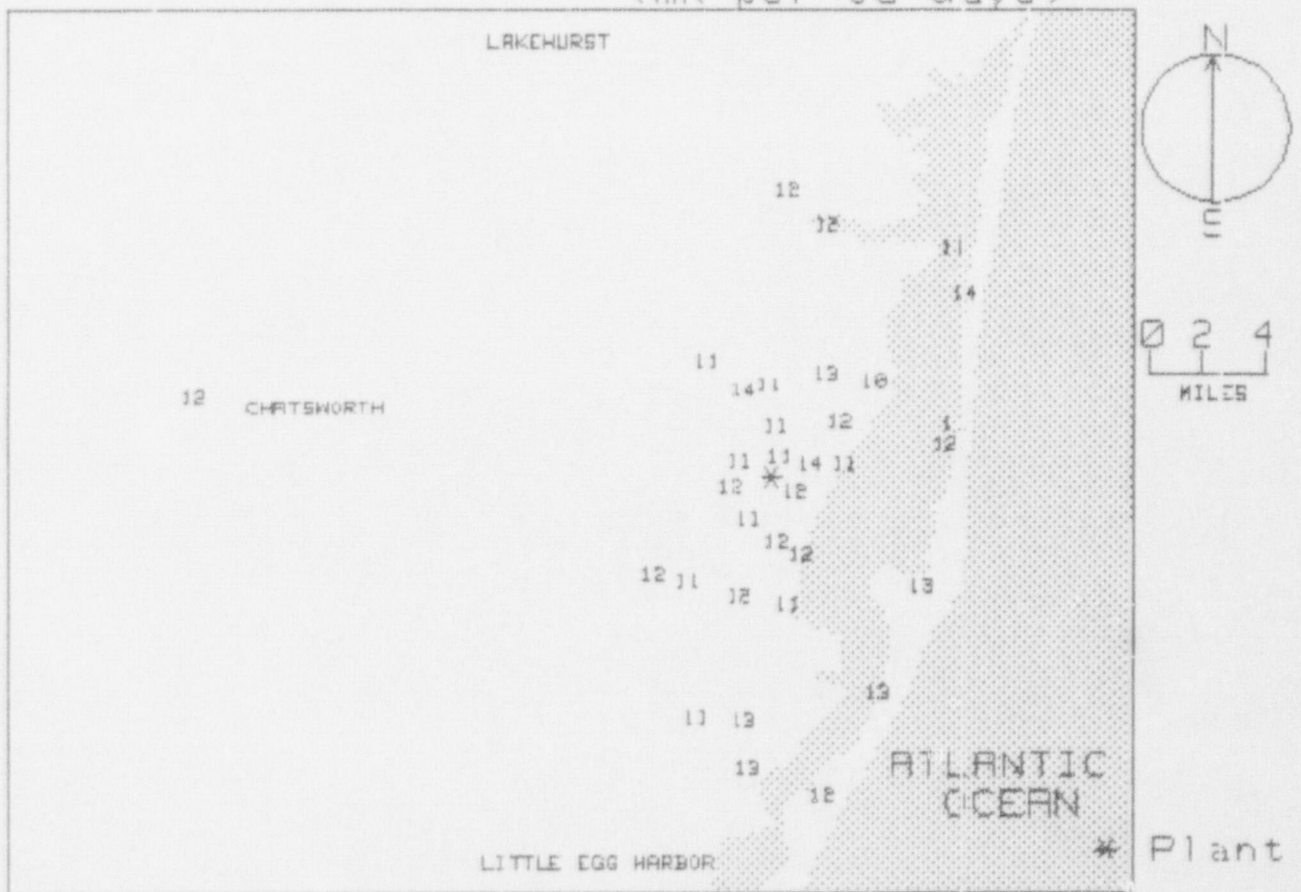
OYSTER CREEK
For the period 930324-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.5 +- 0.6	7
11.26 - 33.75 NNE	11.7 +- 0.8	4
33.76 - 56.25 NE	11.6 +- 1.6	4
56.26 - 78.75 ENE	12.0 +- 2.0	3
78.76 - 101.25 E	10.7 +- 1.4	2
101.26 - 123.75 ESE	12.1 +- 0.8	2
123.76 - 146.25 SE	11.6 +- 0.7	4
146.26 - 168.75 SSE	11.7 +- 0.8	3
168.76 - 191.25 S	12.2 +- 0.8	6
191.26 - 213.75 SSW	11.4 +- 0.3	3
213.76 - 236.25 SW	11.7 +- 1.0	2
236.26 - 258.75 WSW	12.1 +- 0.0	1
258.76 - 281.25 W	10.2 +- 0.0	1
281.26 - 303.75 WNW	10.7 +- 0.0	1
303.76 - 326.25 NW	11.2 +- 0.0	1
326.26 - 348.75 NNW	12.3 +- 2.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mF/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.5 +- 1.0	16
2 - 5	11.4 +- 1.1	13
> 5	12.1 +- 0.9	14
Upwind Control	12.5 +- 0.4	2

NRC TLD DOSES FOR OYSTER CREEK AREA
(mR per 90 days)



PALISADES

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 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	195 4.9	17.7 +- 0.5; 2.7	13.4 +- 0.6; 3.8	13.6 +- 2.0
2	173 4.6	17.0 +- 0.5; 2.6	12.7 +- 0.6; 3.7	14.3 +- 2.3
3	156 3.9	20.4 +- 0.6; 3.1	15.8 +- 0.6; 4.0	15.3 +- 1.9
4	132 4.6	19.6 +- 0.6; 2.9	15.1 +- 0.6; 3.9	14.2 +- 2.1
5	118 3.3	20.0 +- 0.6; 3.0	15.4 +- 0.6; 4.0	15.1 +- 2.3
6	152 1.8	16.4 +- 0.5; 2.5	12.1 +- 0.5; 3.6	14.0 +- 2.1
7	196 2.2	16.7 +- 0.5; 2.5	12.4 +- 0.6; 3.7	13.6 +- 2.1
8	178 1.6	17.8 +- 0.5; 2.7	13.4 +- 0.6; 3.8	14.6 +- 2.3
9	200 0.9	19.1 +- 0.6; 2.9	14.6 +- 0.6; 3.9	14.0 +- 2.2
10	124 1.8	17.1 +- 0.5; 2.6	12.8 +- 0.6; 3.7	14.5 +- 2.8
11	107 1.6	19.8 +- 0.6; 3.0	15.2 +- 0.6; 3.9	14.7 +- 2.0
12	90 1.5	16.6 +- 0.5; 2.5	12.4 +- 0.6; 3.7	13.7 +- 2.2
13	65 1.7	Damaged Dosimeter	No Net Data	14.2 +- 2.1
14	51 1.9	18.4 +- 0.6; 2.8	14.0 +- 0.6; 3.8	14.0 +- 1.9
15	74 3.7	16.5 +- 0.5; 2.5	12.2 +- 0.6; 3.6	13.3 +- 2.5
16	90 3.6	16.2 +- 0.5; 2.4	11.9 +- 0.5; 3.6	13.3 +- 2.4
17	98 10.0	19.7 +- 0.6; 2.9	15.1 +- 0.6; 3.9	15.3 +- 2.1
18	47 4.5	20.4 +- 0.6; 3.1	15.8 +- 0.6; 4.0	16.0 +- 2.0
19	23 1.5	15.8 +- 0.5; 2.4	11.6 +- 0.5; 3.6	13.3 +- 2.6
20	32 4.8	19.8 +- 0.6; 3.0	15.2 +- 0.6; 3.9	15.8 +- 2.4
21	29 7.0	Damaged Dosimeter	No Net Data	15.1 +- 1.8
22	99 15.0	19.7 +- 0.6; 2.9	15.1 +- 0.6; 3.9	15.4 +- 2.2
23	98 18.0	21.3 +- 0.6; 3.2	16.7 +- 0.7; 4.1	15.3 +- 2.0
24	98 18.0	22.0 +- 0.7; 3.3	17.3 +- 0.7; 4.2	15.2 +- 2.2

Transit Dose = 3.2 +- 0.3; 3.1

PALISADES

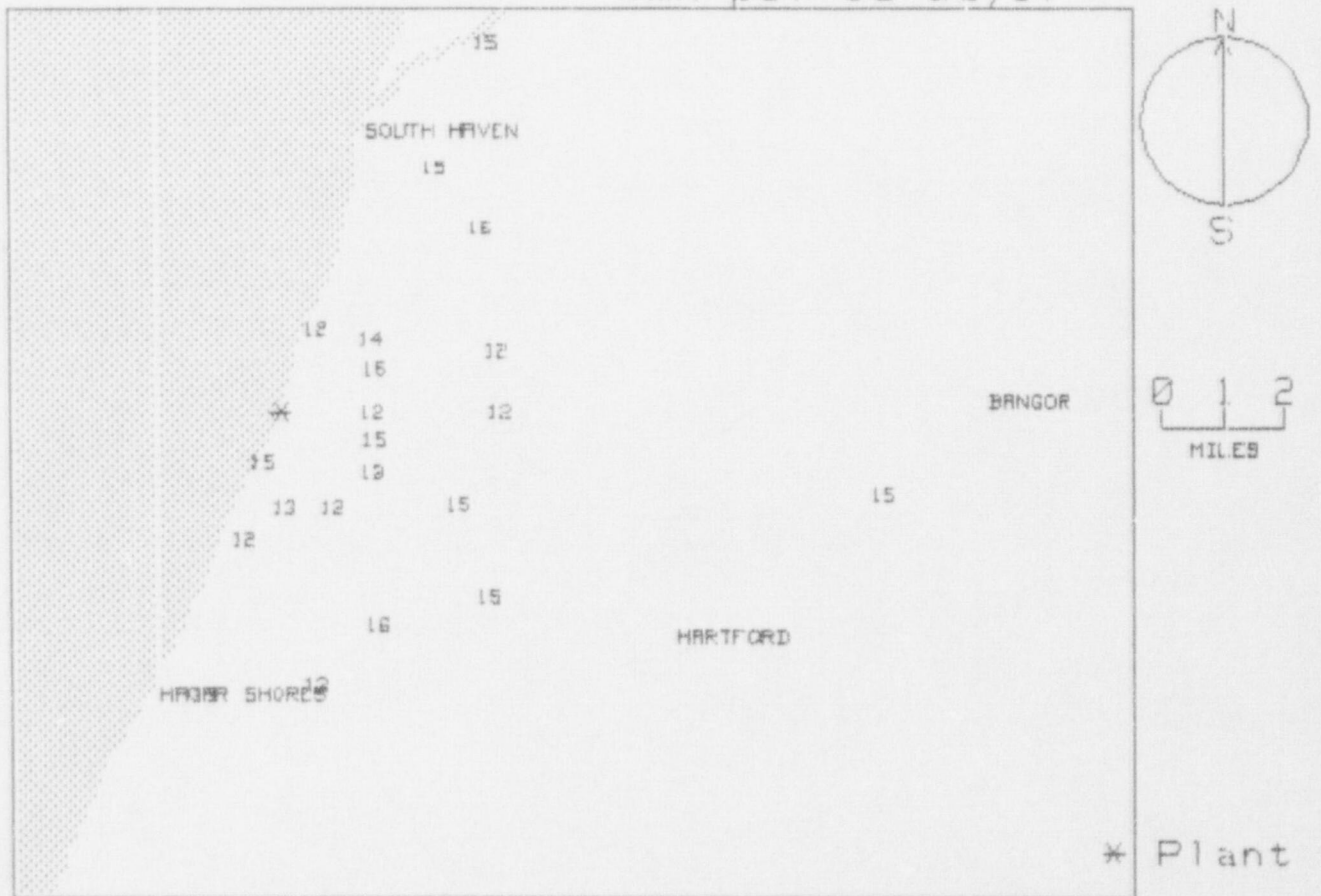
For the period 930322-930728

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	13.4 +- 2.6	2
33.76 - 56.25 NE	14.9 +- 1.3	2
56.26 - 78.75 ENE	12.2 +- 0.0	1
78.76 - 101.25 E	13.1 +- 1.7	3
101.26 - 123.75 ESE	15.3 +- 0.1	2
123.76 - 146.25 SE	13.9 +- 1.6	2
146.26 - 168.75 SSE	14.0 +- 2.6	2
168.76 - 191.25 S	13.0 +- 0.5	2
191.26 - 213.75 SSW	13.5 +- 1.1	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	13.3 +- 1.3	8
2 - 5	14.0 +- 1.6	10
> 5	15.1 +- 0.0	1
Upwind Control	16.4 +- 1.1	3

NRC TLD DOSES FOR PALISADES AREA
(mR per 90 days)



PALO VERDE

TLD Direct Radiation Environmental Monitoring

For the period 930321-930721 123 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	74	23.0	24.2 +- 0.7; 3.6	19.7 +- 0.8; 4.5	20.1 +- 1.6
2	92	21.0	24.4 +- 0.7; 3.7	19.9 +- 0.8; 4.5	21.1 +- 2.0
3	89	15.0	24.4 +- 0.7; 3.7	19.9 +- 0.8; 4.5	20.3 +- 1.9
4	103	11.0	25.5 +- 0.8; 3.8	20.9 +- 0.8; 4.7	20.5 +- 1.9
5	140	7.4	25.8 +- 0.8; 3.9	21.2 +- 0.8; 4.7	21.6 +- 1.9
6	142	3.1	24.4 +- 0.7; 3.7	19.9 +- 0.8; 4.5	20.7 +- 1.7
7	162	2.6	25.5 +- 0.8; 3.8	20.9 +- 0.8; 4.7	20.8 +- 1.8
8	168	2.6	24.9 +- 0.7; 3.7	20.3 +- 0.8; 4.6	20.9 +- 1.9
9	193	2.6	26.8 +- 0.8; 4.0	22.2 +- 0.8; 4.8	22.5 +- 1.8
10	215	3.1	27.3 +- 0.8; 4.1	22.6 +- 0.8; 4.9	22.3 +- 1.9
11	200	1.7	26.2 +- 0.8; 3.9	21.5 +- 0.8; 4.7	22.4 +- 1.9
12	214	1.0	25.7 +- 0.8; 3.8	21.1 +- 0.8; 4.7	21.6 +- 1.7
13	242	0.7	27.8 +- 0.8; 4.2	23.1 +- 0.9; 4.9	23.7 +- 2.0
14	263	0.6	26.5 +- 0.8; 4.0	21.9 +- 0.8; 4.8	22.2 +- 1.9
15	295	0.6	26.5 +- 0.8; 4.0	21.9 +- 0.8; 4.8	21.6 +- 1.9
16	325	1.0	26.7 +- 0.8; 4.0	22.0 +- 0.8; 4.8	21.7 +- 1.7
17	347	1.8	27.1 +- 0.8; 4.1	22.4 +- 0.8; 4.8	22.4 +- 1.9
18	0	2.4	26.8 +- 0.8; 4.0	22.1 +- 0.8; 4.8	23.0 +- 1.8
19	18	1.5	24.5 +- 0.7; 3.7	20.0 +- 0.8; 4.6	20.5 +- 1.7
20	37	2.0	25.2 +- 0.8; 3.8	20.6 +- 0.8; 4.6	21.6 +- 1.6
21	58	2.3	26.4 +- 0.8; 4.0	21.7 +- 0.8; 4.8	22.7 +- 2.0
22	75	2.8	26.9 +- 0.8; 4.0	22.2 +- 0.8; 4.8	23.0 +- 1.6
23	93	4.4	26.1 +- 0.8; 3.9	21.5 +- 0.8; 4.7	22.1 +- 1.9
24	101	3.3	25.2 +- 0.8; 3.8	20.6 +- 0.8; 4.6	21.9 +- 2.4
25	346	2.9	26.3 +- 0.8; 3.9	21.7 +- 0.8; 4.8	21.8 +- 1.9
26	334	4.3	28.1 +- 0.8; 4.2	23.4 +- 0.9; 5.0	24.4 +- 1.9
27	333	7.9	Missing Dosimeter	No Net Data	24.7 +- 2.4
28	0	7.0	27.8 +- 0.8; 4.2	23.1 +- 0.9; 4.9	22.7 +- 1.9
29	9	4.2	29.4 +- 0.9; 4.4	24.6 +- 0.9; 5.1	23.7 +- 1.9
30	27	3.6	26.9 +- 0.8; 4.0	22.3 +- 0.8; 4.8	23.4 +- 2.0
31	49	3.5	26.5 +- 0.8; 4.0	21.8 +- 0.8; 4.8	23.7 +- 1.8
32	120	3.3	28.7 +- 0.9; 4.3	24.0 +- 0.9; 5.0	24.3 +- 2.0

Transit Dose = 3.7 +- 0.3; 3.0

PALO VERDE

For the period 930321-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	23.3 +- 1.2	3
11.26 - 33.75 NNE	21.1 +- 1.6	2
33.76 - 56.25 NE	21.2 +- 0.9	2
56.26 - 78.75 ENE	22.0 +- 0.4	2
78.76 - 101.25 E	21.0 +- 0.6	2
101.26 - 123.75 ESE	22.4 +- 2.2	2
123.76 - 146.25 SE	20.5 +- 1.0	2
146.26 - 168.75 SSE	20.6 +- 0.4	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	21.8 +- 0.4	2
213.76 - 236.25 SW	21.8 +- 1.1	2
236.26 - 258.75 WSW	23.1 +- 0.0	1
258.76 - 281.25 W	21.9 +- 0.0	1
281.26 - 303.75 WNW	21.9 +- 0.0	1
303.76 - 326.25 NW	22.0 +- 0.0	1
326.26 - 348.75 NNW	22.5 +- 0.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	21.6 +- 0.9	9
2 - 5	22.0 +- 1.3	16
> 5	21.7 +- 1.2	3
Upwind Control	19.8 +- 0.1	3

MAP FOR PALO VERDE

Map will be provided for this site in the future.

PEACH BOTTOM

TLD Direct Radiation Environmental Monitoring

For the period 930321-930720 122 Days

Field Time: 88 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/ (Deg)	Dist (Mi)	Exposure (mR)	+--Rdm; Tot.	(mR/Std. Qtr.)	+--Rdm; Tot.	Net Exp Rate	+--1 Std Dev
1	330	10.3	20.7	+-- 0.6; 3.1	18.0	+-- 0.7; 4.3	15.6	+-- 1.3
2	33	10.5	20.1	+-- 0.6; 3.0	17.4	+-- 0.7; 4.2	16.9	+-- 1.3
3	21	4.8	19.6	+-- 0.6; 2.9	16.9	+-- 0.7; 4.2	17.9	+-- 1.5
4	3	5.0	20.2	+-- 0.6; 3.0	17.5	+-- 0.7; 4.2	17.0	+-- 1.5
5	344	4.1	20.7	+-- 0.6; 3.1	18.0	+-- 0.7; 4.3	17.3	+-- 1.6
6	1	2.2	21.6	+-- 0.6; 3.2	19.0	+-- 0.7; 4.4	19.0	+-- 1.5
7	26	2.4	20.8	+-- 0.6; 3.1	18.1	+-- 0.7; 4.3	18.0	+-- 1.4
8	55	2.8	21.0	+-- 0.6; 3.1	18.3	+-- 0.7; 4.3	18.7	+-- 1.6
9	42	2.0	20.8	+-- 0.6; 3.1	18.1	+-- 0.7; 4.3	17.1	+-- 1.3
10	62	1.7	22.2	+-- 0.7; 3.3	19.6	+-- 0.8; 4.5	18.6	+-- 2.7
11	96	1.9	21.7	+-- 0.7; 3.3	19.0	+-- 0.7; 4.4	19.2	+-- 1.5
12	105	2.3	16.2	+-- 0.5; 2.4	13.4	+-- 0.6; 3.8	14.0	+-- 1.0
13	72	5.0	20.1	+-- 0.6; 3.0	17.4	+-- 0.7; 4.2	16.8	+-- 1.6
14	85	4.6	21.8	+-- 0.7; 3.3	19.2	+-- 0.7; 4.4	18.6	+-- 1.7
15	109	4.3	21.8	+-- 0.7; 3.3	19.2	+-- 0.7; 4.4	19.2	+-- 1.6
16	130	4.6	15.8	+-- 0.5; 2.4	13.0	+-- 0.6; 3.8	13.8	+-- 1.6
17	157	8.9	16.8	+-- 0.5; 2.5	14.1	+-- 0.6; 3.9	15.3	+-- 1.5
18	163	4.6	18.6	+-- 0.6; 2.8	15.8	+-- 0.7; 4.0	16.6	+-- 1.3
19	183	3.9	22.1	+-- 0.7; 3.3	19.4	+-- 0.7; 4.4	18.9	+-- 1.3
20	201	4.8	20.8	+-- 0.6; 3.1	18.1	+-- 0.7; 4.3	18.7	+-- 1.8
21	196	2.3	21.6	+-- 0.6; 3.2	19.0	+-- 0.7; 4.4	19.2	+-- 1.6
22	182	1.7	21.8	+-- 0.7; 3.3	19.1	+-- 0.7; 4.4	18.7	+-- 1.3
23	157	1.8	24.7	+-- 0.7; 3.7	22.1	+-- 0.8; 4.8	21.5	+-- 1.9
24	219	1.8	24.6	+-- 0.7; 3.7	22.0	+-- 0.8; 4.7	20.6	+-- 1.6
25	249	1.7	22.9	+-- 0.7; 3.4	20.2	+-- 0.8; 4.5	19.5	+-- 1.6
26	269	1.8	24.0	+-- 0.7; 3.6	21.4	+-- 0.8; 4.7	20.2	+-- 1.7
27	286	1.9	20.4	+-- 0.6; 3.1	17.7	+-- 0.7; 4.2	17.5	+-- 1.1
28	323	1.8	18.7	+-- 0.6; 2.8	16.0	+-- 0.7; 4.1	16.1	+-- 1.6
29	286	3.6	24.3	+-- 0.7; 3.6	21.7	+-- 0.8; 4.7	21.1	+-- 1.4
30	262	4.0	23.7	+-- 0.7; 3.6	21.1	+-- 0.8; 4.6	20.6	+-- 1.7
31	261	9.9	24.5	+-- 0.7; 3.7	21.9	+-- 0.8; 4.7	21.2	+-- 1.6
32	247	3.2	21.6	+-- 0.6; 3.2	19.0	+-- 0.7; 4.4	18.5	+-- 1.4
33	235	3.6	15.8	+-- 0.5; 2.4	13.0	+-- 0.6; 3.8	13.9	+-- 1.5
34	319	4.9	22.4	+-- 0.7; 3.4	19.7	+-- 0.8; 4.5	19.6	+-- 1.5
35	149	0.7	20.1	+-- 0.6; 3.0	17.4	+-- 0.7; 4.2	17.7	+-- 1.4
36	147	17.9	17.1	+-- 0.5; 2.6	14.4	+-- 0.6; 3.9	13.9	+-- 1.2
37	147	17.9	17.5	+-- 0.5; 2.6	14.7	+-- 0.6; 3.9	14.7	+-- 1.5
38	147	17.9	16.6	+-- 0.5; 2.5	13.9	+-- 0.6; 3.8	14.5	+-- 1.2

Transit Dose = 3.1 +- 0.3; 2.8

PEACH BOTTOM
For the period 930321-930720

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 +- 1.0	2
11.26 - 33.75 NNE	17.5 +- 0.6	3
33.76 - 56.25 NE	18.2 +- 0.2	2
56.26 - 78.75 ENE	18.5 +- 1.5	2
78.76 - 101.25 E	19.1 +- 0.1	2
101.26 - 123.75 ESE	16.3 +- 4.1	2
123.76 - 146.25 SE	13.0 +- 0.0	1
146.26 - 168.75 SSE	17.4 +- 3.5	4
168.76 - 191.25 S	19.3 +- 0.2	2
191.26 - 213.75 SSW	18.5 +- 0.6	2
213.76 - 236.25 SW	17.5 +- 6.3	2
236.26 - 258.75 WSW	19.6 +- 0.9	2
258.76 - 281.25 W	21.5 +- 0.4	3
281.26 - 303.75 WNW	19.7 +- 2.8	2
303.76 - 326.25 NW	17.9 +- 2.6	2
326.26 - 348.75 NNW	18.0 +- 0.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.3 +- 2.0	11
2 - 5	17.8 +- 2.4	20
> 5	17.8 +- 3.2	4
Upwind Control	14.3 +- 0.4	3

MAP FOR PEACH BOTTOM

Map will be provided for this site in the future.

PERRY

TLD Direct Radiation Environmental Monitoring

For the period 930322-930729 130 Days

Field Time: 104 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	72	5.0	19.1 +- 0.6; 2.9	16.5 +- 0.5; 3.6	16.2 +- 2.2
3	88	5.5	19.7 +- 0.6; 3.0	17.1 +- 0.5; 3.6	16.1 +- 2.1
4	112	6.0	20.4 +- 0.6; 3.1	17.6 +- 0.6; 3.7	17.1 +- 2.2
5	130	4.0	20.0 +- 0.6; 3.0	17.3 +- 0.6; 3.7	16.9 +- 2.4
6	155	5.0	22.7 +- 0.7; 3.4	19.7 +- 0.6; 3.9	19.9 +- 1.6
7	178	5.2	22.0 +- 0.7; 3.3	19.0 +- 0.6; 3.8	17.7 +- 1.9
8	205	4.6	22.0 +- 0.7; 3.3	19.0 +- 0.6; 3.8	17.5 +- 3.6
9	220	5.2	20.8 +- 0.6; 3.1	18.0 +- 0.6; 3.7	16.2 +- 2.1
10	225	7.4	19.4 +- 0.6; 2.9	16.8 +- 0.5; 3.6	17.6 +- 2.1
11	240	5.8	22.9 +- 0.7; 3.4	19.8 +- 0.6; 3.9	18.8 +- 2.2
12	225	19.0	19.9 +- 0.6; 3.0	17.2 +- 0.6; 3.6	16.6 +- 2.5
13	225	19.0	19.2 +- 0.6; 2.9	16.6 +- 0.5; 3.6	16.0 +- 2.3
14	212	12.0	26.0 +- 0.8; 3.9	22.5 +- 0.7; 4.2	21.9 +- 2.3
15	248	1.4	18.4 +- 0.6; 2.8	16.0 +- 0.5; 3.5	16.1 +- 2.3
16	225	0.8	17.5 +- 0.5; 2.6	15.2 +- 0.5; 3.4	16.3 +- 3.3
17	205	0.7	17.5 +- 0.5; 2.6	15.2 +- 0.5; 3.4	14.2 +- 2.0
18	180	0.8	18.6 +- 0.6; 2.8	16.1 +- 0.5; 3.5	15.6 +- 2.4
19	152	1.8	18.1 +- 0.5; 2.7	15.6 +- 0.5; 3.5	16.5 +- 2.3
20	123	1.6	16.2 +- 0.5; 2.4	14.0 +- 0.5; 3.3	14.5 +- 2.2
21	105	1.4	18.2 +- 0.5; 2.7	15.7 +- 0.5; 3.5	14.8 +- 2.1
22	85	1.2	17.4 +- 0.5; 2.6	15.1 +- 0.5; 3.4	16.6 +- 3.4
23	65	1.4	19.1 +- 0.6; 2.9	16.6 +- 0.5; 3.6	16.4 +- 2.4
24	40	0.6	Missing Dosimeter	No Net Data	15.6 +- 2.3
25	40	0.6	23.3 +- 0.7; 3.5	20.1 +- 0.6; 4.0	18.0 +- 3.8
26	182	2.8	18.7 +- 0.6; 2.8	16.2 +- 0.5; 3.5	17.0 +- 3.3
27	175	2.8	Missing Dosimeter	No Net Data	16.9 +- 3.4

Transit Dose = 0.0 +- 0.2; 3.0

PERRY

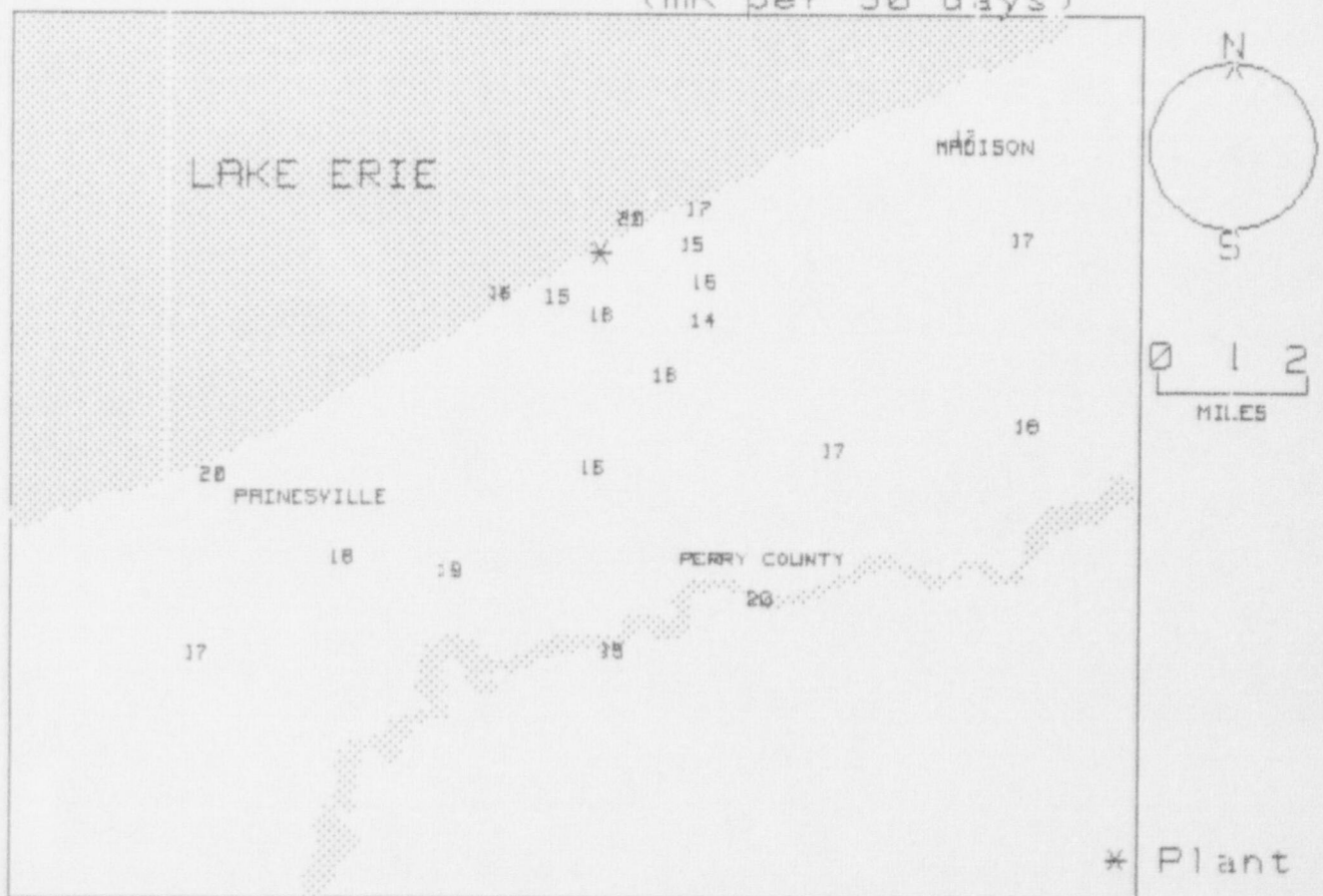
For the period 930322-930729

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	20.1 +- 0.0	1
56.26 - 78.75 ENE	16.5 +- 0.0	2
78.76 - 101.25 E	16.1 +- 1.4	2
101.26 - 123.75 ESE	15.8 +- 1.8	3
123.76 - 146.25 SE	17.3 +- 0.0	1
146.26 - 168.75 SSE	17.7 +- 2.8	2
168.76 - 191.25 S	17.1 +- 1.7	3
191.26 - 213.75 SSW	17.1 +- 2.7	2
213.76 - 236.25 SW	16.6 +- 1.4	3
236.26 - 258.75 WSW	17.9 +- 2.7	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	16.0 +- 1.6	10
2 - 5	17.7 +- 1.5	5
> 5	18.0 +- 1.2	6
Upwind Control	18.8 +- 3.2	3

NRC TLD DOSES FOR PERRY AREA
(mR per 90 days)



PILGRIM

TLD Direct Radiation Environmental Monitoring

For the period 930324-930721 120 Days

Field Time: 86 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	288	0.1	47.3	+- 1.4; 7.1	41.4	+- 1.6; 8.1	43.4	+-27.0
2	310	0.2	22.8	+- 0.7; 3.4	15.8	+- 0.9; 4.9	16.8	+- 4.2
5	289	0.7	24.2	+- 0.7; 3.6	17.3	+- 0.9; 5.1	16.9	+- 3.9
6	261	1.7	22.8	+- 0.7; 3.4	15.7	+- 0.9; 4.9	14.9	+- 3.8
7	270	0.5	27.0	+- 0.8; 4.0	20.1	+- 1.0; 5.4	18.9	+- 4.2
8	247	0.3	24.3	+- 0.7; 3.6	17.3	+- 0.9; 5.1	16.9	+- 3.4
9	224	0.3	22.5	+- 0.7; 3.4	15.4	+- 0.8; 4.9	15.6	+- 4.0
10	205	0.3	21.8	+- 0.7; 3.3	14.7	+- 0.8; 4.8	17.1	+- 4.5
11	184	0.3	23.9	+- 0.7; 3.6	16.8	+- 0.9; 5.0	18.4	+- 4.5
12	159	0.4	22.9	+- 0.7; 3.4	15.8	+- 0.9; 4.9	16.5	+- 3.4
13	146	0.7	20.9	+- 0.6; 3.1	13.7	+- 0.8; 4.7	13.9	+- 3.3
14	155	1.0	23.2	+- 0.7; 3.5	16.2	+- 0.9; 4.9	15.5	+- 4.0
16	136	1.3	21.1	+- 0.6; 3.2	13.9	+- 0.8; 4.7	14.1	+- 3.2
18	212	0.8	20.8	+- 0.6; 3.1	13.7	+- 0.8; 4.7	14.5	+- 5.2
19	232	1.0	21.3	+- 0.6; 3.2	14.2	+- 0.8; 4.7	13.9	+- 3.3
21	256	1.6	21.2	+- 0.6; 3.2	14.0	+- 0.8; 4.7	13.6	+- 3.6
22	130	2.5	21.8	+- 0.7; 3.3	14.7	+- 0.8; 4.8	14.2	+- 3.4
23	146	3.4	21.1	+- 0.6; 3.2	13.9	+- 0.8; 4.7	13.7	+- 3.5
25	168	1.5	22.1	+- 0.7; 3.3	15.0	+- 0.8; 4.8	14.2	+- 3.1
26	180	1.3	19.4	+- 0.6; 2.9	12.2	+- 0.8; 4.5	12.5	+- 3.5
27	231	1.8	20.6	+- 0.6; 3.1	13.5	+- 0.8; 4.6	13.7	+- 3.1
30	153	2.2	25.0	+- 0.8; 3.8	18.0	+- 0.9; 5.2	16.2	+- 3.1
31	179	2.5	21.1	+- 0.6; 3.2	14.0	+- 0.8; 4.7	13.2	+- 3.3
32	217	2.6	20.0	+- 0.6; 3.0	12.8	+- 0.8; 4.6	12.2	+- 3.1
33	234	2.5	20.9	+- 0.6; 3.1	13.7	+- 0.8; 4.7	14.0	+- 3.4
37	264	4.2	22.0	+- 0.7; 3.3	14.9	+- 0.8; 4.8	14.4	+- 3.4
38	152	3.5	20.1	+- 0.6; 3.0	12.9	+- 0.8; 4.6	13.4	+- 3.7
39	155	5.3	19.0	+- 0.6; 2.8	11.7	+- 0.8; 4.5	12.2	+- 3.4
40	272	4.6	22.3	+- 0.7; 3.3	15.2	+- 0.8; 4.8	15.2	+- 3.3
42	281	4.6	21.1	+- 0.6; 3.2	14.0	+- 0.8; 4.7	13.4	+- 3.2
43	291	5.8	23.2	+- 0.7; 3.5	16.2	+- 0.9; 4.9	16.0	+- 3.3
45	197	6.0	20.4	+- 0.6; 3.1	13.3	+- 0.8; 4.6	13.0	+- 3.8
47	301	26.0	Missing Dosimeter		No Net Data		15.2	+- 3.3
48	301	26.0	Missing Dosimeter		No Net Data		15.8	+- 3.3
49	301	26.0	23.2	+- 0.7; 3.5	16.2	+- 0.9; 4.9	14.7	+- 3.3

