
NRC TLD Direct Radiation Monitoring Network

Progress Report
January-March 1986

U.S. Nuclear Regulatory Commission

NRC Region I

J. Jang, K. Rabatin, L. Cohen



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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 1985. 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 and NUREG-0837, Volume 3, Number 4. The National Bureau of Standards (NBS) has been performing 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. NBS 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-2560, NUREG/CR-3120, and 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 dosimeter 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, and the net exposure normalized to a 90-day quarter (standard quarter). 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 control dosimeters, 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, 631 Park Avenue, King of Prussia, Pennsylvania 19406, ATTN: Radiation Dosimetry Specialist.

ATTACHMENT 1Sites Monitored During the First Quarter 1986

- | | |
|---------------------------------|--------------------------|
| 1. Arkansas Nuclear One | 37. Millstone |
| 2. Beaver Valley | 38. Monticello |
| 3. Big Rock Point | 39. North Anna |
| 4. Braidwood | 40. Ocone |
| 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. D. C. Cook | 49. Rancho Seco |
| 14. Cooper | 50. River Bend |
| 15. Crystal River | 51. Robinson |
| 16. Davis-Besse | 52. St. Lucie |
| 17. Diablo Canyon | 53. Salem/Hope Creek |
| 18. Dresden | 54. San Onofre |
| 19. Duane Arnold | 55. Seabrook |
| 20. Farley | 56. Sequoyah |
| 21. Fermi | 57. Shoreham |
| 22. FitzPatrick/Nine Mile Point | 58. Summer |
| 23. Fort Calhoun | 59. Surry |
| 24. Fort St. Vrain | 60. Susquehanna |
| 25. Ginna | 61. Three Mile Island |
| 26. Grand Gulf | 62. Trojan |
| 27. Haddam Neck | 63. Turkey Point |
| 28. Harris | 64. Vermont Yankee |
| 29. Hatch | 65. Vogtle |
| 30. Indian Point | 66. Washington Nuclear 2 |
| 31. Kewaunee/Point Beach | 67. Waterford |
| 32. Lacrosse | 68. Watts Barr |
| 33. LaSalle | 69. Wolf Creek |
| 34. Limerick | 70. Yankee Rowe |
| 35. Maine Yankee | 71. Zion |
| 36. McGuire | |

ARKANSAS
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851216-860415 121 DAYS
FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.
001	2	0.4	20.0	+- .6	3.0	15.9 +- .7
002	353	4.1	21.0	+- .6	3.2	16.9 +- .7
003	32	1.0	21.4	+- .6	3.2	17.2 +- .7
004	13	3.3	19.2	+- .6	2.9	15.1 +- .6
005	53	1.5	22.1	+- .7	3.3	17.9 +- .7
006	37	0.6	19.2	+- .6	2.9	15.2 +- .6
007	78	2.5	22.7	+- .7	3.4	18.5 +- .7
008	68	3.2	20.1	+- .6	3.2	23.7 +- .9
009	92	0.5	21.7	+- .7	3.3	17.6 +- .7
010	83	5.5	24.0	+- .7	3.6	19.7 +- .8
011	122	2.1	19.6	+- .6	2.9	15.5 +- .6
012	109	0.0	21.4	+- .6	3.2	17.2 +- .7
013	138	2.6	17.6	+- .5	2.6	13.6 +- .6
014	130	4.9	19.1	+- .6	2.9	15.1 +- .6
016	167	4.4	20.8	+- .6	3.1	16.7 +- .7
017	171	0.4	20.7	+- .6	3.1	16.6 +- .7
018	189	3.2	21.3	+- .6	3.2	17.2 +- .7
019	205	2.9	20.9	+- .6	3.1	16.8 +- .7
020	195	0.0	22.2	+- .7	3.3	18.0 +- .7
021	235	0.0	23.5	+- .7	3.5	19.3 +- .7
022	230	0.0	17.3	+- .5	2.8	13.4 +- .6
023	257	2.0	19.0	+- .6	2.9	15.0 +- .6
024	243	4.5	20.4	+- .6	3.1	16.3 +- .7
025	279	1.2	23.2	+- .7	3.5	19.0 +- .7
026	263	4.0	21.0	+- .6	3.1	16.9 +- .7
027	298	0.4	21.9	+- .7	3.3	17.8 +- .7
028	293	5.8	20.3	+- .6	3.0	16.2 +- .7
029	326	1.9	21.0	+- .6	3.1	16.9 +- .7
030	308	4.0	20.8	+- .6	3.1	16.7 +- .7
031	345	1.3	22.0	+- .7	3.3	17.8 +- .7
032	335	4.2	19.7	+- .6	2.9	15.6 +- .6
033	110	0.0	23.0	+- .7	3.4	18.8 +- .7
039	112	0.0	21.5	+- .6	3.2	17.3 +- .7
040	147	0.0	21.6	+- .6	3.2	17.5 +- .7
041	106	17.	21.4	+- .6	3.2	17.2 +- .7
042	310	17.	19.3	+- .6	2.9	15.3 +- .6
043	0	5.2	21.9	+- .7	3.3	17.6 +- .7
044	0	9.1	21.5	+- .6	3.2	17.3 +- .7
045	0	0.9	18.4	+- .6	2.8	14.4 +- .6
046	0	0.3	20.9	+- .6	3.1	16.8 +- .7

TRANSIT DOSE = 3.3 +- .3 ; 5.0

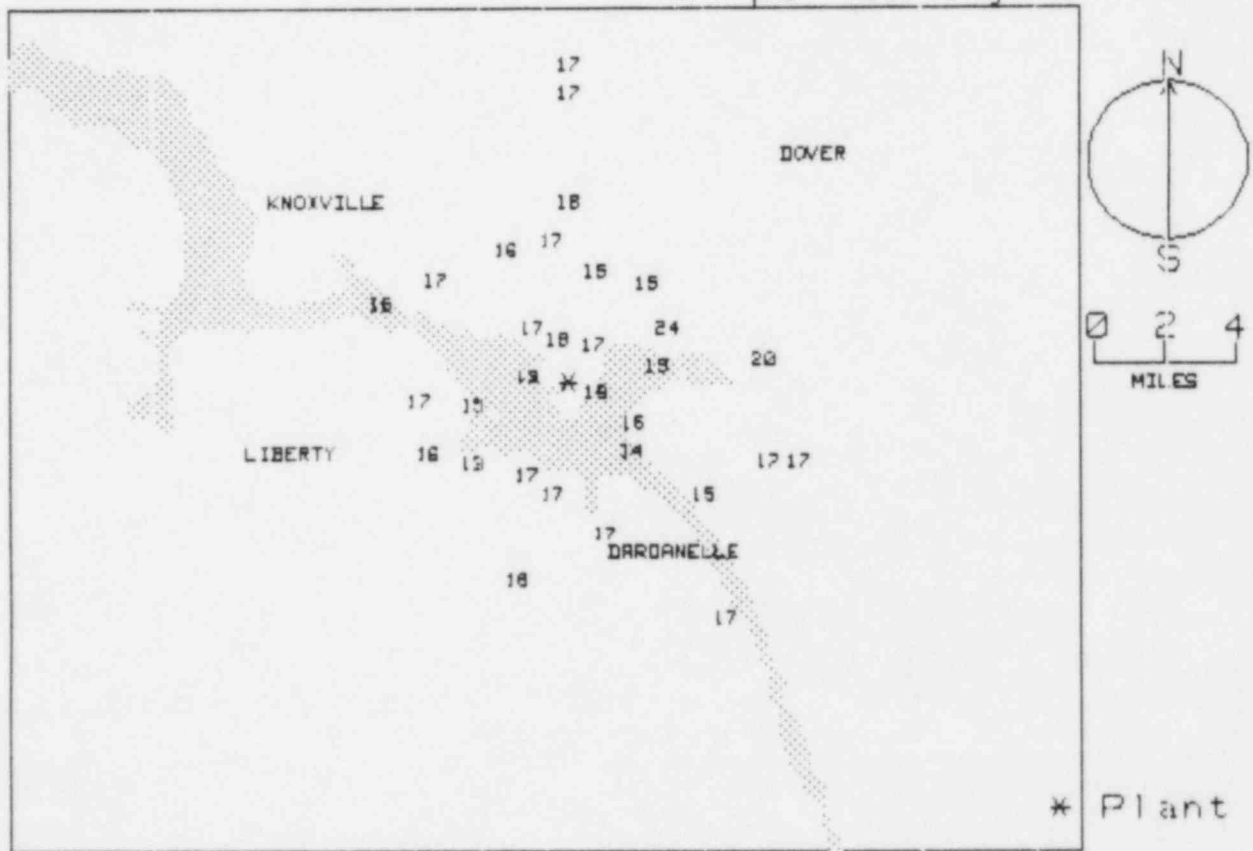
ARKANSAS
FOR THE PERIOD 851216-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.5 $\pm$ 1.2	6
11.25-33.75 (NNE)	16.2 $\pm$ 1.5	2
33.75-56.25 (NE)	16.5 $\pm$ 1.9	2
56.25-78.75 (ENE)	21.1 $\pm$ 3.6	2
78.75-101.25 (E)	18.7 $\pm$ 1.5	2
101.25-123.75 (ESE)	17.2 $\pm$ 1.2	5
123.75-146.25 (SE)	14.3 $\pm$ 1.0	2
146.25-168.75 (SSE)	17.1 $\pm$.5	2
168.75-191.25 (S)	16.8 $\pm$.4	2
191.25-213.75 (SSW)	17.4 $\pm$.9	2
213.75-236.25 (SW)	16.3 $\pm$ 4.2	2
236.25-258.75 (WSW)	15.6 $\pm$.9	2
258.75-281.25 (W)	17.9 $\pm$ 1.5	2
281.25-303.75 (WNW)	17.0 $\pm$ 1.1	2
303.75-326.25 (NW)	16.3 $\pm$.9	3
326.25-348.75 (NNW)	16.7 $\pm$ 1.6	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.7 $\pm$ 1.0	11
2-5	16.4 $\pm$ 2.3	17
>5	17.1 $\pm$ 1.3	12
UPWIND CONTROL DATA	NO DATA	NO DATA

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



BEAVER VALLEY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860410 114 DAYS
 FIELD TIME 88 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	344	16.	19.0 +- .6	2.0	16.0 +- .7	5.6
002	006	13.	18.7 +- .6	2.0	15.8 +- .7	5.6
004	31	12.	MISSING OR DAMAGED DOSIMETER			
005	55	8.4	19.7 +- .6	3.0	16.8 +- .7	5.7
006	60	9.5	20.4 +- .6	3.1	17.4 +- .7	5.7
007	357	8.0	21.2 +- .6	3.2	18.3 +- .7	5.8
008	110	4.3	20.9 +- .6	3.1	18.0 +- .7	5.8
009	110	2.2	23.2 +- .7	3.5	20.3 +- .8	6.0
010	91	2.4	20.5 +- .6	3.1	17.6 +- .7	5.7
011	77	3.7	21.8 +- .7	3.3	18.9 +- .7	5.9
012	153	4.2	21.7 +- .6	3.2	18.8 +- .7	5.8
013	170	4.4	19.9 +- .6	3.0	17.0 +- .7	5.7
014	190	4.4	19.6 +- .6	3.0	16.7 +- .7	5.7
015	208	2.3	19.6 +- .6	3.0	16.6 +- .7	5.7
016	264	5.6	20.2 +- .6	3.0	17.3 +- .7	5.7
017	270	6.3	19.8 +- .6	3.0	16.8 +- .7	5.7
018	232	2.4	19.8 +- .6	3.0	16.9 +- .7	5.7
019	267	6.0	20.7 +- .6	3.1	17.6 +- .7	5.8
020	294	3.4	18.6 +- .6	3.0	15.6 +- .7	5.6
021	286	1.4	21.5 +- .6	3.2	18.6 +- .7	5.8
022	220	1.3	19.6 +- .6	3.0	16.6 +- .7	5.7
023	255	2.3	23.7 +- .7	3.5	20.9 +- .8	6.0
024	209	2.1	20.6 +- .6	3.1	17.7 +- .7	5.8
025	186	2.1	21.0 +- .6	3.1	18.1 +- .7	5.8
026	190	2.2	20.3 +- .6	3.0	17.3 +- .7	5.7
027	125	2.0	21.2 +- .6	3.2	18.3 +- .7	5.8
028	87	1.6	21.5 +- .6	3.2	18.6 +- .7	5.8
029	59	1.5	20.7 +- .6	3.1	17.6 +- .7	5.8
030	50	1.2	19.4 +- .6	2.9	16.5 +- .7	5.6
031	320	1.1	21.3 +- .6	3.2	18.4 +- .7	5.8
032	325	0.9	20.7 +- .6	3.1	17.8 +- .7	5.8
033	341	0.9	21.0 +- .6	3.1	18.1 +- .7	5.8
034	343	0.8	20.1 +- .6	3.0	17.1 +- .7	5.7
035	9	0.6	21.0 +- .6	3.2	18.1 +- .7	5.8
036	14	0.3	22.5 +- .7	4.4	19.6 +- .8	6.0
037	37	0.0	18.6 +- .6	2.7	15.8 +- .6	5.5
038	22	1.0	20.4 +- .6	3.1	17.4 +- .7	5.7
039	351	1.6	20.3 +- .6	3.0	17.3 +- .7	5.7
040	344	16.	18.9 +- .6	3.0	15.9 +- .7	5.6
041	344	16.	19.5 +- .6	3.0	16.6 +- .7	5.7