Transit Dose = 7.8 +- 0.4; 3.2

PILGRIM

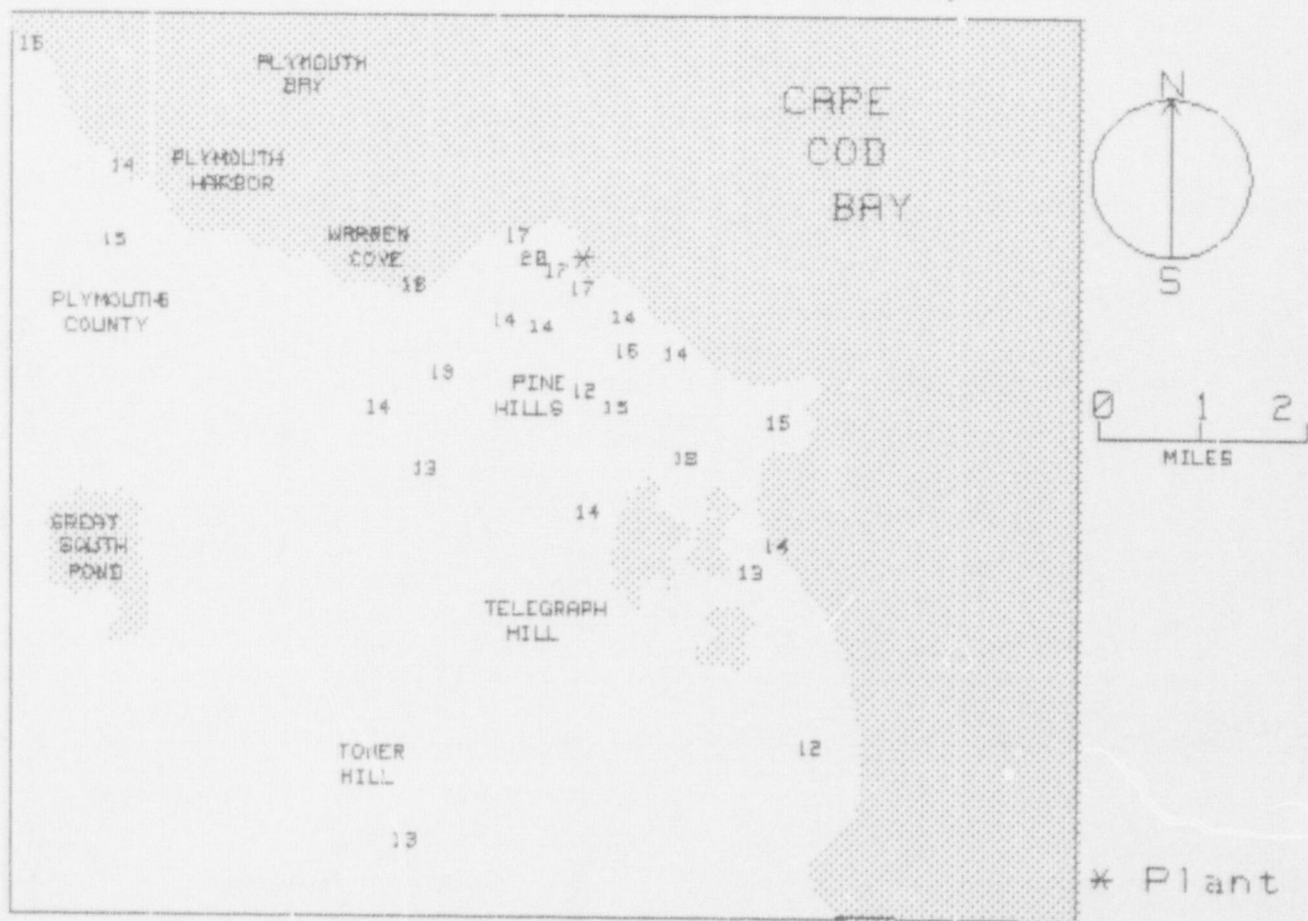
For the period 930324-930721

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	14.1 +- 0.4	4
146.26 - 168.75 SSE	15.0 +- 2.3	6
168.76 - 191.25 S	14.3 +- 2.4	3
191.26 - 213.75 SSW	13.9 +- 0.7	3
213.76 - 236.25 SW	13.9 +- 1.0	5
236.26 - 258.75 WSW	15.7 +- 2.3	2
258.76 - 281.25 W	16.0 +- 2.4	5
281.26 - 303.75 WNW	25.0 +- 14.3	3
303.76 - 326.25 NW	15.8 +- 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	16.7 +- 6.3	19
2 - 5	14.4 +- 1.5	10
> 5	13.7 +- 2.3	3
Upwind Control	16.2 +- 0.0	1

NRC TLD DOSES FOR PILGRIM AREA
(mR per 90 days)



PRAIRIE ISLAND
 TLD Direct Radiation Environmental Monitoring
 For the period 930322-930729 130 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	312 16.5	20.1 +- 0.6; 3.0	15.7 +- 0.7; 4.3	17.8 +- 2.2
2	310 15.0	19.2 +- 0.6; 2.9	14.7 +- 0.7; 4.2	17.2 +- 2.3
3	310 15.0	19.7 +- 0.6; 3.0	15.3 +- 0.7; 4.3	17.2 +- 2.5
4	308 5.5	20.9 +- 0.6; 3.1	16.6 +- 0.7; 4.4	17.5 +- 2.0
5	297 4.1	20.8 +- 0.6; 3.1	16.4 +- 0.7; 4.4	16.2 +- 2.1
6	287 1.3	18.9 +- 0.6; 2.8	14.5 +- 0.7; 4.2	17.0 +- 2.2
7	313 0.8	19.6 +- 0.6; 2.9	15.2 +- 0.7; 4.3	15.3 +- 1.8
8	244 0.5	20.1 +- 0.6; 3.0	15.7 +- 0.7; 4.3	16.5 +- 2.1
9	194 0.6	20.3 +- 0.6; 3.0	16.0 +- 0.7; 4.4	16.9 +- 1.8
10	155 0.5	21.3 +- 0.6; 3.2	16.9 +- 0.8; 4.5	17.5 +- 2.0
11	129 1.6	20.2 +- 0.6; 3.0	15.8 +- 0.7; 4.4	15.8 +- 1.9
12	153 1.4	20.3 +- 0.6; 3.1	16.0 +- 0.7; 4.4	16.5 +- 1.7
13	217 0.6	20.9 +- 0.6; 3.1	16.5 +- 0.7; 4.4	16.9 +- 2.0
14	178 0.8	21.1 +- 0.6; 3.2	16.8 +- 0.8; 4.5	16.8 +- 2.0
15	272 1.9	18.5 +- 0.6; 2.8	14.1 +- 0.7; 4.2	16.0 +- 2.1
16	262 4.6	21.8 +- 0.7; 3.3	17.5 +- 0.8; 4.5	18.1 +- 2.6
17	250 4.3	22.0 +- 0.7; 3.3	17.6 +- 0.8; 4.6	17.6 +- 2.1
18	225 4.1	24.4 +- 0.7; 3.7	20.2 +- 0.8; 4.9	17.8 +- 3.1
19	233 6.7	18.9 +- 0.6; 2.8	14.5 +- 0.7; 4.2	15.8 +- 2.2
20	200 4.9	23.7 +- 0.7; 3.6	19.4 +- 0.8; 4.8	18.7 +- 2.3
21	187 4.7	24.6 +- 0.7; 3.7	20.3 +- 0.8; 4.9	19.2 +- 2.4
22	160 4.4	22.0 +- 0.7; 3.3	17.7 +- 0.8; 4.6	17.6 +- 2.2
23	140 4.7	21.8 +- 0.7; 3.3	17.5 +- 0.8; 4.5	18.2 +- 2.2
24	131 6.6	23.5 +- 0.7; 3.5	19.2 +- 0.8; 4.7	17.6 +- 2.1
25	117 4.9	21.2 +- 0.6; 3.2	16.8 +- 0.8; 4.5	16.5 +- 2.0
26	88 1.9	21.2 +- 0.6; 3.2	16.8 +- 0.8; 4.5	16.9 +- 1.9
27	69 1.8	21.3 +- 0.6; 3.2	16.9 +- 0.8; 4.5	16.9 +- 2.3
28	47 1.6	21.3 +- 0.6; 3.2	16.9 +- 0.8; 4.5	17.2 +- 2.3
29	19 1.5	20.6 +- 0.6; 3.1	16.2 +- 0.7; 4.4	16.0 +- 2.2
30	356 1.9	20.8 +- 0.6; 3.1	16.5 +- 0.7; 4.4	16.5 +- 2.4
31	346 2.4	23.4 +- 0.7; 3.5	19.1 +- 0.8; 4.7	18.5 +- 2.3
32	340 3.8	23.9 +- 0.7; 3.6	19.7 +- 0.8; 4.8	19.9 +- 4.2
33	8 4.6	24.0 +- 0.7; 3.6	19.8 +- 0.8; 4.8	19.3 +- 2.3
34	17 4.7	22.5 +- 0.7; 3.4	18.2 +- 0.8; 4.6	19.1 +- 2.4
35	45 11.0	21.6 +- 0.6; 3.2	17.3 +- 0.8; 4.5	17.1 +- 1.9
36	48 4.7	22.9 +- 0.7; 3.4	18.6 +- 0.8; 4.7	18.8 +- 2.3
37	61 4.2	23.6 +- 0.7; 3.5	19.3 +- 0.8; 4.8	19.2 +- 2.1
38	86 4.9	23.2 +- 0.7; 3.5	19.0 +- 0.8; 4.7	18.9 +- 2.2
39	107 9.1	21.3 +- 0.6; 3.2	17.0 +- 0.8; 4.5	16.7 +- 2.0
40	111 3.7	20.2 +- 0.6; 3.0	15.8 +- 0.7; 4.4	16.7 +- 2.0

Transit Dose = 4.9 +- 0.4; 2.9

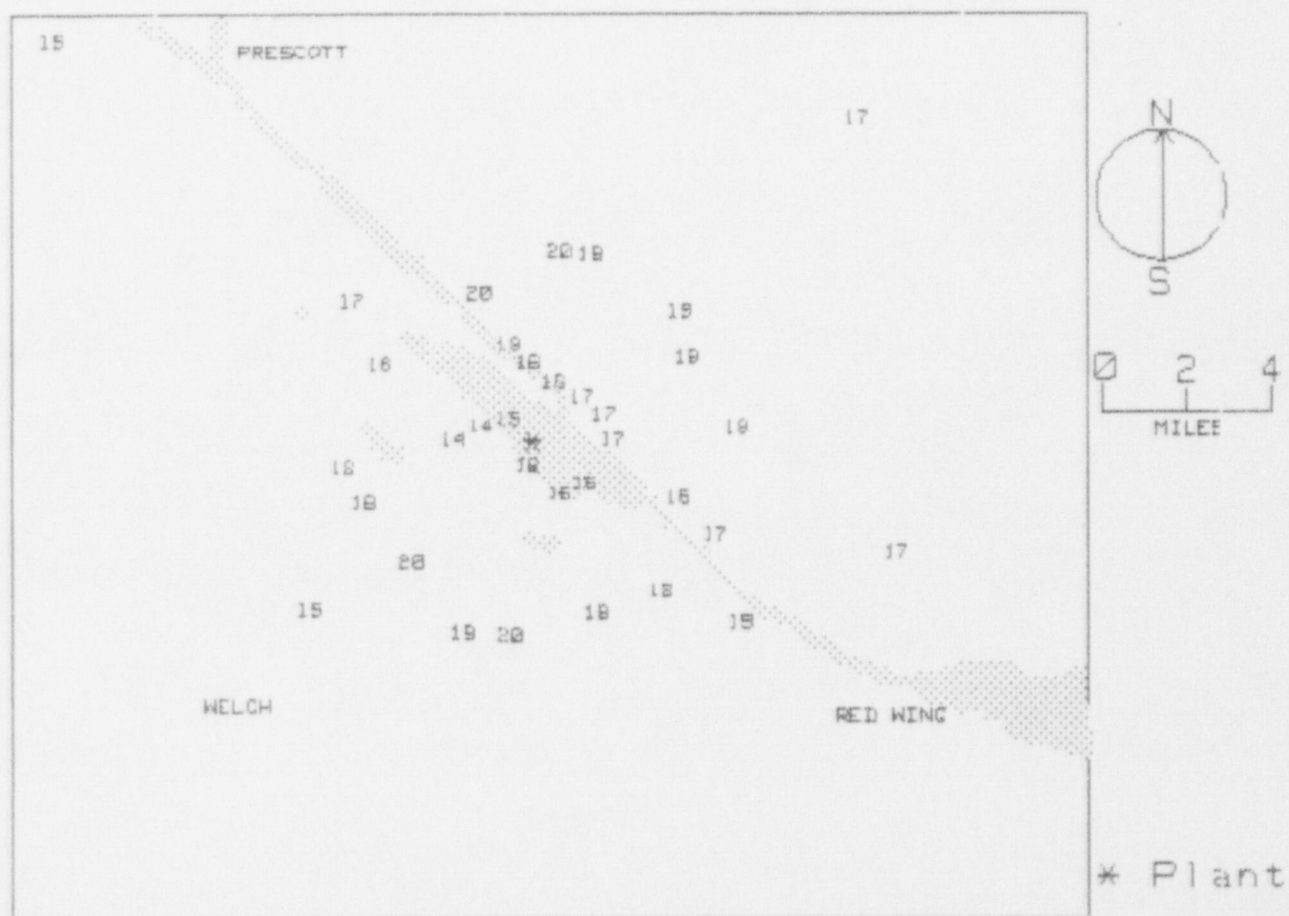
PRAIRIE ISLAND
For the period 930322-930729

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 +- 2.3	2
11.26 - 33.75 NNE	17.2 +- 1.4	2
33.76 - 56.25 NE	17.6 +- 0.9	3
56.26 - 78.75 ENE	18.1 +- 1.7	2
78.76 - 101.25 E	17.9 +- 1.5	2
101.26 - 123.75 ESE	16.5 +- 0.6	3
123.76 - 146.25 SE	17.5 +- 1.7	3
146.26 - 168.75 SSE	16.9 +- 0.9	3
168.76 - 191.25 S	18.6 +- 2.5	2
191.26 - 213.75 SSW	17.7 +- 2.5	2
213.76 - 236.25 SW	17.1 +- 2.9	3
236.26 - 258.75 WSW	16.7 +- 1.4	2
258.76 - 281.25 W	15.8 +- 2.4	2
281.26 - 303.75 WNW	15.5 +- 1.4	2
303.76 - 326.25 NW	15.9 +- 1.0	2
326.26 - 348.75 NNW	19.4 +- 0.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.1 +- 0.9	15
2 - 5	18.4 +- 1.3	17
> 5	16.9 +- 1.7	5
Upwind Control	15.2 +- 0.5	3

NRC TLD DOSES FOR PRAIRIE ISLAND AREA
(mR per 90 days)



QUAD CITIES

TLD Direct Radiation Environmental Monitoring

For the period 930322-930723 124 Days

Field Time: 100 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	3	0.7	Missing Dosimeter	No Net Data	15.0 +- 1.7
2	16	1.2	18.1 +- 0.5; 2.7	15.7 +- 0.5; 3.6	17.5 +- 2.3
3	35	1.7	17.7 +- 0.5; 2.6	15.3 +- 0.5; 3.6	15.1 +- 1.7
4	45	1.1	17.2 +- 0.5; 2.6	14.9 +- 0.5; 3.5	15.9 +- 1.6
5	90	0.8	17.4 +- 0.5; 2.6	15.1 +- 0.5; 3.6	15.6 +- 1.7
6	138	1.1	17.8 +- 0.5; 2.7	15.4 +- 0.5; 3.6	16.3 +- 1.7
7	175	1.8	16.3 +- 0.5; 2.4	14.1 +- 0.5; 3.5	16.4 +- 1.8
8	165	2.0	18.7 +- 0.6; 2.8	16.3 +- 0.6; 3.7	16.5 +- 1.6
9	186	3.1	17.1 +- 0.5; 2.6	14.8 +- 0.5; 3.5	15.9 +- 1.5
10	188	7.7	13.9 +- 0.4; 2.1	11.9 +- 0.4; 3.3	16.5 +- 4.6
11	156	4.2	19.4 +- 0.6; 2.9	16.9 +- 0.6; 3.7	16.8 +- 1.7
12	142	4.8	19.2 +- 0.6; 2.9	16.7 +- 0.6; 3.7	16.6 +- 2.0
13	123	3.3	19.1 +- 0.6; 2.9	16.6 +- 0.6; 3.7	16.2 +- 1.8
14	122	2.0	15.9 +- 0.5; 2.4	13.7 +- 0.5; 3.4	15.0 +- 1.9
15	86	2.8	19.3 +- 0.6; 2.9	16.8 +- 0.6; 3.7	17.3 +- 1.7
16	57	4.4	21.2 +- 0.6; 3.2	18.5 +- 0.6; 3.9	19.1 +- 1.8
17	48	6.1	18.8 +- 0.6; 2.8	16.4 +- 0.6; 3.7	16.5 +- 1.6
18	39	9.4	17.6 +- 0.5; 2.6	15.3 +- 0.5; 3.6	15.8 +- 1.4
19	34	4.7	16.9 +- 0.5; 2.5	14.6 +- 0.5; 3.5	15.6 +- 1.7
20	16	4.3	18.8 +- 0.6; 2.8	16.3 +- 0.6; 3.7	16.6 +- 1.8
21	352	4.2	18.2 +- 0.5; 2.7	15.8 +- 0.5; 3.6	18.8 +- 2.9
22	328	4.1	21.0 +- 0.6; 3.2	18.3 +- 0.6; 3.9	18.6 +- 1.9
23	337	5.7	18.8 +- 0.6; 2.8	16.3 +- 0.6; 3.7	17.0 +- 1.7
24	310	4.4	20.2 +- 0.6; 3.0	17.6 +- 0.6; 3.8	18.4 +- 2.0
25	295	4.1	18.3 +- 0.5; 2.7	15.9 +- 0.6; 3.6	16.4 +- 1.8
26	278	6.9	15.7 +- 0.5; 2.3	13.5 +- 0.5; 3.4	14.4 +- 1.7
27	260	4.3	Missing Dosimeter	No Net Data	16.2 +- 1.9
28	253	4.0	18.0 +- 0.5; 2.7	15.6 +- 0.5; 3.6	16.7 +- 1.9
29	352	2.8	18.9 +- 0.6; 2.8	16.5 +- 0.6; 3.7	17.5 +- 1.9
30	335	1.9	Missing Dosimeter	No Net Data	17.1 +- 1.7
31	305	2.6	18.0 +- 0.5; 2.7	15.6 +- 0.5; 3.6	17.4 +- 2.2
32	285	2.5	14.6 +- 0.4; 2.2	12.6 +- 0.5; 3.3	15.3 +- 2.3
33	257	2.0	17.5 +- 0.5; 2.6	15.2 +- 0.5; 3.6	16.7 +- 2.3
34	248	2.2	18.1 +- 0.5; 2.7	15.7 +- 0.5; 3.6	16.8 +- 1.6
35	229	2.6	17.3 +- 0.5; 2.6	15.0 +- 0.5; 3.5	15.8 +- 1.8
36	204	3.4	17.4 +- 0.5; 2.6	15.0 +- 0.5; 3.6	16.5 +- 2.5
37	194	9.3	17.1 +- 0.5; 2.6	14.8 +- 0.5; 3.5	16.7 +- 3.3
38	224	4.9	19.0 +- 0.6; 2.9	16.5 +- 0.6; 3.7	17.5 +- 2.0
39	301	14.0	17.4 +- 0.5; 2.6	15.1 +- 0.5; 3.6	15.7 +- 1.7
40	301	14.0	16.8 +- 0.5; 2.5	14.6 +- 0.5; 3.5	15.5 +- 2.0
41	301	14.0	15.9 +- 0.5; 2.4	13.7 +- 0.5; 3.4	15.0 +- 1.8

Transit Dose = 0.7 +- 0.3; 3.0

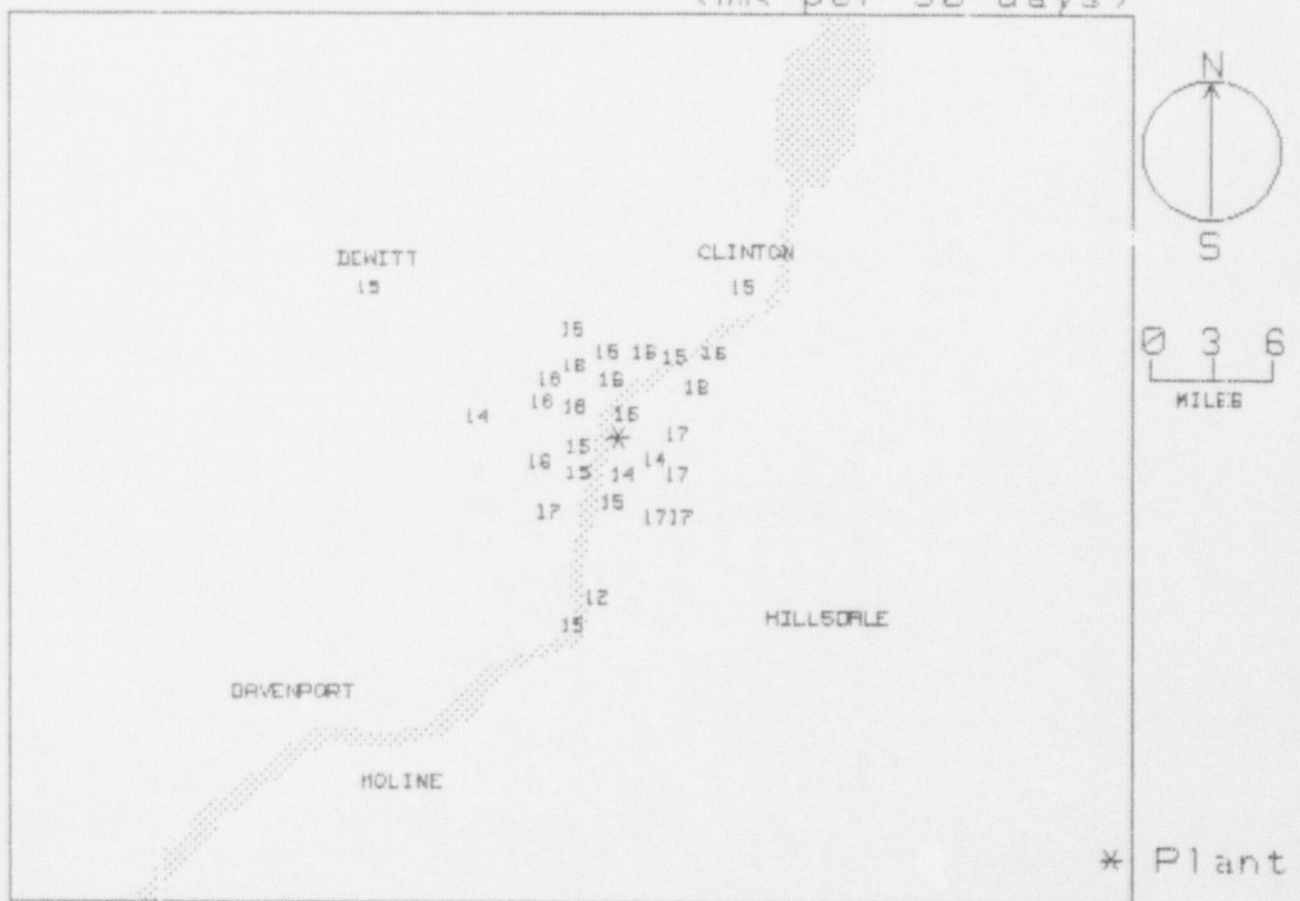
QUAD CITIES
For the period 930322-930723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.1 +- 0.5	2
11.26 - 33.75 NNE	16.0 +- 0.4	2
33.76 - 56.25 NE	15.3 +- 0.7	5
56.26 - 78.75 ENE	18.5 +- 0.0	1
78.76 - 101.25 E	15.9 +- 1.3	2
101.26 - 123.75 ESE	15.1 +- 2.1	2
123.76 - 146.25 SE	16.0 +- 0.9	2
146.26 - 168.75 SSE	16.6 +- 0.4	2
168.76 - 191.25 S	13.6 +- 1.5	3
191.26 - 213.75 SSW	14.9 +- 0.2	2
213.76 - 236.25 SW	15.8 +- 1.1	2
236.26 - 258.75 WSW	15.5 +- 0.3	3
258.76 - 281.25 W	13.5 +- 0.0	1
281.26 - 303.75 WNW	14.2 +- 2.4	2
303.76 - 326.25 NW	16.6 +- 1.4	2
326.26 - 348.75 NNW	17.3 +- 1.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.1 +- 0.8	9
2 - 5	16.1 +- 1.4	20
> 5	14.7 +- 1.7	6
Upwind Control	14.4 +- 0.7	3

NRC TLD DOSES FOR QUAD-CITIES AREA
(mR per 90 days)



RANCHO SECO

TLD Direct Radiation Environmental Monitoring

For the period 930321-930723 125 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	16.0	18.7 +- 0.6; 2.8	15.2 +- 0.6; 4.0	16.4 +- 3.1
2	239	12.0	18.7 +- 0.6; 2.8	15.3 +- 0.6; 4.0	17.8 +- 1.9
3	213	16.0	21.6 +- 0.6; 3.2	18.1 +- 0.7; 4.3	18.9 +- 1.8
4	149	9.9	18.4 +- 0.6; 2.8	14.9 +- 0.6; 4.0	16.9 +- 2.6
5	108	8.2	24.2 +- 0.7; 3.6	20.7 +- 0.8; 4.6	22.8 +- 2.1
6	86	10.0	16.8 +- 0.5; 2.5	13.4 +- 0.6; 3.8	14.9 +- 2.1
7	83	9.7	16.6 +- 0.5; 2.5	13.2 +- 0.6; 3.8	14.7 +- 1.6
8	37	7.1	17.7 +- 0.5; 2.7	14.3 +- 0.6; 3.9	15.1 +- 1.9
9	65	0.8	19.5 +- 0.6; 2.9	16.1 +- 0.7; 4.1	15.9 +- 2.0
10	43	0.7	Missing Dosimeter	No Net Data	17.0 +- 2.4
11	92	0.2	17.0 +- 0.5; 2.6	13.6 +- 0.6; 3.8	15.5 +- 2.0
12	131	1.6	16.6 +- 0.5; 2.5	13.2 +- 0.6; 3.8	14.6 +- 1.7
13	358	0.6	20.4 +- 0.6; 3.1	16.9 +- 0.7; 4.2	17.4 +- 1.9
14	323	0.7	18.4 +- 0.6; 2.8	15.0 +- 0.6; 4.0	16.3 +- 1.8
15	151	0.7	17.6 +- 0.5; 2.6	14.2 +- 0.6; 3.9	15.6 +- 1.9
16	219	0.9	18.9 +- 0.6; 2.8	15.5 +- 0.6; 4.0	16.4 +- 1.8
17	245	1.5	19.1 +- 0.6; 2.9	15.6 +- 0.6; 4.0	15.3 +- 1.7
18	254	2.3	17.9 +- 0.5; 2.7	14.5 +- 0.6; 3.9	15.1 +- 1.5
19	323	7.0	19.2 +- 0.6; 2.9	15.8 +- 0.7; 4.0	16.8 +- 2.0
20	309	6.3	19.7 +- 0.6; 3.0	16.3 +- 0.7; 4.1	17.2 +- 2.1
21	279	5.7	18.5 +- 0.6; 2.8	15.0 +- 0.6; 4.0	16.1 +- 1.9
22	244	6.4	19.0 +- 0.6; 2.8	15.5 +- 0.6; 4.0	17.4 +- 1.7
23	217	4.6	18.8 +- 0.6; 2.8	15.4 +- 0.6; 4.0	16.4 +- 1.8
24	350	11.0	18.8 +- 0.6; 2.8	15.4 +- 0.6; 4.0	16.5 +- 1.8
25	318	17.0	18.2 +- 0.5; 2.7	14.8 +- 0.6; 3.9	17.2 +- 1.8
26	311	22.0	19.8 +- 0.6; 3.0	16.4 +- 0.7; 4.1	17.4 +- 1.8
27	306	27.0	17.9 +- 0.5; 2.7	14.5 +- 0.6; 3.9	15.7 +- 1.9
28	306	27.0	18.2 +- 0.5; 2.7	14.8 +- 0.6; 3.9	15.8 +- 1.5
29	306	27.0	17.3 +- 0.5; 2.6	13.9 +- 0.6; 3.9	15.9 +- 2.6
30	306	27.0	17.7 +- 0.5; 2.6	14.2 +- 0.6; 3.9	15.4 +- 2.0

Transit Dose = 3.3 +- 0.3; 2.9

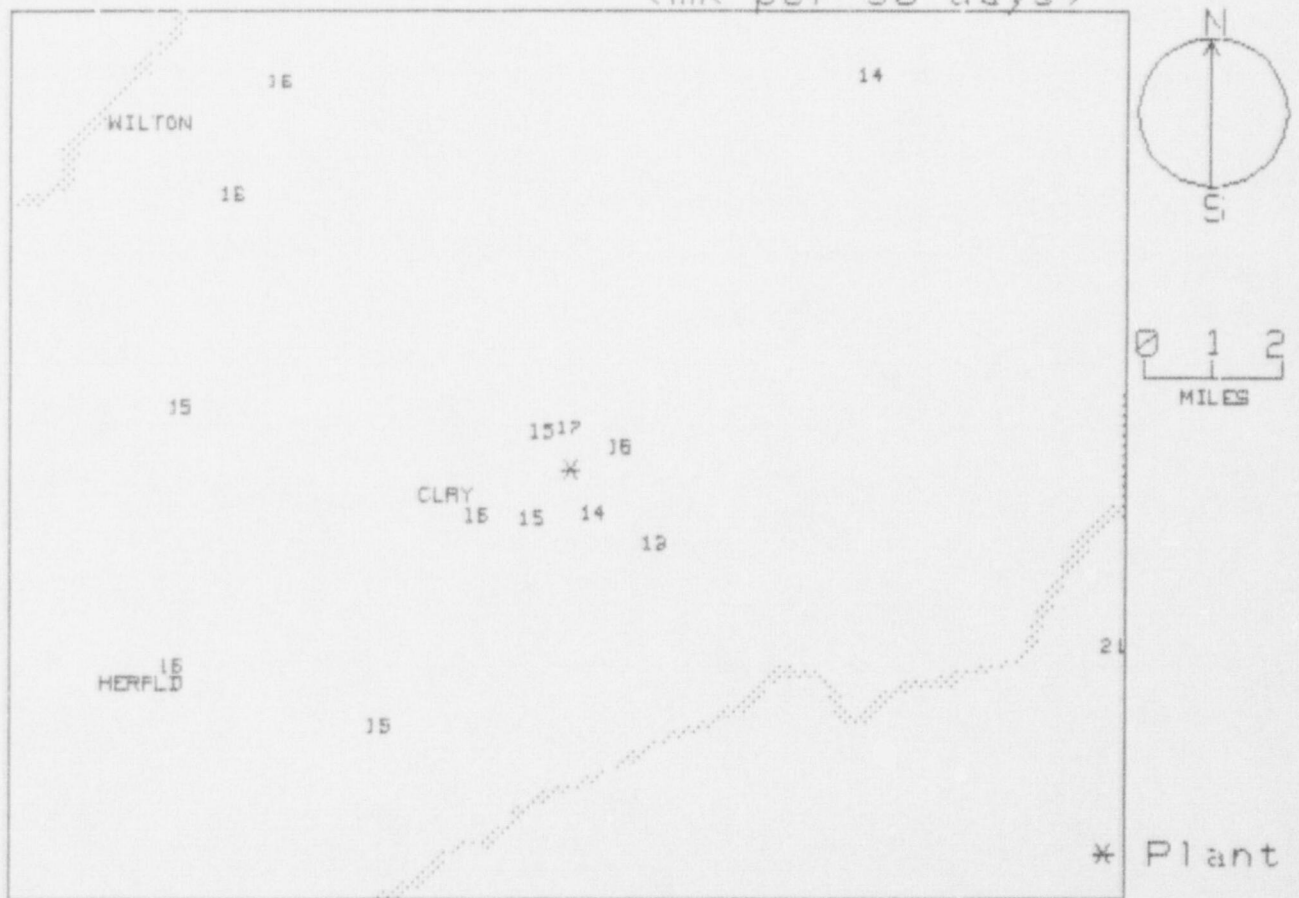
RANCHO SECO
For the period 930321-930723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.1 +- 1.1	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	14.3 +- 0.0	1
56.26 - 78.75 ENE	16.1 +- 0.0	1
78.76 - 101.25 E	13.4 +- 0.2	3
101.26 - 123.75 ESE	20.7 +- 0.0	1
123.76 - 146.25 SE	13.2 +- 0.0	1
146.26 - 168.75 SSE	14.6 +- 0.5	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	18.1 +- 0.0	1
213.76 - 236.25 SW	15.4 +- 0.1	2
236.26 - 258.75 WSW	15.2 +- 0.5	4
258.76 - 281.25 W	15.0 +- 0.0	1
281.26 - 303.75 WNW	15.2 +- 0.0	1
303.76 - 326.25 NW	15.0 +- 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	15.0 +- 1.3	8
2 - 5	15.0 +- 0.6	2
> 5	15.4 +- 1.8	16
Upwind Control	15.2 +- 1.0	3

NRC TLD DOSES FOR RANCHO SECO AREA
(mR per 90 days)



RIVER BEND
 TLD Direct Radiation Environmental Monitoring
 For the period 930322-930729 130 Days
 Field Time: 90 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	348	1.3	20.5	+- 0.6; 3.1	16.6	+- 0.7; 4.2	18.1	+- 2.2
2	42	1.1	21.2	+- 0.6; 3.2	17.3	+- 0.7; 4.3	18.3	+- 2.3
3	61	1.1	22.4	+- 0.7; 3.4	18.6	+- 0.8; 4.5	19.2	+- 2.2
4	90	0.8	22.0	+- 0.7; 3.3	18.2	+- 0.7; 4.4	18.2	+- 2.1
5	107	0.6	21.5	+- 0.6; 3.2	17.7	+- 0.7; 4.4	19.1	+- 1.8
6	136	0.8	22.6	+- 0.7; 3.4	18.8	+- 0.8; 4.5	19.3	+- 2.4
7	166	1.0	19.2	+- 0.6; 2.9	15.4	+- 0.7; 4.1	16.2	+- 1.7
8	182	0.9	20.2	+- 0.6; 3.0	16.4	+- 0.7; 4.2	17.3	+- 2.2
9	195	0.6	21.1	+- 0.6; 3.2	17.2	+- 0.7; 4.3	17.1	+- 2.1
10	225	0.7	20.5	+- 0.6; 3.1	16.7	+- 0.7; 4.2	17.7	+- 2.2
11	254	0.4	Missing Dosimeter		No Net Data		17.4	+- 2.3
12	276	0.6	22.8	+- 0.7; 3.4	19.0	+- 0.8; 4.5	18.6	+- 1.9
13	295	0.6	22.3	+- 0.7; 3.3	18.4	+- 0.7; 4.4	19.3	+- 2.0
14	320	0.9	Missing Dosimeter		No Net Data		18.1	+- 2.2
15	332	2.1	21.9	+- 0.7; 3.3	18.0	+- 0.7; 4.4	19.0	+- 2.0
16	312	2.7	19.8	+- 0.6; 3.0	15.9	+- 0.7; 4.2	18.0	+- 2.8
17	302	3.1	19.0	+- 0.6; 2.8	15.1	+- 0.7; 4.1	16.3	+- 2.2
18	278	3.8	18.3	+- 0.5; 2.7	14.5	+- 0.6; 4.0	15.4	+- 2.6
19	242	2.8	21.5	+- 0.6; 3.2	17.6	+- 0.7; 4.4	19.8	+- 2.4
20	195	5.4	Missing Dosimeter		No Net Data		18.8	+- 5.5
21	215	3.0	20.2	+- 0.6; 3.0	16.4	+- 0.7; 4.2	18.6	+- 2.3
22	233	7.1	18.2	+- 0.5; 2.7	14.3	+- 0.6; 4.0	15.2	+- 2.5
23	246	9.7	20.6	+- 0.6; 3.1	16.7	+- 0.7; 4.3	18.0	+- 2.1
24	234	7.3	18.9	+- 0.6; 2.8	15.0	+- 0.7; 4.1	16.0	+- 2.5
25	185	7.6	20.9	+- 0.6; 3.1	17.0	+- 0.7; 4.3	18.4	+- 2.5
26	322	7.7	19.0	+- 0.6; 2.9	15.2	+- 0.7; 4.1	17.6	+- 2.5
27	328	10.0	22.0	+- 0.7; 3.3	18.1	+- 0.7; 4.4	18.9	+- 2.1
28	340	7.2	21.7	+- 0.7; 3.3	17.8	+- 0.7; 4.4	18.5	+- 2.0
29	354	9.5	20.3	+- 0.6; 3.0	16.4	+- 0.7; 4.2	17.6	+- 2.2
30	360	5.1	22.0	+- 0.7; 3.3	18.1	+- 0.7; 4.4	18.9	+- 2.2
31	221	6.9	22.4	+- 0.7; 3.4	18.5	+- 0.8; 4.5	18.8	+- 2.0
32	40	4.9	20.3	+- 0.6; 3.1	16.5	+- 0.7; 4.2	18.0	+- 2.2
33	52	8.7	19.1	+- 0.6; 2.9	15.2	+- 0.7; 4.1	15.6	+- 1.8
34	65	8.4	20.3	+- 0.6; 3.0	16.4	+- 0.7; 4.2	17.3	+- 2.2
35	87	6.6	19.0	+- 0.6; 2.9	15.2	+- 0.7; 4.1	16.0	+- 2.1
36	326	5.8	20.6	+- 0.6; 3.1	16.7	+- 0.7; 4.3	18.4	+- 2.5
37	329	22.0	19.9	+- 0.6; 3.0	16.1	+- 0.7; 4.2	17.9	+- 2.0
38	111	3.8	20.2	+- 0.6; 3.0	16.4	+- 0.7; 4.2	17.2	+- 2.4
39	131	5.6	20.8	+- 0.6; 3.1	16.9	+- 0.7; 4.3	17.7	+- 2.3
40	155	6.2	21.2	+- 0.6; 3.2	17.3	+- 0.7; 4.3	18.6	+- 2.4
41	120	9.0	20.9	+- 0.6; 3.1	17.0	+- 0.7; 4.3	17.5	+- 1.7
42	121	11.0	18.3	+- 0.5; 2.7	14.4	+- 0.6; 4.0	15.6	+- 2.0
43	180	1.1	21.6	+- 0.6; 3.2	17.8	+- 0.7; 4.4	19.7	+- 2.4
44	150	28.0	17.3	+- 0.5; 2.6	13.5	+- 0.6; 3.9	15.2	+- 2.3

Transit Dose = 3.9 +- 0.3; 2.9

RIVER BEND

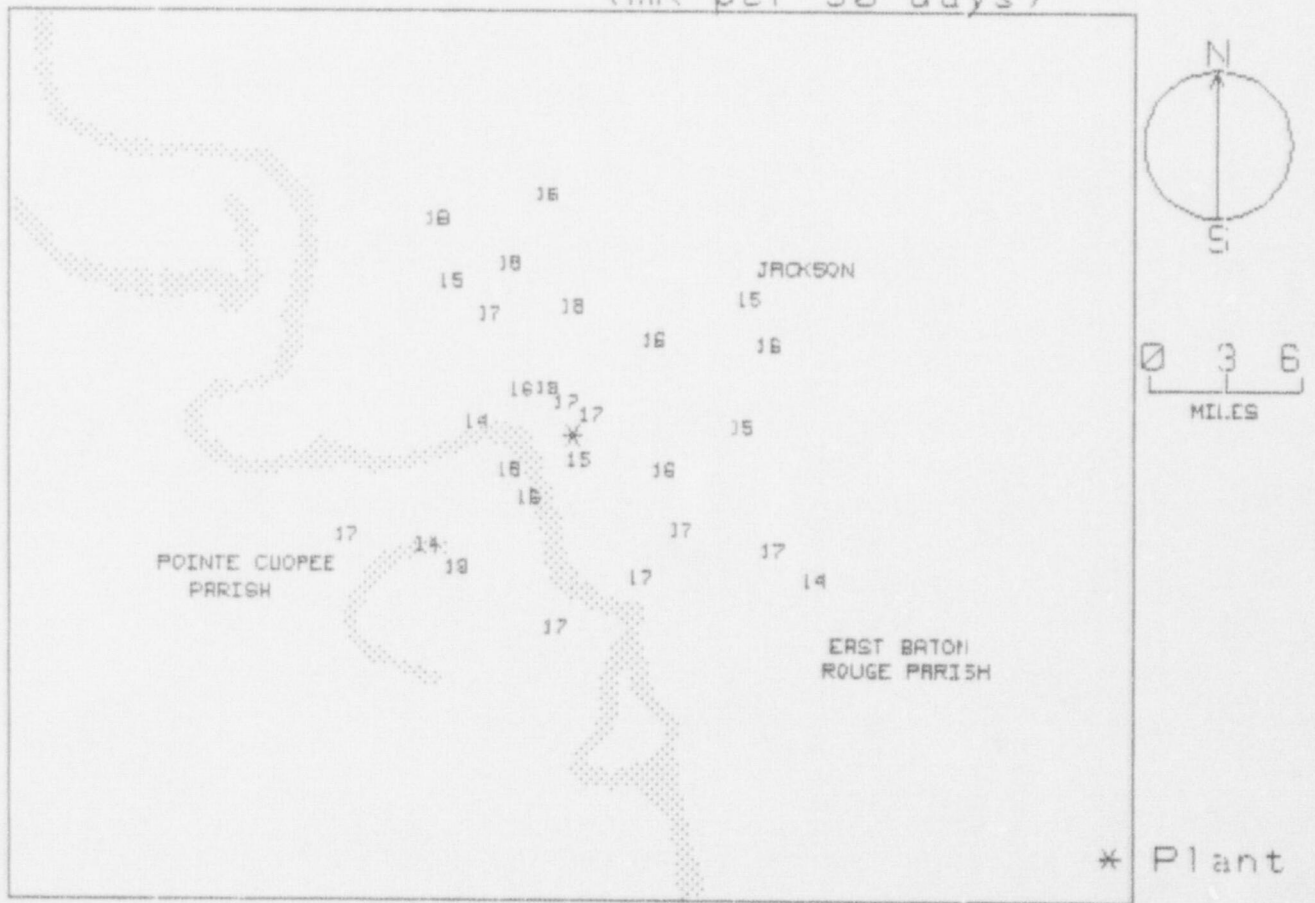
For the period 930322-930729

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.3 +- 1.2	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	16.3 +- 1.1	3
56.26 - 78.75 ENE	17.5 +- 1.5	2
78.76 - 101.25 E	16.7 +- 2.1	2
101.26 - 123.75 ESE	16.4 +- 1.4	4
123.76 - 146.25 SE	17.8 +- 1.3	2
146.26 - 168.75 SSE	16.3 +- 1.4	2
168.76 - 191.25 S	17.0 +- 0.7	3
191.26 - 213.75 SSW	17.2 +- 0.0	1
213.76 - 236.25 SW	16.2 +- 1.6	5
236.26 - 258.75 WSW	17.2 +- 0.6	2
258.76 - 281.25 W	16.7 +- 3.2	2
281.26 - 303.75 WNW	16.8 +- 2.3	2
303.76 - 326.25 NW	15.9 +- 0.8	3
326.26 - 348.75 NNW	17.3 +- 0.9	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.5 +- 1.1	13
2 - 5	16.3 +- 1.2	8
> 5	16.4 +- 1.3	19
Upwind Control	13.5 +- 0.0	1

NRC TLD DOSES FOR RIVER BEND AREA (mR per 90 days)



ROBINSON

TLD Direct Radiation Environmental Monitoring

For the period 930323-930720 120 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	191	0.2	18.4 +- 0.6; 2.8	13.1 +- 0.6; 4.0	14.6 +- 1.0
2	151	1.9	25.5 +- 0.8; 3.8	19.9 +- 0.8; 4.7	21.5 +- 2.3
3	134	2.0	21.2 +- 0.6; 3.2	15.8 +- 0.7; 4.3	17.8 +- 1.4
4	119	1.9	18.3 +- 0.5; 2.7	13.0 +- 0.6; 4.0	14.4 +- 1.0
5	89	2.1	22.1 +- 0.7; 3.3	16.7 +- 0.7; 4.4	18.1 +- 1.1
6	65	1.0	20.7 +- 0.6; 3.1	15.3 +- 0.7; 4.2	16.3 +- 1.2
7	46	1.8	17.8 +- 0.5; 2.7	12.6 +- 0.6; 3.9	17.2 +- 1.5
8	27	1.9	20.8 +- 0.6; 3.1	15.4 +- 0.7; 4.2	17.0 +- 1.3
9	22	3.5	18.7 +- 0.6; 2.8	13.4 +- 0.6; 4.0	16.6 +- 1.9
10	0	5.0	21.3 +- 0.6; 3.2	15.8 +- 0.7; 4.3	17.9 +- 1.5
11	51	4.8	Damaged Dosimeter	No Net Data	19.3 +- 1.1
12	67	4.1	18.3 +- 0.5; 2.7	13.0 +- 0.6; 4.0	14.7 +- 1.6
13	87	4.5	19.3 +- 0.6; 2.9	14.0 +- 0.7; 4.1	15.3 +- 1.0
14	109	5.0	19.7 +- 0.6; 3.0	14.4 +- 0.7; 4.1	15.9 +- 1.3
15	118	4.8	18.3 +- 0.5; 2.7	13.0 +- 0.6; 4.0	16.4 +- 2.1
16	138	5.3	20.2 +- 0.6; 3.0	14.9 +- 0.7; 4.2	16.8 +- 1.5
17	115	17.1	17.8 +- 0.5; 2.7	12.5 +- 0.6; 3.9	15.2 +- 1.9
18	199	12.6	20.7 +- 0.6; 3.1	15.3 +- 0.7; 4.2	16.4 +- 1.1
19	208	4.8	25.1 +- 0.8; 3.8	19.5 +- 0.8; 4.7	21.6 +- 2.4
20	225	4.0	23.6 +- 0.7; 3.5	18.1 +- 0.8; 4.5	19.6 +- 1.3
21	178	4.6	15.8 +- 0.5; 2.4	10.6 +- 0.6; 3.7	12.8 +- 1.3
22	167	3.7	19.6 +- 0.6; 2.9	14.3 +- 0.7; 4.1	16.1 +- 1.0
23	181	2.3	18.9 +- 0.6; 2.8	13.5 +- 0.6; 4.0	15.6 +- 1.2
24	194	2.0	22.9 +- 0.7; 3.4	17.4 +- 0.7; 4.4	19.1 +- 1.1
25	228	2.1	23.1 +- 0.7; 3.5	17.6 +- 0.8; 4.5	18.0 +- 1.3
26	245	1.5	18.1 +- 0.5; 2.7	12.8 +- 0.6; 4.0	14.3 +- 1.6
27	273	1.8	17.8 +- 0.5; 2.7	12.5 +- 0.6; 3.9	13.8 +- 1.1
28	287	2.0	18.1 +- 0.5; 2.7	12.8 +- 0.6; 4.0	13.4 +- 1.2
29	311	1.6	20.6 +- 0.6; 3.1	15.2 +- 0.7; 4.2	17.4 +- 0.9
30	334	1.9	17.9 +- 0.5; 2.7	12.6 +- 0.6; 3.9	16.4 +- 1.6
31	351	2.1	17.8 +- 0.5; 2.7	12.6 +- 0.6; 3.9	15.2 +- 2.1
32	333	4.0	20.0 +- 0.6; 3.0	14.6 +- 0.7; 4.1	16.5 +- 1.2
33	318	4.7	21.7 +- 0.7; 3.3	16.3 +- 0.7; 4.3	17.8 +- 1.3
34	310	6.9	20.0 +- 0.6; 3.0	14.6 +- 0.7; 4.1	15.6 +- 2.1
35	295	4.0	25.3 +- 0.8; 3.8	19.7 +- 0.8; 4.7	20.6 +- 1.5
36	269	4.8	23.1 +- 0.7; 3.5	17.6 +- 0.8; 4.5	18.5 +- 1.8
37	252	4.6	20.0 +- 0.6; 3.0	14.7 +- 0.7; 4.1	17.3 +- 1.5
38	274	10.7	17.9 +- 0.5; 2.7	12.7 +- 0.6; 3.9	18.5 +- 3.2
39	286	15.3	Missing Dosimeter	No Net Data	15.1 +- 1.2
40	289	16.5	17.8 +- 0.5; 2.7	12.6 +- 0.6; 3.9	14.2 +- 1.1
41	291	17.5	17.4 +- 0.5; 2.6	12.1 +- 0.6; 3.9	15.5 +- 1.3

Transit Dose = 4.7 +- 0.4; 3.1

ROBINSON

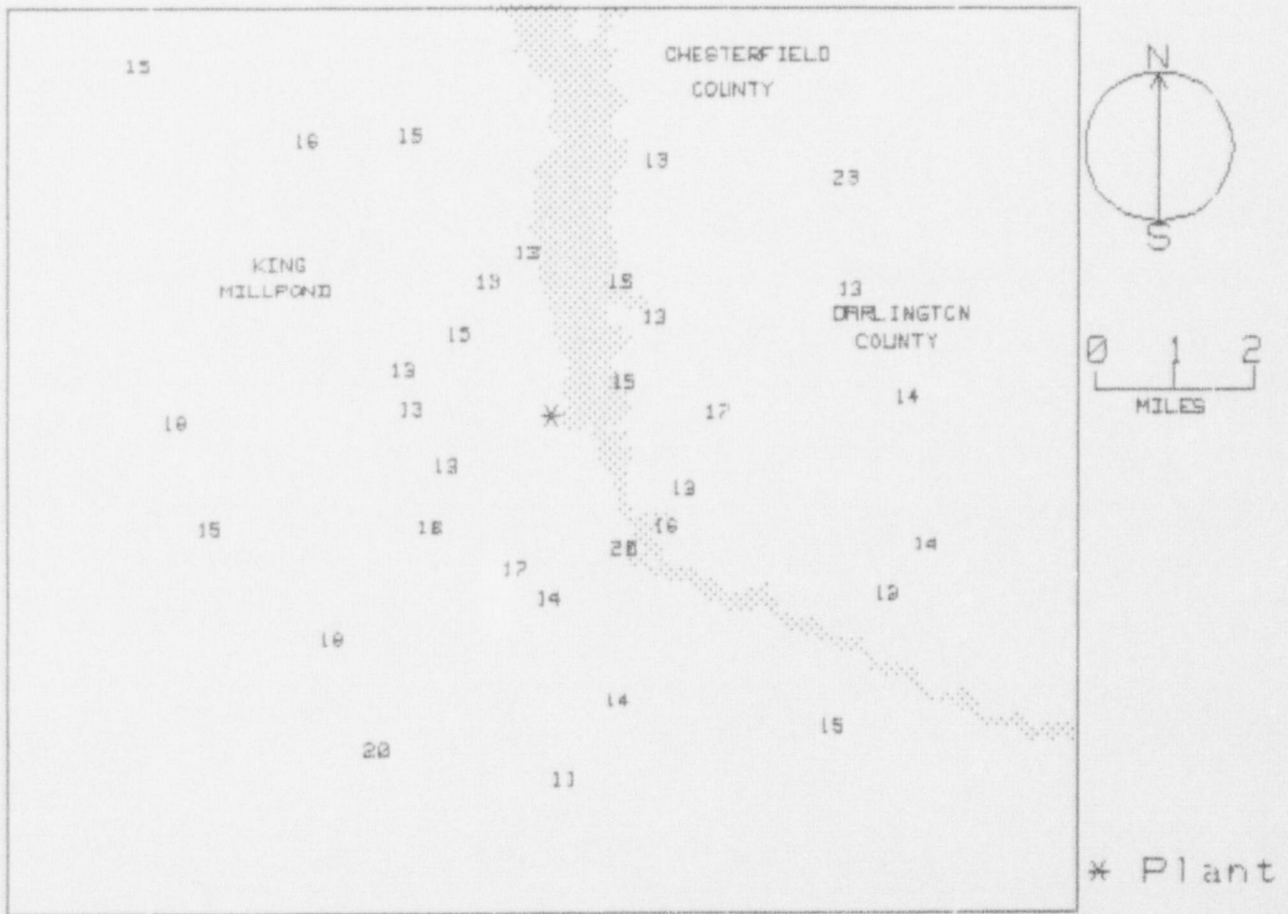
For the period 930323-930720

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 +- 2.3	2
11.26 - 33.75 NNE	14.4 +- 1.4	2
33.76 - 56.25 NE	12.6 +- 0.0	1
56.26 - 78.75 ENE	14.1 +- 1.6	2
78.76 - 101.25 E	15.3 +- 1.9	2
101.26 - 123.75 ESE	13.2 +- 0.8	4
123.76 - 146.25 SE	15.3 +- 0.6	2
146.26 - 168.75 SSE	17.1 +- 4.0	2
168.76 - 191.25 S	12.4 +- 1.6	3
191.26 - 213.75 SSW	17.4 +- 2.1	3
213.76 - 236.25 SW	17.8 +- 0.4	2
236.26 - 258.75 WSW	13.7 +- 1.3	2
258.76 - 281.25 W	14.2 +- 2.9	3
281.26 - 303.75 WNW	16.2 +- 4.9	2
303.76 - 326.25 NW	15.4 +- 0.8	3
326.26 - 348.75 NNW	13.6 +- 1.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 2.3	13
2 - 5	15.2 +- 2.5	19
> 5	14.0 +- 1.3	5
Upwind Control	12.3 +- 0.3	2

NRC TLD DOSES FOR ROBINSON AREA
(mR per 90 days)



SALEM (DE)
 TLD Direct Radiation Environmental Monitoring
 For the period 930324-930722 121 Days
 Field Time: 92 Days

NRC Sta	Location		Gross	Net Expo. ve Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
17	331	4.2	19.7 +- 0.6; 2.9	18.0 +- 0.6; 4.0	17.3 +- 2.4
18	320	3.8	15.6 +- 0.5; 2.3	14.1 +- 0.5; 3.6	14.3 +- 1.3
19	299	3.4	18.8 +- 0.6; 2.8	17.1 +- 0.6; 3.9	16.3 +- 1.7
20	330	9.5	21.5 +- 0.6; 3.2	19.9 +- 0.7; 4.2	19.6 +- 1.6
21	276	3.6	19.6 +- 0.6; 2.9	18.0 +- 0.6; 4.0	18.3 +- 1.7
22	266	4.7	20.0 +- 0.6; 3.0	18.3 +- 0.6; 4.0	17.9 +- 1.2
23	257	4.4	19.8 +- 0.6; 3.0	18.1 +- 0.6; 4.0	17.6 +- 1.5
24	240	4.4	20.3 +- 0.6; 3.0	18.6 +- 0.6; 4.0	18.1 +- 1.4
25	217	4.9	20.2 +- 0.6; 3.0	18.5 +- 0.6; 4.0	17.9 +- 1.7
26	204	3.9	18.6 +- 0.6; 2.8	17.0 +- 0.6; 3.9	16.6 +- 1.5
27	188	4.2	20.3 +- 0.6; 3.0	18.6 +- 0.6; 4.0	19.4 +- 2.6
28	319	18.1	21.9 +- 0.7; 3.3	20.2 +- 0.7; 4.2	19.7 +- 2.0
29	265	6.7	16.5 +- 0.5; 2.5	14.9 +- 0.6; 3.6	15.0 +- 1.4
30	340	12.2	15.6 +- 0.5; 2.3	14.0 +- 0.5; 3.5	14.8 +- 2.0
31	0	18.2	19.8 +- 0.6; 3.0	18.2 +- 0.6; 4.0	17.3 +- 1.4
32	338	8.1	17.2 +- 0.5; 2.6	15.6 +- 0.6; 3.7	15.5 +- 1.5
33	265	9.8	19.6 +- 0.6; 2.9	18.0 +- 0.6; 4.0	17.8 +- 1.4
34	207	11.6	18.3 +- 0.5; 2.7	16.6 +- 0.6; 3.8	17.1 +- 1.6

Transit Dose = 1.3 +- 0.3; 2.8

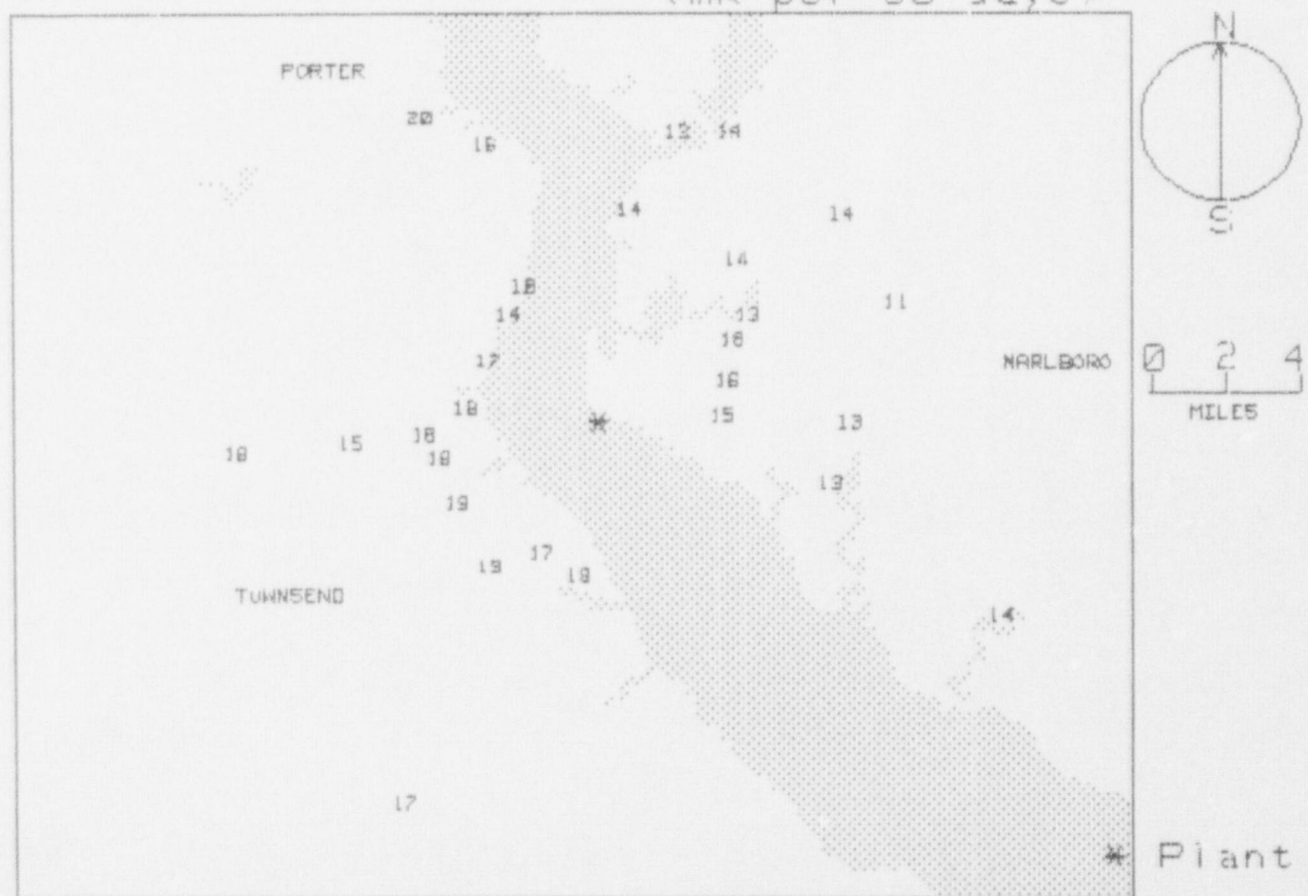
SALEM (DE)
For the period 930324-930722

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	18.6 +- 0.0	1
191.26 - 213.75 SSW	16.8 +- 0.2	2
213.76 - 236.25 SW	18.5 +- 0.0	1
236.26 - 258.75 WSW	18.3 +- 0.3	2
258.76 - 281.25 W	17.3 +- 1.6	4
281.26 - 303.75 WNW	17.1 +- 0.0	1
303.76 - 326.25 NW	14.1 +- 0.0	1
326.26 - 348.75 NNW	17.8 +- 2.2	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	17.6 +- 1.4	10
> 5	17.0 +- 2.0	5
Upwind Control	17.4 +- 3.2	3

NRC TLD DOSES FOR SALEM AREA
(mR per 90 days)



SALEM (NJ)

TLD Direct Radiation Environmental Monitoring

For the period 930324-930722 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	87	3.3	16.1 +- 0.5; 2.4	14.6 +- 0.5; 3.6	14.2 +- 1.0
2	79	3.4	16.3 +- 0.5; 2.5	14.9 +- 0.5; 3.6	14.2 +- 1.1
3	72	3.6	17.4 +- 0.5; 2.6	16.0 +- 0.6; 3.7	17.0 +- 2.4
4	58	4.2	18.0 +- 0.5; 2.7	16.5 +- 0.6; 3.8	15.5 +- 1.7
5	54	4.9	14.6 +- 0.4; 2.2	13.2 +- 0.5; 3.4	13.6 +- 1.7
6	68	8.6	12.6 +- 0.4; 1.9	11.2 +- 0.4; 3.3	12.3 +- 1.4
7	40	5.7	15.3 +- 0.5; 2.3	13.8 +- 0.5; 3.5	13.9 +- 1.2
8	116	12.0	15.2 +- 0.5; 2.3	13.8 +- 0.5; 3.5	13.9 +- 1.3
10	8	5.8	15.4 +- 0.5; 2.3	14.0 +- 0.5; 3.5	14.2 +- 1.6
11	15	8.1	14.6 +- 0.4; 2.2	13.2 +- 0.5; 3.4	13.3 +- 1.2
12	24	8.6	15.3 +- 0.5; 2.3	13.9 +- 0.5; 3.5	13.4 +- 1.2
13	49	8.6	15.2 +- 0.5; 2.3	13.8 +- 0.5; 3.5	12.9 +- 1.4
14	90	6.7	14.0 +- 0.4; 2.1	12.6 +- 0.5; 3.4	12.5 +- 1.2
15	105	6.4	14.1 +- 0.4; 2.1	12.7 +- 0.5; 3.4	12.5 +- 1.6

Transit Dose = 1.1 +- 0.3; 2.8

SALEM (NJ)

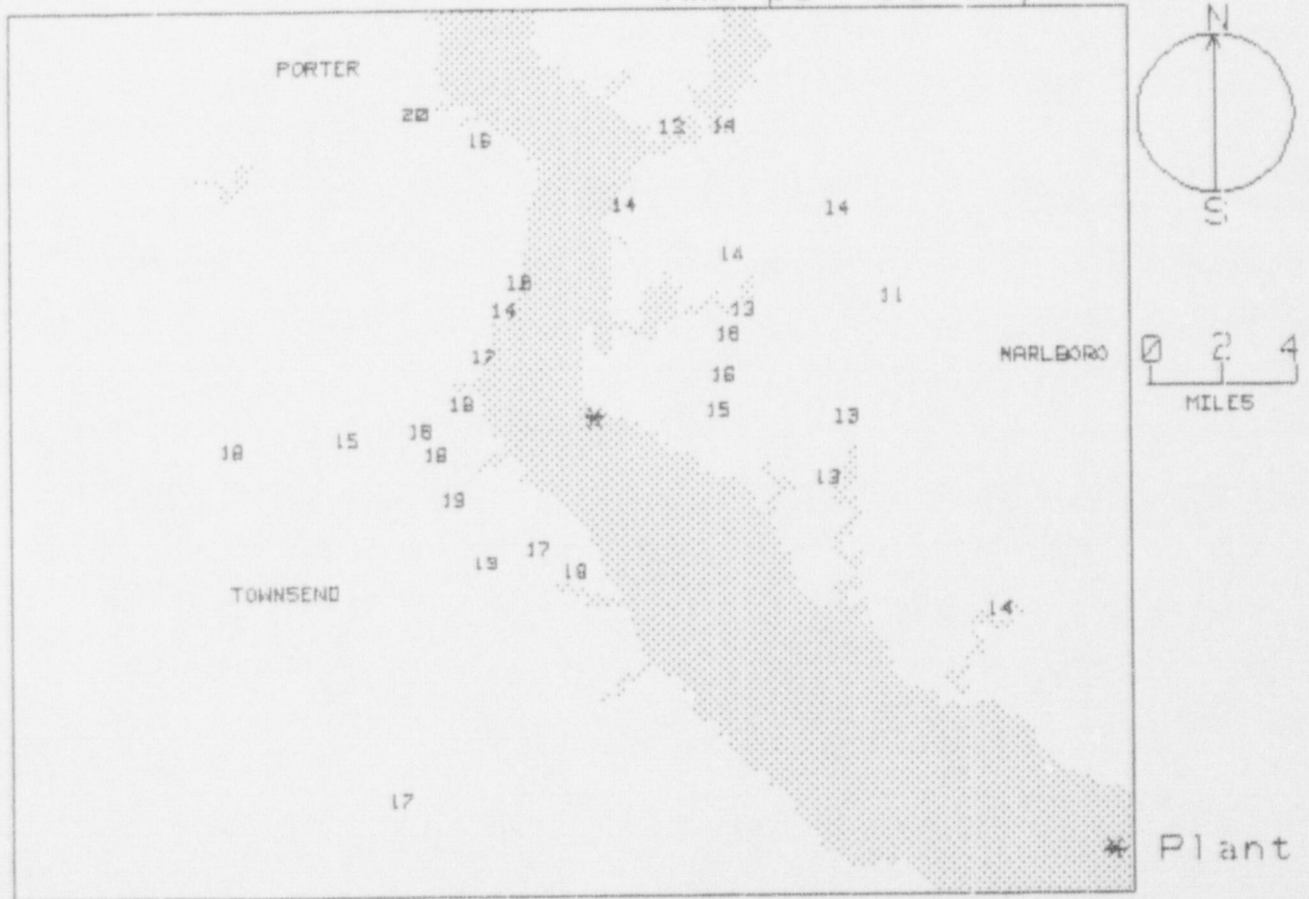
For the period 930324-930722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.0 +- 0.0	1
11.26 - 33.75 NNE	13.5 +- 0.5	2
33.76 - 56.25 NE	13.6 +- 0.4	3
56.26 - 78.75 ENE	14.6 +- 2.9	3
78.76 - 101.25 E	14.0 +- 1.3	3
101.26 - 123.75 ESE	13.2 +- 0.8	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	15.0 +- 1.3	5
> 5	13.2 +- 0.9	9
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR SALEM AREA
(mR per 90 days)



SAN ONOFRE

TLD Direct Radiation Environmental Monitoring

For the period 930321-930723 125 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	346	35.0	26.8	+- 0.8; 4.0	22.2	+- 0.8; 4.9	25.0	+- 4.5
2	346	35.0	26.2	+- 0.8; 3.9	21.6	+- 0.8; 4.8	24.5	+- 3.8
3	346	35.0	27.1	+- 0.8; 4.1	22.5	+- 0.9; 4.9	24.8	+- 4.1
4	327	11.0	20.4	+- 0.6; 3.1	15.9	+- 0.7; 4.2	18.1	+- 3.8
5	308	14.0	22.7	+- 0.7; 3.4	18.2	+- 0.7; 4.4	20.9	+- 3.9
6	307	10.0	20.7	+- 0.6; 3.1	16.3	+- 0.7; 4.2	18.4	+- 3.8
7	318	6.3	21.0	+- 0.6; 3.1	16.5	+- 0.7; 4.2	19.3	+- 4.2
8	322	5.1	22.3	+- 0.7; 3.4	17.9	+- 0.7; 4.4	20.8	+- 3.9
9	311	3.3	22.4	+- 0.7; 3.4	17.9	+- 0.7; 4.4	19.0	+- 5.0
10	331	3.3	21.7	+- 0.7; 3.3	17.2	+- 0.7; 4.3	21.5	+- 5.5
11	300	2.6	21.9	+- 0.7; 3.3	17.4	+- 0.7; 4.3	20.5	+- 4.4
12	285	0.5	25.0	+- 0.8; 3.8	20.5	+- 0.8; 4.7	21.2	+- 4.0
13	320	2.4	20.4	+- 0.6; 3.1	15.9	+- 0.7; 4.2	19.3	+- 3.8
14	320	1.7	19.9	+- 0.6; 3.0	15.5	+- 0.7; 4.1	19.3	+- 4.0
15	333	1.2	22.0	+- 0.7; 3.3	17.5	+- 0.7; 4.3	20.1	+- 4.9
16	30	1.9	24.3	+- 0.7; 3.6	19.7	+- 0.8; 4.6	22.2	+- 4.8
17	8	1.3	19.2	+- 0.6; 2.9	14.8	+- 0.6; 4.0	17.1	+- 3.8
18	39	2.0	25.5	+- 0.8; 3.8	20.9	+- 0.8; 4.7	23.4	+- 4.4
19	55	2.9	22.1	+- 0.7; 3.3	17.6	+- 0.7; 4.3	19.9	+- 4.8
20	77	4.1	23.8	+- 0.7; 3.6	19.2	+- 0.8; 4.5	22.0	+- 5.4
21	87	4.7	24.9	+- 0.7; 3.7	20.4	+- 0.8; 4.6	21.8	+- 5.0
22	25	3.4	26.4	+- 0.8; 4.0	21.8	+- 0.8; 4.8	23.4	+- 3.8
23	357	3.5	23.1	+- 0.7; 3.5	18.6	+- 0.8; 4.4	22.1	+- 4.3
24	25	0.4	22.3	+- 0.7; 3.3	17.8	+- 0.7; 4.4	19.6	+- 4.1
25	81	0.4	24.8	+- 0.7; 3.7	20.2	+- 0.8; 4.6	18.7	+- 4.3
26	126	2.1	17.6	+- 0.5; 2.6	13.3	+- 0.6; 3.9	17.1	+- 5.1
27	130	8.6	18.3	+- 0.5; 2.7	13.9	+- 0.6; 3.9	17.3	+- 5.0
28	99	8.9	18.3	+- 0.5; 2.7	14.0	+- 0.6; 3.9	17.6	+- 4.7
29	135	11.0	Missing Dosimeter		No Net Data		17.6	+- 4.3
30	126	2.0	14.9	+- 0.4; 2.2	10.7	+- 0.5; 3.6	14.1	+- 4.1
31	128	3.7	19.7	+- 0.6; 2.9	15.2	+- 0.7; 4.1	15.5	+- 3.4
32	140	22.0	21.7	+- 0.7; 3.3	17.2	+- 0.7; 4.3	20.0	+- 3.7
33	120	26.0	20.7	+- 0.6; 3.1	16.3	+- 0.7; 4.2	16.6	+- 4.0

Transit Dose = 3.9 +- 0.3; 3.0

SAN ONOFRE
For the period 930321-930723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.7 +- 2.7	2
11.26 - 33.75 NNE	19.8 +- 2.0	3
33.76 - 56.25 NE	19.2 +- 2.3	2
56.26 - 78.75 ENE	19.2 +- 0.0	1
78.76 - 101.25 E	18.2 +- 3.6	3
101.26 - 123.75 ESE	16.3 +- 0.0	1
123.76 - 146.25 SE	14.1 +- 2.4	5
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	18.9 +- 2.2	2
303.76 - 326.25 NW	16.9 +- 1.1	7
326.26 - 348.75 NNW	16.9 +- 0.8	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.5 +- 3.4	9
2 - 5	17.7 +- 2.4	11
> 5	16.2 +- 1.5	9
Upwind Control	22.1 +- 0.4	3