TRANSIT DOSE = 3.3 +- .3 ; 4.7

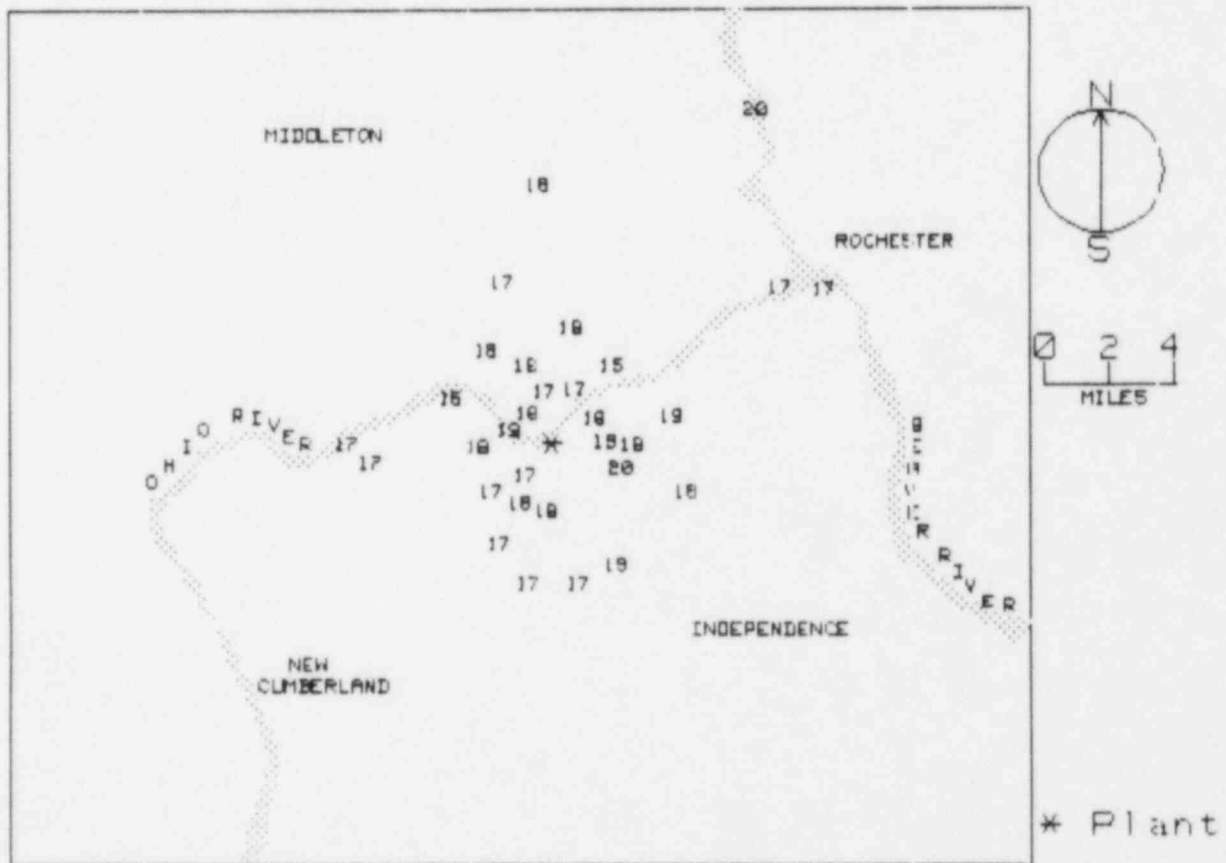
BEAVER VALLEY
FOR THE PERIOD 851218-860410

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.4 $\pm$ 1.1	4
11.25-33.75 (NNE)	18.5 $\pm$ 1.6	2
33.75-56.25 (NE)	16.1 $\pm$ 1.0	3
56.25-78.75 (ENE)	18.1 $\pm$.8	3
78.75-101.25 (E)	18.1 $\pm$.7	2
101.25-123.75 (ESE)	19.2 $\pm$ 1.6	2
123.75-146.25 (SE)	18.3 $\pm$ 0.0	1
146.25-168.75 (SSE)	18.8 $\pm$ 0.0	1
168.75-191.25 (S)	17.3 $\pm$.6	4
191.25-213.75 (SSW)	17.1 $\pm$.7	2
213.75-236.25 (SW)	16.8 $\pm$.2	2
236.25-258.75 (WSW)	20.9 $\pm$ 0.0	1
258.75-281.25 (W)	17.3 $\pm$.5	3
281.25-303.75 (WNW)	17.1 $\pm$ 2.1	2
303.75-326.25 (NW)	18.1 $\pm$.4	2
326.25-348.75 (NNW)	17.6 $\pm$.7	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.7 $\pm$.8	9
2-5	17.8 $\pm$ 1.4	20
>5	17.1 $\pm$.8	7
UPWIND CONTROL DATA	16.2 $\pm$.4	3

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



BIG ROCK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860423 129 DAYS
 FIELD TIME 83 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.			
001	208	4.9	19.4	+- .6	2.9	12.1	+- .8	7.5
002	220	3.6	19.2	+- .6	2.9	11.9	+- .8	7.4
003	204	2.4	19.3	+- .6	2.9	12.0	+- .8	7.4
004	176	3.3	19.6	+- .6	2.9	12.4	+- .8	7.5
005	161	4.6	19.0	+- .6	2.9	11.7	+- .8	7.4
006	133	4.7	18.5	+- .6	2.9	11.2	+- .8	7.4
007	116	3.7	20.0	+- .6	2.9	12.7	+- .8	7.5
008	111	4.7	17.0	+- .6	2.9	10.4	+- .8	7.3
009	98	4.5	18.0	+- .6	2.9	11.4	+- .8	7.4
010	88/	12.	18.3	+- .6	2.9	10.9	+- .8	7.4
011	83/	16.	17.5	+- .6	2.9	10.0	+- .7	7.3
012	83/	16.	17.9	+- .6	2.9	10.5	+- .8	7.4
013	83/	16.	20.0	+- .6	3.1	13.6	+- .8	7.6
014	77	3.4	19.0	+- .6	2.9	11.7	+- .8	7.4
015	96	1.0	20.0	+- .6	3.1	13.6	+- .8	7.6
016	110	2.0	18.3	+- .6	2.9	10.9	+- .8	7.4
017	134	2.0	20.0	+- .6	3.0	12.7	+- .8	7.5
018	222	1.9	17.0	+- .6	2.9	10.4	+- .8	7.3
019	194	1.4	19.3	+- .6	2.9	12.0	+- .8	7.4
020	179	1.5	19.2	+- .6	2.9	11.9	+- .8	7.4
021	153	1.1	19.6	+- .6	2.9	12.4	+- .8	7.5
TRANSIT DOSE = 8.2 +- .5 ; 6.2								

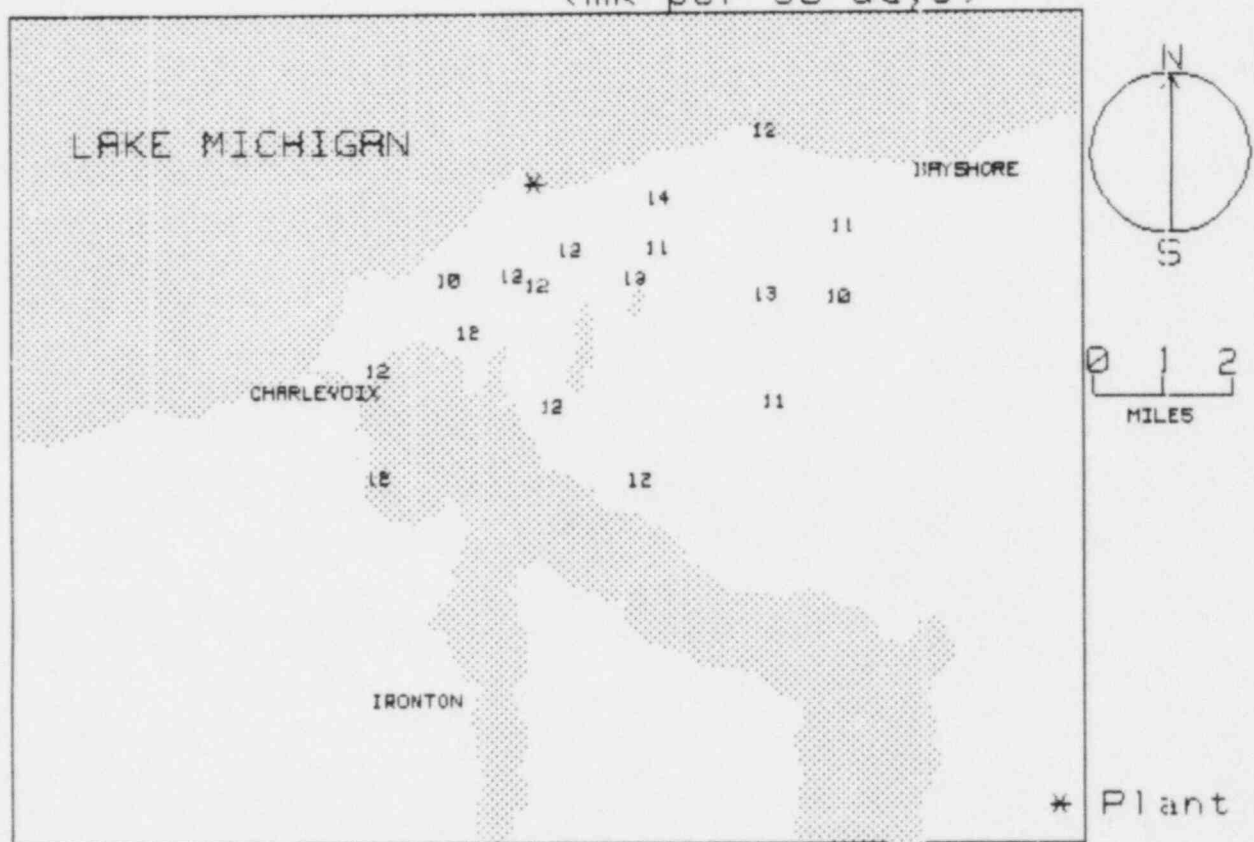
BIG ROCK
FOR THE PERIOD 851216-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	11.7 $\pm$ 0.0	1
78.75-101.25 (E)	12.0 $\pm$ 1.4	3
101.25-123.75 (ESE)	11.4 $\pm$ 1.2	3
123.75-146.25 (SE)	12.0 $\pm$ 1.1	2
146.25-168.75 (SSE)	12.0 $\pm$.5	2
168.75-191.25 (S)	12.1 $\pm$.3	2
191.25-213.75 (SSW)	12.1 $\pm$.1	3
213.75-236.25 (SW)	11.1 $\pm$ 1.0	2
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	12.0 $\pm$ 1.1	7
2-5	11.8 $\pm$.7	10
>5	10.8 $\pm$ 0.0	1
UPWIND CONTROL DATA	11.4 $\pm$ 2.0	3