SEABROOK

TLD Direct Radiation Environmental Monitoring

For the period 930324-930721 120 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
1	154	0.6	19.3 +- 0.6; 2.9	19.1 +- 0.6; 3.9	17.4 +- 2.6
2	178	0.7	18.8 +- 0.6; 2.8	18.6 +- 0.6; 3.9	16.8 +- 2.5
3	207	0.7	19.2 +- 0.6; 2.9	19.0 +- 0.6; 3.9	16.1 +- 2.7
4	224	0.9	21.1 +- 0.6; 3.2	20.9 +- 0.7; 4.1	17.7 +- 2.9
5	243	1.2	19.4 +- 0.6; 2.9	19.2 +- 0.6; 3.9	16.1 +- 2.8
6	294	1.0	20.4 +- 0.6; 3.1	20.2 +- 0.7; 4.1	17.1 +- 2.5
7	267	0.7	19.3 +- 0.6; 2.9	19.1 +- 0.6; 3.9	16.6 +- 2.6
8	320	1.1	20.1 +- 0.6; 3.0	19.8 +- 0.6; 4.0	17.6 +- 2.9
9	329	1.6	23.0 +- 0.7; 3.4	22.7 +- 0.7; 4.3	19.0 +- 3.0
10	357	1.9	Missing Dosimeter	No Net Data	16.7 +- 2.7
11	18	2.5	19.5 +- 0.6; 2.9	19.3 +- 0.6; 3.9	17.3 +- 2.7
12	46	1.9	18.7 +- 0.6; 2.8	18.5 +- 0.6; 3.9	16.3 +- 3.7
13	83	1.7	19.6 +- 0.6; 2.9	19.3 +- 0.6; 4.0	17.0 +- 2.6
14	43	4.1	20.4 +- 0.6; 3.1	20.2 +- 0.7; 4.0	17.6 +- 2.5
15	358	4.2	19.5 +- 0.6; 2.9	19.2 +- 0.6; 3.9	17.7 +- 2.7
16	18	11.8	20.9 +- 0.6; 3.1	20.7 +- 0.7; 4.1	17.9 +- 2.6
17	321	7.4	21.8 +- 0.7; 3.3	21.6 +- 0.7; 4.2	18.8 +- 3.1
18	291	3.9	20.4 +- 0.6; 3.1	20.2 +- 0.7; 4.0	17.7 +- 2.4
19	267	3.7	20.3 +- 0.6; 3.1	20.1 +- 0.7; 4.0	17.3 +- 3.6
20	251	4.2	22.4 +- 0.7; 3.4	22.2 +- 0.7; 4.3	18.8 +- 2.9
21	228	4.7	19.2 +- 0.6; 2.9	18.9 +- 0.6; 3.9	16.9 +- 2.9
22	209	6.2	Missing Dosimeter	No Net Data	19.4 +- 2.8
23	187	6.5	21.3 +- 0.6; 3.2	21.1 +- 0.7; 4.2	19.1 +- 2.9
24	163	7.1	18.4 +- 0.6; 2.8	18.1 +- 0.6; 3.8	15.5 +- 2.5
25	174	4.0	18.4 +- 0.6; 2.8	18.1 +- 0.6; 3.8	16.2 +- 3.0
26	157	4.0	19.2 +- 0.6; 2.9	19.0 +- 0.6; 3.9	16.4 +- 2.6
27	136	2.4	20.3 +- 0.6; 3.0	20.0 +- 0.6; 4.0	17.1 +- 2.8
28	118	1.6	18.8 +- 0.6; 2.8	18.6 +- 0.6; 3.9	16.0 +- 2.4
30	67	2.1	22.0 +- 0.7; 3.3	21.8 +- 0.7; 4.2	18.0 +- 2.6
31	335	5.5	20.8 +- 0.6; 3.1	20.5 +- 0.7; 4.1	17.8 +- 2.5
32	318	3.2	21.5 +- 0.6; 3.2	21.2 +- 0.7; 4.2	18.5 +- 2.9
33	230	19.3	19.6 +- 0.6; 2.9	19.4 +- 0.6; 4.0	17.4 +- 3.5
34	230	19.3	20.7 +- 0.6; 3.1	20.5 +- 0.7; 4.1	17.7 +- 3.0
35	230	19.3	20.0 +- 0.6; 3.0	19.8 +- 0.6; 4.0	19.3 +- 3.8

Transit Dose = 0.3 +- 0.2; 2.6

SEABROOK

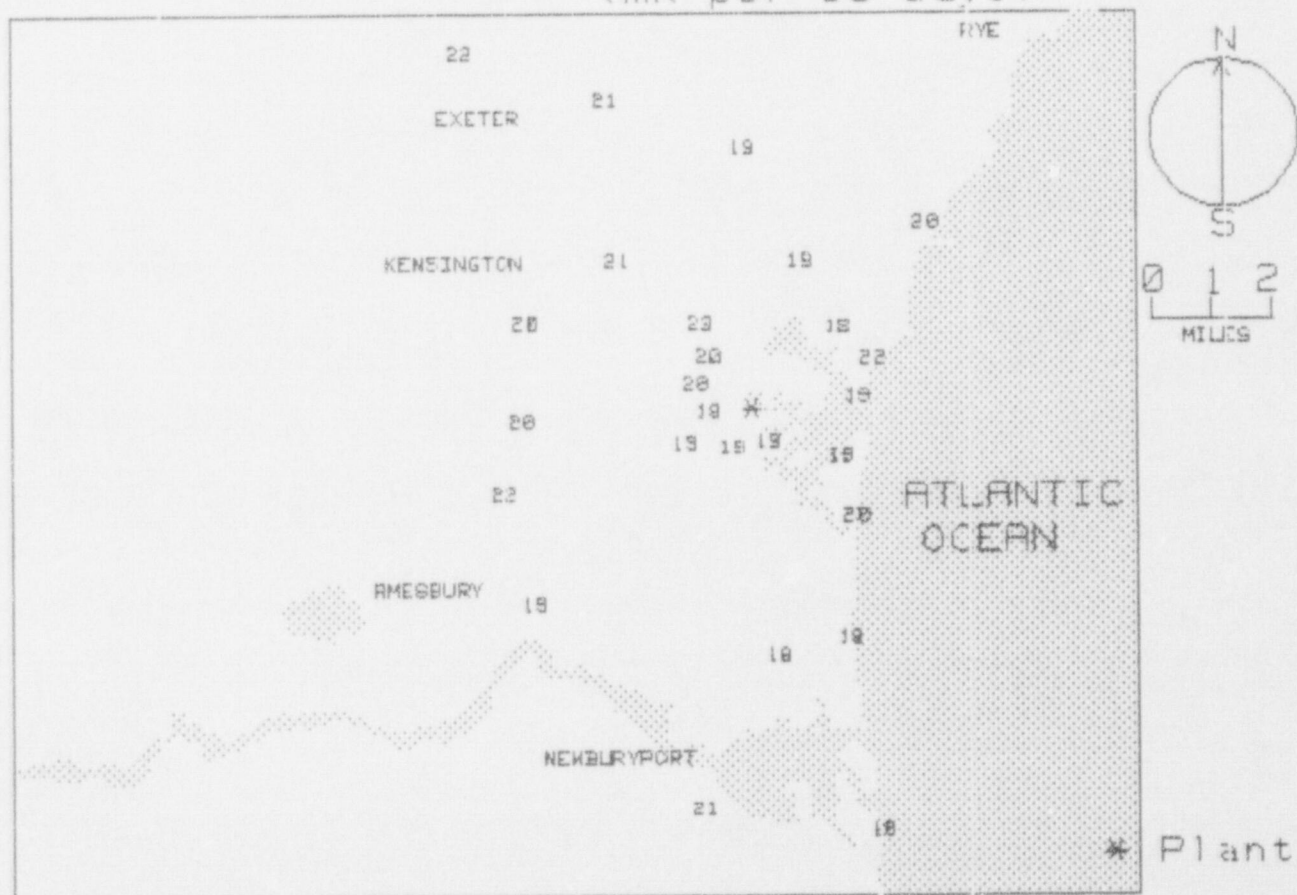
For the period 930324-930721

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 +- 0.0	1
11.26 - 33.75 NNE	20.0 +- 1.0	2
33.76 - 56.25 NE	19.3 +- 1.2	2
56.26 - 78.75 ENE	21.8 +- 0.0	1
78.76 - 101.25 E	19.3 +- 0.0	1
101.26 - 123.75 ESE	18.6 +- 0.0	1
123.76 - 146.25 SE	20.0 +- 0.0	1
146.26 - 168.75 SSE	18.7 +- 0.5	3
168.76 - 191.25 S	19.3 +- 1.6	3
191.26 - 213.75 SSW	19.0 +- 0.0	1
213.76 - 236.25 SW	19.8 +- 1.0	3
236.26 - 258.75 WSW	20.7 +- 2.1	2
258.76 - 281.25 W	19.6 +- 0.7	2
281.26 - 303.75 WNW	20.2 +- 0.0	2
303.76 - 326.25 NW	20.7 +- 1.3	2
326.26 - 348.75 NNW	21.6 +- 1.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.6 +- 1.2	12
2 - 5	19.9 +- 1.2	11
> 5	20.3 +- 1.2	6
Upwind Control	20.4 +- 0.9	3

NRC TLD DOSES FOR SEABROOK AREA
(mR per 90 days)



SEQUOYAH

TLD Direct Radiation Environmental Monitoring

For the period 930323-930728 128 Days

Field Time: 100 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	218	12.0	19.7	+- 0.6; 3.0	17.5	+- 0.6; 3.8	16.8	+- 1.4
2	206	13.0	17.4	+- 0.5; 2.6	15.4	+- 0.5; 3.5	14.2	+- 1.2
3	203	3.9	24.0	+- 0.7; 3.6	21.4	+- 0.7; 4.2	19.9	+- 1.4
4	199	2.0	21.3	+- 0.6; 3.2	18.9	+- 0.6; 3.9	16.4	+- 1.3
5	181	1.4	23.7	+- 0.7; 3.6	21.1	+- 0.7; 4.2	21.0	+- 1.5
6	153	1.5	18.0	+- 0.5; 2.7	16.0	+- 0.5; 3.6	15.4	+- 1.1
7	139	1.9	17.0	+- 0.5; 2.5	15.0	+- 0.5; 3.5	14.6	+- 1.1
8	115	1.8	18.3	+- 0.6; 2.8	16.3	+- 0.5; 3.6	16.0	+- 1.9
9	84	1.6	Missing Dosimeter		No Net Data		13.7	+- 1.4
10	66	1.3	18.4	+- 0.6; 2.8	16.3	+- 0.5; 3.6	15.7	+- 1.2
11	45	1.5	20.1	+- 0.6; 3.0	17.9	+- 0.6; 3.8	16.6	+- 1.3
12	14	2.0	21.5	+- 0.6; 3.2	19.1	+- 0.6; 3.9	18.6	+- 1.1
13	2	2.1	21.6	+- 0.6; 3.2	19.2	+- 0.6; 3.9	18.7	+- 1.4
14	19	3.9	19.0	+- 0.6; 2.9	16.9	+- 0.6; 3.7	15.8	+- 1.1
15	48	4.0	15.6	+- 0.5; 2.3	13.8	+- 0.5; 3.4	13.7	+- 1.2
16	65	4.9	18.2	+- 0.5; 2.7	16.2	+- 0.5; 3.6	15.7	+- 1.1
17	90	3.9	18.6	+- 0.6; 2.8	16.5	+- 0.6; 3.6	17.5	+- 1.5
18	111	3.4	17.5	+- 0.5; 2.6	15.5	+- 0.5; 3.5	16.2	+- 1.5
19	135	3.4	18.8	+- 0.6; 2.8	16.6	+- 0.6; 3.7	15.9	+- 1.1
20	158	3.4	19.0	+- 0.6; 2.9	16.9	+- 0.6; 3.7	14.1	+- 1.9
21	184	4.6	22.7	+- 0.7; 3.4	20.2	+- 0.7; 4.1	18.5	+- 2.3
22	233	11.0	18.4	+- 0.6; 2.8	16.4	+- 0.5; 3.6	14.2	+- 1.5
23	219	4.9	20.8	+- 0.6; 3.1	18.5	+- 0.6; 3.9	17.7	+- 1.5
24	241	4.3	17.1	+- 0.5; 2.6	15.2	+- 0.5; 3.5	15.6	+- 1.3
25	235	2.0	15.8	+- 0.5; 2.4	13.9	+- 0.5; 3.4	13.2	+- 1.1
26	248	1.5	17.5	+- 0.5; 2.6	15.5	+- 0.5; 3.5	15.5	+- 2.0
27	266	1.2	17.4	+- 0.5; 2.6	15.5	+- 0.5; 3.5	14.6	+- 1.0
28	291	1.2	17.8	+- 0.5; 2.7	15.8	+- 0.5; 3.6	15.7	+- 1.5
29	309	1.2	19.6	+- 0.6; 2.9	17.4	+- 0.6; 3.7	15.9	+- 1.4
30	330	0.5	19.2	+- 0.6; 2.9	17.0	+- 0.6; 3.7	16.7	+- 1.4
31	339	1.8	20.0	+- 0.6; 3.0	17.8	+- 0.6; 3.8	16.9	+- 1.2
32	355	4.9	17.4	+- 0.5; 2.6	15.4	+- 0.5; 3.5	14.7	+- 1.2
33	334	3.6	17.3	+- 0.5; 2.6	15.3	+- 0.5; 3.5	14.5	+- 1.4
34	317	4.4	18.6	+- 0.6; 2.8	16.5	+- 0.6; 3.6	15.2	+- 1.7
35	277	5.6	19.8	+- 0.6; 3.0	17.6	+- 0.6; 3.8	16.3	+- 1.2
36	283	3.6	16.3	+- 0.5; 2.4	14.4	+- 0.5; 3.4	14.3	+- 1.1
37	273	4.4	19.1	+- 0.6; 2.9	17.0	+- 0.6; 3.7	15.1	+- 1.3
38	302	19.0	17.9	+- 0.5; 2.7	15.8	+- 0.5; 3.6	15.2	+- 1.3
39	290	18.0	19.6	+- 0.6; 2.9	17.4	+- 0.6; 3.7	16.3	+- 1.1
40	289	18.0	17.8	+- 0.5; 2.7	15.8	+- 0.5; 3.6	14.9	+- 1.1
41	318	6.1	19.6	+- 0.6; 2.9	17.4	+- 0.6; 3.7	15.7	+- 1.1

Transit Dose = 0.3 +- 0.3; 2.9

SEQUOYAH

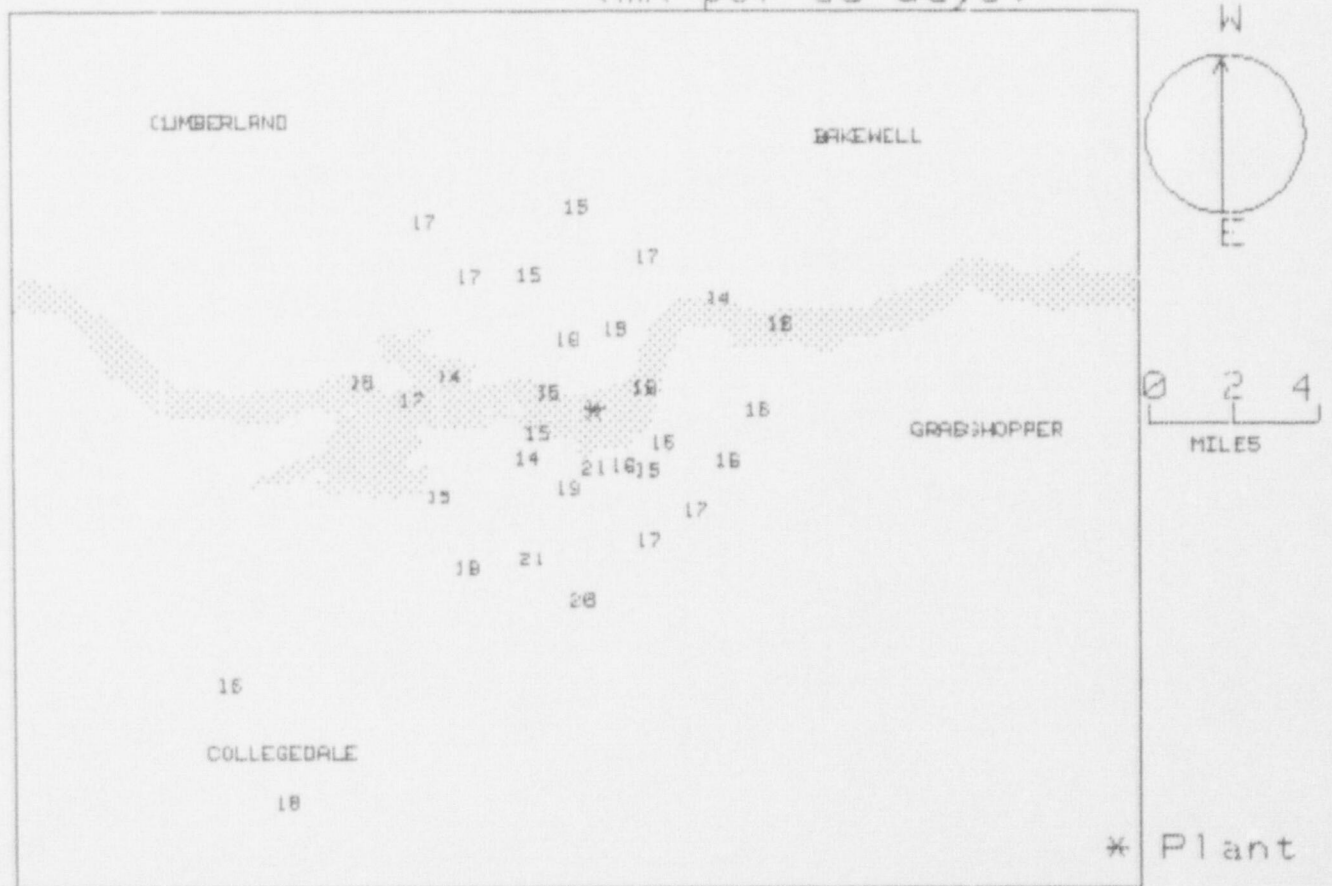
For the period 930323-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.3 +- 2.7	2
11.26 - 33.75 NNE	18.0 +- 1.6	2
33.76 - 56.25 NE	15.8 +- 2.9	2
56.26 - 78.75 ENE	16.2 +- 0.1	2
78.76 - 101.25 E	16.5 +- 0.0	1
101.26 - 123.75 ESE	15.9 +- 0.5	2
123.76 - 146.25 SE	15.8 +- 1.1	2
146.26 - 168.75 SSE	16.4 +- 0.7	2
168.76 - 191.25 S	20.7 +- 0.6	2
191.26 - 213.75 SSW	18.5 +- 3.0	3
213.76 - 236.25 SW	16.6 +- 2.0	4
236.26 - 258.75 WSW	15.3 +- 0.2	2
258.76 - 281.25 W	16.7 +- 1.1	3
281.26 - 303.75 WNW	15.1 +- 0.9	2
303.76 - 326.25 NW	17.1 +- 0.5	3
326.26 - 348.75 NNW	16.7 +- 1.2	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.9 +- 1.8	15
2 - 5	16.8 +- 2.0	17
> 5	16.8 +- 1.0	5
Upwind Control	16.3 +- 1.0	3

NRC TLD DOSES FOR SEQUOYAH AREA
(mR per 90 days)



SHOREHAM

TLD Direct Radiation Environmental Monitoring

For the period 930324-930720 119 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	262	10.0	15.8	+- 0.5; 2.4	14.2	+- 0.6; 3.8	13.6	+- 1.6
2	268	4.4	Missing Dosimeter		No Net Data		14.6	+- 1.6
3	256	3.2	14.7	+- 0.4; 2.2	13.0	+- 0.6; 3.7	13.9	+- 1.6
4	268	2.1	17.1	+- 0.5; 2.6	15.5	+- 0.6; 3.9	15.0	+- 1.1
5	243	1.7	16.6	+- 0.5; 2.5	15.0	+- 0.6; 3.9	14.7	+- 1.3
7	136	1.5	18.5	+- 0.6; 2.8	17.0	+- 0.7; 4.1	15.4	+- 3.1
8	116	0.9	18.8	+- 0.6; 2.8	17.3	+- 0.7; 4.1	17.2	+- 1.4
9	91	0.8	15.8	+- 0.5; 2.4	14.2	+- 0.6; 3.8	13.9	+- 1.5
10	73	0.7	Missing Dosimeter		No Net Data		13.3	+- 1.2
11	62	0.7	14.3	+- 0.4; 2.2	12.6	+- 0.5; 3.6	12.7	+- 1.5
12	75	1.6	16.6	+- 0.5; 2.5	15.0	+- 0.6; 3.9	13.8	+- 1.4
13	88	2.1	16.3	+- 0.5; 2.4	14.7	+- 0.6; 3.8	14.5	+- 1.6
14	119	4.6	15.1	+- 0.5; 2.3	13.4	+- 0.6; 3.7	13.4	+- 1.5
15	110	10.0	15.4	+- 0.5; 2.3	13.8	+- 0.6; 3.7	14.6	+- 1.8
16	138	14.0	15.2	+- 0.5; 2.3	13.5	+- 0.6; 3.7	13.6	+- 1.6
17	162	12.0	14.9	+- 0.4; 2.2	13.2	+- 0.6; 3.7	13.9	+- 2.5
18	174	11.0	18.2	+- 0.5; 2.7	16.7	+- 0.7; 4.0	13.9	+- 1.8
19	189	5.1	15.3	+- 0.5; 2.3	13.6	+- 0.6; 3.7	13.7	+- 1.4
21	163	2.5	13.8	+- 0.4; 2.1	12.1	+- 0.5; 3.6	13.6	+- 1.8
22	149	1.5	16.6	+- 0.5; 2.5	15.0	+- 0.6; 3.9	15.0	+- 1.6
23	177	1.3	15.3	+- 0.5; 2.3	13.7	+- 0.6; 3.7	14.5	+- 1.4
24	196	1.2	16.4	+- 0.5; 2.5	14.8	+- 0.6; 3.8	13.7	+- 1.3
25	217	1.5	Missing Dosimeter		No Net Data		13.1	+- 1.6
26	215	4.6	14.2	+- 0.4; 2.1	12.5	+- 0.5; 3.6	12.4	+- 1.6
27	205	4.2	15.1	+- 0.5; 2.3	13.4	+- 0.6; 3.7	13.9	+- 1.5
28	233	11.0	15.0	+- 0.4; 2.2	13.3	+- 0.6; 3.7	13.4	+- 1.4
29	224	13.0	14.5	+- 0.4; 2.2	12.8	+- 0.6; 3.6	13.0	+- 1.3
30	202	14.0	15.7	+- 0.5; 2.4	14.1	+- 0.6; 3.8	13.9	+- 1.4
31	210	15.0	14.6	+- 0.4; 2.2	12.9	+- 0.6; 3.6	13.2	+- 1.2
32	210	15.0	16.0	+- 0.5; 2.4	14.4	+- 0.6; 3.8	13.7	+- 1.7
33	210	15.0	15.0	+- 0.5; 2.3	13.4	+- 0.6; 3.7	12.9	+- 1.5
34	27	0.2	Missing Dosimeter		No Net Data		13.0	+- 2.4
35	50	0.3	16.8	+- 0.5; 2.5	15.2	+- 0.6; 3.9	15.3	+- 1.6
36	133	3.9	16.1	+- 0.5; 2.4	14.5	+- 0.6; 3.8	14.6	+- 1.6

Transit Dose = 2.4 +- 0.3; 2.7

SHOREHAM

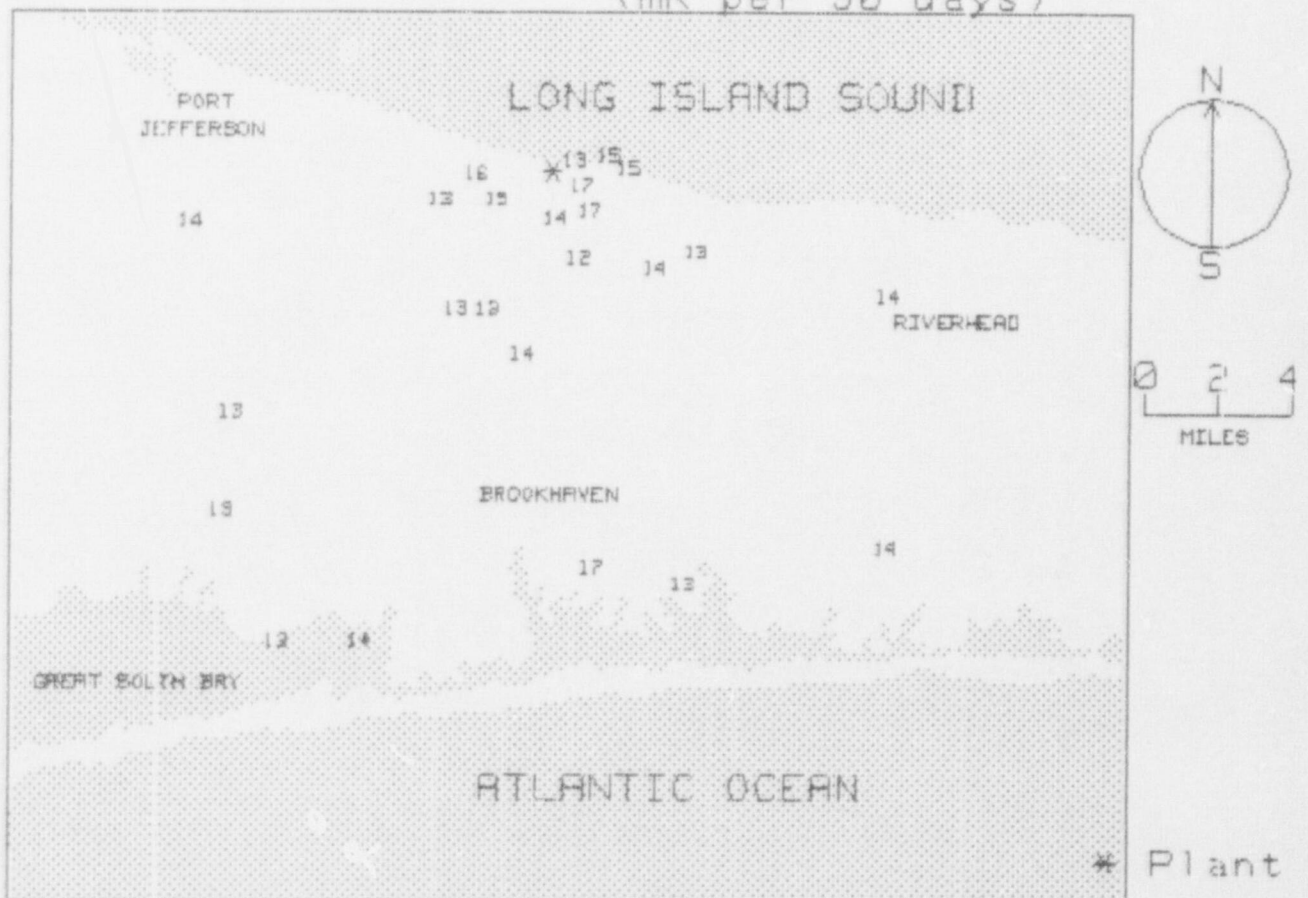
For the period 930324-930720

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	15.2 +- 0.0	1
56.26 - 78.75 ENE	13.8 +- 1.7	2
78.76 - 101.25 E	14.4 +- 0.4	2
101.26 - 123.75 ESE	14.9 +- 2.2	3
123.76 - 146.25 SE	15.0 +- 1.8	3
146.26 - 168.75 SSE	13.4 +- 1.5	3
168.76 - 191.25 S	14.7 +- 1.8	3
191.26 - 213.75 SSW	14.1 +- 0.7	3
213.76 - 236.25 SW	12.9 +- 0.4	3
236.26 - 258.75 WSW	14.0 +- 1.5	2
258.76 - 281.25 W	14.9 +- 1.0	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	15.0 +- 1.4	10
2 - 5	13.6 +- 1.2	8
> 5	13.9 +- 1.1	9
Upwind Control	13.5 +- 0.8	3

NRC TLD DOSES FOR SHOREHAM AREA
(mR per 90 days)



SOUTH TEXAS

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 Days

Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	90	1.0	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.1	16.6	+- 2.8
2	63	1.0	19.9	+- 0.6; 3.0	17.1	+- 0.7; 4.1	17.8	+- 2.4
3	40	1.0	20.1	+- 0.6; 3.0	17.3	+- 0.7; 4.1	18.4	+- 2.4
4	19	1.0	19.0	+- 0.6; 2.9	16.3	+- 0.6; 4.0	17.1	+- 2.4
5	4	0.9	19.5	+- 0.6; 2.9	16.7	+- 0.7; 4.0	17.0	+- 2.1
6	339	0.9	19.6	+- 0.6; 2.9	16.8	+- 0.7; 4.0	17.4	+- 2.3
7	318	1.0	19.0	+- 0.6; 2.8	16.2	+- 0.6; 4.0	16.7	+- 2.2
8	294	1.1	22.0	+- 0.7; 3.3	19.2	+- 0.7; 4.3	19.7	+- 2.5
9	267	1.3	21.4	+- 0.6; 3.2	18.6	+- 0.7; 4.2	19.8	+- 2.2
10	126	0.3	18.1	+- 0.5; 2.7	15.3	+- 0.6; 3.9	15.8	+- 2.3
11	180	0.1	20.9	+- 0.6; 3.1	18.1	+- 0.7; 4.2	16.1	+- 2.9
12	257	0.5	17.6	+- 0.5; 2.6	14.8	+- 0.6; 3.8	15.4	+- 2.5
13	262	0.9	18.0	+- 0.5; 2.7	15.2	+- 0.6; 3.9	15.5	+- 2.4
14	250	1.3	19.1	+- 0.6; 2.9	16.3	+- 0.6; 4.0	15.9	+- 2.3
15	227	2.4	17.8	+- 0.5; 2.7	15.1	+- 0.6; 3.9	14.7	+- 2.5
16	210	3.7	18.3	+- 0.5; 2.7	15.5	+- 0.6; 3.9	14.3	+- 2.6
17	175	3.6	16.5	+- 0.5; 2.5	13.7	+- 0.6; 3.7	14.7	+- 2.3
18	158	3.7	17.3	+- 0.5; 2.6	14.5	+- 0.6; 3.8	14.7	+- 2.3
19	143	3.3	Missing Dosimeter		No Net Data		14.5	+- 2.7
20	122	2.3	17.9	+- 0.5; 2.7	15.1	+- 0.6; 3.9	15.7	+- 2.7
21	121	1.1	18.7	+- 0.6; 2.8	15.9	+- 0.6; 3.9	15.2	+- 2.4
22	257	2.5	20.9	+- 0.6; 3.1	18.1	+- 0.7; 4.2	16.5	+- 2.1
23	262	4.5	22.4	+- 0.7; 3.4	19.6	+- 0.7; 4.4	19.0	+- 2.5
24	282	4.7	19.2	+- 0.6; 2.9	16.4	+- 0.6; 4.0	17.1	+- 2.8
25	304	5.8	19.2	+- 0.6; 2.9	16.5	+- 0.6; 4.0	15.7	+- 2.7
26	242	5.4	20.7	+- 0.6; 3.1	17.9	+- 0.7; 4.2	16.7	+- 2.5
27	223	5.0	20.0	+- 0.6; 3.0	17.2	+- 0.7; 4.1	16.8	+- 2.6
28	236	9.6	18.6	+- 0.6; 2.8	15.8	+- 0.6; 3.9	14.8	+- 2.6
29	259	10.0	19.5	+- 0.6; 2.9	16.7	+- 0.7; 4.0	16.1	+- 2.4
30	291	6.2	18.6	+- 0.6; 2.8	15.8	+- 0.6; 3.9	17.4	+- 2.6
31	323	7.8	20.4	+- 0.6; 3.1	17.6	+- 0.7; 4.1	18.5	+- 5.5
32	335	7.4	25.2	+- 0.8; 3.8	22.4	+- 0.8; 4.7	21.4	+- 2.4
33	351	5.5	17.9	+- 0.5; 2.7	15.2	+- 0.6; 3.9	15.1	+- 2.4
34	88	4.4	17.7	+- 0.5; 2.7	14.9	+- 0.6; 3.8	15.9	+- 2.7
35	89	6.7	18.6	+- 0.6; 2.8	15.9	+- 0.6; 3.9	14.9	+- 2.5
36	121	3.9	Missing Dosimeter		No Net Data		16.5	+- 2.8
37	145	8.8	18.3	+- 0.5; 2.7	15.6	+- 0.6; 3.9	15.0	+- 2.2
38	297	12.0	18.6	+- 0.6; 2.8	15.9	+- 0.6; 3.9	15.2	+- 2.5
39	321	9.3	20.4	+- 0.6; 3.1	17.6	+- 0.7; 4.1	18.0	+- 2.3
40	353	12.0	17.8	+- 0.5; 2.7	15.0	+- 0.6; 3.9	14.7	+- 2.3
41	13	18.0	18.4	+- 0.6; 2.8	15.6	+- 0.6; 3.9	16.4	+- 2.4
42	21	5.7	21.2	+- 0.6; 3.2	18.4	+- 0.7; 4.2	17.0	+- 2.6
43	39	5.8	20.9	+- 0.6; 3.1	18.1	+- 0.7; 4.2	17.3	+- 2.2
44	53	5.1	19.6	+- 0.6; 2.9	16.9	+- 0.7; 4.1	19.1	+- 2.8
45	69	7.3	17.8	+- 0.5; 2.7	15.0	+- 0.6; 3.9	15.4	+- 2.6
46	66	17.0	22.7	+- 0.7; 3.4	19.9	+- 0.7; 4.4	19.5	+- 2.3

Transit Dose = 2.6 +- 0.3; 2.8

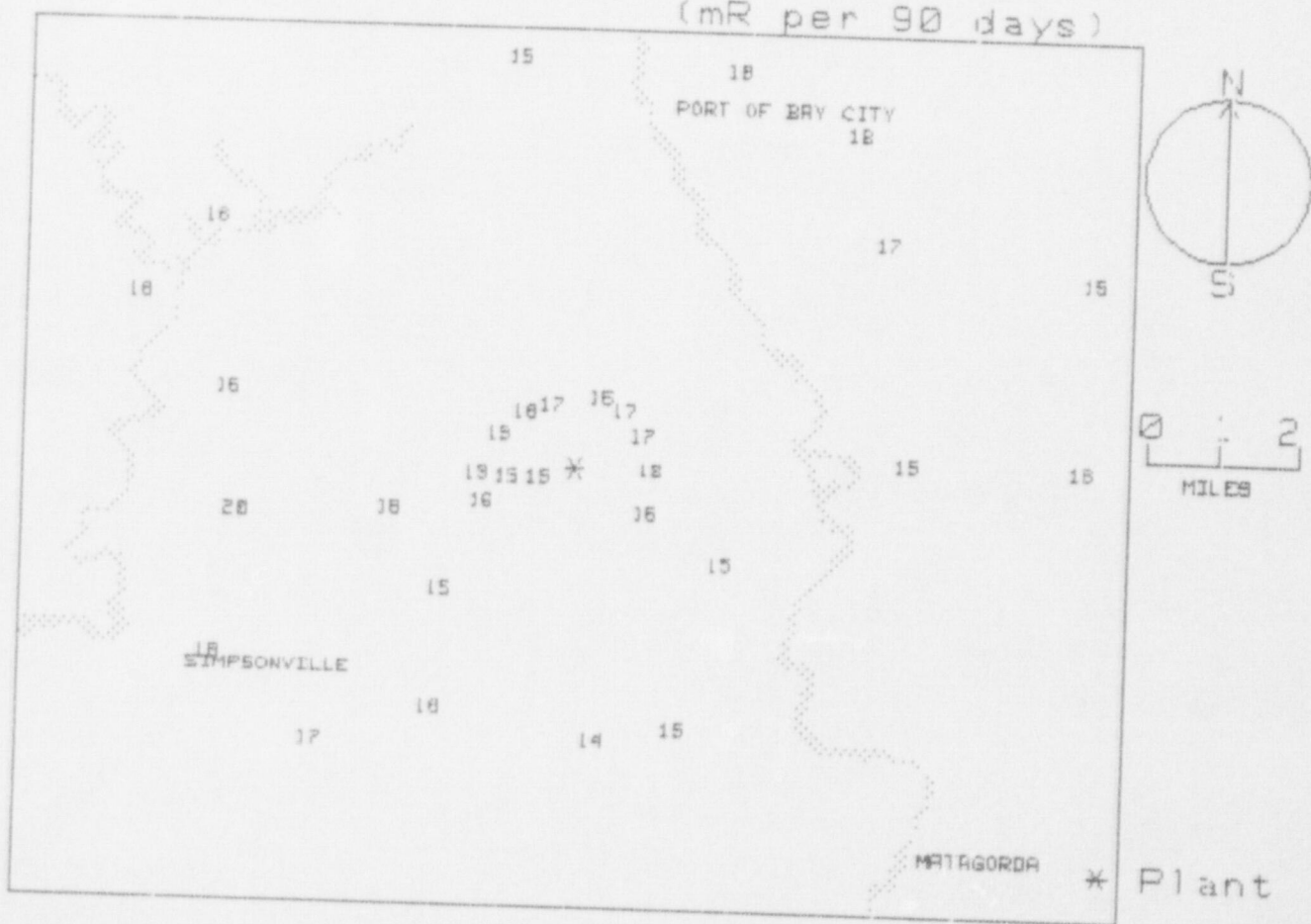
SOUTH TEXAS
For the period 930322-930728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.9 +- 1.1	2
11.26 - 33.75 NNE	17.3 +- 1.5	2
33.76 - 56.25 NE	17.4 +- 0.6	3
56.26 - 78.75 ENE	17.3 +- 2.4	3
78.76 - 101.25 E	16.1 +- 1.4	3
101.26 - 123.75 ESE	15.5 +- 0.5	2
123.76 - 146.25 SE	15.4 +- 0.2	2
146.26 - 168.75 SSE	14.5 +- 0.0	1
168.76 - 191.25 S	15.9 +- 3.1	2
191.26 - 213.75 SSW	15.5 +- 0.0	1
213.76 - 236.25 SW	16.0 +- 1.1	3
236.26 - 258.75 WSW	16.8 +- 1.5	4
258.76 - 281.25 W	17.5 +- 1.9	4
281.26 - 303.75 WNW	17.2 +- 1.8	3
303.76 - 326.25 NW	16.9 +- 0.7	4
326.26 - 348.75 NNW	19.6 +- 4.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.8 +- 1.3	15
2 - 5	16.0 +- 1.8	10
> 5	17.2 +- 1.9	16
Upwind Control	15.5 +- 0.4	3

NRC TLD DOSES FOR SOUTH TEXAS AREA
(mR per 90 days)