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



BRAIDWOOD
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851205-860328 114 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	351 .8	14.7 +- .4 : 2.2	NO NET DATA
002	19 1.3	14.8 +- .4 : 2.2	NO NET DATA
003	45 2	14.0 +- .4 : 2.1	NO NET DATA
004	66 2.1	14.8 +- .4 : 2.2	NO NET DATA
005	87 1.8	14.3 +- .4 : 2.1	NO NET DATA
006	114 2	14.2 +- .4 : 2.1	NO NET DATA
007	133 2.7	14.4 +- .4 : 2.2	NO NET DATA
008	151 2.8	14.5 +- .4 : 2.2	NO NET DATA
009	178 3.9	21.1 +- .6 : 3.2	NO NET DATA
010	197 2.8	14.3 +- .4 : 2.1	NO NET DATA
011	222 1.4	14.8 +- .4 : 2.2	NO NET DATA
012	252 1.1	15.0 +- .4 : 2.2	NO NET DATA
013	261 1.0	13.8 +- .4 : 2.1	NO NET DATA
014	278 1.2	MISSING OR DAMAGED DOSIMETER	
015	310 1.3	13.8 +- .4 : 2.1	NO NET DATA
016	335 1.6	13.9 +- .4 : 2.1	NO NET DATA
017	359 1.5	14.4 +- .4 : 2.2	NO NET DATA
018	018 3.5	MISSING OR DAMAGED DOSIMETER	
019	042 6.3	15.1 +- .5 : 2.3	NO NET DATA
020	069 5.7	16.2 +- .5 : 2.4	NO NET DATA
021	086 6.8	17.0 +- .5 : 2.6	NO NET DATA
022	100 10'	15.8 +- .5 : 2.4	NO NET DATA
023	45' 4.9	15.7 +- .5 : 2.3	NO NET DATA
024	070 4.2	13.9 +- .4 : 2.1	NO NET DATA
025	086 4.1	14.0 +- .4 : 2.1	NO NET DATA
026	113 4.4	15.1 +- .5 : 2.3	NO NET DATA
027	142 6.4	MISSING OR DAMAGED DOSIMETER	
028	161 6.1	14.1 +- .4 : 2.1	NO NET DATA
029	180 6.1	20.3 +- .6 : 3.0	NO NET DATA
030	191 5.8	19.9 +- .6 : 3.0	NO NET DATA
031	230 5.8	16.7 +- .5 : 2.5	NO NET DATA
032	266 5.3	15.0 +- .4 : 2.2	NO NET DATA
033	289 4.1	18.1 +- .5 : 2.7	NO NET DATA
034	315 4.3	15.8 +- .5 : 2.4	NO NET DATA
035	333 4.5	15.2 +- .5 : 2.3	NO NET DATA
036	000 5.9	13.2 +- .4 : 2.0	NO NET DATA
037	021 5.3	13.7 +- .4 : 2.1	NO NET DATA
038	190 10'	13.6 +- .4 : 2.0	NO NET DATA
039	224 13'	13.7 +- .4 : 2.1	NO NET DATA
040	224 13'	17.7 +- .5 : 2.7	NO NET DATA

NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

BRAIDWOOD
FOR THE PERIOD 851205-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.9 $\pm$.8	3
11.25-33.75 (NNE)	14.1 $\pm$.7	2
33.75-56.25 (NE)	14.7 $\pm$.9	3
56.25-78.75 (ENE)	14.8 $\pm$ 1.1	3
78.75-101.25 (E)	15.1 $\pm$ 1.4	4
101.25-123.75 (ESE)	14.5 $\pm$.8	2
123.75-146.25 (SE)	14.2 $\pm$ 0.0	1
146.25-168.75 (SSE)	14.1 $\pm$.3	2
168.75-191.25 (S)	18.5 $\pm$ 3.4	4
191.25-213.75 (SSW)	14.1 $\pm$ 0.0	1
213.75-236.25 (SW)	15.6 $\pm$ 1.3	2
236.25-258.75 (WSW)	14.8 $\pm$ 0.0	1
258.75-281.25 (W)	14.2 $\pm$.8	2
281.25-303.75 (WNW)	17.9 $\pm$ 0.0	1
303.75-326.25 (NW)	14.6 $\pm$ 1.4	2
326.25-348.75 (NNW)	14.3 $\pm$.9	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.1 $\pm$.4	11
2-5	15.4 $\pm$ 2.0	12
>5	15.7 $\pm$ 2.3	12
UPWIND CONTROL DATA	15.5 $\pm$ 2.8	2

MAP FOR BRAIDWOOD

Map will be provided for this site in the future.

BROWNS FERRY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860416 121 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	130	9	16.6	+- .5	16.0	+- .5
002	133	5.5	15.8	+- .5	15.0	+- .5
003	153	4.3	17.1	+- .5	16.5	+- .5
004	210	5.8	19.1	+- .5	18.4	+- .5
005	220	6	17.5	+- .5	16.9	+- .5
006	245	4.5	20.4	+- .5	19.7	+- .5
007	269	1.9	18.9	+- .5	18.3	+- .5
008	257	11.	17.2	+- .5	16.6	+- .5
009	295	7	18.8	+- .5	18.2	+- .5
010	292	4.5	19.2	+- .5	18.5	+- .5
011	269	1.9	18.5	+- .5	17.9	+- .5
012	240	2.6	18.2	+- .5	17.6	+- .5
013	220	1.7	19.6	+- .5	19.0	+- .5
014	268	1.7	19.5	+- .5	18.9	+- .5
015	201	3	19.4	+- .5	18.8	+- .5
016	181	3	18.3	+- .5	17.7	+- .5
017	50	9.5	19.9	+- .5	19.2	+- .5
018	51	3.5	16.7	+- .5	16.2	+- .5
019	62	3.3	18.0	+- .5	17.4	+- .5
020	86	2.3	19.0	+- .5	19.2	+- .5
021	111	3.1	20.9	+- .5	20.2	+- .5
022	64	1.1	20.9	+- .5	20.2	+- .5
023	90	2.6	19.3	+- .5	18.6	+- .5
024	111	2.8	19.3	+- .5	18.5	+- .5
025	46	2.2	19.5	+- .5	18.8	+- .5
026	26	1.7	21.0	+- .5	21.1	+- .5
027	333	1.7	18.2	+- .5	17.6	+- .5
028	335	1	21.1	+- .5	20.4	+- .5
029	27	3.8	20.6	+- .5	19.9	+- .5
030	0	4	17.1	+- .5	16.5	+- .5
031	340	5.3	20.5	+- .5	19.8	+- .5
032	312	12	23.5	+- .5	22.7	+- .5
033	0	1.5	21.2	+- .5	20.5	+- .5
034	52	7.5	19.2	+- .5	18.6	+- .5
035	95	5.4	25.1	+- .5	24.3	+- .5
036	68	5.6	21.7	+- .5	21.0	+- .5
037	149	7.8	17.9	+- .5	17.3	+- .5
038	164	7	16.5	+- .5	15.9	+- .5

TRANSIT DOSE = 0.0 +- .1 ; 2.7

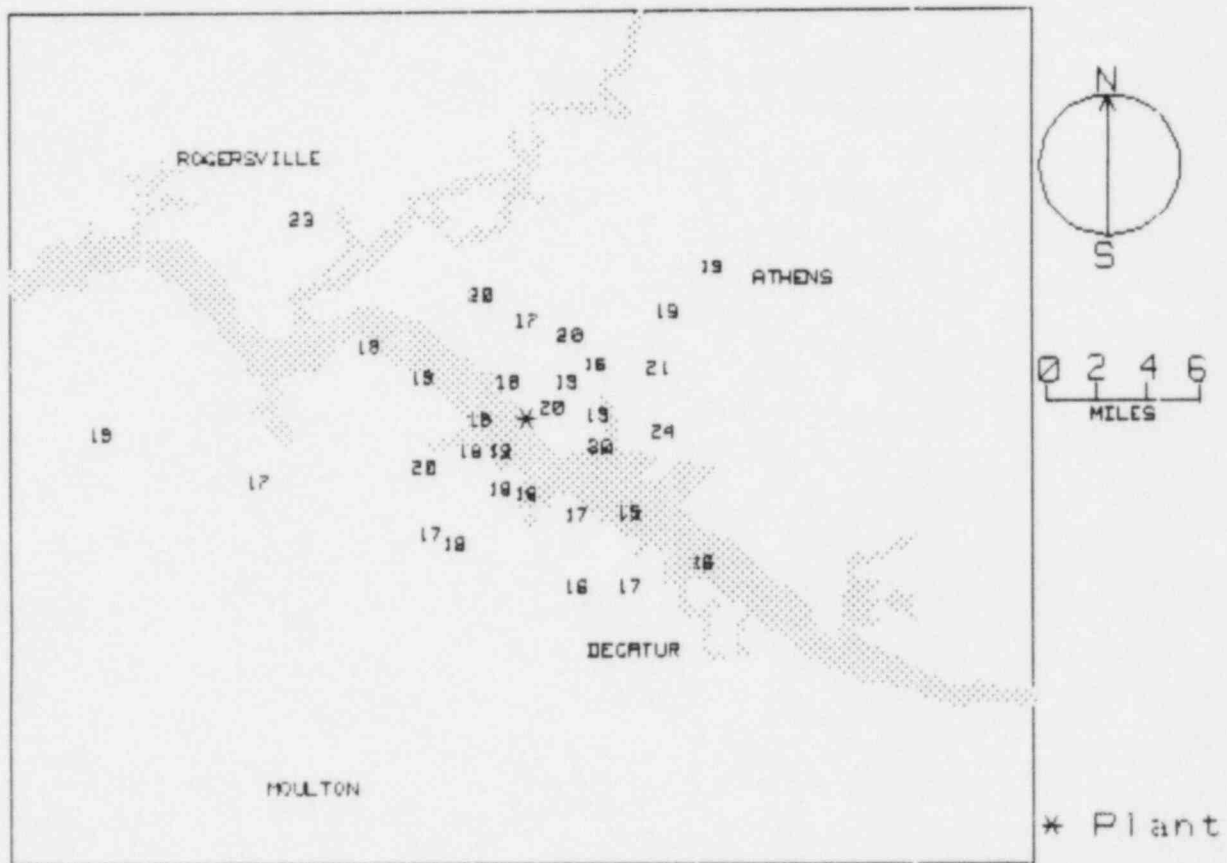
BROWNS FERRY
FOR THE PERIOD 851217-860416

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.5 $\pm$ 2.8	2
11.25-33.75 (NNE)	20.5 $\pm$.8	2
33.75-56.25 (NE)	18.2 $\pm$ 1.4	4
56.25-78.75 (ENE)	19.5 $\pm$ 1.9	3
78.75-101.25 (E)	20.7 $\pm$ 3.1	3
101.25-123.75 (ESE)	19.4 $\pm$ 1.2	2
123.75-146.25 (SE)	15.7 $\pm$.5	2
146.25-168.75 (SSE)	16.6 $\pm$.7	3
168.75-191.25 (S)	17.7 $\pm$ 0.0	1
191.25-213.75 (SSW)	18.6 $\pm$.2	2
213.75-236.25 (SW)	17.9 $\pm$ 1.5	2
236.25-258.75 (WSW)	18.7 $\pm$ 1.5	2
258.75-281.25 (W)	18.1 $\pm$.3	2
281.25-303.75 (WNW)	18.4 $\pm$.2	2
303.75-326.25 (NW)	22.7 $\pm$ 0.0	1
326.25-348.75 (NNW)	19.3 $\pm$ 1.5	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	19.3 $\pm$ 1.3	9
2-5	18.2 $\pm$ 1.4	13
>5	18.7 $\pm$ 2.6	14
UPWIND CONTROL DATA	17.7 $\pm$ 1.6	2