ST. LUCIE
 TLD Direct Radiation Environmental Monitoring
 For the period 930324-930720 119 Days
 Field Time: 84 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	20	0.3	14.8 +- 0.4; 2.2	13.8 +- 0.6; 3.7	14.4 +- 3.6
2	45	0.2	15.6 +- 0.5; 2.3	14.7 +- 0.6; 3.7	15.4 +- 3.7
3	67	0.2	14.8 +- 0.4; 2.2	13.8 +- 0.6; 3.6	16.5 +- 4.5
4	92	0.3	14.4 +- 0.4; 2.2	13.4 +- 0.5; 3.6	13.9 +- 3.7
5	115	0.4	14.7 +- 0.4; 2.2	13.7 +- 0.5; 3.6	13.5 +- 3.7
6	143	1.1	13.5 +- 0.4; 2.0	12.4 +- 0.5; 3.5	12.4 +- 3.5
7	150	2.0	Missing Dosimeter	No Net Data	12.0 +- 3.5
8	154	4.7	Missing Dosimeter	No Net Data	13.1 +- 3.8
9	152	23.0	14.5 +- 0.4; 2.2	13.5 +- 0.5; 3.6	13.4 +- 3.8
10	152	23.0	14.6 +- 0.4; 2.2	13.6 +- 0.5; 3.6	13.9 +- 5.0
11	152	23.0	15.3 +- 0.5; 2.3	14.4 +- 0.6; 3.7	15.1 +- 4.9
12	168	14.0	13.2 +- 0.4; 2.0	12.1 +- 0.5; 3.5	13.4 +- 3.5
13	185	10.0	14.2 +- 0.4; 2.1	13.2 +- 0.5; 3.6	13.7 +- 3.6
14	183	11.0	14.9 +- 0.4; 2.2	14.0 +- 0.6; 3.7	15.9 +- 3.7
15	170	8.0	13.8 +- 0.4; 2.1	12.7 +- 0.5; 3.5	13.2 +- 3.8
16	196	7.0	14.6 +- 0.4; 2.2	13.6 +- 0.5; 3.6	13.6 +- 3.7
17	229	7.9	14.9 +- 0.4; 2.2	13.9 +- 0.6; 3.7	15.7 +- 4.6
18	250	6.6	12.8 +- 0.4; 1.9	11.7 +- 0.5; 3.5	12.7 +- 3.7
19	247	4.8	14.9 +- 0.4; 2.2	13.9 +- 0.6; 3.7	13.2 +- 3.7
20	229	5.0	13.5 +- 0.4; 2.0	12.4 +- 0.5; 3.5	13.6 +- 3.6
21	208	3.8	14.2 +- 0.4; 2.1	13.1 +- 0.5; 3.6	13.0 +- 4.1
22	187	3.8	14.2 +- 0.4; 2.1	13.2 +- 0.5; 3.6	13.3 +- 3.8
23	203	2.6	15.0 +- 0.4; 2.2	14.0 +- 0.6; 3.7	13.4 +- 3.6
24	245	1.9	13.9 +- 0.4; 2.1	12.9 +- 0.5; 3.6	13.1 +- 3.7
25	280	2.2	14.7 +- 0.4; 2.2	13.7 +- 0.5; 3.6	13.8 +- 3.8
26	299	3.1	14.2 +- 0.4; 2.1	13.2 +- 0.5; 3.6	13.9 +- 3.7
27	305	3.8	13.8 +- 0.4; 2.1	12.8 +- 0.5; 3.6	13.4 +- 3.7
28	276	4.0	13.3 +- 0.4; 2.0	12.3 +- 0.5; 3.5	13.0 +- 3.6
29	293	5.8	14.0 +- 0.4; 2.1	13.0 +- 0.5; 3.6	13.3 +- 3.7
30	316	7.7	14.1 +- 0.4; 2.1	13.1 +- 0.5; 3.6	13.3 +- 3.8
32	300	11.0	15.1 +- 0.5; 2.3	14.2 +- 0.6; 3.7	14.1 +- 3.6
33	322	8.7	15.0 +- 0.5; 2.3	14.1 +- 0.6; 3.7	14.6 +- 3.7
34	339	8.8	14.6 +- 0.4; 2.2	13.6 +- 0.5; 3.6	14.0 +- 3.7
35	342	2.9	13.6 +- 0.4; 2.0	12.6 +- 0.5; 3.5	12.9 +- 3.7
36	346	1.9	15.2 +- 0.5; 2.3	14.3 +- 0.6; 3.7	12.9 +- 3.7
37	353	1.0	14.6 +- 0.4; 2.2	13.6 +- 0.5; 3.6	14.1 +- 3.7
38	226	2.0	13.9 +- 0.4; 2.1	12.9 +- 0.5; 3.6	13.4 +- 4.0
					13.5 +- 3.7

Transit Dose = 1.9 +- 0.3; 2.6

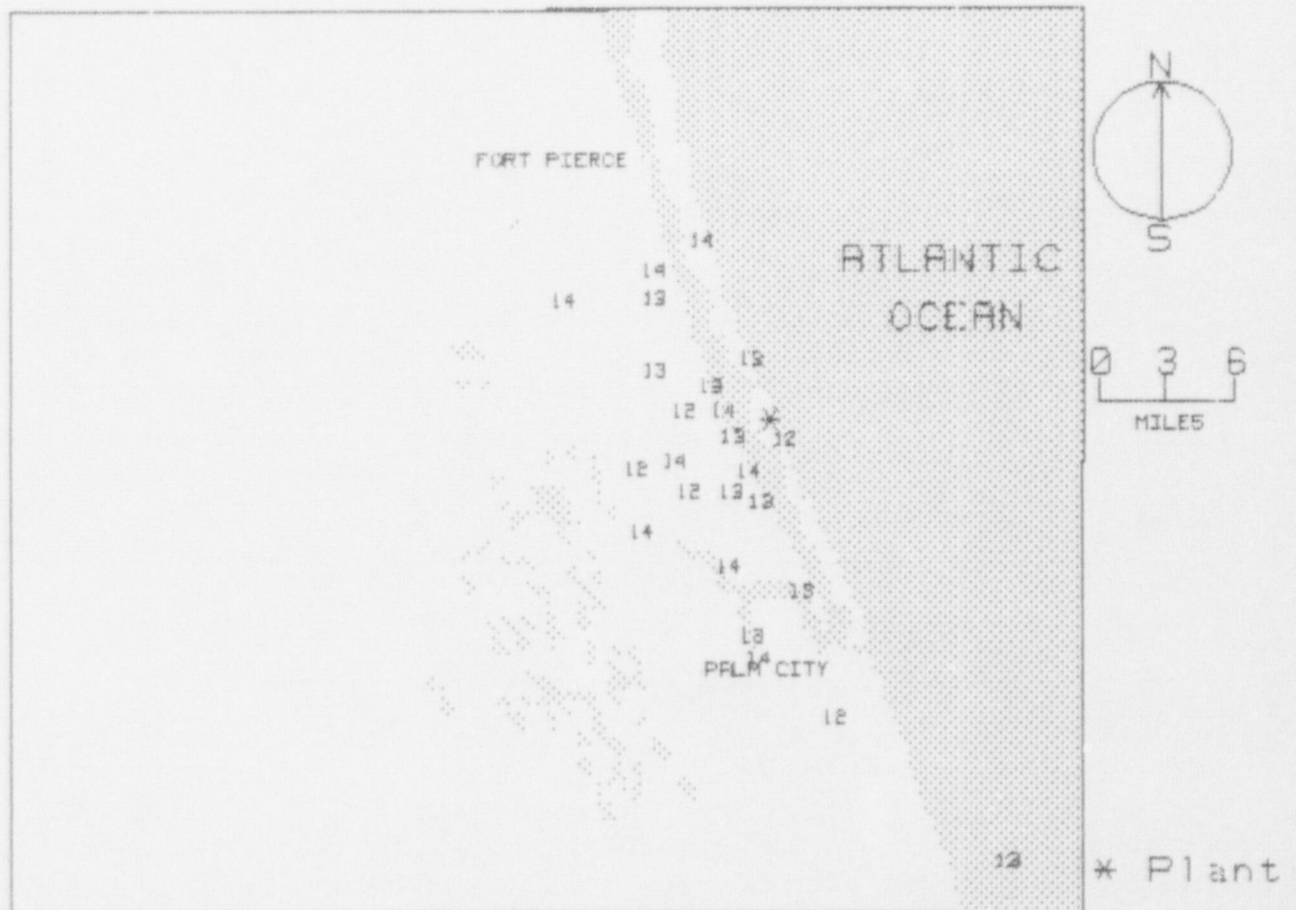
ST. LUCIE
For the period 930324-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.6 +- 0.0	1
11.26 - 33.75 NNE	13.8 +- 0.0	1
33.76 - 56.25 NE	14.7 +- 0.0	1
56.26 - 78.75 ENE	13.8 +- 0.0	1
78.76 - 101.25 E	13.4 +- 0.0	1
101.26 - 123.75 ESE	13.7 +- 0.0	1
123.76 - 146.25 SE	12.4 +- 0.0	1
146.26 - 168.75 SSE	12.1 +- 0.0	1
168.76 - 191.25 S	13.3 +- 0.5	4
191.26 - 213.75 SSW	13.6 +- 0.4	3
213.76 - 236.25 SW	13.1 +- 0.8	3
236.26 - 258.75 WSW	12.8 +- 1.1	3
258.76 - 281.25 W	13.0 +- 1.0	2
281.26 - 303.75 WNW	13.5 +- 0.6	3
303.76 - 326.25 NW	13.3 +- 0.7	3
326.26 - 348.75 NNW	13.5 +- 0.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.5 +- 0.7	10
2 - 5	13.1 +- 0.6	10
> 5	13.3 +- 0.8	12
Upwind Control	13.8 +- 0.5	3

NRC TLD DOSES FOR ST. LUCIE AREF
(mR per 90 days)



SUMMER

TLD Direct Radiation Environmental Monitoring

For the period 930323-930720 120 Days

Field Time: 74 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	199	3.7	22.8	+- 0.7; 3.4	17.0	+- 1.0; 5.5	21.8	+- 2.8
2	111	1.0	22.2	+- 0.7; 3.3	16.3	+- 1.0; 5.4	19.9	+- 2.6
3	340	4.1	24.5	+- 0.7; 3.7	19.1	+- 1.0; 5.7	23.2	+- 3.1
4	192	9.3	25.2	+- 0.8; 3.8	19.9	+- 1.1; 5.8	21.2	+- 1.7
5	72	1.8	25.3	+- 0.8; 3.8	20.1	+- 1.1; 5.9	22.8	+- 2.7
6	54	1.5	27.5	+- 0.8; 4.1	22.8	+- 1.1; 6.2	22.1	+- 1.9
7	46	3.0	27.9	+- 0.8; 4.2	23.2	+- 1.2; 6.2	27.2	+- 2.7
8	31	3.0	29.9	+- 0.9; 4.5	25.7	+- 1.2; 6.5	28.3	+- 3.0
9	13	3.9	30.6	+- 0.9; 4.6	26.5	+- 1.2; 6.6	27.3	+- 2.2
10	7	4.0	30.3	+- 0.9; 4.5	26.2	+- 1.2; 6.6	26.1	+- 1.8
11	349	4.3	27.7	+- 0.8; 4.1	22.9	+- 1.1; 6.2	22.4	+- 3.3
12	323	5.0	27.8	+- 0.8; 4.2	23.1	+- 1.1; 6.2	24.5	+- 2.3
13	333	3.0	30.2	+- 0.9; 4.5	26.1	+- 1.2; 6.6	24.7	+- 1.9
14	255	2.8	23.4	+- 0.7; 3.5	17.7	+- 1.0; 5.6	19.3	+- 3.6
15	308	5.6	Missing Dosimeter		No Net Data		26.0	+- 2.1
16	64	3.5	30.3	+- 0.9; 4.5	26.1	+- 1.2; 6.6	26.6	+- 3.1
17	98	3.1	29.2	+- 0.9; 4.4	24.8	+- 1.2; 6.4	23.2	+- 2.1
18	114	3.5	29.1	+- 0.9; 4.4	24.7	+- 1.2; 6.4	22.9	+- 2.0
19	132	2.0	Damaged Dosimeter		No Net Data		20.9	+- 2.1
20	152	4.5	18.4	+- 0.6; 2.8	11.7	+- 0.9; 4.9	14.3	+- 2.9
21	133	4.1	21.5	+- 0.6; 3.2	15.4	+- 1.0; 5.3	16.0	+- 1.9
22	157	2.4	24.8	+- 0.7; 3.7	19.4	+- 1.1; 5.8	17.8	+- 2.2
23	173	2.4	26.3	+- 0.8; 3.9	21.3	+- 1.1; 6.0	20.1	+- 2.2
24	185	3.9	25.4	+- 0.8; 3.8	20.1	+- 1.1; 5.9	19.4	+- 2.3
25	210	3.3	24.8	+- 0.7; 3.7	19.5	+- 1.1; 5.8	19.3	+- 1.8
26	217	3.3	23.9	+- 0.7; 3.6	18.3	+- 1.0; 5.7	17.6	+- 2.1
27	231	3.1	19.7	+- 0.6; 2.9	13.2	+- 0.9; 5.1	15.4	+- 2.3
28	267	2.7	26.9	+- 0.8; 4.0	22.0	+- 1.1; 6.1	22.3	+- 2.1
29	276	3.4	28.4	+- 0.9; 4.3	23.8	+- 1.2; 6.3	23.7	+- 1.9
30	293	3.8	28.1	+- 0.8; 4.2	23.5	+- 1.2; 6.3	25.3	+- 4.4
31	244	3.6	23.2	+- 0.7; 3.5	17.6	+- 1.0; 5.6	20.7	+- 3.6
32	247	6.2	27.5	+- 0.8; 4.1	22.7	+- 1.1; 6.2	23.4	+- 2.2
33	218	9.0	24.7	+- 0.7; 3.7	19.3	+- 1.1; 5.8	20.5	+- 2.0
34	192	9.3	26.2	+- 0.8; 3.9	21.1	+- 1.1; 6.0	20.5	+- 1.9
35	184	14.1	22.2	+- 0.7; 3.3	16.3	+- 1.0; 5.4	16.3	+- 1.9
36	183	14.6	17.7	+- 0.5; 2.7	10.8	+- 0.8; 4.8	15.2	+- 2.9
37	182	14.8	17.4	+- 0.5; 2.6	10.4	+- 0.8; 4.8	14.3	+- 3.1
38	148	20.8	23.4	+- 0.7; 3.5	17.7	+- 1.0; 5.6	21.5	+- 2.7
39	140	25.0	24.9	+- 0.7; 3.7	19.6	+- 1.1; 5.8	22.8	+- 2.4
40	135	23.1	23.0	+- 0.7; 3.5	17.3	+- 1.0; 5.5	20.2	+- 3.5

Transit Dose = 8.8 +- 0.4; 3.0

SUMMER

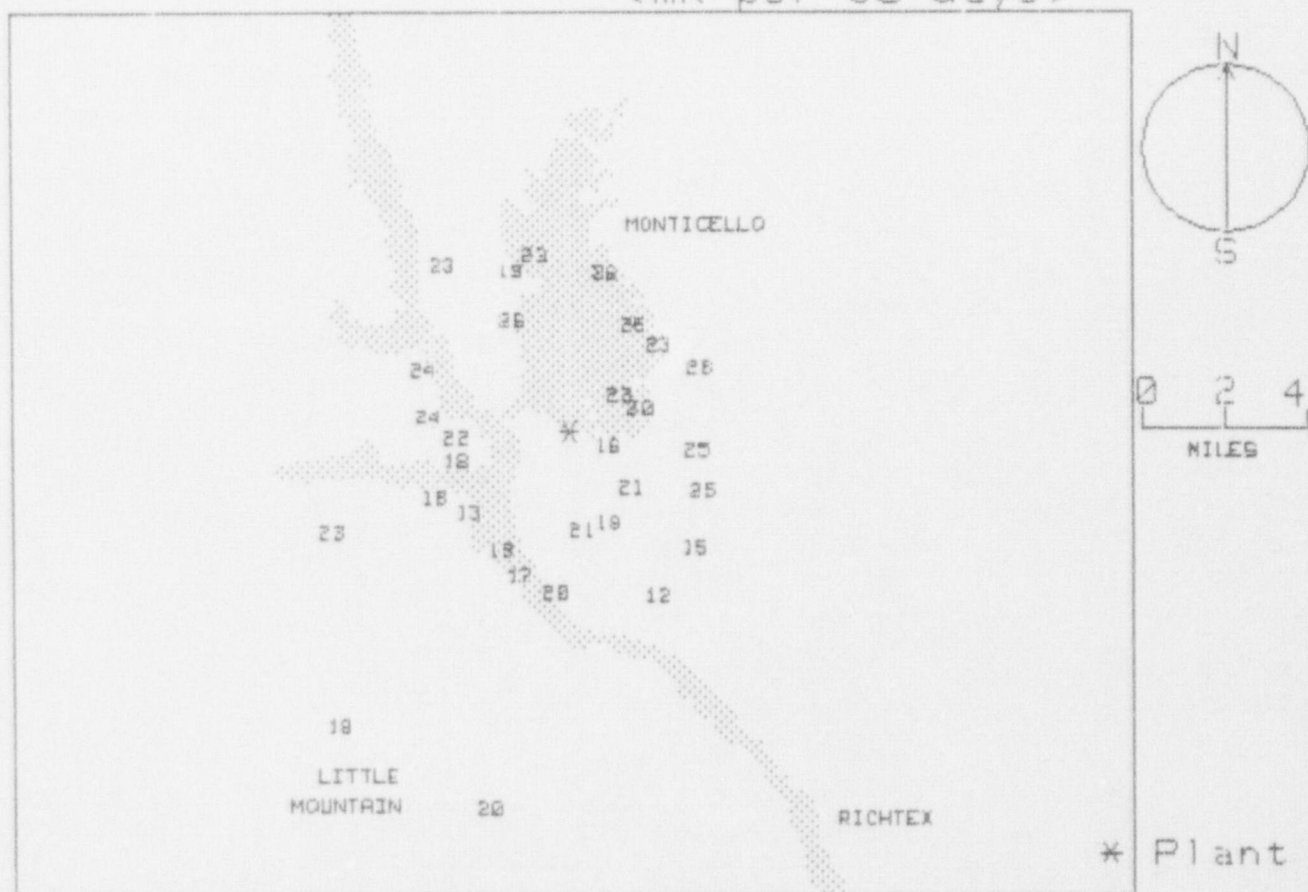
For the period 930323-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	24.5 +- 2.3	2
11.26 - 33.75 NNE	26.1 +- 0.6	2
33.76 - 56.25 NE	23.0 +- 0.3	2
56.26 - 78.75 ENE	23.1 +- 4.2	2
78.76 - 101.25 E	24.8 +- 0.0	1
101.26 - 123.75 ESE	20.5 +- 5.9	2
123.76 - 146.25 SE	17.4 +- 2.1	3
146.26 - 168.75 SSE	16.3 +- 4.1	3
168.76 - 191.25 S	20.7 +- 0.8	2
191.26 - 213.75 SSW	19.4 +- 1.7	4
213.76 - 236.25 SW	17.0 +- 3.3	3
236.26 - 258.75 WSW	19.3 +- 2.9	3
258.76 - 281.25 W	22.9 +- 1.3	2
281.26 - 303.75 WNW	23.5 +- 0.0	1
303.76 - 326.25 NW	23.1 +- 0.0	1
326.26 - 348.75 NNW	22.6 +- 4.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.7 +- 3.2	3
2 - 5	21.1 +- 4.2	25
> 5	19.7 +- 1.9	7
Upwind Control	12.5 +- 3.3	3

NRC TLD DOSES FOR SUMMER AREA
(mR per 90 days)



SURRY

TLD Direct Radiation Environmental Monitoring

For the period 930323-930728 128 Days

Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	18	19.0	19.0	+- 0.6; 2.8	15.1	+- 0.6; 3.8	15.7	+- 1.2
2	129	17.0	18.2	+- 0.5; 2.7	14.3	+- 0.6; 3.7	17.3	+- 1.2
3	162	17.0	19.8	+- 0.6; 3.0	15.8	+- 0.6; 3.9	16.0	+- 1.4
4	162	17.0	16.8	+- 0.5; 2.5	13.1	+- 0.5; 3.6	13.2	+- 1.6
5	156	5.1	20.3	+- 0.6; 3.0	16.3	+- 0.6; 3.9	17.8	+- 1.4
6	189	4.1	17.7	+- 0.5; 2.7	13.9	+- 0.6; 3.7	14.7	+- 1.6
7	202	2.2	19.1	+- 0.6; 2.9	15.2	+- 0.6; 3.8	14.7	+- 1.5
8	183	1.6	20.2	+- 0.6; 3.0	16.2	+- 0.6; 3.9	17.3	+- 1.3
9	243	0.2	24.2	+- 0.7; 3.6	19.8	+- 0.7; 4.3	20.3	+- 1.5
10	269	0.1	24.7	+- 0.7; 3.7	20.3	+- 0.7; 4.4	23.3	+- 2.6
11	304	0.1	23.8	+- 0.7; 3.6	19.4	+- 0.7; 4.3	23.9	+- 3.5
12	334	0.2	25.3	+- 0.8; 3.8	20.8	+- 0.7; 4.4	23.6	+- 2.5
13	10	1.2	18.6	+- 0.6; 2.8	14.7	+- 0.6; 3.8	16.4	+- 1.5
14	21	2.0	19.0	+- 0.6; 2.9	15.1	+- 0.6; 3.8	16.8	+- 1.5
15	203	4.5	19.0	+- 0.6; 2.9	15.1	+- 0.6; 3.8	15.2	+- 1.5
16	224	3.7	17.6	+- 0.5; 2.6	13.8	+- 0.6; 3.7	14.0	+- 1.3
17	212	2.0	20.7	+- 0.6; 3.1	16.6	+- 0.6; 4.0	17.2	+- 1.5
18	248	5.1	17.3	+- 0.5; 2.6	13.5	+- 0.6; 3.7	14.7	+- 1.5
19	259	8.1	18.9	+- 0.6; 2.8	15.0	+- 0.6; 3.8	15.3	+- 2.3
20	285	5.0	13.1	+- 0.4; 2.0	9.7	+- 0.5; 3.3	10.9	+- 1.6
21	270	4.1	21.2	+- 0.6; 3.2	17.1	+- 0.6; 4.0	18.7	+- 1.6
22	123	12.0	21.8	+- 0.7; 3.3	17.6	+- 0.7; 4.1	20.8	+- 2.7
23	102	11.0	24.9	+- 0.7; 3.7	20.4	+- 0.7; 4.4	23.0	+- 2.0
24	106	4.9	21.4	+- 0.6; 3.2	17.2	+- 0.7; 4.0	17.8	+- 1.5
25	90	5.2	20.9	+- 0.6; 3.1	16.8	+- 0.6; 4.0	17.0	+- 1.6
26	69	5.1	24.6	+- 0.7; 3.7	20.2	+- 0.7; 4.4	21.4	+- 1.6
27	23	5.3	20.4	+- 0.6; 3.1	16.3	+- 0.6; 3.9	18.5	+- 1.5
28	49	5.0	22.3	+- 0.7; 3.4	18.1	+- 0.7; 4.1	18.7	+- 1.6
29	7	6.8	21.0	+- 0.6; 3.1	16.8	+- 0.6; 4.0	18.0	+- 1.5
30	359	6.5	18.7	+- 0.6; 2.8	14.8	+- 0.6; 3.8	15.7	+- 1.5
31	1	4.6	15.8	+- 0.5; 2.4	12.2	+- 0.5; 3.5	13.4	+- 2.6
32	332	3.8	19.4	+- 0.6; 2.9	15.4	+- 0.6; 3.8	16.6	+- 1.8
33	314	5.4	20.7	+- 0.6; 3.1	16.6	+- 0.6; 4.0	17.6	+- 1.4
34	308	6.4	17.9	+- 0.5; 2.7	14.1	+- 0.6; 3.7	16.5	+- 1.6
35	348	5.3	18.8	+- 0.6; 2.8	14.9	+- 0.6; 3.8	15.5	+- 1.4
36	43	15.0	20.3	+- 0.6; 3.0	16.2	+- 0.6; 3.9	16.2	+- 1.5
37	340	15.0	17.4	+- 0.5; 2.6	13.6	+- 0.6; 3.7	14.4	+- 1.4
38	39	16.0	20.9	+- 0.6; 3.1	16.8	+- 0.6; 4.0	15.9	+- 2.5
39	153	1.9	Missing Dosimeter		No Net Data		18.6	+- 1.6
40	144	2.1	Missing Dosimeter		No Net Data		16.0	+- 1.7

Transit Dose = 2.4 +- 0.3; 3.1

SURRY

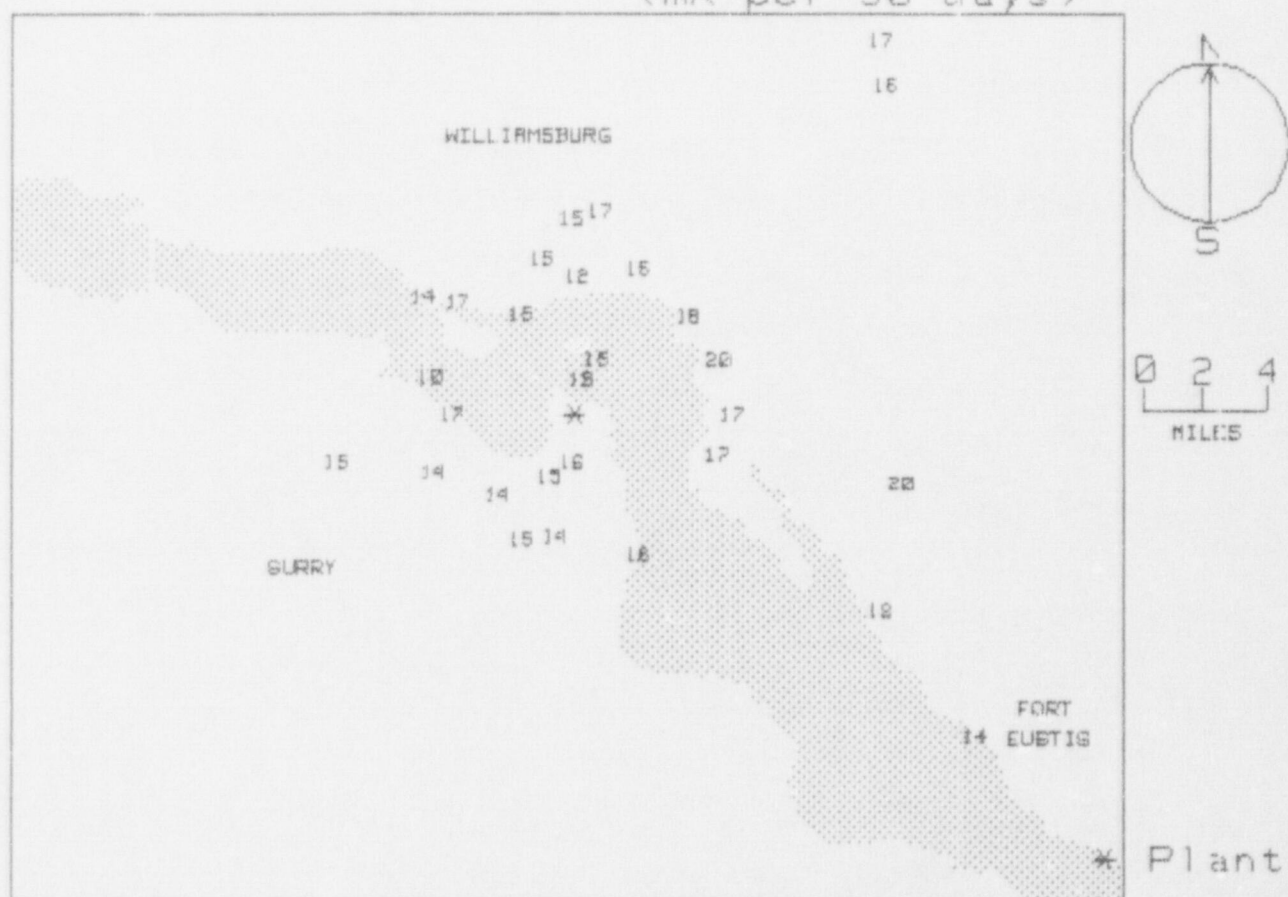
For the period 930323-930728

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 +- 1.9	4
11.26 - 33.75 NNE	15.5 +- 0.7	3
33.76 - 56.25 NE	18.1 +- 0.0	1
56.26 - 78.75 ENE	20.2 +- 0.0	1
78.76 - 101.25 E	16.8 +- 0.0	1
101.26 - 123.75 ESE	18.4 +- 1.8	3
123.76 - 146.25 SE	14.3 +- 0.0	1
146.26 - 168.75 SSE	15.0 +- 1.7	3
168.76 - 191.25 S	15.0 +- 1.6	2
191.26 - 213.75 SSW	15.6 +- 0.9	3
213.76 - 236.25 SW	13.8 +- 0.0	1
236.26 - 258.75 WSW	16.6 +- 4.4	2
258.76 - 281.25 W	17.4 +- 2.7	3
281.26 - 303.75 WNW	9.7 +- 0.0	1
303.76 - 326.25 NW	16.7 +- 2.7	3
326.26 - 348.75 NNW	17.0 +- 3.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.8 +- 2.5	8
2 - 5	14.8 +- 2.5	10
> 5	16.0 +- 2.1	17
Upwind Control	15.5 +- 1.7	3

NRC TLD DOSES FOR SURRY AREA
(mR per 90 days)



SUSQUEHANNA

TLD Direct Radiation Environmental Monitoring

For the period 930321-930720 122 Days

Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)			Net Exposure Rate (mR/Std. Qtr.)			Hist. Range Net Exp Rate		
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.			+-Rdm; Tot.			+-1 Std Dev		
1	19	1.4	21.5	+-	0.6; 3.2	19.4	+-	0.7; 4.2	18.8	+-	2.4
2	358	1.4	22.7	+-	0.7; 3.4	20.5	+-	0.7; 4.4	18.9	+-	2.0
3	332	1.6	20.5	+-	0.6; 3.1	18.4	+-	0.7; 4.1	17.7	+-	1.7
4	315	1.8	20.5	+-	0.6; 3.1	18.4	+-	0.7; 4.1	17.3	+-	1.9
5	287	1.7	22.8	+-	0.7; 3.4	20.7	+-	0.7; 4.4	19.0	+-	1.9
6	270	1.3	21.8	+-	0.7; 3.3	19.7	+-	0.7; 4.3	18.7	+-	1.8
7	239	1.8	21.1	+-	0.6; 3.2	19.0	+-	0.7; 4.2	17.7	+-	1.8
8	217	2.0	24.0	+-	0.7; 3.6	21.8	+-	0.8; 4.5	21.1	+-	2.0
9	201	1.5	21.7	+-	0.7; 3.3	19.6	+-	0.7; 4.2	18.9	+-	1.9
10	185	1.3	20.5	+-	0.6; 3.1	18.4	+-	0.7; 4.1	17.3	+-	1.4
11	243	5.1	21.8	+-	0.7; 3.3	19.7	+-	0.7; 4.3	18.9	+-	1.9
12	252	4.6	20.8	+-	0.6; 3.1	18.7	+-	0.7; 4.1	18.1	+-	1.6
13	274	3.4	24.9	+-	0.7; 3.7	22.8	+-	0.8; 4.6	20.9	+-	1.7
14	286	3.6	22.3	+-	0.7; 3.3	20.1	+-	0.7; 4.3	19.5	+-	1.8
15	1	3.9	22.7	+-	0.7; 3.4	20.6	+-	0.7; 4.4	20.0	+-	1.8
16	334	4.1	21.5	+-	0.6; 3.2	19.4	+-	0.7; 4.2	19.5	+-	2.0
17	312	4.4	22.6	+-	0.7; 3.4	20.5	+-	0.7; 4.3	18.5	+-	1.9
18	33	5.0	22.8	+-	0.7; 3.4	20.7	+-	0.7; 4.4	19.4	+-	1.6
19	45	9.9	22.8	+-	0.7; 3.4	20.7	+-	0.7; 4.4	19.5	+-	1.6
20	65	4.7	24.9	+-	0.7; 3.7	22.7	+-	0.8; 4.6	20.7	+-	1.8
21	43	3.3	24.5	+-	0.7; 3.7	22.4	+-	0.8; 4.6	21.4	+-	1.8
22	33	0.9	23.1	+-	0.7; 3.5	20.9	+-	0.7; 4.4	18.1	+-	2.4
23	57	1.2	19.4	+-	0.6; 2.9	17.3	+-	0.6; 4.0	17.5	+-	1.5
24	87	1.4	22.3	+-	0.7; 3.3	20.2	+-	0.7; 4.3	19.0	+-	1.7
25	111	1.4	21.7	+-	0.7; 3.3	19.6	+-	0.7; 4.2	18.6	+-	2.0
26	137	1.5	21.9	+-	0.7; 3.3	19.7	+-	0.7; 4.3	18.9	+-	1.8
27	152	1.5	22.6	+-	0.7; 3.4	20.4	+-	0.7; 4.3	19.6	+-	1.7
28	107	3.6	24.3	+-	0.7; 3.7	22.2	+-	0.8; 4.5	21.3	+-	5.3
29	99	4.3	22.8	+-	0.7; 3.4	20.7	+-	0.7; 4.4	20.2	+-	1.8
30	138	3.6	23.7	+-	0.7; 3.5	21.5	+-	0.8; 4.5	20.3	+-	1.9
31	162	3.4	24.3	+-	0.7; 3.6	22.1	+-	0.8; 4.5	21.5	+-	2.4
32	176	3.5	24.9	+-	0.7; 3.7	22.8	+-	0.8; 4.6	20.1	+-	2.1
33	192	3.2	23.5	+-	0.7; 3.5	21.4	+-	0.8; 4.5	21.0	+-	2.0
34	231	4.4	22.4	+-	0.7; 3.4	20.3	+-	0.7; 4.3	19.4	+-	2.2
35	134	12.3	22.6	+-	0.7; 3.4	20.5	+-	0.7; 4.3	19.6	+-	2.2
36	114	13.5	25.8	+-	0.8; 3.9	23.6	+-	0.8; 4.7	21.8	+-	2.2
37	150	15.6	22.0	+-	0.7; 3.3	19.8	+-	0.7; 4.3	19.1	+-	1.9