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



BRUNSWICK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851212-860415 125 DAYS
FIELD TIME 101 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+/-	Rdm;Tot.	mR/Std.Qtr. +/-	Rdm;Tot.		
001	260	2.2	13.4	+/- .4	2.0	8.7	+/- .5	5.1
002	245	3.4	12.6	+/- .4	1.9	8.0	+/- .5	5.0
003	231	3.8	12.9	+/- .4	1.9	8.3	+/- .5	5.1
004	210	4.9	17.1	+/- .5	2.6	12.0	+/- .6	5.3
005	186	4.3	15.9	+/- .5	2.4	11.0	+/- .6	5.2
006	270	4.5	13.2	+/- .4	2.0	8.5	+/- .5	5.1
007	272	4.4	14.3	+/- .4	2.1	9.6	+/- .5	5.1
008	73	1.3	16.4	+/- .5	2.5	11.4	+/- .6	5.3
009	97	1.0	16.0	+/- .5	2.4	11.0	+/- .6	5.3
010	120	1.5	16.4	+/- .5	2.5	11.4	+/- .6	5.3
011	131	0.9	15.3	+/- .5	2.3	10.5	+/- .6	5.3
012	156	1.1	16.3	+/- .5	2.4	11.3	+/- .6	5.3
013	180	1.1	15.2	+/- .5	2.3	10.3	+/- .6	5.3
014	194	2.4	16.1	+/- .5	2.4	11.1	+/- .6	5.3
015	201	2.0	14.0	+/- .4	2.1	9.3	+/- .5	5.1
016	218	1.2	16.2	+/- .5	2.4	11.2	+/- .6	5.3
017	252	1.1	15.4	+/- .5	2.3	10.5	+/- .6	5.3
018	272	1.2	15.3	+/- .5	2.3	10.4	+/- .6	5.3
019	19	1.1	14.0	+/- .4	2.2	10.3	+/- .6	5.1
020	2	1.1	14.1	+/- .4	2.1	9.4	+/- .5	5.1
021	288	1.3	13.2	+/- .4	2.0	8.6	+/- .5	5.1
022	307	1.5	13.1	+/- .4	2.0	8.5	+/- .5	5.1
023	338	2.1	15.1	+/- .5	2.3	10.3	+/- .6	5.3
024	325	4.9	14.0	+/- .4	2.1	9.3	+/- .5	5.1
025	338	3.0	14.2	+/- .4	2.1	9.5	+/- .5	5.1
026	356	3.2	14.4	+/- .4	2.2	9.6	+/- .5	5.1
027	30	6.4	13.7	+/- .4	2.1	9.3	+/- .5	5.1
028	43	9.0	15.0	+/- .4	2.4	10.3	+/- .6	5.3
029	50	8.0	15.6	+/- .4	2.3	10.7	+/- .6	5.3
030	59	7.0	15.0	+/- .4	2.4	10.3	+/- .6	5.3
031	65	6.0	15.5	+/- .4	2.3	10.6	+/- .6	5.3
032	74	5.0	17.2	+/- .4	2.6	12.1	+/- .6	5.3
033	88	4.1	14.1	+/- .4	2.1	9.4	+/- .5	5.1
034	12	1.7	15.3	+/- .4	2.3	10.4	+/- .6	5.3
035	16	1.8	14.3	+/- .4	2.1	9.5	+/- .5	5.1
036	204	16.	15.3	+/- .4	2.3	10.4	+/- .6	5.3
037	204	16.	16.9	+/- .4	2.5	11.3	+/- .6	5.3
038	285	16.	16.1	+/- .4	2.4	11.2	+/- .6	5.3
039	287	4.6	14.0	+/- .4	2.1	9.3	+/- .5	5.1
040	271	0.7	17.0	+/- .5	2.5	11.3	+/- .6	5.3

TRANSIT DOSE = 3.6 +/- .4 ; 5.3

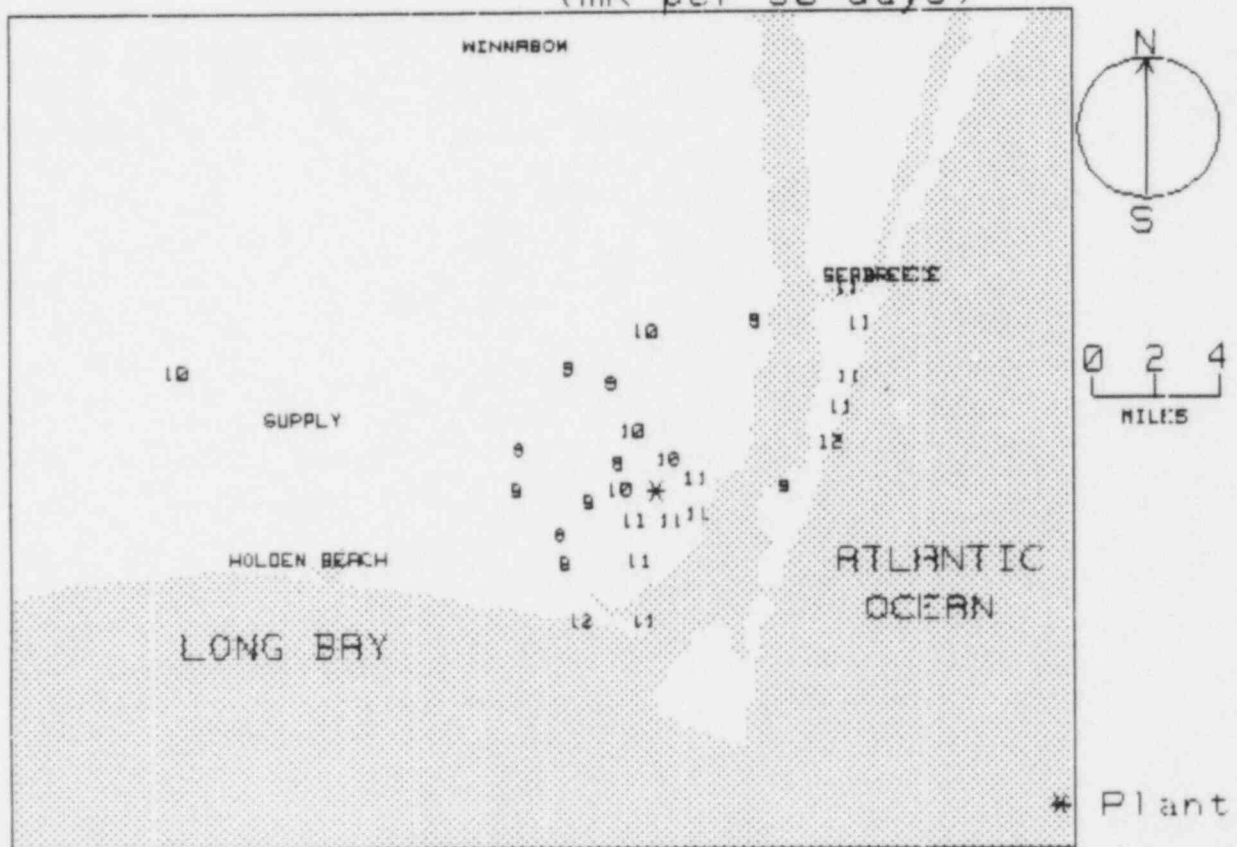
BRUNSWICK
FOR THE PERIOD 851212-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	9.5 $\pm$.2	2
11.25-33.75 (NNE)	9.7 $\pm$.6	4
33.75-56.25 (NE)	10.8 $\pm$.1	2
56.25-78.75 (ENE)	11.3 $\pm$.7	4
78.75-101.25 (E)	10.2 $\pm$ 1.2	2
101.25-123.75 (ESE)	11.4 $\pm$ 0.0	1
123.75-146.25 (SE)	10.5 $\pm$ 0.0	1
146.25-168.75 (SSE)	11.3 $\pm$ 0.0	1
168.75-191.25 (S)	10.7 $\pm$.5	2
191.25-213.75 (SSW)	10.8 $\pm$ 1.4	3
213.75-236.25 (SW)	9.7 $\pm$ 2.1	2
236.25-258.75 (WSW)	9.3 $\pm$ 1.8	2
258.75-281.25 (W)	9.8 $\pm$ 1.4	5
281.25-303.75 (WNW)	8.9 $\pm$.5	2
303.75-326.25 (NW)	8.9 $\pm$.5	2
326.25-348.75 (NNW)	9.9 $\pm$.6	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	10.4 $\pm$ 1.1	15
2-5	9.6 $\pm$ 1.2	13
>5	10.4 $\pm$.9	9
UPWIND CONTROL DATA	11.1 $\pm$.8	3

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



BYRON
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851205-860328 114 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.	
001	10	1.1	17.5	+- .5	17.3	+- .6	4.5
002	23	1.0	16.8	+- .5	16.6	+- .5	4.5
003	46	1.6	16.5	+- .5	16.3	+- .5	4.4
004	68	1.6	17.4	+- .5	17.2	+- .5	4.5
005	86	1.4	18.1	+- .5	17.9	+- .5	4.6
006	112	1.3	17.0	+- .5	16.8	+- .5	4.5
007	133	1.4	16.9	+- .5	16.7	+- .5	4.5
008	175	2.2	17.7	+- .5	17.5	+- .5	4.5
009	156	0.6	15.6	+- .5	15.4	+- .5	4.4
010	183	0.5	17.0	+- .5	16.8	+- .5	4.5
011	210	0.6	15.9	+- .5	15.7	+- .5	4.4
012	236	0.9	16.9	+- .5	16.7	+- .5	4.5
013	247	0.8	17.0	+- .5	16.8	+- .5	4.5
014	262	0.7	17.0	+- .5	16.8	+- .5	4.5
015	298	0.8	16.2	+- .5	16.0	+- .5	4.4
016	326	1.0	15.2	+- .5	15.0	+- .5	4.3
017	333	1.6	15.7	+- .5	15.5	+- .5	4.4
018	23	4.0	15.0	+- .4	14.8	+- .5	4.3
019	17	4.1	14.3	+- .4	14.1	+- .5	4.3
020	5	4.3	16.1	+- .5	15.9	+- .5	4.4
021	340	4.3	17.9	+- .5	17.7	+- .5	4.6
022	322	4.9	16.0	+- .5	15.8	+- .5	4.4
023	304	6.9	17.2	+- .5	17.0	+- .5	4.5
024	270	4.6	14.3	+- .4	14.1	+- .5	4.3
025	244	4.6	14.0	+- .4	13.8	+- .5	4.3
026	224	4.8	16.5	+- .5	16.3	+- .5	4.4
027	213	5.2	13.8	+- .4	13.6	+- .5	4.3
028	209	14.	14.0	+- .4	13.8	+- .5	4.3
029	215	13.	16.2	+- .5	16.0	+- .5	4.4
030	215	13.	17.6	+- .5	17.4	+- .5	4.5
031	204	4.6	13.3	+- .4	13.1	+- .5	4.3
032	178	4.4	15.6	+- .5	15.4	+- .5	4.4
033	155	3.9	17.2	+- .5	17.0	+- .5	4.5
034	138	4.6	17.0	+- .5	16.8	+- .5	4.5
035	118	4.4	17.6	+- .5	17.4	+- .5	4.5
036	81	3.8	15.1	+- .5	14.9	+- .5	4.3
037	70	5.5	14.1	+- .4	13.9	+- .5	4.3
038	45	4.0	14.5	+- .4	14.3	+- .5	4.3
039	40	6.8	MISSING OR DAMAGED DOSIMETER				
040	45	15.	13.9	+- .4	13.7	+- .5	4.2
041	320	3.0	16.7	+- .5	16.5	+- .5	4.5

TRANSIT DOSE = 0.0 +- .2 ; 3.8

BYRON
FOR THE PERIOD 851205-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.6 $\pm$.9	2
11.25-33.75 (NNE)	15.1 $\pm$ 1.3	3
33.75-56.25 (NE)	14.8 $\pm$ 1.3	3
56.25-78.75 (ENE)	15.6 $\pm$ 2.3	2
78.75-101.25 (E)	16.4 $\pm$ 2.1	2
101.25-123.75 (ESE)	17.1 $\pm$.4	2
123.75-146.25 (SE)	16.7 $\pm$.1	2
146.25-168.75 (SSE)	16.2 $\pm$ 1.2	2
168.75-191.25 (S)	16.6 $\pm$ 1.0	3
191.25-213.75 (SSW)	14.1 $\pm$ 1.4	3
213.75-236.25 (SW)	16.5 $\pm$.3	2
236.25-258.75 (WSW)	15.3 $\pm$ 2.1	2
258.75-281.25 (W)	15.4 $\pm$ 1.9	2
281.25-303.75 (WNW)	16.0 $\pm$ 0.0	1
303.75-326.25 (NW)	16.1 $\pm$.9	4
326.25-348.75 (NNW)	16.6 $\pm$ 1.6	2

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.5 $\pm$.8	16
2-5	15.6 $\pm$ 1.4	17
>5	14.6 $\pm$ 1.6	4
UPWIND CONTROL DATA	15.7 $\pm$ 1.8	3

MAP FOR BYRON

Map will be provided for this site in the future.

CALLAWAY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860410 115 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR) +- Rdm; Tot.				NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)					mR/Std.Qtr. +- Rdm; Tot.	
001	247	2.1	18.8 +- .6				17.5 +- .6	4.8
002	259	1.4	18.9 +- .6				17.6 +- .6	4.9
003	262	1.3	19.5 +- .6				18.2 +- .6	4.9
004	304	1.3	18.7 +- .6				17.5 +- .6	4.8
005	330	1.7	18.7 +- .6				17.5 +- .6	4.8
006	1	1.7	17.6 +- .6				16.4 +- .6	4.8
007	23	2	17.9 +- .6				16.7 +- .6	4.8
008	77	1.7	18.9 +- .6				17.7 +- .6	4.9
009	85	1.4	19.1 +- .6				17.9 +- .6	4.9
010	98	1.5	18.3 +- .6				17.1 +- .6	4.8
011	121	2	17.2 +- .6				16.8 +- .6	4.7
012	140	2	18.4 +- .6				17.2 +- .6	4.8
013	158	2.5	19.1 +- .6				17.8 +- .6	4.9
014	183	2.7	20.8 +- .6				18.7 +- .6	5.0
015	188	1.7	19.3 +- .6				18.8 +- .6	4.9
016	202	1.7	18.7 +- .6				17.4 +- .6	4.8
017	237	1.7	17.9 +- .6				16.7 +- .6	4.8
018	312	1.1	18.3 +- .6				16.9 +- .6	4.8
019	292	1.8	18.3 +- .6				17.1 +- .6	4.8
020	268	2.0	19.3 +- .6				17.9 +- .6	4.9
021	247	2.0	19.3 +- .6				18.8 +- .6	4.9
022	225	2.0	17.8 +- .6				16.5 +- .6	4.8
023	220	2.0	19.6 +- .6				18.2 +- .6	4.9
024	203	2.5	16.4 +- .6				15.3 +- .6	4.8
025	157	4.4	19.9 +- .6				18.6 +- .6	4.9
026	134	4.5	16.4 +- .6				15.4 +- .6	4.8
027	115	4.4	19.9 +- .6				17.7 +- .6	4.9
028	95	4.4	19.9 +- .6				18.9 +- .6	4.9
029	67	4.4	19.9 +- .6				18.3 +- .6	4.9
030	48	4.4	17.4 +- .6				16.3 +- .6	4.8
031	14	4.4	16.9 +- .6				16.3 +- .6	4.8
032	33	4.4	20.3 +- .6				17.9 +- .6	5.0
033	33	4.4	17.7 +- .6				16.6 +- .6	4.8
034	288	4.4	18.7 +- .6				18.4 +- .6	4.9
035	318	4.4	18.8 +- .6				17.7 +- .6	4.8
036	264	4.4	15.6 +- .6				14.4 +- .6	4.8
037	337	4.4	19.6 +- .6				18.3 +- .6	4.9
038	270	4.4	16.3 +- .6				15.1 +- .6	4.8
039	270	4.4	15.1 +- .6				14.9 +- .6	4.8
040	283	4.4	19.8 +- .6				17.8 +- .6	4.9

TRANSIT DOSE = .8 +- .3 ; 4.1

CALLAWAY
FOR THE PERIOD 851217-860410

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.8 $\pm$ 2.0	2
11.25-33.75 (NNE)	17.7 $\pm$ 1.4	2
33.75-56.25 (NE)	16.3 $\pm$ 0.0	1
56.25-78.75 (ENE)	18.2 $\pm$.7	2
78.75-101.25 (E)	17.7 $\pm$.8	3
101.25-123.75 (ESE)	16.8 $\pm$ 1.3	2
123.75-146.25 (SE)	16.3 $\pm$ 1.2	2
146.25-168.75 (SSE)	18.2 $\pm$.6	2
168.75-191.25 (S)	18.4 $\pm$.5	2
191.25-213.75 (SSW)	16.3 $\pm$ 1.6	2
213.75-236.25 (SW)	17.4 $\pm$ 1.2	2
236.25-258.75 (WSW)	17.6 $\pm$.7	4
258.75-281.25 (W)	16.5 $\pm$ 2.1	3
281.25-303.75 (WNW)	17.9 $\pm$.7	3
303.75-326.25 (NW)	17.3 $\pm$.3	3
326.25-348.75 (NNW)	16.8 $\pm$.8	2

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.3 $\pm$.6	14
2-5	17.4 $\pm$ 1.4	13
>5	17.5 $\pm$ 1.2	10
UPWIND CONTROL DATA	15.8 $\pm$ 2.0	3

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/std.Qtr. +- Rdm;Tot.
001	275 1.5	12.3 +- .4	11.1 +- .3
003	284 1.7	12.0 +- .4	10.8 +- .3
004	323 2.4	13.7 +- .4	12.3 +- .4
005	297 3.1	12.4 +- .4	11.1 +- .3
006	324 4.7	12.2 +- .4	11.0 +- .3
007	324 5.5	12.3 +- .4	11.0 +- .3
008	256 6.1	10.6 +- .3	9.5 +- .3
009	273 4.1	11.7 +- .4	10.5 +- .3
010	253 3.7	13.3 +- .4	11.9 +- .4
011	230 4	13.9 +- .4	12.5 +- .4
012	243 1.3	13.8 +- .4	12.4 +- .4
013	222 1.5	15.3 +- .5	13.8 +- .4
014	208 1.8	11.1 +- .3	9.9 +- .3
015	176 2.4	15.9 +- .5	14.3 +- .4
016	160 1.5	16.2 +- .5	14.6 +- .4
019	159 3.8	13.4 +- .4	12.1 +- .4
020	139 4.7	11.4 +- .3	10.3 +- .3
021	201 4	13.3 +- .4	12.0 +- .4
022	187 4.7	13.0 +- .4	11.7 +- .4
023	201 8.7	14.0 +- .4	12.6 +- .4
024	190 7.8	12.6 +- .4	11.3 +- .3
025	325 6.7	13.7 +- .4	12.3 +- .4
026	314 11.	12.7 +- .4	11.4 +- .3
027	314 11.	MISSING OR DAMAGED DOSIMETER	
028	315 10.	13.6 +- .4	12.2 +- .4
029	186 12.	15.4 +- .5	13.8 +- .4
TRANSIT DOSE = 0.0 +- .0 : 2.7			

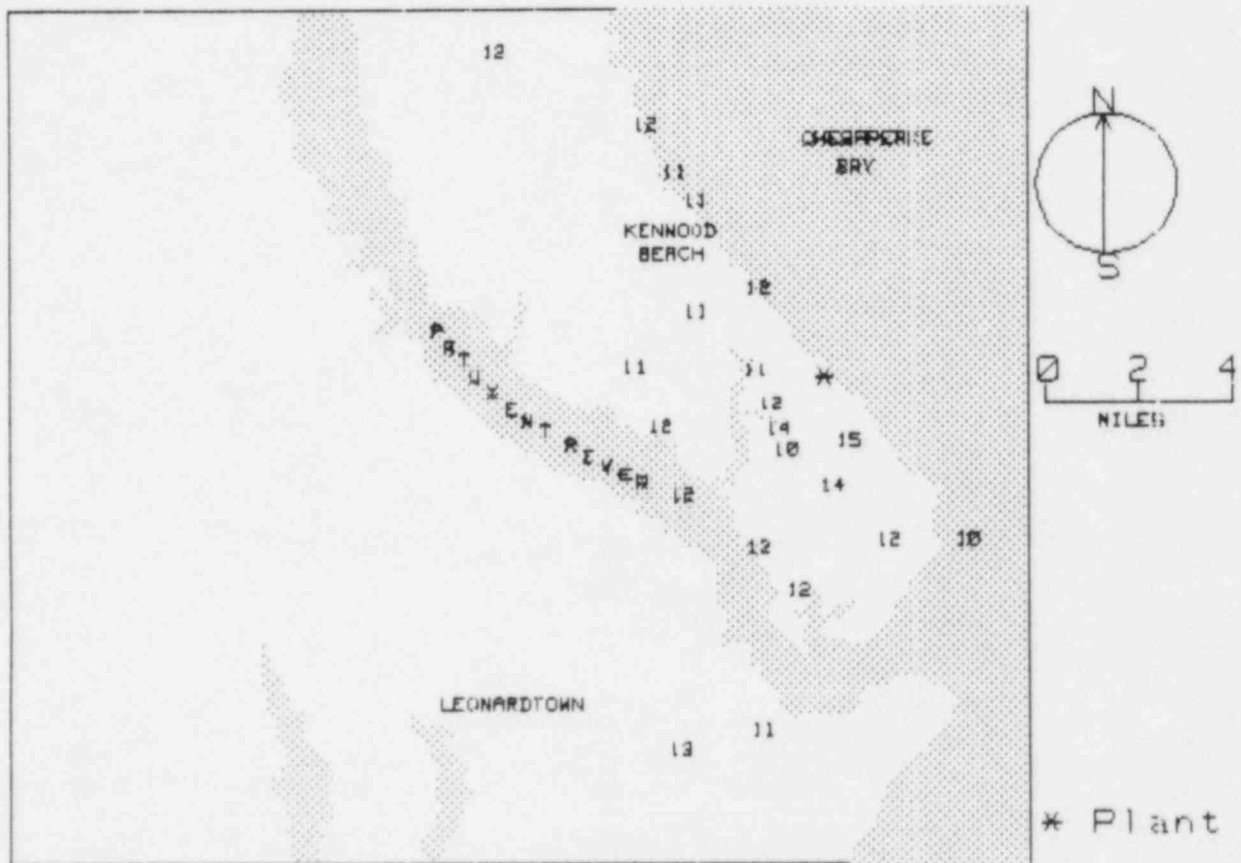
CALVERT CLIFFS
FOR THE PERIOD 860104-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	10.3 $\pm$ 0.0	1
146.25-168.75 (SSE)	13.3 $\pm$ 1.0	2
168.75-191.25 (S)	12.0 $\pm$ 1.5	4
191.25-213.75 (SSW)	11.5 $\pm$ 1.4	3
213.75-236.25 (SW)	13.1 $\pm$.9	2
236.25-258.75 (WSW)	11.3 $\pm$ 1.5	3
258.75-281.25 (W)	10.0 $\pm$.4	2
281.25-303.75 (WNW)	11.0 $\pm$.2	2
303.75-326.25 (NW)	11.7 $\pm$.8	4
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	12.1 $\pm$ 1.0	6
2-5	11.0 $\pm$ 1.1	11
>5	11.0 $\pm$ 1.5	6
UPWIND CONTROL DATA	11.0 $\pm$.6	2

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



NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/std.Qtr. +- Rdm; Tot.
001	134 0.1	25.2 +- .8	21.1 +- .8
002	162 0.4	23.3 +- .7	19.2 +- .8
003	132 0.8	26.9 +- .8	22.7 +- .8
004	111 1.3	22.0 +- .7	17.9 +- .7
005	045 0.7	22.6 +- .7	18.5 +- .7
006	298 1.3	24.7 +- .7	20.5 +- .8
007	004 0.6	23.0 +- .7	18.9 +- .8
008	332 1.5	28.2 +- .8	24.0 +- .9
009	318 1.6	19.8 +- .6	15.7 +- .7
010	176 1.8	MISSING OR DAMAGED DOSIMETER	
011	203 1.5	25.0 +- .8	20.9 +- .8
012	225 1.5	25.6 +- .8	21.4 +- .8
013	250 1.9	22.7 +- .7	18.6 +- .7
014	270 1.4	20.6 +- .6	16.5 +- .7
015	331 0.8	20.4 +- .6	16.3 +- .7
016	311 0.9	21.1 +- .6	17.0 +- .7
017	296 9.5	25.3 +- .8	21.1 +- .8
018	324 4.0	23.6 +- .7	19.5 +- .8
019	352 4.8	19.9 +- .6	15.8 +- .7
020	022 4.0	23.4 +- .7	19.3 +- .8
021	290 3.9	21.2 +- .6	17.1 +- .7
022	266 4.0	20.5 +- .6	16.4 +- .7
023	251 4.0	17.5 +- .5	13.5 +- .6
024	229 0.9	18.7 +- .6	14.7 +- .6
025	202 4.4	23.4 +- .7	19.3 +- .8
026	051 4.0	23.1 +- .7	19.0 +- .8
027	064 7.9	18.8 +- .6	14.8 +- .6
028	061 4.9	22.2 +- .7	18.1 +- .7
029	049 1.9	MISSING OR DAMAGED DOSIMETER	
030	064 1.8	20.9 +- .6	16.8 +- .7
031	087 1.6	19.4 +- .6	15.3 +- .7
032	121 2.6	22.9 +- .7	18.8 +- .7
033	114 7.6	20.0 +- .6	16.0 +- .7
034	093 4.	24.4 +- .7	20.2 +- .8
035	132 4.	27.1 +- .8	22.9 +- .9
036	163 8.	18.9 +- .6	14.9 +- .6
037	173 4.9	17.7 +- .5	13.7 +- .6
038	157 4.6	22.8 +- .7	18.7 +- .7
039	248 10.	21.5 +- .6	17.5 +- .7
040	229 12.	18.1 +- .5	14.1 +- .6
041	210 13.	18.1 +- .5	14.1 +- .6
042	213 16.	20.5 +- .6	16.5 +- .7
TRANSIT DOSE = 3.7 +- .3 : 5.0			