Transit Dose = 1.9 +- 0.3; 2.8

SUSQUEHANNA

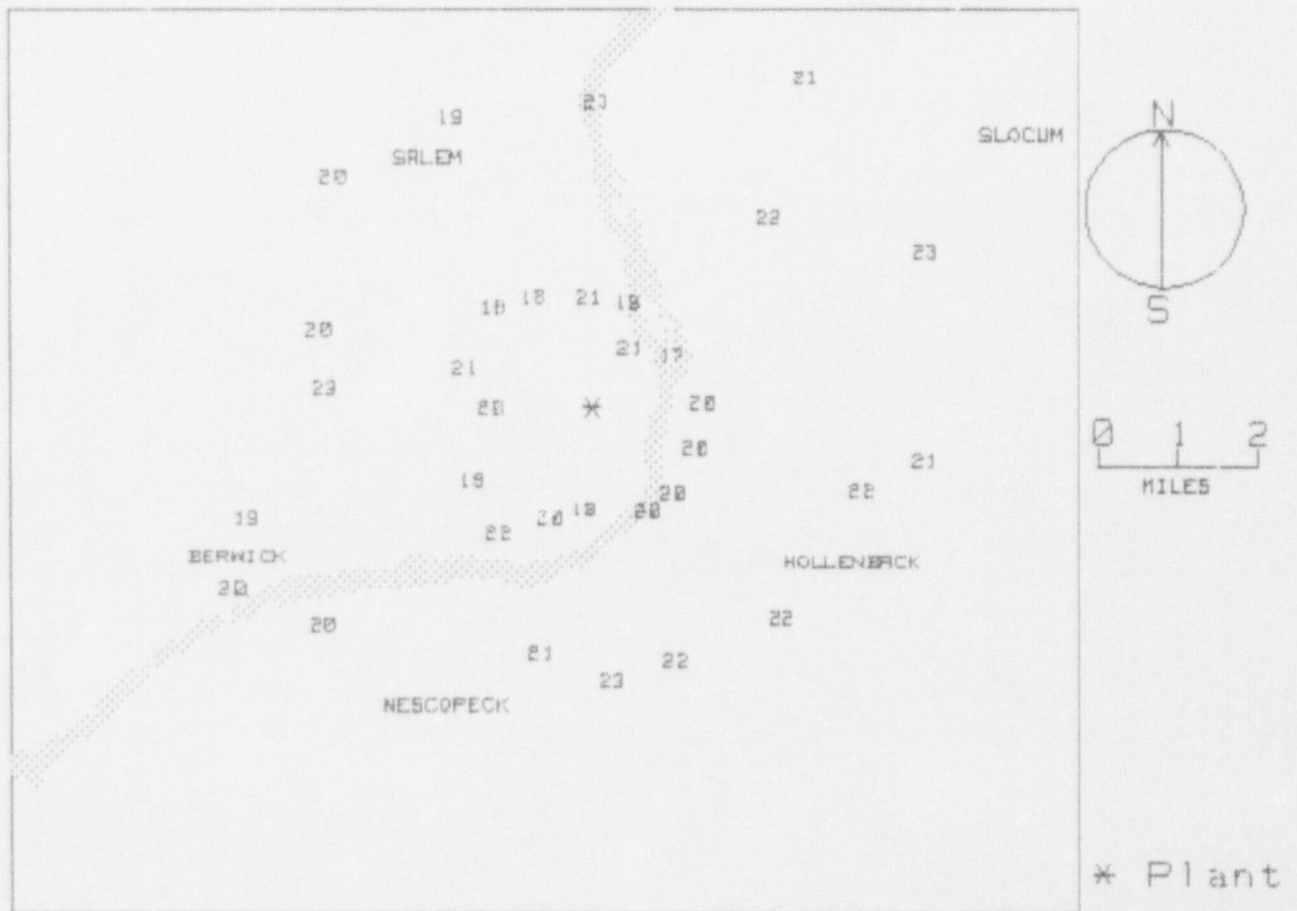
For the period 930321-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.6 +- 0.0	2
11.26 - 33.75 NNE	20.3 +- 0.8	3
33.76 - 56.25 NE	21.5 +- 1.2	2
56.26 - 78.75 ENE	20.0 +- 3.8	2
78.76 - 101.25 E	20.4 +- 0.3	2
101.26 - 123.75 ESE	20.9 +- 1.8	2
123.76 - 146.25 SE	20.6 +- 1.3	2
146.26 - 168.75 SSE	21.3 +- 1.2	2
168.76 - 191.25 S	20.6 +- 3.1	2
191.26 - 213.75 SSW	20.5 +- 1.3	2
213.76 - 236.25 SW	21.1 +- 1.1	2
236.26 - 258.75 WSW	19.1 +- 0.5	3
258.76 - 281.25 W	21.3 +- 2.2	2
281.26 - 303.75 WNW	20.4 +- 0.4	2
303.76 - 326.25 NW	19.4 +- 1.5	2
326.26 - 348.75 NNW	18.9 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.6 +- 1.2	16
2 - 5	21.2 +- 1.3	16
> 5	20.2 +- 0.7	2
Upwind Control	21.3 +- 2.0	3

NRC TLD DOSES FOR SUSQUEHANNA AREA
(mR per 90 days)



THREE MILE ISLAND

TLD Direct Radiation Environmental Monitoring

For the period 930321-930720 122 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	95	5.9	19.0 +- 0.6; 2.9	17.2 +- 0.7; 4.1	16.1 +- 2.1
2	102	3.9	22.2 +- 0.7; 3.3	20.5 +- 0.8; 4.4	18.5 +- 2.0
3	110	2.7	Missing Dosimeter	No Net Data	14.4 +- 2.8
4	162	1.8	19.3 +- 0.6; 2.9	17.4 +- 0.7; 4.1	15.6 +- 2.1
5	161	2.3	19.6 +- 0.6; 2.9	17.8 +- 0.7; 4.1	15.6 +- 2.0
6	152	1.1	19.2 +- 0.6; 2.9	17.3 +- 0.7; 4.1	16.4 +- 1.9
7	123	0.5	17.1 +- 0.5; 2.6	15.2 +- 0.6; 3.9	14.6 +- 2.0
8	87	0.4	21.0 +- 0.6; 3.1	19.2 +- 0.7; 4.3	15.5 +- 2.3
9	61	0.5	17.8 +- 0.5; 2.7	15.9 +- 0.6; 3.9	15.1 +- 1.8
10	1	1.7	18.2 +- 0.5; 2.7	16.3 +- 0.6; 4.0	15.2 +- 2.2
11	27	0.8	18.4 +- 0.6; 2.8	16.5 +- 0.6; 4.0	15.2 +- 2.1
12	48	1.0	18.4 +- 0.6; 2.8	16.6 +- 0.6; 4.0	15.6 +- 2.2
13	19	2.0	20.0 +- 0.6; 3.0	18.2 +- 0.7; 4.2	15.9 +- 2.1
14	358	2.4	17.5 +- 0.5; 2.6	15.6 +- 0.6; 3.9	14.5 +- 2.1
15	132	9.0	20.3 +- 0.6; 3.0	18.5 +- 0.7; 4.2	18.3 +- 2.3
16	0	3.0	17.1 +- 0.5; 2.6	15.2 +- 0.6; 3.9	14.6 +- 2.3
18	347	3.5	22.1 +- 0.7; 3.3	20.3 +- 0.7; 4.4	18.2 +- 2.3
19	343	3.1	19.9 +- 0.6; 3.0	18.1 +- 0.7; 4.2	16.6 +- 2.0
20	318	5.0	18.9 +- 0.6; 2.8	17.1 +- 0.7; 4.1	15.2 +- 2.1
21	348	2.7	15.9 +- 0.5; 2.4	13.9 +- 0.6; 3.7	12.6 +- 2.1
22	17	3.1	19.0 +- 0.6; 2.8	17.1 +- 0.7; 4.1	16.0 +- 1.9
23	64	3.7	16.1 +- 0.5; 2.4	14.1 +- 0.6; 3.8	13.0 +- 2.1
24	44	3.6	19.6 +- 0.6; 2.9	17.7 +- 0.7; 4.1	16.9 +- 2.2
25	327	0.4	12.8 +- 0.4; 1.9	10.7 +- 0.5; 3.4	13.4 +- 2.5
27	7	7.1	23.2 +- 0.7; 3.5	21.5 +- 0.8; 4.6	20.4 +- 2.3
29	293	0.4	15.5 +- 0.5; 2.3	13.5 +- 0.6; 3.7	16.2 +- 2.5
30	314	1.1	17.0 +- 0.5; 2.6	15.1 +- 0.6; 3.9	17.4 +- 2.1
31	303	8.6	17.1 +- 0.5; 2.6	15.1 +- 0.6; 3.9	14.0 +- 1.9
32	297	7.6	19.7 +- 0.6; 2.9	17.8 +- 0.7; 4.1	17.3 +- 2.0
33	302	5.8	15.8 +- 0.5; 2.4	13.9 +- 0.6; 3.7	13.9 +- 2.1
34	296	2.3	19.8 +- 0.6; 3.0	17.9 +- 0.7; 4.2	16.3 +- 2.3
35	308	1.8	19.2 +- 0.6; 2.9	17.4 +- 0.7; 4.1	16.4 +- 1.9
36	265	1.2	16.0 +- 0.5; 2.4	14.0 +- 0.6; 3.7	12.9 +- 2.2
37	256	1.4	17.2 +- 0.5; 2.6	15.2 +- 0.6; 3.9	13.7 +- 2.1
38	225	1.9	19.3 +- 0.6; 2.9	17.5 +- 0.7; 4.1	17.0 +- 1.8
39	204	2.0	16.4 +- 0.5; 2.5	14.5 +- 0.6; 3.8	13.2 +- 2.1
40	202	2.5	17.4 +- 0.5; 2.6	15.5 +- 0.6; 3.9	14.7 +- 2.1
41	184	12.6	19.6 +- 0.6; 2.9	17.7 +- 0.7; 4.1	16.3 +- 2.5
42	259	7.4	19.6 +- 0.6; 2.9	17.8 +- 0.7; 4.1	16.0 +- 1.9
43	268	6.2	18.4 +- 0.6; 2.8	16.5 +- 0.6; 4.0	17.1 +- 3.0
44	249	4.3	17.8 +- 0.5; 2.7	16.0 +- 0.6; 3.9	15.0 +- 2.1
45	221	0.5	12.2 +- 0.4; 1.8	10.1 +- 0.5; 3.4	14.0 +- 2.1
46	171	3.0	19.3 +- 0.6; 2.9	17.4 +- 0.7; 4.1	15.0 +- 2.7
47	177	5.7	17.3 +- 0.5; 2.6	15.4 +- 0.6; 3.9	15.5 +- 2.2
48	181	9.1	24.0 +- 0.7; 3.6	22.3 +- 0.8; 4.7	22.2 +- 2.6
49	199	1.0	14.0 +- 0.4; 2.1	11.9 +- 0.5; 3.5	15.4 +- 2.0
50	145	4.9	21.7 +- 0.7; 3.3	19.9 +- 0.7; 4.4	16.9 +- 3.1

Transit Dose = 2.4 +- 0.3; 2.7

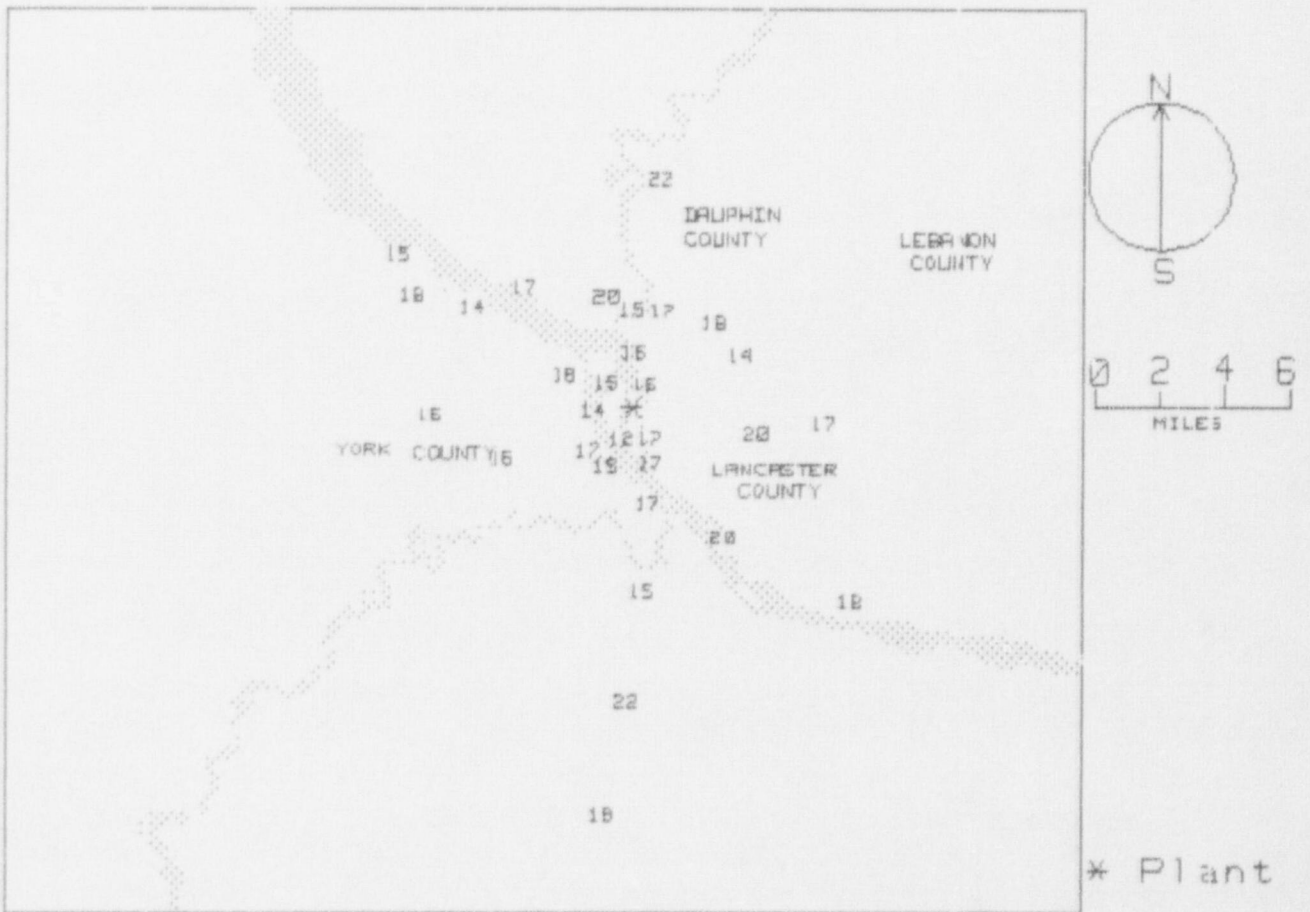
THREE MILE ISLAND
For the period 930321-930720

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 +- 2.9	4
11.26 - 33.75 NNE	17.3 +- 0.9	3
33.76 - 56.25 NE	17.1 +- 0.8	2
56.26 - 78.75 ENE	15.0 +- 1.3	2
78.76 - 101.25 E	18.2 +- 1.4	2
101.26 - 123.75 ESE	17.8 +- 3.7	2
123.76 - 146.25 SE	19.2 +- 1.0	2
146.26 - 168.75 SSE	17.5 +- 0.2	3
168.76 - 191.25 S	18.2 +- 2.9	4
191.26 - 213.75 SSW	14.0 +- 1.8	3
213.76 - 236.25 SW	13.8 +- 5.2	2
236.26 - 258.75 WSW	16.0 +- 0.0	1
258.76 - 281.25 W	17.1 +- 0.9	2
281.26 - 303.75 WNW	15.7 +- 2.1	5
303.76 - 326.25 NW	16.1 +- 1.4	2
326.26 - 348.75 NNW	15.8 +- 4.3	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.4 +- 2.6	16
2 - 5	17.1 +- 2.0	16
> 5	17.6 +- 2.5	11
Upwind Control	15.6 +- 1.7	3

NRC TLD DOSES FOR TMI AREA
(mR per 90 days)



TROJAN

TLD Direct Radiation Environmental Monitoring

For the period 930322-930721 122 Days

Field Time: 86 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	340	0.6	18.1	+- 0.5; 2.7	13.2	+- 0.7; 4.2	12.2	+- 1.1
2	334	1.5	20.0	+- 0.6; 3.0	15.2	+- 0.7; 4.4	14.7	+- 0.9
3	340	1.7	17.6	+- 0.5; 2.6	12.7	+- 0.7; 4.1	11.8	+- 0.8
4	328	3.9	17.4	+- 0.5; 2.6	12.5	+- 0.7; 4.1	12.7	+- 1.1
5	308	4.6	Missing Dosimeter		No Net Data		14.3	+- 1.2
6	312	4.5	Missing Dosimeter		No Net Data		15.1	+- 1.8
7	267	4.6	19.7	+- 0.6; 3.0	14.9	+- 0.7; 4.4	14.7	+- 0.9
8	274	3.8	21.0	+- 0.6; 3.1	16.2	+- 0.8; 4.5	15.4	+- 1.1
9	279	1.7	20.6	+- 0.6; 3.1	15.8	+- 0.8; 4.5	14.5	+- 1.3
10	263	2.0	19.9	+- 0.6; 3.0	15.1	+- 0.7; 4.4	15.2	+- 0.9
11	245	1.6	20.3	+- 0.6; 3.1	15.6	+- 0.8; 4.4	16.2	+- 1.7
12	223	1.2	20.5	+- 0.6; 3.1	15.7	+- 0.8; 4.5	16.5	+- 1.5
13	196	1.1	19.7	+- 0.6; 3.0	14.9	+- 0.7; 4.4	15.3	+- 1.0
14	180	1.2	19.3	+- 0.6; 2.9	14.5	+- 0.7; 4.3	14.4	+- 1.1
15	165	1.7	16.2	+- 0.5; 2.4	11.2	+- 0.6; 4.0	13.4	+- 1.4
16	212	3.9	19.7	+- 0.6; 3.0	14.9	+- 0.7; 4.4	16.1	+- 2.2
17	230	3.5	18.9	+- 0.6; 2.8	14.0	+- 0.7; 4.3	15.9	+- 1.3
18	162	9.3	20.7	+- 0.6; 3.1	15.9	+- 0.8; 4.5	15.8	+- 1.3
19	172	5.0	19.5	+- 0.6; 2.9	14.6	+- 0.7; 4.3	16.1	+- 1.5
20	334	5.8	17.8	+- 0.5; 2.7	12.9	+- 0.7; 4.2	12.9	+- 1.3
21	345	5.5	18.3	+- 0.6; 2.8	13.5	+- 0.7; 4.2	13.5	+- 1.3
22	356	5.5	17.8	+- 0.5; 2.7	12.9	+- 0.7; 4.2	12.5	+- 1.4
23	8	3.9	17.4	+- 0.5; 2.6	12.5	+- 0.7; 4.1	12.1	+- 1.4
24	15	3.7	17.4	+- 0.5; 2.6	12.5	+- 0.7; 4.1	13.3	+- 1.3
25	27	1.9	17.3	+- 0.5; 2.6	12.4	+- 0.7; 4.1	12.2	+- 1.3
26	37	2.1	19.0	+- 0.6; 2.8	14.1	+- 0.7; 4.3	14.9	+- 1.5
27	60	2.9	19.0	+- 0.6; 2.9	14.2	+- 0.7; 4.3	15.1	+- 1.3
28	55	4.5	18.1	+- 0.5; 2.7	13.2	+- 0.7; 4.2	13.7	+- 1.7
29	69	1.6	17.2	+- 0.5; 2.6	12.3	+- 0.7; 4.1	13.1	+- 2.1
30	83	3.9	17.7	+- 0.5; 2.7	12.8	+- 0.7; 4.2	12.7	+- 1.3
31	93	2.7	19.3	+- 0.6; 2.9	14.5	+- 0.7; 4.3	15.4	+- 1.4
32	119	2.2	19.8	+- 0.6; 3.0	15.0	+- 0.7; 4.4	15.5	+- 1.4
33	106	5.3	17.7	+- 0.5; 2.7	12.8	+- 0.7; 4.2	14.8	+- 2.8
34	134	2.5	17.1	+- 0.5; 2.6	12.2	+- 0.7; 4.1	12.5	+- 1.3
35	145	4.7	17.8	+- 0.5; 2.7	12.9	+- 0.7; 4.2	13.0	+- 1.3
36	270	17.0	18.2	+- 0.5; 2.7	13.3	+- 0.7; 4.2	15.6	+- 2.4
37	270	17.0	18.8	+- 0.6; 2.8	13.9	+- 0.7; 4.3	16.7	+- 2.3
38	270	17.0	19.9	+- 0.6; 3.0	15.1	+- 0.7; 4.4	16.4	+- 1.5

Transit Dose = 5.5 +- 0.4; 3.0

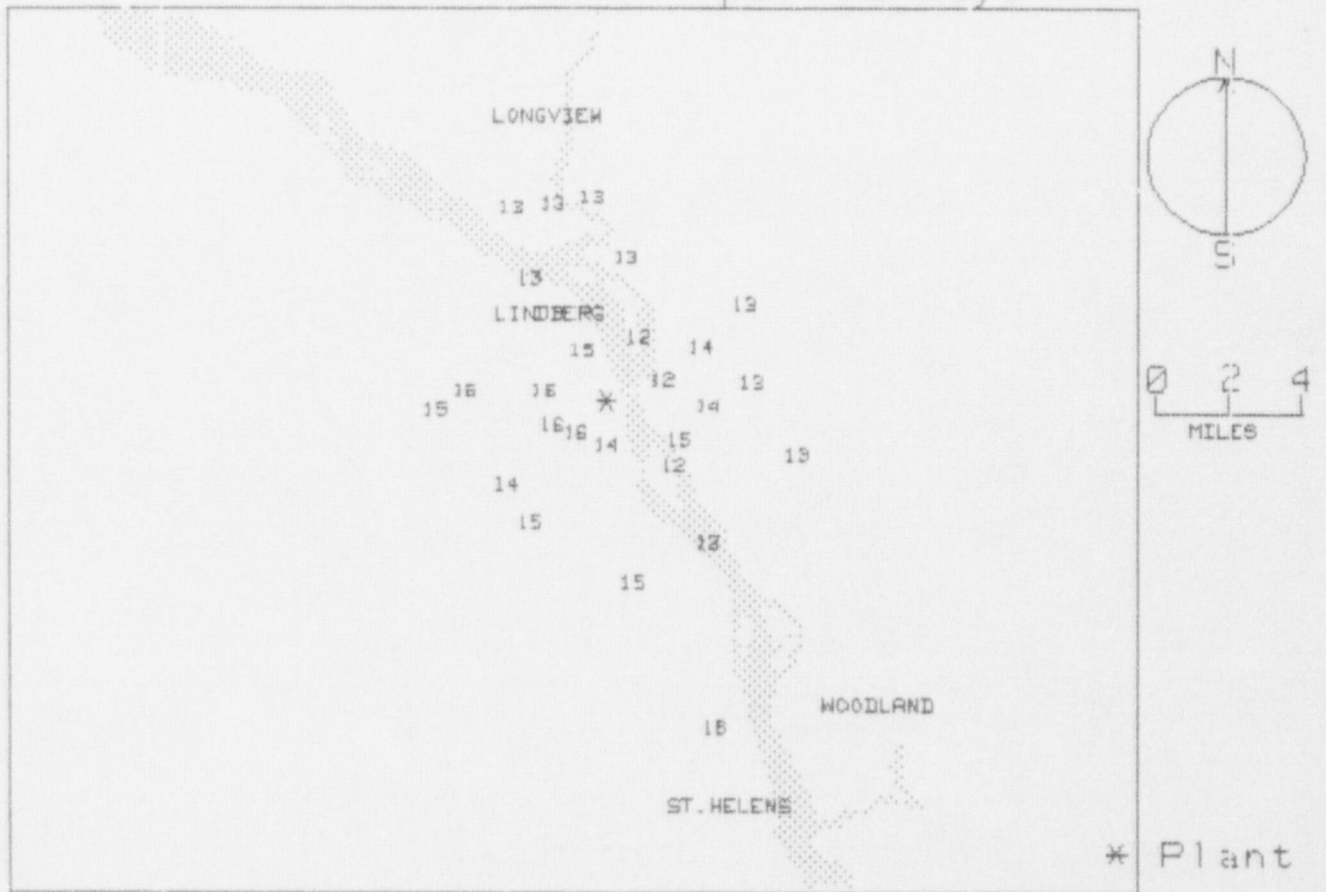
TROJAN
For the period 930322-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.7 +- 0.3	2
11.26 - 33.75 NNE	12.4 +- 0.1	2
33.76 - 56.25 NE	13.7 +- 0.6	2
56.26 - 78.75 FNE	13.2 +- 1.3	2
78.76 - 101.25 E	13.6 +- 1.2	2
101.26 - 123.75 ESE	13.9 +- 1.5	2
123.76 - 146.25 SE	12.6 +- 0.5	2
146.26 - 168.75 SSE	13.5 +- 3.3	2
168.76 - 191.25 S	14.5 +- 0.1	2
191.26 - 213.75 SSW	14.9 +- 0.0	2
213.76 - 236.25 SW	14.9 +- 1.2	2
236.26 - 258.75 WSW	15.6 +- 0.0	1
258.76 - 281.25 W	15.5 +- 0.6	4
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	13.3 +- 1.0	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.0 +- 1.6	12
2 - 5	13.8 +- 1.2	16
> 5	13.6 +- 1.3	5
Upwind Control	14.1 +- 0.9	3

NRC TLD DOSES FOR TROJAN AREA
(mR per 90 days)



TURKEY POINT

TLD Direct Radiation Environmental Monitoring

For the period 930323-930720 120 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 1.3	14.4 +- 0.4; 2.2	11.2 +- 0.6; 3.7	11.9 +- 3.6
2	292 2.4	13.2 +- 0.4; 2.0	9.9 +- 0.5; 3.6	12.2 +- 3.8
3	340 1.9	15.4 +- 0.5; 2.3	12.3 +- 0.6; 3.8	12.4 +- 4.0
4	354 2.0	15.2 +- 0.5; 2.3	12.1 +- 0.6; 3.8	12.4 +- 4.1
5	314 3.8	14.6 +- 0.4; 2.2	11.4 +- 0.6; 3.7	12.0 +- 3.7
6	331 4.2	Missing Dosimeter	No Net Data	11.4 +- 3.6
7	291 5.4	13.8 +- 0.4; 2.1	10.6 +- 0.6; 3.7	12.3 +- 4.0
8	263 5.1	12.6 +- 0.4; 1.9	9.4 +- 0.5; 3.6	11.0 +- 3.3
9	242 5.7	14.1 +- 0.4; 2.1	10.9 +- 0.6; 3.7	11.8 +- 4.3
10	234 6.2	14.3 +- 0.4; 2.1	11.1 +- 0.6; 3.7	12.4 +- 4.0
11	220 6.2	14.1 +- 0.4; 2.1	10.9 +- 0.6; 3.7	12.0 +- 4.3
12	213 6.9	13.9 +- 0.4; 2.1	10.7 +- 0.6; 3.7	11.7 +- 3.7
13	199 10.0	14.8 +- 0.4; 2.2	11.7 +- 0.6; 3.8	12.3 +- 3.8
14	90 10.0	13.6 +- 0.4; 2.0	10.4 +- 0.6; 3.6	11.8 +- 3.8
15	180 10.0	16.0 +- 0.5; 2.4	12.9 +- 0.6; 3.9	13.9 +- 3.9
16	171 10.0	16.0 +- 0.5; 2.4	12.9 +- 0.6; 3.9	13.9 +- 4.0
17	165 9.0	15.5 +- 0.5; 2.3	12.4 +- 0.6; 3.8	13.4 +- 3.9
18	203 16.0	15.3 +- 0.5; 2.3	12.2 +- 0.6; 3.8	12.7 +- 3.7
19	203 16.0	15.0 +- 0.4; 2.2	11.9 +- 0.6; 3.8	12.8 +- 3.9
20	203 16.0	14.7 +- 0.4; 2.2	11.6 +- 0.6; 3.8	14.0 +- 3.5
21	268 8.7	12.4 +- 0.4; 1.9	9.1 +- 0.5; 3.5	11.1 +- 3.8
22	256 8.0	14.2 +- 0.4; 2.1	11.0 +- 0.6; 3.7	12.7 +- 3.8
23	275 9.0	13.0 +- 0.4; 2.0	9.8 +- 0.5; 3.6	12.1 +- 4.0
24	285 9.0	16.5 +- 0.5; 2.5	13.5 +- 0.6; 3.9	14.2 +- 4.1
25	293 8.7	16.3 +- 0.5; 2.4	13.2 +- 0.6; 3.9	14.6 +- 3.7
26	301 8.4	15.6 +- 0.5; 2.3	12.5 +- 0.6; 3.8	13.9 +- 3.6
27	311 8.3	15.4 +- 0.5; 2.3	12.3 +- 0.6; 3.8	12.7 +- 3.6
28	327 8.2	Missing Dosimeter	No Net Data	14.2 +- 3.7
29	339 9.3	15.5 +- 0.5; 2.3	12.4 +- 0.6; 3.8	13.6 +- 3.9
30	350 8.7	14.3 +- 0.4; 2.1	11.2 +- 0.6; 3.7	12.8 +- 3.7
31	359 9.9	15.7 +- 0.5; 2.4	12.6 +- 0.6; 3.9	13.0 +- 3.6
32	2 18.0	16.4 +- 0.5; 2.5	13.3 +- 0.6; 3.9	13.5 +- 3.8
33	2 22.0	16.5 +- 0.5; 2.5	13.5 +- 0.6; 3.9	13.6 +- 3.7
34	18 24.0	14.5 +- 0.4; 2.2	11.4 +- 0.6; 3.7	13.8 +- 4.1
35	28 22.0	13.6 +- 0.4; 2.0	10.3 +- 0.6; 3.6	13.4 +- 4.4
36	15 0.3	13.1 +- 0.4; 2.0	9.8 +- 0.5; 3.6	11.9 +- 3.8
37	228 0.5	16.0 +- 0.5; 2.4	12.9 +- 0.6; 3.9	13.5 +- 4.0

Transit Dose = 3.8 +- 0.3; 2.8

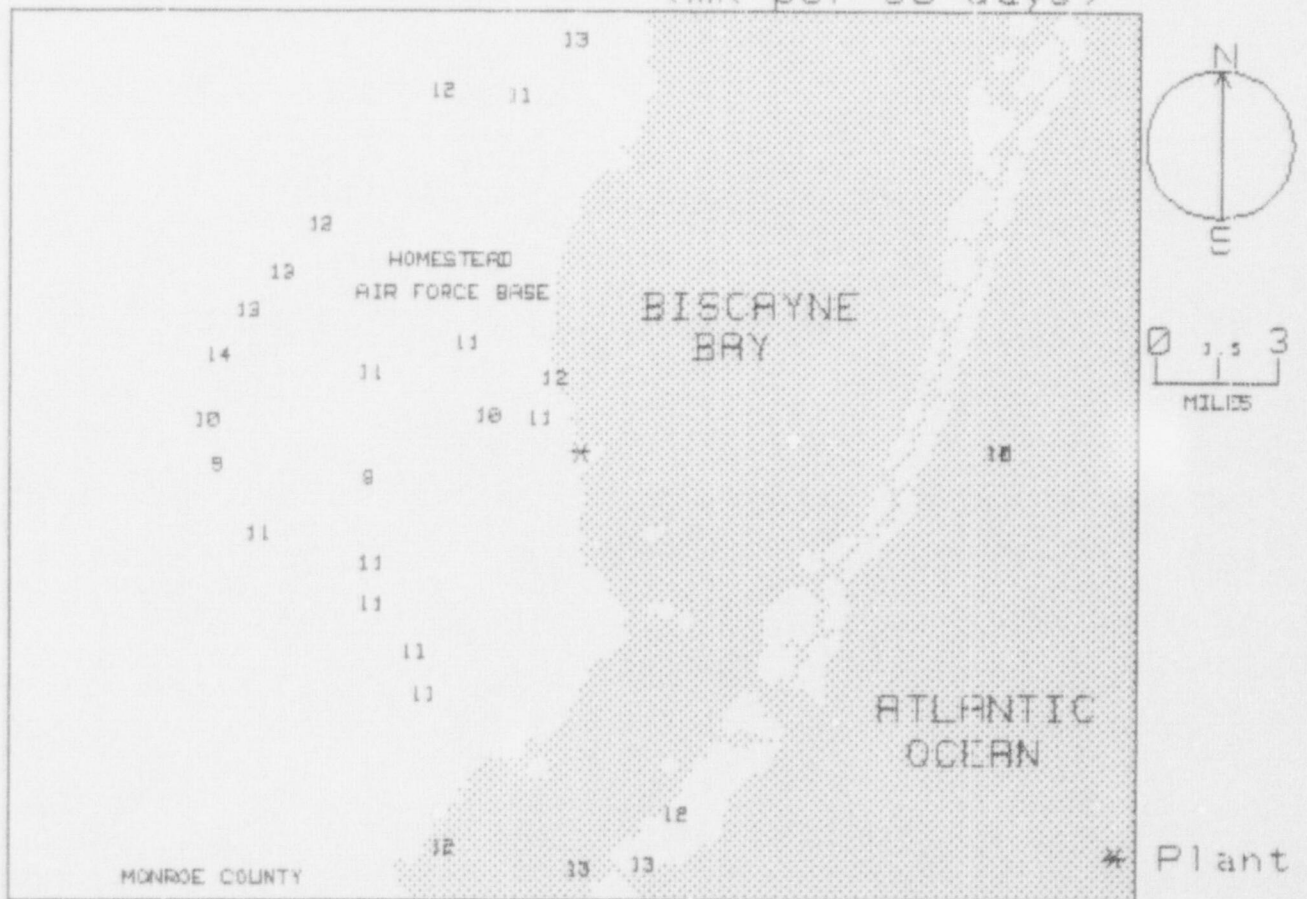
TURKEY POINT
For the period 930323-930720

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.5 +- 1.0	5
11.26 - 33.75 NNE	10.5 +- 0.8	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	10.4 +- 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	12.4 +- 0.0	1
168.76 - 191.25 S	12.9 +- 0.0	2
191.26 - 213.75 SSW	11.2 +- 0.7	2
213.76 - 236.25 SW	11.6 +- 1.1	3
236.26 - 258.75 WSW	11.0 +- 0.0	2
258.76 - 281.25 W	9.4 +- 0.3	3
281.26 - 303.75 WNW	11.9 +- 1.6	5
303.76 - 326.25 NW	11.7 +- 0.6	3
326.26 - 348.75 NNW	12.3 +- 0.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.7 +- 1.2	5
2 - 5	10.7 +- 1.1	2
> 5	11.6 +- 1.3	25
Upwind Control	11.9 +- 0.3	3

NRC TLD DOSES FOR TURKEY POINT AREA
(mR per 90 days)



VERMONT YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 930324-930722 121 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	142	1.0	18.6	+- 0.6; 2.8	16.4	+- 0.6; 3.9	16.0	+- 3.3
2	158	1.0	18.8	+- 0.6; 2.8	16.5	+- 0.6; 3.9	16.8	+- 1.8
3	184	1.3	17.2	+- 0.5; 2.6	15.0	+- 0.6; 3.7	16.3	+- 1.6
4	201	1.4	18.7	+- 0.6; 2.8	16.4	+- 0.6; 3.9	16.8	+- 1.9
5	220	1.6	19.7	+- 0.6; 3.0	17.4	+- 0.6; 4.0	16.8	+- 2.0
6	157	3.4	22.7	+- 0.7; 3.4	20.3	+- 0.7; 4.3	16.7	+- 2.3
7	189	4.9	19.5	+- 0.6; 2.9	17.2	+- 0.6; 4.0	16.6	+- 1.8
8	201	13.0	18.6	+- 0.6; 2.8	16.4	+- 0.6; 3.9	16.3	+- 1.6
9	208	5.8	19.4	+- 0.6; 2.9	17.1	+- 0.6; 4.0	16.4	+- 1.8
10	232	3.7	21.1	+- 0.6; 3.2	18.8	+- 0.7; 4.1	18.9	+- 2.1
11	277	2.9	20.1	+- 0.6; 3.0	17.8	+- 0.7; 4.0	17.5	+- 2.0
12	292	1.4	20.2	+- 0.6; 3.0	17.9	+- 0.7; 4.0	17.3	+- 2.1
13	314	1.4	19.4	+- 0.6; 2.9	17.1	+- 0.6; 4.0	16.6	+- 1.9
14	310	4.2	18.2	+- 0.5; 2.7	16.0	+- 0.6; 3.8	16.5	+- 1.5
15	299	4.3	18.4	+- 0.6; 2.8	16.1	+- 0.6; 3.9	16.1	+- 3.1
16	270	4.5	16.7	+- 0.5; 2.5	14.5	+- 0.6; 3.7	15.0	+- 1.8
17	331	5.0	19.2	+- 0.6; 2.9	17.0	+- 0.6; 3.9	17.3	+- 1.6
18	290	19.0	21.6	+- 0.6; 3.2	19.2	+- 0.7; 4.2	18.8	+- 1.9
19	290	19.0	19.3	+- 0.6; 2.9	17.1	+- 0.6; 4.0	18.4	+- 2.0
20	290	19.0	21.0	+- 0.6; 3.1	18.7	+- 0.7; 4.1	18.5	+- 2.0
21	359	3.2	19.2	+- 0.6; 2.9	16.9	+- 0.6; 3.9	17.0	+- 1.7
23	334	2.2	19.1	+- 0.6; 2.9	16.8	+- 0.6; 3.9	16.4	+- 1.8
24	4	0.9	19.7	+- 0.6; 2.9	17.4	+- 0.6; 4.0	17.1	+- 1.7
25	30	1.0	18.8	+- 0.6; 2.8	16.6	+- 0.6; 3.9	16.0	+- 1.8
26	72	1.5	19.7	+- 0.6; 3.0	17.4	+- 0.6; 4.0	17.5	+- 1.7
27	44	0.7	19.6	+- 0.6; 2.9	17.3	+- 0.6; 4.0	16.7	+- 1.8
28	39	2.8	20.6	+- 0.6; 3.1	18.3	+- 0.7; 4.1	18.2	+- 2.5
29	25	3.8	21.9	+- 0.7; 3.3	19.6	+- 0.7; 4.2	19.7	+- 2.1
30	72	2.7	21.1	+- 0.6; 3.2	18.8	+- 0.7; 4.2	19.1	+- 2.8
31	85	2.0	20.0	+- 0.6; 3.0	17.7	+- 0.7; 4.0	17.1	+- 1.9
32	111	1.8	18.8	+- 0.6; 2.8	16.6	+- 0.6; 3.9	16.8	+- 1.8
33	134	4.0	18.7	+- 0.6; 2.8	16.4	+- 0.6; 3.9	16.7	+- 1.7
34	151	6.0	17.4	+- 0.5; 2.6	15.1	+- 0.6; 3.8	14.9	+- 1.6
35	111	4.3	21.1	+- 0.6; 3.2	18.8	+- 0.7; 4.1	18.9	+- 1.8
36	92	4.7	22.3	+- 0.7; 3.3	20.0	+- 0.7; 4.3	19.3	+- 2.0
37	50	15.0	23.7	+- 0.7; 3.6	21.3	+- 0.7; 4.4	20.8	+- 1.5
39	222	0.3	20.3	+- 0.6; 3.0	18.0	+- 0.7; 4.1	18.4	+- 1.7
40	250	3.0	20.3	+- 0.6; 3.0	18.0	+- 0.7; 4.1	17.2	+- 1.8