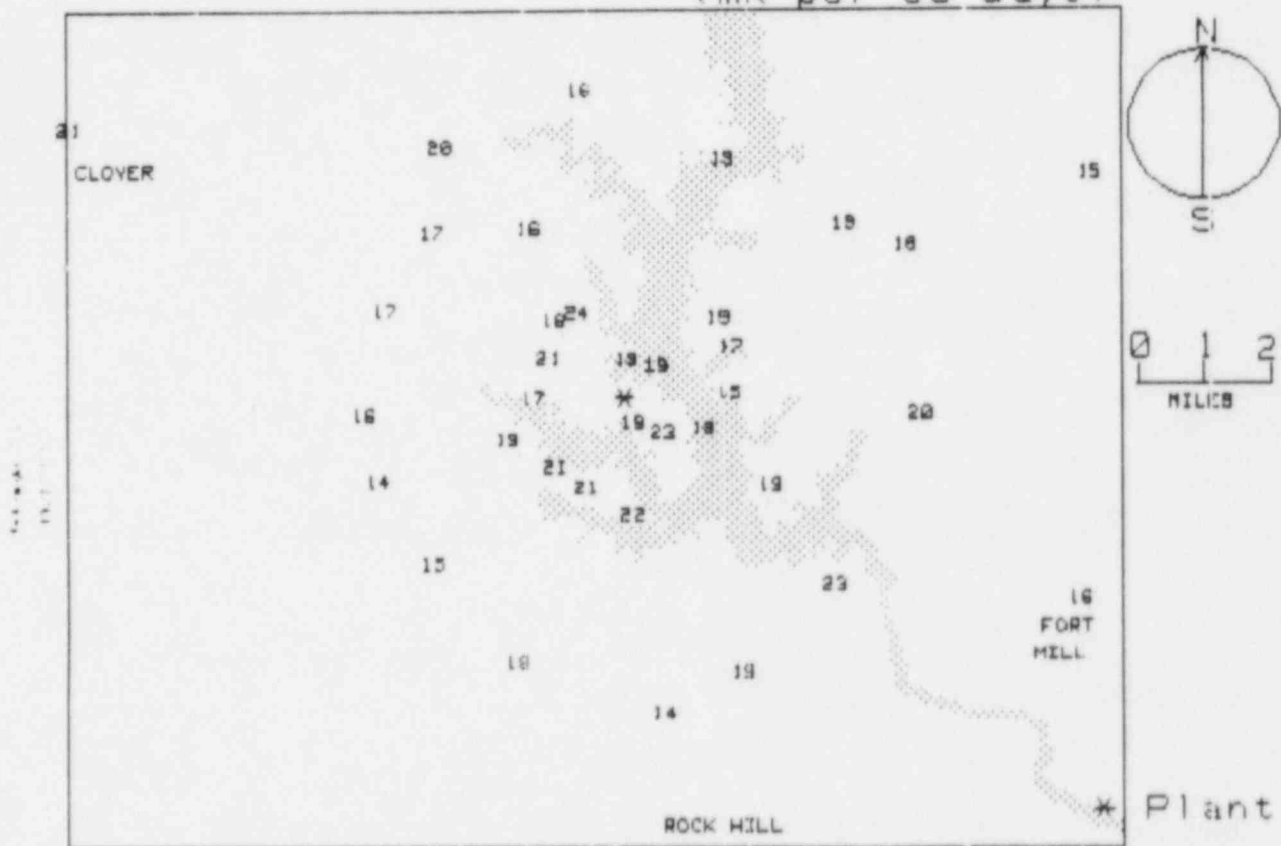
CATAWBA
FOR THE PERIOD 851217-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.4 $\pm$ 2.2	2
11.25-33.75 (NNE)	19.3 $\pm$ 0.0	1
33.75-56.25 (NE)	18.7 $\pm$.3	2
56.25-78.75 (ENE)	16.6 $\pm$ 1.7	3
78.75-101.25 (E)	17.8 $\pm$ 3.5	2
101.25-123.75 (ESE)	17.6 $\pm$ 1.5	3
123.75-146.25 (SE)	22.2 $\pm$ 1.0	3
146.25-168.75 (SSE)	17.6 $\pm$ 2.4	3
168.75-191.25 (S)	13.7 $\pm$ 0.0	1
191.25-213.75 (SSW)	20.1 $\pm$ 1.1	2
213.75-236.25 (SW)	18.1 $\pm$ 4.7	2
236.25-258.75 (WSW)	16.5 $\pm$ 2.7	3
258.75-281.25 (W)	16.5 $\pm$.1	2
281.25-303.75 (WNW)	19.6 $\pm$ 2.2	3
303.75-326.25 (NW)	17.4 $\pm$ 1.9	3
326.25-348.75 (NNW)	20.2 $\pm$ 5.4	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	19.2 $\pm$ 2.5	15
2-5	17.7 $\pm$ 2.4	17
>5	16.8 $\pm$ 2.6	5
UPWIND CONTROL DATA	14.9 $\pm$ 1.4	3

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



CLINTON
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851205-860328 114 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR) + Rdm; Tot.	NET EXPOSURE RATE mR/Std. Qtr. + Rdm; Tot.
	AZIMUTH (deg.)	DIST (mi.)		
001	35	0.0	10.0	17.0
002	7	0.0	10.0	17.0
003	26	0.0	20.0	19.0
004	16	0.0	10.0	10.0
005	10	0.0	10.0	10.0
006	23	0.0	10.0	17.0
007	8	0.0	10.0	17.0
008	22	0.0	10.0	17.0
009	22	0.0	10.0	17.0
010	7	0.0	10.0	17.0
011	10	0.0	10.0	17.0
012	11	0.0	10.0	17.0
013	12	0.0	10.0	17.0
014	11	0.0	10.0	17.0
015	10	0.0	10.0	17.0
016	8	0.0	10.0	17.0
017	3	0.0	10.0	17.0
018	3	0.0	10.0	17.0
019	7	0.0	10.0	17.0
020	6	0.0	10.0	17.0
021	6	0.0	10.0	17.0
022	6	0.0	10.0	17.0
023	6	0.0	10.0	17.0
024	4	0.0	10.0	17.0
025	4	0.0	10.0	17.0
026	4	0.0	10.0	17.0
027	4	0.0	10.0	17.0
028	4	0.0	10.0	17.0
029	4	0.0	10.0	17.0
030	4	0.0	10.0	17.0
031	4	0.0	10.0	17.0
032	4	0.0	10.0	17.0
033	4	0.0	10.0	17.0
034	4	0.0	10.0	17.0
035	4	0.0	10.0	17.0
036	4	0.0	10.0	17.0
037	4	0.0	10.0	17.0
038	4	0.0	10.0	17.0
039	4	0.0	10.0	17.0
040	4	0.0	10.0	17.0
041	4	0.0	10.0	17.0
042	4	0.0	10.0	17.0
043	4	0.0	10.0	17.0
044	4	0.0	10.0	17.0

TRANSIT DOSE = .8 + .2 4.0

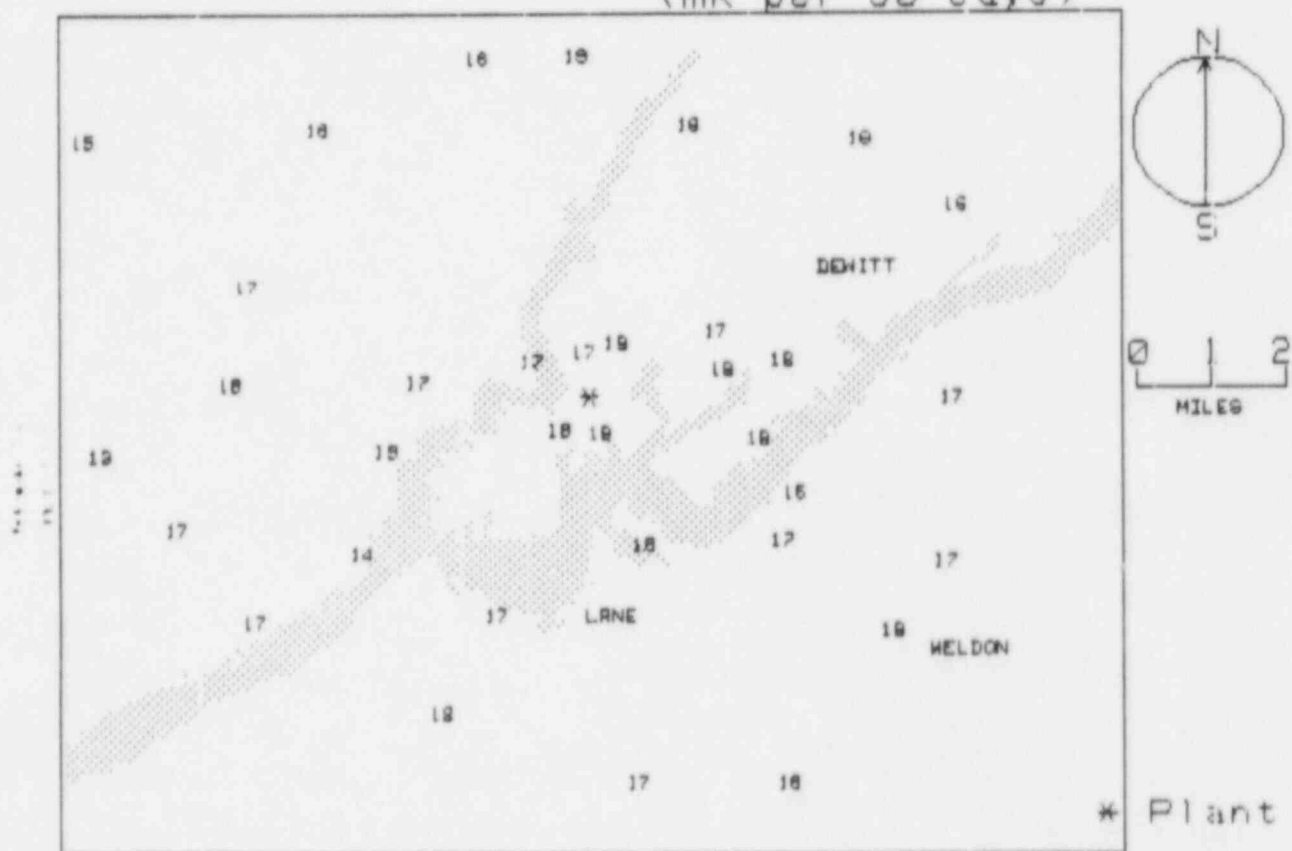
CLINTON
FOR THE PERIOD 851205-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.0 $\pm$.8	3
11.25-33.75 (NNE)	18.5 $\pm$.7	2
33.75-56.25 (NE)	17.6 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.3 $\pm$.7	4
78.75-101.25 (E)	17.7 $\pm$.8	2
101.25-123.75 (ESE)	16.8 $\pm$.9	3
123.75-146.25 (SE)	17.5 $\pm$.1	2
146.25-168.75 (SSE)	18.1 $\pm$.2	3
168.75-191.25 (S)	18.3 $\pm$ 1.0	3
191.25-213.75 (SSW)	17.4 $\pm$.5	2
213.75-236.25 (SW)	16.5 $\pm$ 1.7	3
236.25-258.75 (WSW)	17.8 $\pm$ 1.0	3
258.75-281.25 (W)	16.1 $\pm$ 2.3	3
281.25-303.75 (WNW)	16.3 $\pm$.9	3
303.75-326.25 (NW)	17.9 $\pm$.6	2
326.25-348.75 (NNW)	16.8 $\pm$.5	2