Transit Dose = 1.9 +- 0.3; 2.8

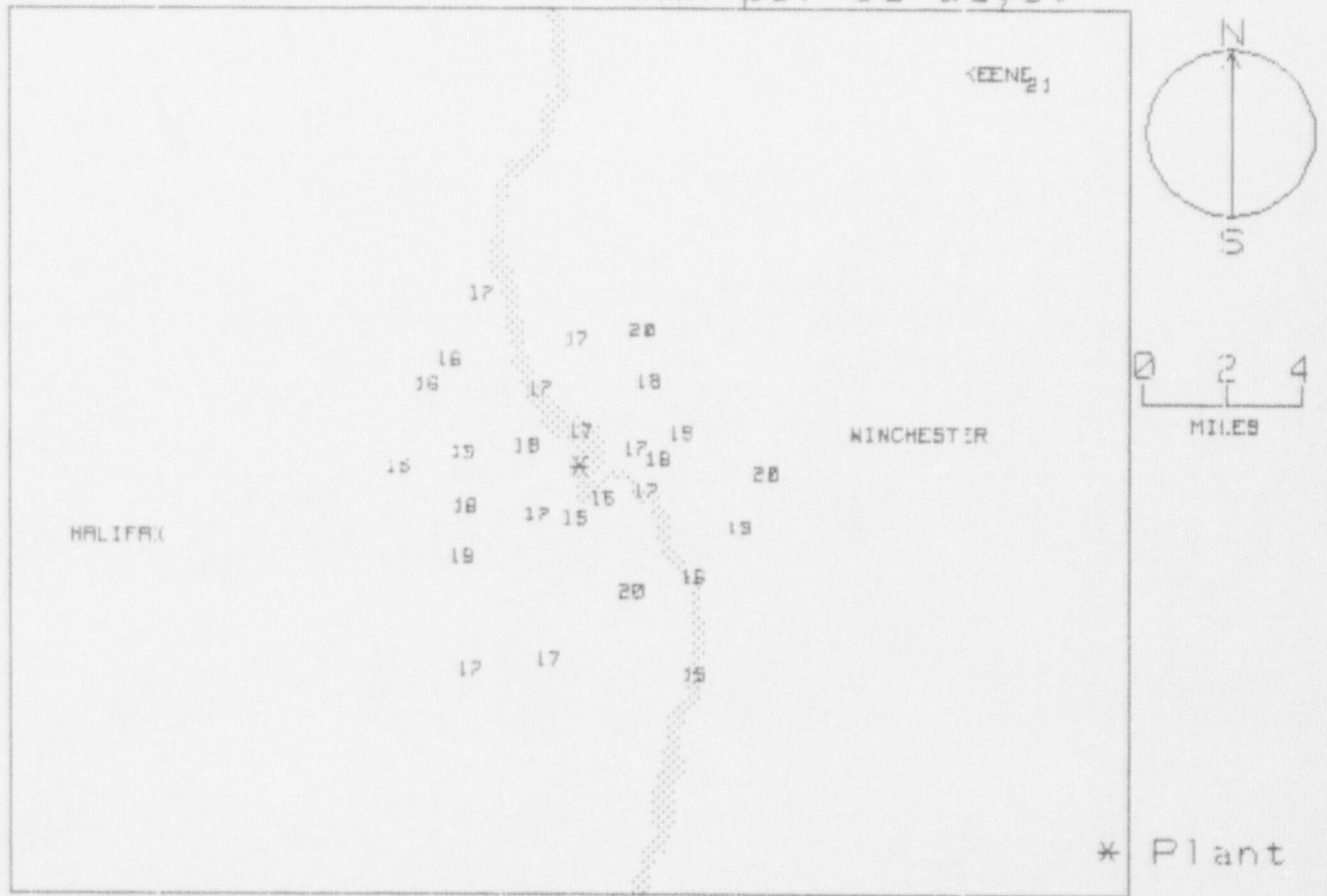
VERMONT YANKEE
For the period 930324-930722

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 +- 0.3	2
11.26 - 33.75 NNE	18.1 +- 2.1	2
33.76 - 56.25 NE	21.3 +- 0.0	1
56.26 - 78.75 ENE	18.8 +- 0.0	1
78.76 - 101.25 E	18.8 +- 1.6	2
101.26 - 123.75 ESE	17.7 +- 1.6	2
123.76 - 146.25 SE	16.4 +- 0.0	2
146.26 - 168.75 SSE	17.3 +- 2.7	3
168.76 - 191.25 S	16.1 +- 1.6	2
191.26 - 213.75 SSW	16.6 +- 0.4	3
213.76 - 236.25 SW	18.1 +- 0.7	3
236.26 - 258.75 WSW	18.0 +- 0.0	1
258.76 - 281.25 W	16.2 +- 2.3	2
281.26 - 303.75 WNW	17.8 +- 1.2	5
303.76 - 326.25 NW	16.5 +- 0.8	2
326.26 - 348.75 NNW	16.9 +- 0.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.9 +- 0.9	12
2 - 5	17.7 +- 1.6	16
> 5	17.8 +- 2.1	7
Upwind Control	17.7 +- 0.5	3

NRC TLD DOSES FOR VERMONT YANKEE AREA
(mR per 90 days)



VOGTLE (GA)
 TLD Direct Radiation Environmental Monitoring
 For the period 930323-930728 128 Days
 Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	298	1.6	19.1	+- 0.6; 2.9	12.8	+- 0.7; 4.2	14.3	+- 1.8
2	309	1.6	19.0	+- 0.6; 2.8	12.7	+- 0.7; 4.1	14.2	+- 2.1
3	336	1.4	18.4	+- 0.6; 2.8	12.1	+- 0.7; 4.1	14.3	+- 2.7
4	270	1.3	18.8	+- 0.6; 2.8	12.6	+- 0.7; 4.1	14.1	+- 2.1
5	247	1.2	20.3	+- 0.6; 3.0	13.9	+- 0.7; 4.3	14.7	+- 1.9
6	215	1.2	22.5	+- 0.7; 3.4	16.1	+- 0.8; 4.5	18.2	+- 2.0
7	205	1.2	25.8	+- 0.8; 3.9	19.3	+- 0.8; 4.9	17.3	+- 1.7
8	180	1.1	24.0	+- 0.7; 3.6	17.6	+- 0.8; 4.7	17.2	+- 1.7
9	153	1.2	21.9	+- 0.7; 3.3	15.5	+- 0.7; 4.4	15.7	+- 2.1
10	134	3.2	21.3	+- 0.6; 3.2	14.9	+- 0.7; 4.4	17.3	+- 1.9
11	103	1.1	17.2	+- 0.5; 2.6	11.0	+- 0.6; 4.0	12.9	+- 3.1
12	134	3.3	19.9	+- 0.6; 3.0	13.6	+- 0.7; 4.2	14.9	+- 2.0
13	123	4.2	19.5	+- 0.6; 2.9	13.2	+- 0.7; 4.2	15.3	+- 1.7
14	141	4.6	17.0	+- 0.5; 2.6	10.8	+- 0.6; 4.0	14.4	+- 3.7
15	153	5.3	17.8	+- 0.5; 2.7	11.5	+- 0.6; 4.0	13.2	+- 1.8
16	162	6.3	20.8	+- 0.6; 3.1	14.4	+- 0.7; 4.3	15.3	+- 2.4
17	157	7.3	20.5	+- 0.6; 3.1	14.2	+- 0.7; 4.3	18.3	+- 2.4
18	191	4.8	18.7	+- 0.6; 2.8	12.4	+- 0.7; 4.1	13.7	+- 1.9
19	208	4.7	18.2	+- 0.5; 2.7	11.9	+- 0.7; 4.1	13.0	+- 2.1
20	232	4.9	18.5	+- 0.6; 2.8	12.2	+- 0.7; 4.1	13.7	+- 2.1
21	250	5.6	20.8	+- 0.6; 3.1	14.4	+- 0.7; 4.3	14.5	+- 2.0
22	264	4.3	18.5	+- 0.6; 2.8	12.2	+- 0.7; 4.1	14.2	+- 2.1
23	301	4.2	Missing Dosimeter		No Net Data		14.7	+- 2.0
24	308	4.6	Missing Dosimeter		No Net Data		14.7	+- 2.7
25	329	6.7	20.7	+- 0.6; 3.1	14.4	+- 0.7; 4.3	16.5	+- 3.2
26	258	15.0	22.5	+- 0.7; 3.4	16.1	+- 0.8; 4.5	17.4	+- 2.3
27	300	13.0	23.8	+- 0.7; 3.6	17.4	+- 0.8; 4.6	17.1	+- 1.5
28	330	30.0	19.8	+- 0.6; 3.0	13.5	+- 0.7; 4.2	14.4	+- 2.2

Transit Dose = 5.9 +- 0.4; 3.2

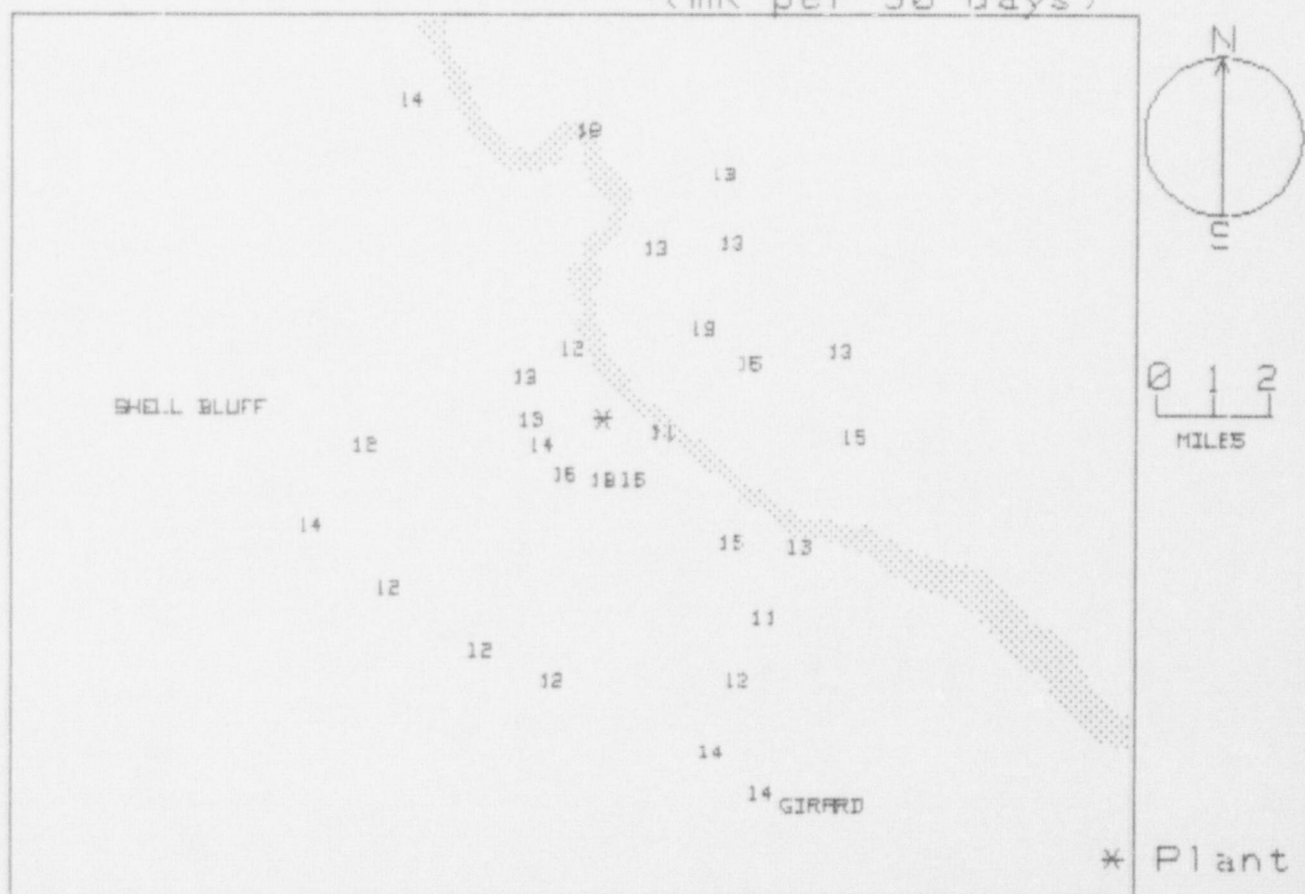
VOGTLE (GA)
For the period 930323-930728

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	12.1 +- 1.5	2
123.76 - 146.25 SE	13.1 +- 2.1	3
146.26 - 168.75 SSE	13.9 +- 1.7	4
168.76 - 191.25 S	15.0 +- 3.7	2
191.26 - 213.75 SSW	15.6 +- 5.2	2
213.76 - 236.25 SW	14.2 +- 2.7	2
236.26 - 258.75 WSW	14.2 +- 0.4	2
258.76 - 281.25 W	12.4 +- 0.2	2
281.26 - 303.75 WNW	12.8 +- 0.0	1
303.76 - 326.25 NW	12.7 +- 0.0	1
326.26 - 348.75 NNW	13.2 +- 1.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.4 +- 2.7	10
2 - 5	12.7 +- 1.2	8
> 5	13.8 +- 1.3	5
Upwind Control	15.6 +- 2.0	3

NRC TLD DOSES FOR VOGTLE AREA
(mR per 90 days)



VOGTLE (SC)

TLD Direct Radiation Environmental Monitoring

For the period 930323-930728 128 Days

Field Time: 93 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
31	357	5.2	23.7 +- 0.7; 3.5	17.5 +- 0.8; 4.6	17.4 +- 4.1
32	26	4.9	19.0 +- 0.6; 2.8	13.0 +- 0.7; 4.1	12.1 +- 2.8
33	17	3.2	18.9 +- 0.6; 2.8	12.9 +- 0.7; 4.1	12.5 +- 2.6
34	36	3.9	18.9 +- 0.6; 2.8	12.9 +- 0.7; 4.1	13.9 +- 2.5
35	48	2.4	25.3 +- 0.8; 3.8	19.1 +- 0.8; 4.8	18.4 +- 3.0
36	69	2.8	21.9 +- 0.7; 3.3	15.8 +- 0.7; 4.4	14.3 +- 2.9
37	74	4.4	19.5 +- 0.6; 2.9	13.5 +- 0.7; 4.2	14.0 +- 4.6
38	94	4.5	20.8 +- 0.6; 3.1	14.8 +- 0.7; 4.3	13.4 +- 2.9

Transit Dose = 5.5 +- 0.4; 3.2

VOGTLE (SC)
For the period 930323-930728

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 +- 0.0	1
11.26 - 33.75 NNE	13.0 +- 0.1	2
33.76 - 56.25 NE	16.0 +- 4.4	2
56.26 - 78.75 ENE	14.6 +- 1.6	2
78.76 - 101.25 E	14.8 +- 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	14.6 +- 2.3	7
> 5	17.5 +- 0.0	1
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR VOGTLE AREA
(mR per 90 days)



WASHINGTON NUCLEAR 2

TLD Direct Radiation Environmental Monitoring

For the period 930322-020723 124 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/ (Deg)	Dist (Mi)	Exposure (mR)	+Rdm; Tot.	(mR/Std. Qtr.)	+Rdm; Tot.	Net Exp Rate	+1 Std Dev
1	174	12.0	21.1	+ 0.6; 3.2	17.1	+ 0.7; 4.2	17.9	+ 1.0
2	163	11.0	21.1	+ 0.6; 3.2	17.1	+ 0.7; 4.2	17.6	+ 1.1
3	161	9.0	20.4	+ 0.6; 3.1	16.4	+ 0.7; 4.2	17.3	+ 1.0
4	152	5.0	22.6	+ 0.7; 3.4	18.6	+ 0.7; 4.4	18.7	+ 1.1
5	195	2.0	21.7	+ 0.7; 3.3	17.7	+ 0.7; 4.3	17.8	+ 1.0
6	220	1.5	22.0	+ 0.7; 3.3	17.9	+ 0.7; 4.3	18.0	+ 1.5
7	92	3.0	24.1	+ 0.7; 3.6	20.0	+ 0.8; 4.6	19.1	+ 1.4
8	155	1.0	21.4	+ 0.6; 3.2	17.4	+ 0.7; 4.3	17.2	+ 1.5
9	130	0.5	21.8	+ 0.7; 3.3	17.8	+ 0.7; 4.3	18.1	+ 1.2
10	70	0.5	22.4	+ 0.7; 3.4	18.3	+ 0.7; 4.4	18.4	+ 1.5
11	25	0.8	22.9	+ 0.7; 3.4	18.9	+ 0.7; 4.4	18.3	+ 1.1
12	315	0.5	23.4	+ 0.7; 3.5	19.4	+ 0.8; 4.5	18.6	+ 1.5
13	290	0.5	26.6	+ 0.8; 4.0	22.5	+ 0.8; 4.9	22.1	+ 3.1
14	270	0.5	22.0	+ 0.7; 3.3	18.0	+ 0.7; 4.3	18.3	+ 1.3
15	245	1.8	22.9	+ 0.7; 3.4	18.8	+ 0.7; 4.4	18.5	+ 1.1
16	285	3.0	23.2	+ 0.7; 3.5	19.2	+ 0.8; 4.5	19.1	+ 1.4
17	240	4.0	21.1	+ 0.6; 3.2	17.1	+ 0.7; 4.2	17.3	+ 1.3
18	198	7.0	20.8	+ 0.6; 3.1	16.8	+ 0.7; 4.2	17.1	+ 1.5
19	173	8.5	22.4	+ 0.7; 3.4	18.4	+ 0.7; 4.4	18.3	+ 1.2
20	150	20.0	22.1	+ 0.7; 3.3	18.1	+ 0.7; 4.3	18.4	+ 1.1
21	114	7.0	21.6	+ 0.6; 3.2	17.5	+ 0.7; 4.3	18.8	+ 1.6
22	120	8.0	22.2	+ 0.7; 3.3	18.2	+ 0.7; 4.4	17.8	+ 1.1
23	134	6.0	24.6	+ 0.7; 3.7	20.5	+ 0.8; 4.6	20.0	+ 1.4
24	110	4.0	25.9	+ 0.8; 3.9	21.8	+ 0.8; 4.8	21.9	+ 1.4
25	85	5.0	22.7	+ 0.7; 3.4	18.7	+ 0.7; 4.4	18.7	+ 1.4
26	65	5.0	23.7	+ 0.7; 3.6	19.7	+ 0.8; 4.5	20.4	+ 1.6
27	53	4.0	22.2	+ 0.7; 3.3	18.2	+ 0.7; 4.4	17.9	+ 1.3
28	44	8.0	23.6	+ 0.7; 3.5	19.6	+ 0.8; 4.5	19.9	+ 1.7
29	33	10.0	22.3	+ 0.7; 3.3	18.2	+ 0.7; 4.4	18.3	+ 1.9
30	8	9.5	23.5	+ 0.7; 3.5	19.5	+ 0.8; 4.5	19.6	+ 1.6
31	215	15.0	21.7	+ 0.7; 3.3	17.7	+ 0.7; 4.3	17.5	+ 1.4

Transit Dose = 3.6 +- 0.3; 3.0

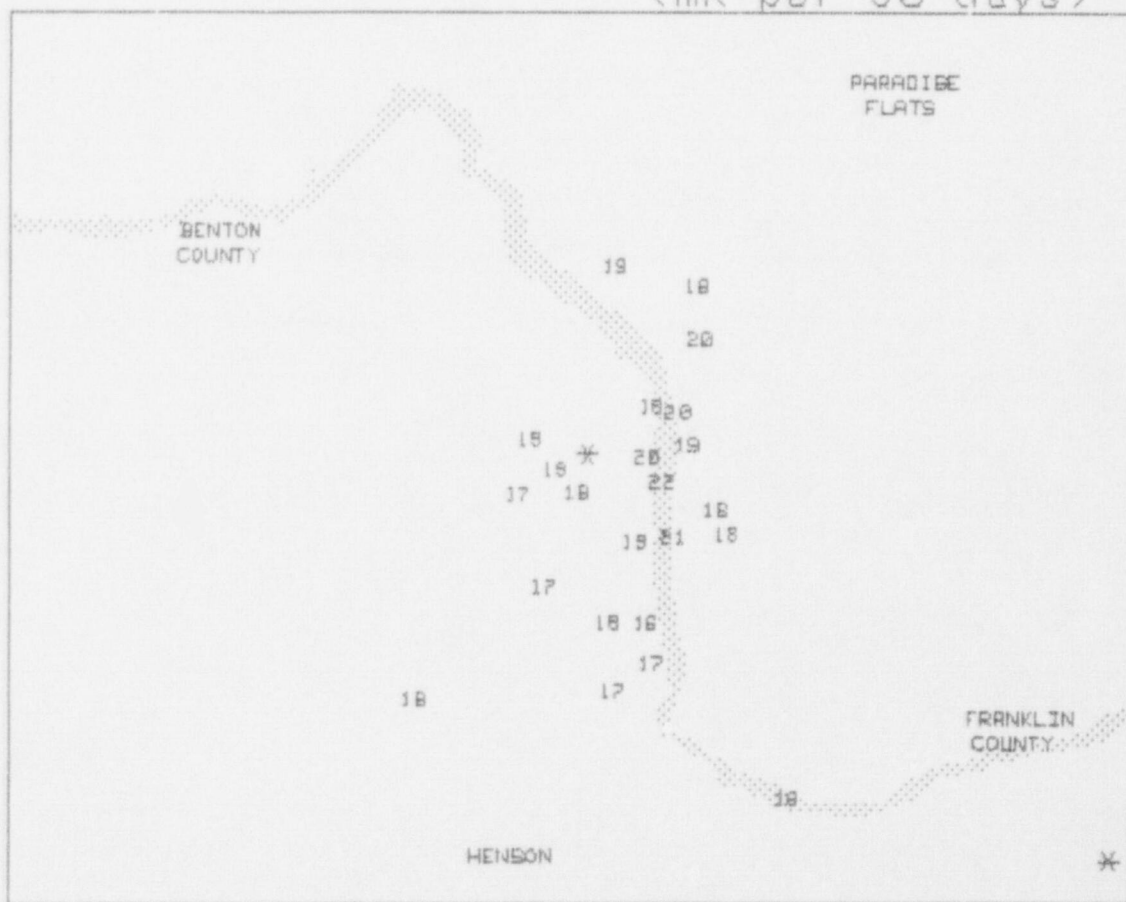
WASHINGTON NUCLEAR 2
For the period 930322-930723

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	18.6 +- 0.5	2
33.76 - 56.25 NE	18.9 +- 1.0	2
56.26 - 78.75 ENE	19.0 +- 1.0	2
78.76 - 101.25 E	19.4 +- 0.9	2
101.26 - 123.75 ESE	19.2 +- 2.3	3
123.76 - 146.25 SE	19.2 +- 1.9	2
146.26 - 168.75 SSE	17.5 +- 0.9	5
168.76 - 191.25 S	18.4 +- 0.0	1
191.26 - 213.75 SSW	17.3 +- 0.6	2
213.76 - 236.25 SW	17.9 +- 0.0	1
236.26 - 258.75 WSW	18.0 +- 1.3	2
258.76 - 281.25 W	18.0 +- 0.0	1
281.26 - 303.75 WNW	20.8 +- 2.3	2
303.76 - 326.25 NW	19.4 +- 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	18.7 +- 1.5	10
2 - 5	19.2 +- 1.4	8
> 5	18.2 +- 1.3	11
Upwind Control	17.4 +- 0.4	2

NRC TLD DOSES FOR WASHINGTON AREA (mR per 90 days)



* Plant

WATERFORD

TLD Direct Radiation Environmental Monitoring

For the period 930322-930729 130 Days

Field Time: 93 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	101	0.4	19.1 +- 0.6; 2.9	14.9 +- 0.6; 4.0	16.0 +- 2.6
2	116	1.1	16.7 +- 0.5; 2.5	12.5 +- 0.6; 3.8	16.0 +- 2.7
3	132	1.3	22.8 +- 0.7; 3.4	18.4 +- 0.7; 4.4	17.9 +- 2.8
4	160	1.8	18.6 +- 0.6; 2.8	14.4 +- 0.6; 4.0	15.9 +- 2.6
5	183	1.4	19.9 +- 0.6; 3.0	15.7 +- 0.7; 4.1	15.3 +- 2.4
6	202	1.2	17.7 +- 0.5; 2.7	13.6 +- 0.6; 3.9	16.2 +- 2.8
7	226	1.2	18.9 +- 0.6; 2.8	14.7 +- 0.6; 4.0	15.5 +- 2.4
8	248	1.3	21.2 +- 0.6; 3.2	16.9 +- 0.7; 4.2	17.4 +- 2.5
9	265	1.9	15.8 +- 0.5; 2.4	11.7 +- 0.6; 3.7	15.1 +- 2.8
10	186	4.2	20.7 +- 0.6; 3.1	16.4 +- 0.7; 4.2	17.2 +- 2.6
11	315	4.4	19.5 +- 0.6; 2.9	15.3 +- 0.7; 4.1	16.7 +- 2.6
12	328	4.1	20.9 +- 0.6; 3.1	16.6 +- 0.7; 4.2	17.3 +- 2.7
13	309	0.8	18.8 +- 0.6; 2.8	14.6 +- 0.6; 4.0	15.4 +- 2.5
14	273	0.9	19.5 +- 0.6; 2.9	15.3 +- 0.7; 4.1	17.8 +- 3.2
15	292	0.8	15.4 +- 0.5; 2.3	11.3 +- 0.6; 3.7	14.4 +- 2.7
16	335	0.5	17.0 +- 0.5; 2.5	12.8 +- 0.6; 3.8	13.9 +- 2.4
17	120	4.3	18.2 +- 0.5; 2.7	14.0 +- 0.6; 3.9	13.9 +- 2.6
18	145	3.5	17.2 +- 0.5; 2.6	13.1 +- 0.6; 3.8	14.5 +- 1.6
19	153	8.1	17.9 +- 0.5; 2.7	13.8 +- 0.6; 3.9	16.4 +- 2.8
20	133	8.1	19.0 +- 0.6; 2.8	14.8 +- 0.6; 4.0	16.5 +- 2.7
21	116	6.7	18.2 +- 0.5; 2.7	14.0 +- 0.6; 3.9	15.2 +- 2.8
22	95	4.3	18.4 +- 0.6; 2.8	14.2 +- 0.6; 3.9	15.7 +- 2.5
23	86	2.6	19.5 +- 0.6; 2.9	15.3 +- 0.7; 4.1	15.4 +- 2.7
24	66	4.2	21.3 +- 0.6; 3.2	17.0 +- 0.7; 4.2	18.5 +- 2.8
25	37	3.5	19.5 +- 0.6; 2.9	15.2 +- 0.7; 4.0	17.0 +- 2.7
26	23	3.8	17.8 +- 0.5; 2.7	13.7 +- 0.6; 3.9	14.5 +- 2.7
27	350	4.9	18.6 +- 0.6; 2.8	14.4 +- 0.6; 4.0	15.6 +- 2.6
28	335	5.0	18.3 +- 0.5; 2.7	14.1 +- 0.6; 3.9	16.1 +- 2.6
29	6	2.8	16.8 +- 0.5; 2.5	12.6 +- 0.6; 3.8	14.4 +- 2.8
30	356	1.1	21.4 +- 0.6; 3.2	17.2 +- 0.7; 4.3	15.4 +- 2.9
31	15	0.8	17.2 +- 0.5; 2.6	13.1 +- 0.6; 3.8	16.7 +- 2.9
32	40	0.8	Damaged Dosimeter	No Net Data	14.7 +- 3.0
33	69	1.1	Missing Dosimeter	No Net Data	16.2 +- 3.8
34	292	15.0	17.5 +- 0.5; 2.6	13.3 +- 0.6; 3.9	16.0 +- 2.9
35	282	27.0	20.2 +- 0.6; 3.0	16.0 +- 0.7; 4.1	17.9 +- 2.9
36	268	21.0	15.1 +- 0.5; 2.3	11.0 +- 0.5; 3.6	14.9 +- 2.9

Transit Dose = 3.7 +- 0.3; 3.0

WATERFORD

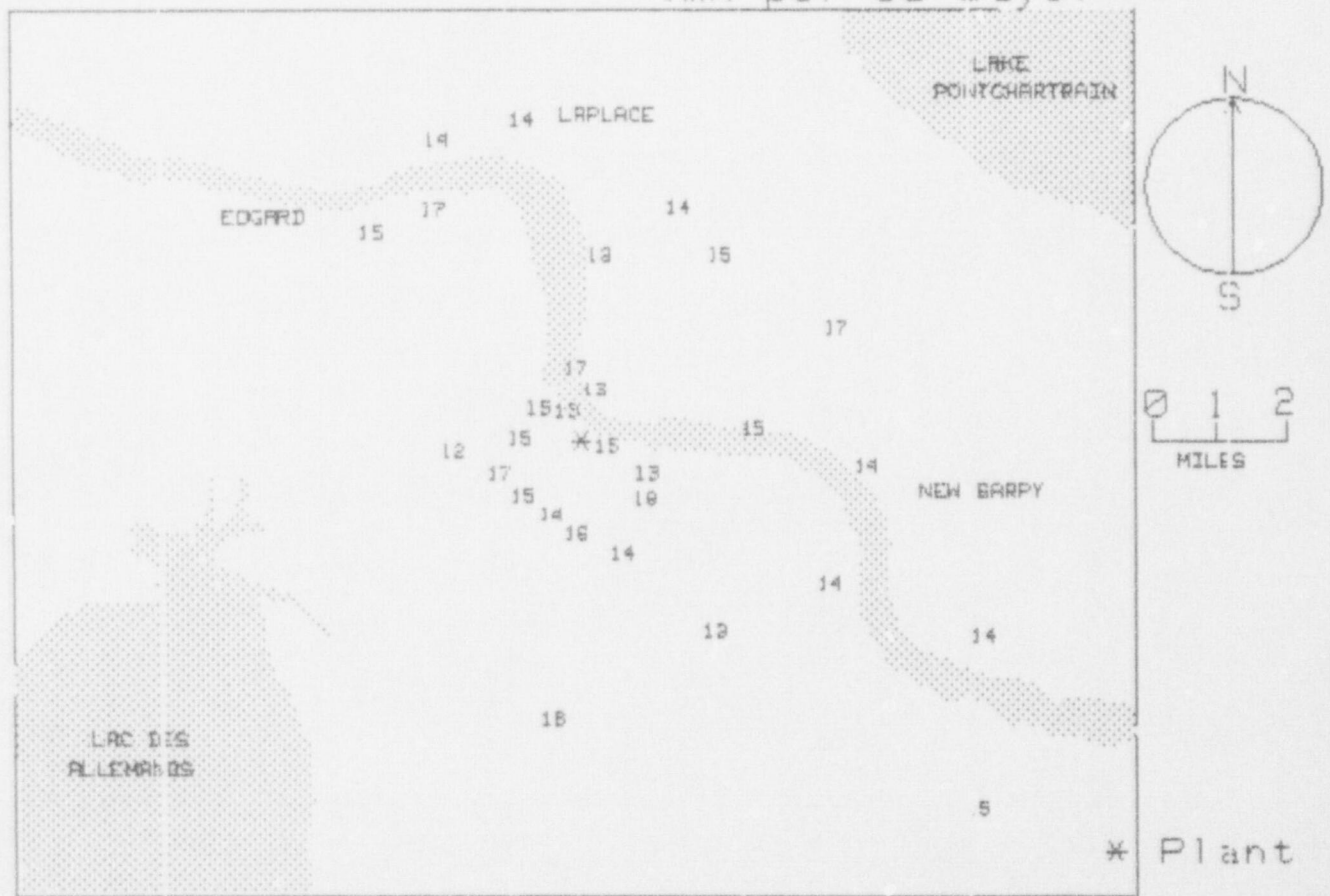
For the period 930322-930729

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 +- 2.3	3
11.26 - 33.75 NNE	13.4 +- 0.4	2
33.76 - 56.25 NE	15.2 +- 0.0	1
56.26 - 78.75 ENE	17.0 +- 0.0	1
78.76 - 101.25 E	14.8 +- 0.5	3
101.26 - 123.75 ESE	13.5 +- 0.9	3
123.76 - 146.25 SE	15.4 +- 2.7	3
146.26 - 168.75 SSE	14.1 +- 0.4	2
168.76 - 191.25 S	16.0 +- 0.5	2
191.26 - 213.75 SSW	13.6 +- 0.0	1
213.76 - 236.25 SW	14.7 +- 0.0	1
236.26 - 258.75 WSW	16.9 +- 0.0	1
258.76 - 281.25 W	13.5 +- 2.6	2
281.26 - 303.75 WNW	11.3 +- 0.0	1
303.76 - 326.25 NW	14.9 +- 0.5	2
326.26 - 348.75 NNW	14.5 +- 1.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 2.0	15
2 - 5	14.8 +- 1.3	13
> 5	14.2 +- 0.5	3
Upwind Control	13.4 +- 2.5	3

NRC TLD DOSES FOR WATERFORD AREA
(mR per 90 days)



WATTS BAR

TLD Direct Radiation Environmental Monitoring

For the period 930323-930722 122 Days

Field Time: 100 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)			Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.			+-1 Std Dev	
1	337	0.9	20.2	+- 0.6; 3.0	18.2	+- 0.6; 3.7	17.1	+- 2.4	
2	314	2.1	20.3	+- 0.6; 3.0	18.3	+- 0.6; 3.7	17.3	+- 2.5	
3	297	1.9	19.1	+- 0.6; 2.9	17.2	+- 0.5; 3.6	17.3	+- 2.6	
4	272	2.0	19.4	+- 0.6; 2.9	17.4	+- 0.6; 3.7	16.6	+- 2.6	
5	251	1.9	22.1	+- 0.7; 3.3	19.9	+- 0.6; 3.9	19.0	+- 2.5	
6	235	1.8	21.6	+- 0.6; 3.2	19.4	+- 0.6; 3.9	20.7	+- 3.0	
7	230	3.8	23.1	+- 0.7; 3.5	20.8	+- 0.7; 4.0	19.3	+- 2.8	
8	208	3.6	21.5	+- 0.6; 3.2	19.4	+- 0.6; 3.9	18.0	+- 2.6	
9	249	4.2	17.9	+- 0.5; 2.7	16.1	+- 0.5; 3.5	15.4	+- 2.4	
10	266	3.1	19.7	+- 0.6; 2.9	17.7	+- 0.6; 3.7	16.6	+- 2.4	
11	289	3.3	16.8	+- 0.5; 2.5	15.1	+- 0.5; 3.4	14.3	+- 2.4	
12	310	4.7	17.3	+- 0.5; 2.6	15.5	+- 0.5; 3.5	14.6	+- 2.5	
13	337	3.6	20.5	+- 0.6; 3.1	18.4	+- 0.6; 3.8	15.3	+- 2.8	
14	330	7.0	18.4	+- 0.6; 2.8	16.6	+- 0.5; 3.6	15.2	+- 2.4	
15	350	4.7	21.4	+- 0.6; 3.2	19.3	+- 0.6; 3.9	18.5	+- 2.8	
16	7	1.1	24.0	+- 0.7; 3.6	21.6	+- 0.7; 4.1	19.9	+- 2.7	
17	23	1.6	17.0	+- 0.5; 2.5	15.3	+- 0.5; 3.4	13.1	+- 2.2	
18	41	2.3	18.6	+- 0.6; 2.8	16.8	+- 0.5; 3.6	16.1	+- 2.6	
19	69	1.3	22.2	+- 0.7; 3.3	20.0	+- 0.6; 3.9	18.6	+- 2.2	
20	89	1.2	19.9	+- 0.6; 3.0	17.9	+- 0.6; 3.7	20.3	+- 2.7	
21	114	1.1	18.5	+- 0.6; 2.8	16.6	+- 0.5; 3.6	15.7	+- 2.4	
22	141	1.0	20.3	+- 0.6; 3.0	18.3	+- 0.6; 3.7	19.1	+- 2.4	
23	163	1.1	25.8	+- 0.8; 3.9	23.2	+- 0.7; 4.3	21.9	+- 2.6	
24	187	1.1	22.2	+- 0.7; 3.3	20.0	+- 0.6; 3.9	18.1	+- 2.7	
25	203	1.2	15.9	+- 0.5; 2.4	14.3	+- 0.5; 3.3	18.5	+- 2.8	
26	184	5.9	21.8	+- 0.7; 3.3	19.6	+- 0.6; 3.9	17.7	+- 3.0	
27	176	4.5	21.2	+- 0.6; 3.2	19.1	+- 0.6; 3.8	17.3	+- 2.6	
28	161	3.5	19.0	+- 0.6; 2.9	17.1	+- 0.5; 3.6	16.1	+- 2.3	
29	144	3.0	20.6	+- 0.6; 3.1	18.5	+- 0.6; 3.8	16.7	+- 2.6	
30	117	3.1	19.3	+- 0.6; 2.9	17.4	+- 0.6; 3.7	15.8	+- 2.7	
31	97	4.0	18.6	+- 0.6; 2.8	16.8	+- 0.5; 3.6	16.2	+- 2.6	
32	76	4.1	17.0	+- 0.5; 2.6	15.3	+- 0.5; 3.4	13.7	+- 2.3	
33	32	4.1	20.1	+- 0.6; 3.0	18.1	+- 0.6; 3.7	16.9	+- 2.5	
34	36	4.7	16.3	+- 0.5; 2.4	14.7	+- 0.5; 3.4	13.8	+- 2.4	
35	38	19.0	20.0	+- 0.6; 3.0	18.0	+- 0.6; 3.7	15.5	+- 2.5	
36	38	19.0	18.2	+- 0.5; 2.7	16.4	+- 0.5; 3.5	16.5	+- 4.0	
37	38	19.0	20.8	+- 0.6; 3.1	18.7	+- 0.6; 3.8	17.1	+- 2.4	

Transit Dose = 0.0 +- 0.2; 2.8

WATTS BAR

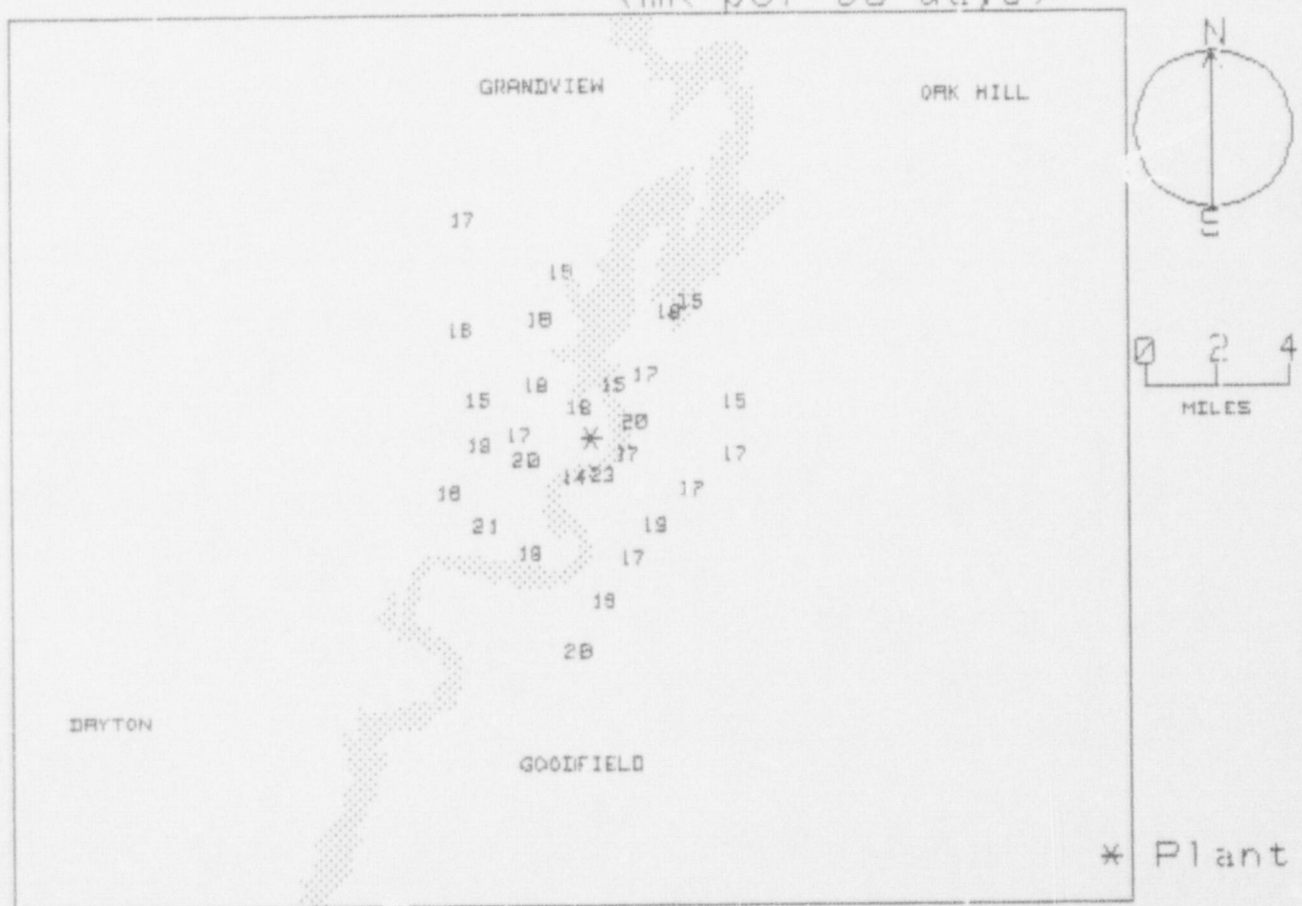
For the period 930323-930722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.5 +- 1.7	2
11.26 - 33.75 NNE	16.7 +- 2.0	2
33.76 - 56.25 NE	15.7 +- 1.5	2
56.26 - 78.75 ENE	17.6 +- 3.3	2
78.76 - 101.25 E	17.3 +- 0.8	2
101.26 - 123.75 ESE	17.0 +- 0.5	2
123.76 - 146.25 SE	18.4 +- 0.2	2
146.26 - 168.75 SSE	20.2 +- 4.3	2
168.76 - 191.25 S	19.5 +- 0.4	3
191.26 - 213.75 SSW	16.8 +- 3.6	2
213.76 - 236.25 SW	20.1 +- 1.0	2
236.26 - 258.75 WSW	18.0 +- 2.7	2
258.76 - 281.25 W	17.6 +- 0.2	2
281.26 - 303.75 WNW	16.2 +- 1.4	2
303.76 - 326.25 NW	16.9 +- 1.9	2
326.26 - 348.75 NNW	17.7 +- 1.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.5 +- 2.4	14
2 - 5	17.5 +- 1.7	18
> 5	18.1 +- 2.1	2
Upwind Control	17.7 +- 1.2	3

NRC TLD DOSES FOR WATTS BAR AREA
(mR per 90 days)



WOLF CREEK

TLD Direct Radiation Environmental Monitoring

For the period 930322-930721 122 Days

Field Time: 86 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	316	2.9	23.4	+- 0.7; 3.5	20.2	+- 0.8; 4.7	19.6	+- 2.0
2	330	1.8	21.8	+- 0.7; 3.3	18.5	+- 0.8; 4.5	18.5	+- 1.8
3	360	2.8	23.8	+- 0.7; 3.6	20.7	+- 0.8; 4.8	18.9	+- 1.9
4	355	1.6	21.7	+- 0.7; 3.3	18.4	+- 0.8; 4.5	19.6	+- 2.0
5	31	1.8	23.4	+- 0.7; 3.5	20.2	+- 0.8; 4.7	19.6	+- 2.2
6	47	2.0	19.5	+- 0.6; 2.9	16.1	+- 0.7; 4.3	17.4	+- 2.2
7	70	1.6	22.0	+- 0.7; 3.3	18.7	+- 0.8; 4.5	18.2	+- 2.0
8	90	1.7	24.5	+- 0.7; 3.7	21.3	+- 0.8; 4.8	20.1	+- 1.9
9	111	2.4	23.5	+- 0.7; 3.5	20.3	+- 0.8; 4.7	19.6	+- 1.9
10	137	2.5	Missing Dosimeter		No Net Data		19.2	+- 1.9
11	157	3.4	23.3	+- 0.7; 3.5	20.1	+- 0.8; 4.7	20.6	+- 1.9
12	184	3.3	23.7	+- 0.7; 3.5	20.5	+- 0.8; 4.7	20.1	+- 1.9
13	213	2.9	Missing Dosimeter		No Net Data		19.7	+- 2.0
14	233	2.4	23.6	+- 0.7; 3.5	20.4	+- 0.8; 4.7	19.9	+- 2.0
15	248	2.2	22.0	+- 0.7; 3.3	18.7	+- 0.8; 4.5	19.5	+- 1.9
16	278	2.1	22.5	+- 0.7; 3.4	19.3	+- 0.8; 4.6	19.7	+- 1.7
17	270	3.4	18.5	+- 0.6; 2.8	15.0	+- 0.7; 4.1	16.1	+- 1.7
18	263	4.2	24.8	+- 0.7; 3.7	21.7	+- 0.9; 4.9	21.5	+- 2.1
19	257	5.0	22.0	+- 0.7; 3.3	18.7	+- 0.8; 4.5	19.5	+- 2.1
20	280	3.9	22.4	+- 0.7; 3.4	19.2	+- 0.8; 4.6	18.3	+- 1.5
21	298	3.9	23.7	+- 0.7; 3.6	20.6	+- 0.8; 4.8	19.8	+- 1.8
22	319	4.8	21.1	+- 0.6; 3.2	17.8	+- 0.7; 4.4	18.1	+- 2.2
23	332	5.0	22.9	+- 0.7; 3.4	19.7	+- 0.8; 4.7	19.2	+- 1.9
24	19	3.9	22.2	+- 0.7; 3.3	18.9	+- 0.8; 4.6	19.6	+- 1.8
25	35	4.4	20.8	+- 0.6; 3.1	17.5	+- 0.7; 4.4	17.0	+- 1.7
26	67	4.3	21.5	+- 0.6; 3.2	18.2	+- 0.8; 4.5	18.3	+- 2.0
27	88	4.1	24.0	+- 0.7; 3.6	20.8	+- 0.8; 4.8	19.4	+- 2.1
28	110	4.5	23.2	+- 0.7; 3.5	20.0	+- 0.8; 4.7	19.8	+- 1.8
29	128	4.4	24.0	+- 0.7; 3.6	20.8	+- 0.8; 4.8	20.4	+- 2.1
30	112	16.0	18.4	+- 0.6; 2.8	15.0	+- 0.7; 4.1	17.5	+- 2.0
31	127	9.4	20.2	+- 0.6; 3.0	16.8	+- 0.7; 4.3	17.1	+- 1.9
32	62	11.0	19.7	+- 0.6; 2.9	16.3	+- 0.7; 4.3	17.6	+- 2.1
33	153	5.2	21.0	+- 0.6; 3.2	17.7	+- 0.7; 4.4	19.2	+- 2.0
34	174	4.7	24.8	+- 0.7; 3.7	21.7	+- 0.9; 4.9	20.3	+- 1.9
35	197	5.2	25.1	+- 0.8; 3.8	22.0	+- 0.9; 4.9	20.5	+- 2.1
36	224	4.8	22.2	+- 0.7; 3.3	18.9	+- 0.8; 4.6	18.2	+- 1.7
37	220	14.0	18.5	+- 0.6; 2.8	15.1	+- 0.7; 4.1	15.6	+- 1.6
38	253	6.5	23.3	+- 0.7; 3.5	20.1	+- 0.8; 4.7	19.9	+- 2.4
39	278	10.0	21.2	+- 0.6; 3.2	17.9	+- 0.8; 4.5	18.9	+- 2.1
40	285	15.0	20.9	+- 0.6; 3.1	17.6	+- 0.7; 4.4	16.9	+- 1.7
41	292	6.7	19.9	+- 0.6; 3.0	16.5	+- 0.7; 4.3	18.4	+- 2.1
42	345	13.0	24.8	+- 0.7; 3.7	21.7	+- 0.9; 4.9	20.3	+- 1.9
43	5	7.5	21.3	+- 0.6; 3.2	18.0	+- 0.8; 4.5	19.7	+- 1.9
44	20	8.3	23.1	+- 0.7; 3.5	19.9	+- 0.8; 4.7	19.9	+- 1.7
45	315	7.5	25.1	+- 0.8; 3.8	22.0	+- 0.9; 4.9	21.1	+- 1.9
46	341	7.7	22.8	+- 0.7; 3.4	19.6	+- 0.8; 4.6	20.0	+- 1.4
47	355	1.0	22.2	+- 0.7; 3.3	18.9	+- 0.8; 4.6	18.3	+- 1.4

Transit Dose = 4.1 +- 0.3; 2.8

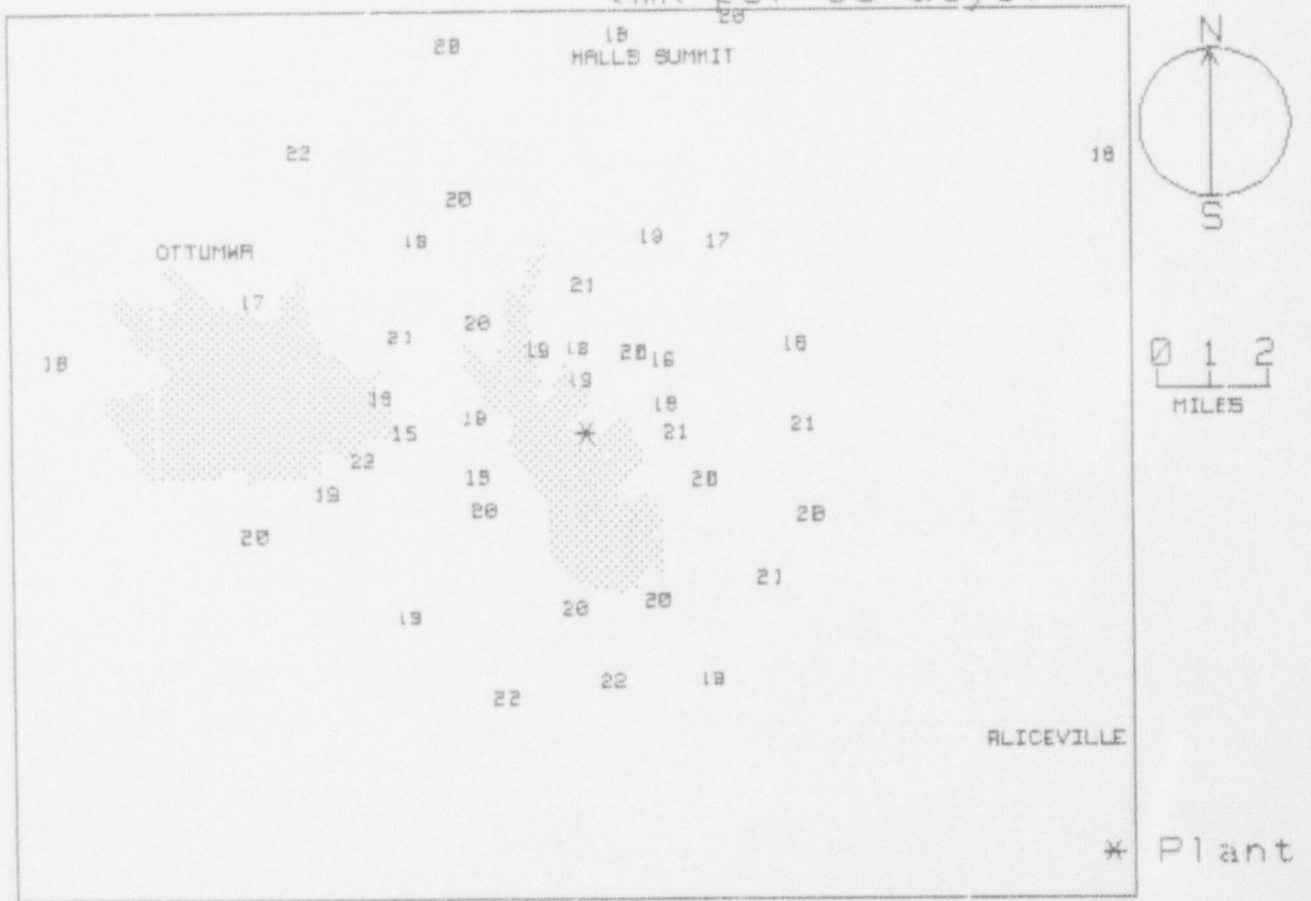
WOLF CREEK
For the period 930322-930721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.0 +- 1.2	4
11.26 - 33.75 NNE	19.7 +- 0.7	3
33.76 - 56.25 NE	16.8 +- 1.0	2
56.26 - 78.75 ENE	17.8 +- 1.3	3
78.76 - 101.25 E	21.1 +- 0.3	2
101.26 - 123.75 ESE	18.4 +- 3.0	3
123.76 - 146.25 SE	18.8 +- 2.8	2
146.26 - 168.75 SSE	18.9 +- 1.7	2
168.76 - 191.25 S	21.1 +- 0.9	2
191.26 - 213.75 SSW	22.0 +- 0.0	1
213.76 - 236.25 SW	18.2 +- 2.8	3
236.26 - 258.75 WSW	19.2 +- 0.8	3
258.76 - 281.25 W	18.6 +- 2.4	5
281.26 - 303.75 WNW	18.2 +- 2.1	3
303.76 - 326.25 NW	20.0 +- 2.1	3
326.26 - 348.75 NNW	19.9 +- 1.3	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.9 +- 1.6	7
2 - 5	19.6 +- 1.5	23
> 5	18.4 +- 2.4	15
Upwind Control	No Data +- No Data	0

NRC TLD DOSES FOR WOLF CREEK AREA
(mR per 90 days)



YANKEE ROWE

TLD Direct Radiation Environmental Monitoring

For the period 930325-930722 120 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	0	0.8	21.0 +- 0.6; 3.1	18.2 +- 0.7; 4.4	18.8 +- 2.2
2	265	14.0	19.1 +- 0.6; 2.9	16.3 +- 0.7; 4.2	16.2 +- 2.1
3	137	12.0	18.9 +- 0.6; 2.8	16.1 +- 0.7; 4.2	16.1 +- 1.9
5	85	2.2	19.7 +- 0.6; 2.9	16.8 +- 0.7; 4.3	15.2 +- 1.9
6	118	2.6	18.8 +- 0.6; 2.8	15.9 +- 0.7; 4.2	15.4 +- 1.8
7	137	2.1	21.0 +- 0.6; 3.2	18.3 +- 0.8; 4.4	17.2 +- 1.9
8	153	1.7	20.3 +- 0.6; 3.0	17.5 +- 0.7; 4.4	16.0 +- 1.5
9	176	1.1	19.3 +- 0.6; 2.9	16.5 +- 0.7; 4.2	15.8 +- 1.7
10	203	0.5	20.2 +- 0.6; 3.0	17.4 +- 0.7; 4.3	16.6 +- 2.2
11	219	0.6	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.4	16.7 +- 1.7
12	239	1.1	Missing Dosimeter	No Net Data	19.9 +- 2.4
13	272	1.8	20.8 +- 0.6; 3.1	18.1 +- 0.7; 4.4	17.5 +- 2.5
14	292	1.3	21.5 +- 0.6; 3.2	18.8 +- 0.8; 4.5	17.8 +- 2.3
15	315	1.6	23.2 +- 0.7; 3.5	20.6 +- 0.8; 4.7	18.1 +- 2.3
16	348	1.4	21.8 +- 0.7; 3.3	19.1 +- 0.8; 4.5	17.7 +- 2.0
17	358	2.8	20.5 +- 0.6; 3.1	17.8 +- 0.7; 4.4	16.6 +- 2.3
18	21	2.8	19.1 +- 0.6; 2.9	16.2 +- 0.7; 4.2	15.4 +- 2.0
19	43	5.8	19.8 +- 0.6; 3.0	17.0 +- 0.7; 4.3	16.6 +- 1.7
20	75	6.0	22.8 +- 0.7; 3.4	20.1 +- 0.8; 4.7	17.6 +- 2.0
21	98	6.0	19.7 +- 0.6; 3.0	16.9 +- 0.7; 4.3	14.8 +- 1.7
22	104	5.2	18.2 +- 0.5; 2.7	15.3 +- 0.7; 4.1	13.6 +- 1.6
23	133	5.7	18.0 +- 0.5; 2.7	15.0 +- 0.7; 4.1	13.4 +- 1.6
24	157	7.5	17.8 +- 0.5; 2.7	14.8 +- 0.7; 4.1	14.2 +- 2.0
25	184	6.3	20.2 +- 0.6; 3.0	17.4 +- 0.7; 4.3	16.2 +- 2.0
27	225	5.9	21.8 +- 0.7; 3.3	19.1 +- 0.8; 4.5	17.1 +- 2.3
29	269	3.5	21.8 +- 0.7; 3.3	19.1 +- 0.8; 4.5	17.1 +- 2.2
32	342	3.3	20.1 +- 0.6; 3.0	17.3 +- 0.7; 4.3	17.0 +- 1.9
34	48	7.3	21.1 +- 0.6; 3.2	18.3 +- 0.8; 4.5	17.3 +- 1.9
35	39	2.3	16.4 +- 0.5; 2.5	13.4 +- 0.6; 3.9	14.5 +- 1.9
47	260	9.6	21.1 +- 0.6; 3.2	18.3 +- 0.8; 4.4	16.6 +- 1.7
48	261	9.0	23.2 +- 0.7; 3.5	20.5 +- 0.8; 4.7	18.4 +- 1.9

Transit Dose = 3.8 +- 0.3; 2.8

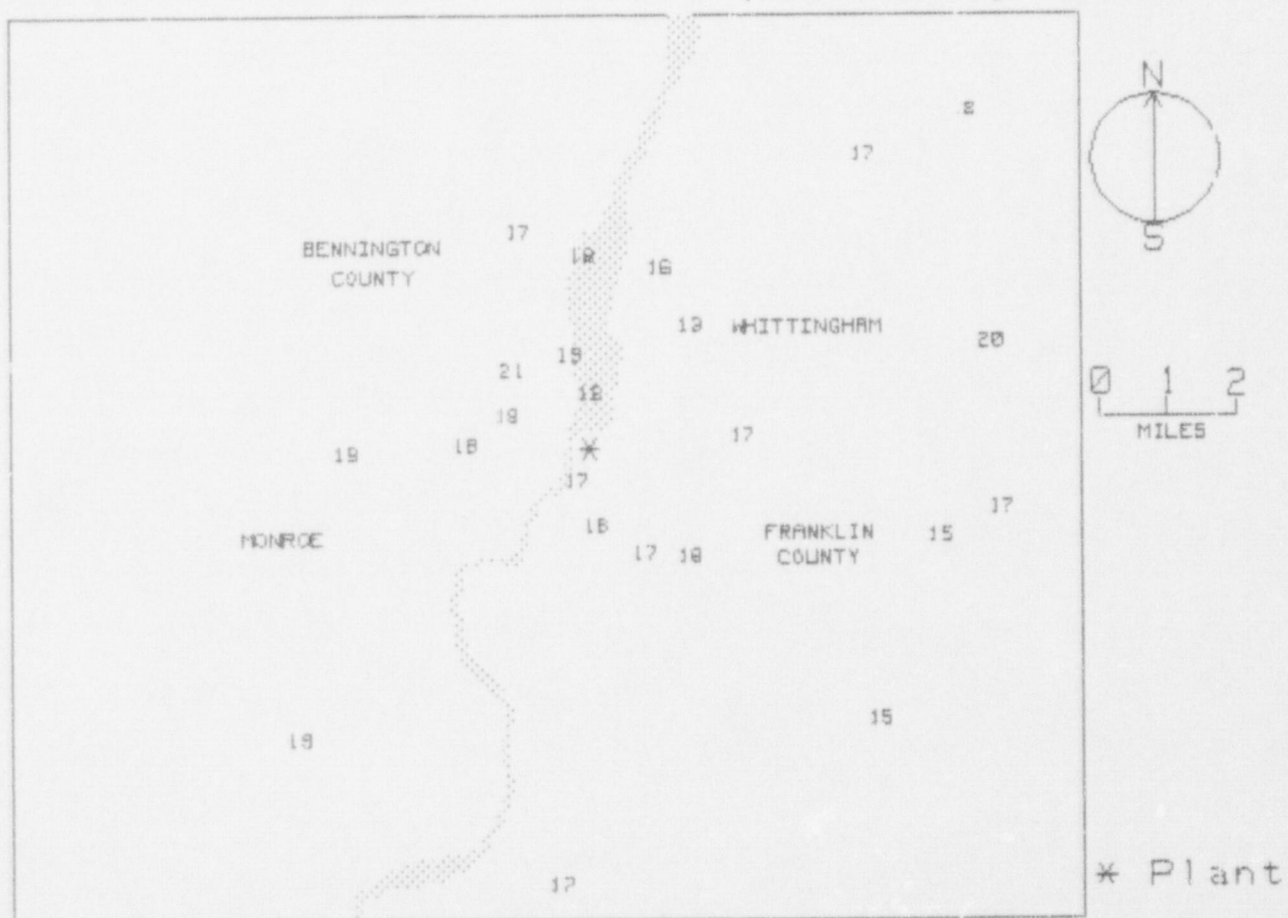
YANKEE ROWE
For the period 930325-930722

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 +- 0.3	2
11.26 - 33.75 NNE	16.2 +- 0.0	1
33.76 - 56.25 NE	16.2 +- 2.5	3
56.26 - 78.75 ENE	20.1 +- 0.0	1
78.76 - 101.25 E	16.8 +- 0.0	2
101.26 - 123.75 ESE	15.6 +- 0.5	2
123.76 - 146.25 SE	16.5 +- 1.6	3
146.26 - 168.75 SSE	16.1 +- 1.9	2
168.76 - 191.25 S	16.9 +- 0.7	2
191.26 - 213.75 SSW	17.4 +- 0.0	1
213.76 - 236.25 SW	18.3 +- 1.0	2
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	17.8 +- 1.4	3
281.26 - 303.75 WNW	18.8 +- 0.0	1
303.76 - 326.25 NW	20.6 +- 0.0	1
326.26 - 348.75 NNW	18.2 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 1.2	9
2 - 5	16.9 +- 1.7	8
> 5	16.9 +- 1.7	11
Upwind Control	19.4 +- 1.6	2

NRC TLD DOSES FOR YANKEE ROWE AREA
(mR per 90 days)



ZION

TLD Direct Radiation Environmental Monitoring

For the period 930322-930728 129 Days

Field Time: 102 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	310	0.8	Missing Dosimeter	No Net Data	15.6 +- 1.8
2	192	1.0	17.1 +- 0.5; 2.6	13.9 +- 0.5; 3.5	12.9 +- 2.0
3	187	1.9	16.4 +- 0.5; 2.5	13.3 +- 0.5; 3.5	14.1 +- 2.0
4	219	2.4	19.9 +- 0.6; 3.0	16.4 +- 0.6; 3.8	16.9 +- 1.9
5	257	1.8	18.9 +- 0.6; 2.8	15.5 +- 0.6; 3.7	17.1 +- 2.3
6	250	1.2	18.8 +- 0.6; 2.8	15.4 +- 0.6; 3.7	15.9 +- 1.9
7	293	1.6	20.6 +- 0.6; 3.1	17.0 +- 0.6; 3.8	16.8 +- 1.8
8	310	1.8	17.1 +- 0.5; 2.6	14.0 +- 0.5; 3.5	14.7 +- 2.0
9	343	2.6	17.0 +- 0.5; 2.6	13.9 +- 0.5; 3.5	15.3 +- 2.0
10	356	4.5	17.5 +- 0.5; 2.6	14.3 +- 0.5; 3.6	14.4 +- 2.0
11	337	4.5	Missing Dosimeter	No Net Data	16.5 +- 2.5
12	310	4.0	22.6 +- 0.7; 3.4	18.8 +- 0.7; 4.0	18.7 +- 2.2
13	293	3.5	23.2 +- 0.7; 3.5	19.3 +- 0.7; 4.1	19.2 +- 2.1
14	280	4.5	22.0 +- 0.7; 3.3	18.2 +- 0.6; 4.0	18.5 +- 2.0
15	232	3.2	19.7 +- 0.6; 3.0	16.2 +- 0.6; 3.8	17.6 +- 2.2
16	220	3.5	Missing Dosimeter	No Net Data	17.8 +- 1.9
17	198	4.5	18.9 +- 0.6; 2.8	15.5 +- 0.6; 3.7	15.7 +- 2.0
18	206	2.8	18.6 +- 0.6; 2.8	15.0 +- 0.6; 3.7	15.3 +- 2.1
19	327	1.7	18.3 +- 0.5; 2.7	15.0 +- 0.5; 3.6	15.3 +- 2.3
20	197	15.0	23.3 +- 0.7; 3.5	19.4 +- 0.7; 4.1	18.8 +- 2.2
21	352	7.9	18.4 +- 0.6; 2.8	15.1 +- 0.6; 3.6	14.8 +- 2.3
22	348	9.3	17.7 +- 0.5; 2.7	14.5 +- 0.5; 3.6	15.1 +- 2.2
23	336	8.5	22.4 +- 0.7; 3.4	18.6 +- 0.6; 4.0	17.4 +- 2.8
24	314	5.8	21.2 +- 0.6; 3.2	17.6 +- 0.6; 3.9	17.2 +- 1.4
25	220	6.3	19.1 +- 0.6; 2.9	15.7 +- 0.6; 3.7	16.2 +- 2.1
26	195	8.0	17.9 +- 0.5; 2.7	14.7 +- 0.5; 3.6	15.3 +- 1.9
28	197	15.0	22.5 +- 0.7; 3.4	18.7 +- 0.6; 4.0	18.7 +- 1.9
30	320	9.8	21.4 +- 0.6; 3.2	17.7 +- 0.6; 3.9	17.8 +- 1.9
31	229	8.0	19.1 +- 0.6; 2.9	15.7 +- 0.6; 3.7	16.5 +- 1.9
32	193	15.0	22.5 +- 0.7; 3.4	18.7 +- 0.6; 4.0	19.1 +- 1.8

Transit Dose = 1.3 +- 0.3; 3.1

ZION

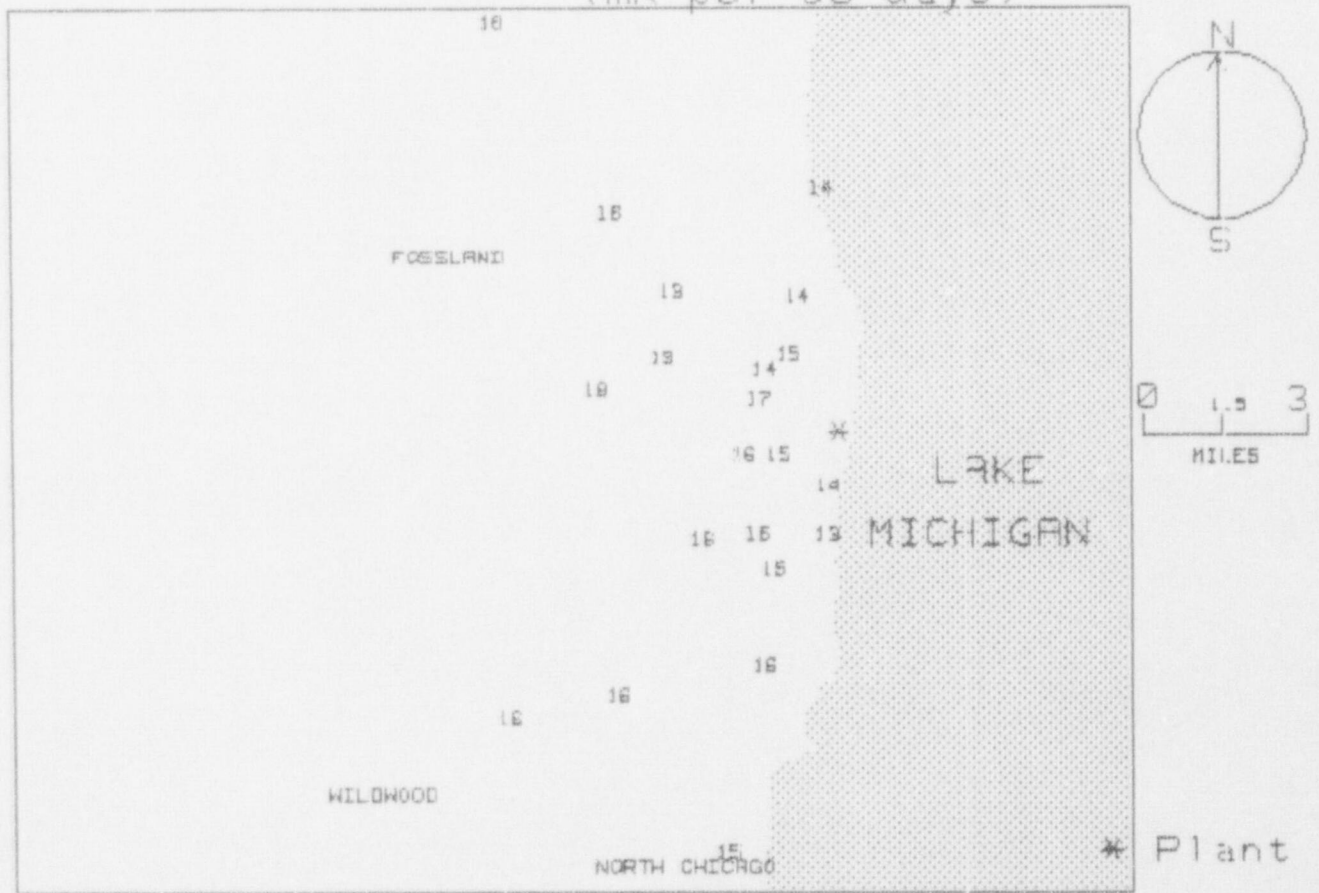
For the period 930322-930728

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 +- 0.6	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	13.3 +- 0.0	1
191.26 - 213.75 SSW	14.8 +- 0.7	4
213.76 - 236.25 SW	16.0 +- 0.4	4
236.26 - 258.75 WSW	15.5 +- 0.1	2
258.76 - 281.25 W	18.2 +- 0.0	1
281.26 - 303.75 WNW	18.2 +- 1.6	2
303.76 - 326.25 NW	17.0 +- 2.1	4
326.26 - 348.75 NNW	15.5 +- 2.1	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.9 +- 1.3	7
2 - 5	16.4 +- 2.0	9
> 5	16.2 +- 1.5	8
Upwind Control	18.9 +- 0.4	3

NRC TLD DOSES FOR ZION AREA
(mR per 90 days)



BIBLIOGRAPHIC DATA SHEET

(See instructions on the reverse)

1. REPORT NUMBER
(Assigned by NRC. Add Vol.,
Supp., Rev., and Addendum Num-
bers, if any.)

NUREG-0837
Vol. 13, NO. 2

2. TITLE AND SUBTITLE

NRC TLD Direct Radiation
Monitoring Network

Progress Report
April - June 1993

3. DATE REPORT PUBLISHED

MONTH	YEAR
August	1993

4. FIN OR GRANT NUMBER

5. AUTHOR(S)

R. Struckmeyer, N. McNamara

6. TYPE OF REPORT

Quarterly

7. PERIOD COVERED (Inclusive Dates)

April - June 1993

8. PERFORMING ORGANIZATION - NAME AND ADDRESS (If NRC, provide Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address; if contractor, provide name and mailing address.)

Region I
U. S. Nuclear Regulatory Commission
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.)

Same as 8. above

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 second quarter of 1993.

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)

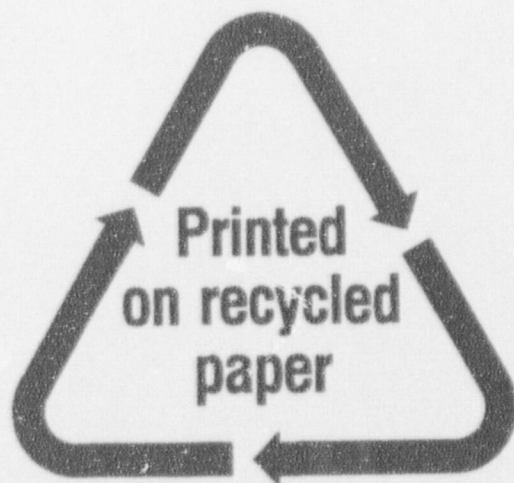
Unclassified

(This Report)

Unclassified

15. NUMBER OF PAGES

16. PRICE



Federal Recycling Program

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

SPECIAL FOURTH-CLASS RATE
POSTAGE AND FEES PAID
USNRC
PERMIT NO. G-6.

120555139531 1 1AN1NG
US NRC-OADM
DIV FOIA & PUBLICATIONS SVCS
TFS-PDR-NUREG
P-211
WASHINGTON DC 20555

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

SPECIAL FOURTH-CLASS RATE
POSTAGE AND FEES PAID
USNRC
PERMIT NO. G-87

120555139531 1 1AN1NG
US NRC-OADM
DIV FOIA & PUBLICATIONS SVCS
TPS-PDR-NUREG
P-211
WASHINGTON DC 20555