DISTANCE(m) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.7 $\pm$.6	12
2-5	17.5 $\pm$ 1.2	18
>5	16.8 $\pm$ 1.4	11
UPWIND CONTROL DATA	17.5 $\pm$ 1.5	3

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



COMANCHE PK.
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851216-860415 121 DAYS
FIELD TIME 85 DAYS

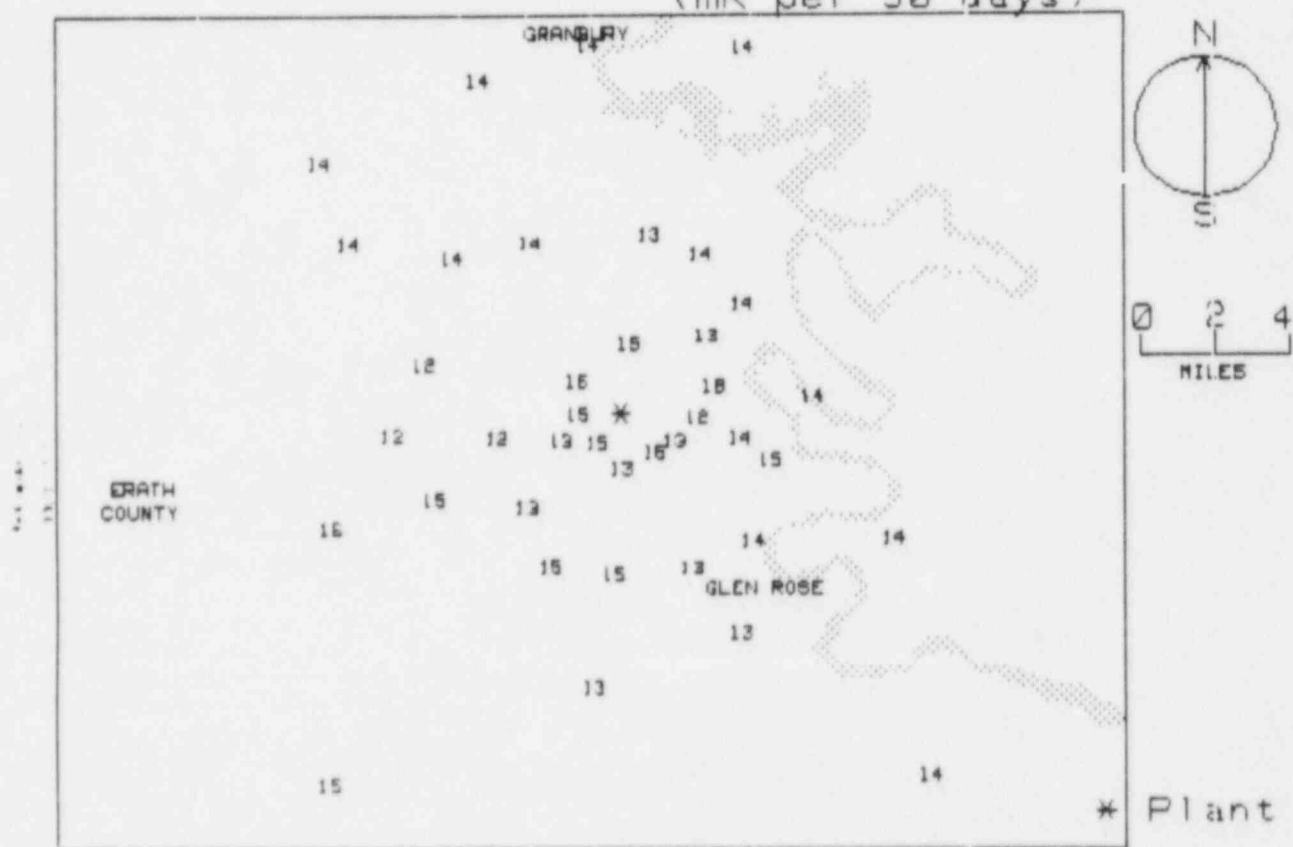
NRC STATION	LOCATION		GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
	AZIMUTH/DIST (deg.) (mi.)			
001	306	1.4	18.6 +- .7	15.6 +- .7
002	285	1.5	18.1 +- .7	15.1 +- .7
003	268	1.1	17.6 +- .7	14.6 +- .7
004	253	.9	17.0 +- .7	14.7 +- .7
005	218	1.0	16.2 +- .7	13.2 +- .7
006	200	1.1	15.4 +- .7	12.4 +- .7
007	180	1.4	15.7 +- .7	12.7 +- .7
008	163	1.1	15.0 +- .7	12.0 +- .7
009	148	1.1	14.9 +- .7	11.9 +- .7
010	118	1.1	14.9 +- .7	11.9 +- .7
011	93	1.1	14.9 +- .7	11.9 +- .7
012	73	1.1	14.9 +- .7	11.9 +- .7
013	44	1.1	14.9 +- .7	11.9 +- .7
014	15	1.1	14.9 +- .7	11.9 +- .7
015	18	1.1	14.9 +- .7	11.9 +- .7
016	18	1.1	14.9 +- .7	11.9 +- .7
017	18	1.1	14.9 +- .7	11.9 +- .7
018	18	1.1	14.9 +- .7	11.9 +- .7
019	18	1.1	14.9 +- .7	11.9 +- .7
020	18	1.1	14.9 +- .7	11.9 +- .7
021	18	1.1	14.9 +- .7	11.9 +- .7
022	18	1.1	14.9 +- .7	11.9 +- .7
023	18	1.1	14.9 +- .7	11.9 +- .7
024	18	1.1	14.9 +- .7	11.9 +- .7
025	18	1.1	14.9 +- .7	11.9 +- .7
026	18	1.1	14.9 +- .7	11.9 +- .7
027	18	1.1	14.9 +- .7	11.9 +- .7
028	18	1.1	14.9 +- .7	11.9 +- .7
029	18	1.1	14.9 +- .7	11.9 +- .7
030	18	1.1	14.9 +- .7	11.9 +- .7
031	18	1.1	14.9 +- .7	11.9 +- .7
032	18	1.1	14.9 +- .7	11.9 +- .7
033	18	1.1	14.9 +- .7	11.9 +- .7
034	18	1.1	14.9 +- .7	11.9 +- .7
035	18	1.1	14.9 +- .7	11.9 +- .7
036	18	1.1	14.9 +- .7	11.9 +- .7
037	18	1.1	14.9 +- .7	11.9 +- .7
038	18	1.1	14.9 +- .7	11.9 +- .7
039	18	1.1	14.9 +- .7	11.9 +- .7
040	18	1.1	14.9 +- .7	11.9 +- .7
041	18	1.1	14.9 +- .7	11.9 +- .7
042	18	1.1	14.9 +- .7	11.9 +- .7
043	18	1.1	14.9 +- .7	11.9 +- .7
044	18	1.1	14.9 +- .7	11.9 +- .7
045	18	1.1	14.9 +- .7	11.9 +- .7
046	18	1.1	14.9 +- .7	11.9 +- .7
047	18	1.1	14.9 +- .7	11.9 +- .7
TRANSIT DOSE = 3.8 +- .3 4.8				

COMANCHE PK.
FOR THE PERIOD 851216-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	14.0 $\pm$.9	3
11.25-33.75 (NNE)	14.1 $\pm$.1	2
33.75-56.25 (NE)	13.4 $\pm$.8	2
56.25-78.75 (ENE)	17.6 $\pm$ 0.0	1
78.75-101.25 (E)	12.8 $\pm$.8	3
101.25-123.75 (ESE)	13.8 $\pm$ 1.9	2
123.75-146.25 (SE)	14.7 $\pm$ 1.1	3
146.25-168.75 (SSE)	13.8 $\pm$ 1.7	3
168.75-191.25 (S)	13.7 $\pm$ 1.5	3
191.25-213.75 (SSW)	14.4 $\pm$ 1.5	2
213.75-236.25 (SW)	14.5 $\pm$ 1.1	3
236.25-258.75 (WSW)	14.3 $\pm$ 1.4	5
258.75-281.25 (W)	13.5 $\pm$ 1.5	2
281.25-303.75 (WNW)	13.5 $\pm$ 1.3	4
303.75-326.25 (NW)	14.8 $\pm$.7	3
326.25-348.75 (NNW)	13.9 $\pm$.3	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.2 $\pm$ 1.3	15
2-5	14.1 $\pm$ 1.4	14
>5	13.8 $\pm$ 1.1	14
UPWIND CONTROL DATA	NO DATA	NO DATA



COOPER
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851216-860423 129 DAYS
FIELD TIME 99 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	363 2.4	23.1 +- .7	NO NET DATA
002	6 3.5	25.9 +- .8	NO NET DATA
003	18 2.7	25.3 +- .8	NO NET DATA
004	16 3.2	25.0 +- .8	NO NET DATA
005	47 1.9	25.5 +- .8	NO NET DATA
006	40 3.6	24.5 +- .7	NO NET DATA
007	75 2.7	24.1 +- .7	NO NET DATA
008	55 2.8	24.8 +- .7	NO NET DATA
009	80 2.1	26.3 +- .8	NO NET DATA
010	98 3.7	25.8 +- .8	NO NET DATA
011	118 2.3	25.7 +- .8	NO NET DATA
012	109 4.6	25.1 +- .8	NO NET DATA
013	141 3.2	25.9 +- .8	NO NET DATA
014	126 5.6	23.1 +- .7	NO NET DATA
015	159 2.7	24.8 +- .7	NO NET DATA
016	167 4.9	26.3 +- .8	NO NET DATA
017	205 6.3	25.0 +- .7	NO NET DATA
018	186 4.7	25.9 +- .8	NO NET DATA
019	213 3.8	25.7 +- .8	NO NET DATA
020	195 4.9	25.8 +- .8	NO NET DATA
021	222 2.3	23.4 +- .7	NO NET DATA
022	215 5.7	26.7 +- .8	NO NET DATA
023	256 1.5	26.3 +- .8	NO NET DATA
024	238 5.2	26.5 +- .8	NO NET DATA
025	276 2.2	25.7 +- .8	NO NET DATA
026	260 3.8	26.2 +- .8	NO NET DATA
027	301 1.8	25.3 +- .8	NO NET DATA
028	286 4.3	25.6 +- .8	NO NET DATA
029	324 2.8	24.6 +- .7	NO NET DATA
030	333 3.7	26.3 +- .8	NO NET DATA
031	343 3.6	26.9 +- .8	NO NET DATA
032	333 3.7	25.2 +- .8	NO NET DATA
033	215 1.8	25.6 +- .8	NO NET DATA
034	173 18.	25.9 +- .8	NO NET DATA
035	333 23.	23.9 +- .7	NO NET DATA
036	210 19.	26.2 +- .8	NO NET DATA
037	64 7.8	28.6 +- .9	NO NET DATA
038	329 9.8	26.2 +- .8	NO NET DATA
039	276 10.	25.8 +- .8	NO NET DATA
040	300 2.5	26.6 +- .8	NO NET DATA
042	93 3.5	25.8 +- .8	NO NET DATA
043	270 2.2	26.3 +- .8	NO NET DATA
049	245 1.6	MISSING OR DAMAGED DOSIMETER	

NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

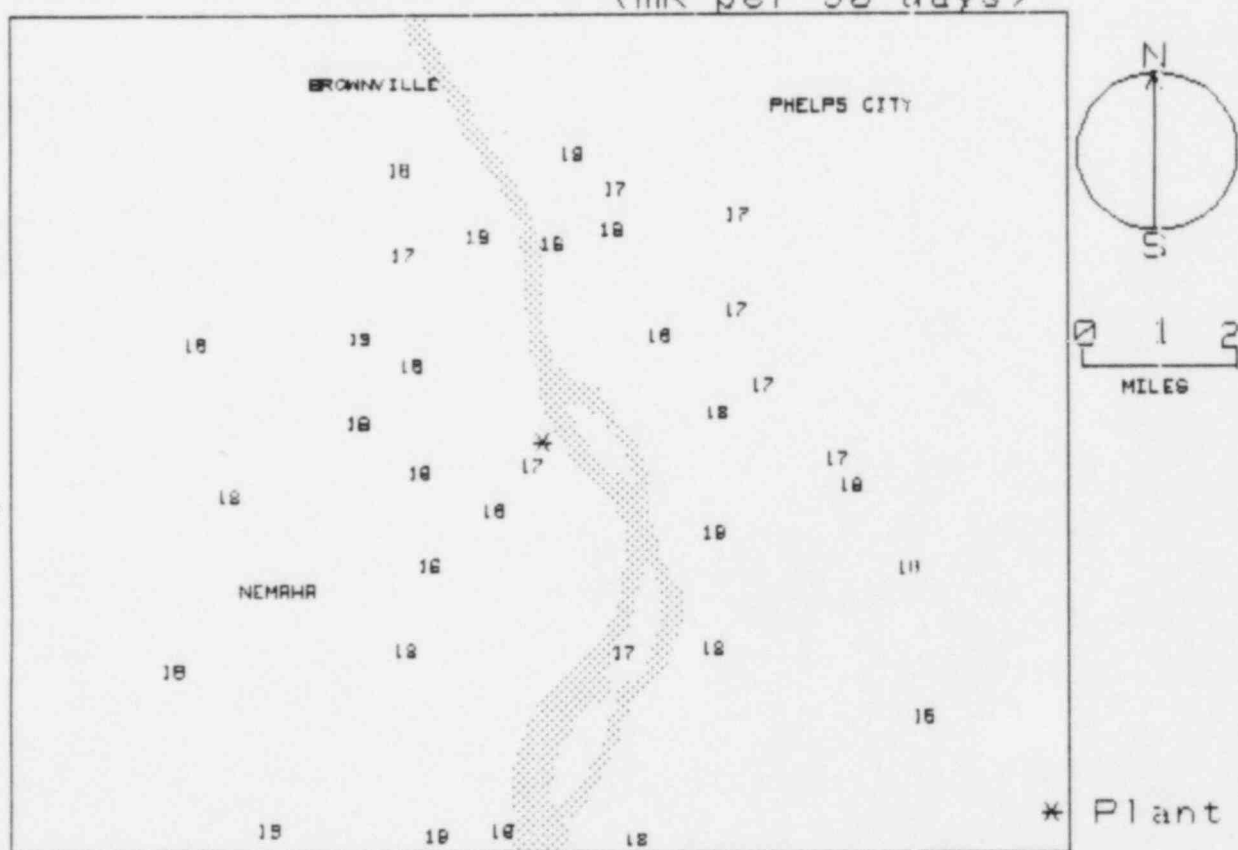
COOPER
FOR THE PERIOD 851216-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	22.2 $\pm$ 1.8	2
11.25-33.75 (NNE)	22.8 $\pm$.2	2
33.75-56.25 (NE)	22.6 $\pm$.5	3
56.25-78.75 (ENE)	23.8 $\pm$ 2.9	2
78.75-101.25 (E)	23.3 $\pm$.8	3
101.25-123.75 (ESE)	23.1 $\pm$.4	2
123.75-146.25 (SE)	22.3 $\pm$ 1.8	2
146.25-168.75 (SSE)	23.2 $\pm$ 1.0	2
168.75-191.25 (S)	23.5 $\pm$ 0.0	1
191.25-213.75 (SSW)	23.1 $\pm$.4	3
213.75-236.25 (SW)	22.8 $\pm$ 1.5	3
236.25-258.75 (WSW)	24.0 $\pm$.1	2
258.75-281.25 (W)	23.6 $\pm$.3	4
281.25-303.75 (WNW)	23.5 $\pm$.8	3
303.75-326.25 (NW)	22.3 $\pm$ 0.0	1
326.25-348.75 (NNW)	23.8 $\pm$.7	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	22.9 $\pm$.9	6
2-5	23.2 $\pm$.8	27
>5	23.8 $\pm$ 1.6	6
UPWIND CONTROL DATA	23.0 $\pm$ 1.1	3

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



CRYSTAL RIVER
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860415 119 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std.Qtr. + Rdm	Tot.
006	61	4.2	15.0	2.3	11.4	5.2
007	50	3.8	14.7	2.2	11.1	5.2
008	20	5.2	15.8	2.4	12.2	5.2
009	6	5.4	MISSING OR DAMAGED DOSIMETER			
010	348	5.0	16.6	2.5	12.9	5.3
011	334	4.8	16.9	2.5	13.2	5.3
012	318	4.8	15.8	2.4	12.2	5.2
013	79	3.8	16.5	2.5	12.8	5.3
014	95	4.1	MISSING OR DAMAGED DOSIMETER			
015	89	1.8	18.1	2.7	14.4	5.4
016	113	5.0	15.4	2.3	11.8	5.2
017	133	5.5	18.4	2.8	14.7	5.4
018	74	8.1	15.2	2.3	11.5	5.2
019	127	7.8	16.2	2.4	12.6	5.3
020	150	12	14.4	2.2	10.9	5.2
021	159	13	16.6	2.5	13.0	5.3
022	158	13	15.1	2.3	11.5	5.2
023	158	21	18.3	2.7	14.6	5.4
024	158	21	14.0	2.1	10.5	5.1
025	56	6.1	19.1	2.9	15.4	5.5
026	357	5.2	17.5	2.6	13.8	5.4
027	90	13	16.1	2.4	12.5	5.3
028	140	4.8	17.1	2.6	13.5	5.3
TRANSIT DOSE = 3.2 +- .3 ; 4.9						

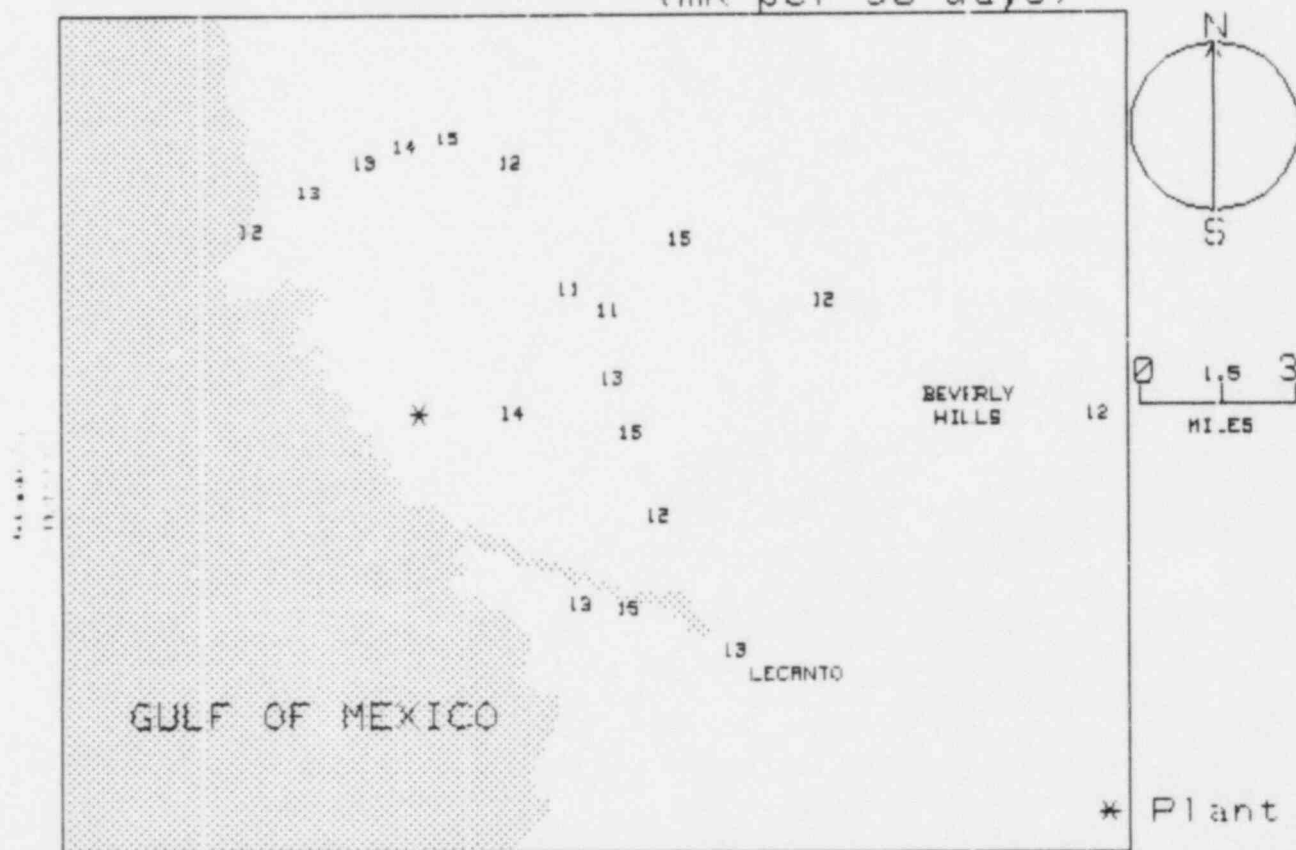
CRYSTAL RIVER
FOR THE PERIOD 851218-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.8 $\pm$ 0.0	1
11.25-33.75 (NNE)	12.2 $\pm$ 0.0	1
33.75-56.25 (NE)	13.3 $\pm$ 3.0	2
56.25-78.75 (ENE)	11.5 $\pm$.1	2
78.75-101.25 (E)	13.2 $\pm$ 1.1	3
101.25-123.75 (ESE)	11.8 $\pm$ 0.0	1
123.75-146.25 (SE)	13.6 $\pm$ 1.0	3
146.25-168.75 (SSE)	11.9 $\pm$ 1.5	2
168.75-191.25 (S)	NO DATA $\pm$ NO DATA	0
191.25-213.75 (SSW)	NO DATA $\pm$ NO DATA	0
213.75-236.25 (SW)	NO DATA $\pm$ NO DATA	0
236.25-258.75 (WSW)	NO DATA $\pm$ NO DATA	0
258.75-281.25 (W)	NO DATA $\pm$ NO DATA	0
281.25-303.75 (WNW)	NO DATA $\pm$ NO DATA	0
303.75-326.25 (NW)	12.2 $\pm$ 0.0	1
326.25-348.75 (NNW)	13.1 $\pm$.2	2

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.4 $\pm$ 0.0	1
2-5	12.4 $\pm$.9	8
>5	13.0 $\pm$ 1.5	9
UPWIND CONTROL DATA	12.2 $\pm$ 2.2	3

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



DAVIS BESSE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860403 109 DAYS
 FIELD TIME 84 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	50	0.6	11.6 +- .3	1.7	10.8 +- .5	4.6
002	86	0.9	12.8 +- .4	1.9	12.0 +- .5	4.7
003	116	1.4	14.4 +- .4	2.2	13.7 +- .5	4.8
004	172	0.8	15.8 +- .5	2.4	15.2 +- .6	4.9
005	200	1.5	16.7 +- .5	2.5	16.2 +- .6	5.0
006	226	1.0	14.8 +- .4	2.2	14.2 +- .5	4.9
007	249	1.5	16.4 +- .5	2.5	15.9 +- .6	5.0
008	267	1.8	16.0 +- .5	2.4	15.4 +- .6	5.0
009	285	1.8	16.7 +- .5	2.5	16.2 +- .6	5.0
010	306	1.5	15.7 +- .5	2.3	15.1 +- .6	4.9
011	344	0.9	MISSING OR DAMAGED DOSIMETER			
012	142	4.5	16.4 +- .5	2.5	15.9 +- .6	5.0
013	158	4.0	17.7 +- .5	2.7	17.3 +- .6	5.1
014	180	3.8	15.2 +- .5	2.3	14.6 +- .6	4.9
015	207	4.8	15.2 +- .5	2.3	14.6 +- .6	4.9
016	225	4.5	15.4 +- .5	2.3	14.8 +- .6	4.9
017	254	2.7	18.4 +- .5	3.0	18.0 +- .7	5.2
018	269	3.0	16.2 +- .5	2.4	15.6 +- .6	5.0
019	295	5.0	17.1 +- .5	2.6	16.7 +- .6	5.1
020	25	0.5	12.1 +- .4	1.8	11.2 +- .5	4.7
021	132	9.7	17.1 +- .5	2.6	16.7 +- .6	5.1
022	210	6.5	17.5 +- .5	2.6	17.1 +- .6	5.1
TRANSIT DOSE = 1.6 +- .3 ; 4.0						

4
 5
 6

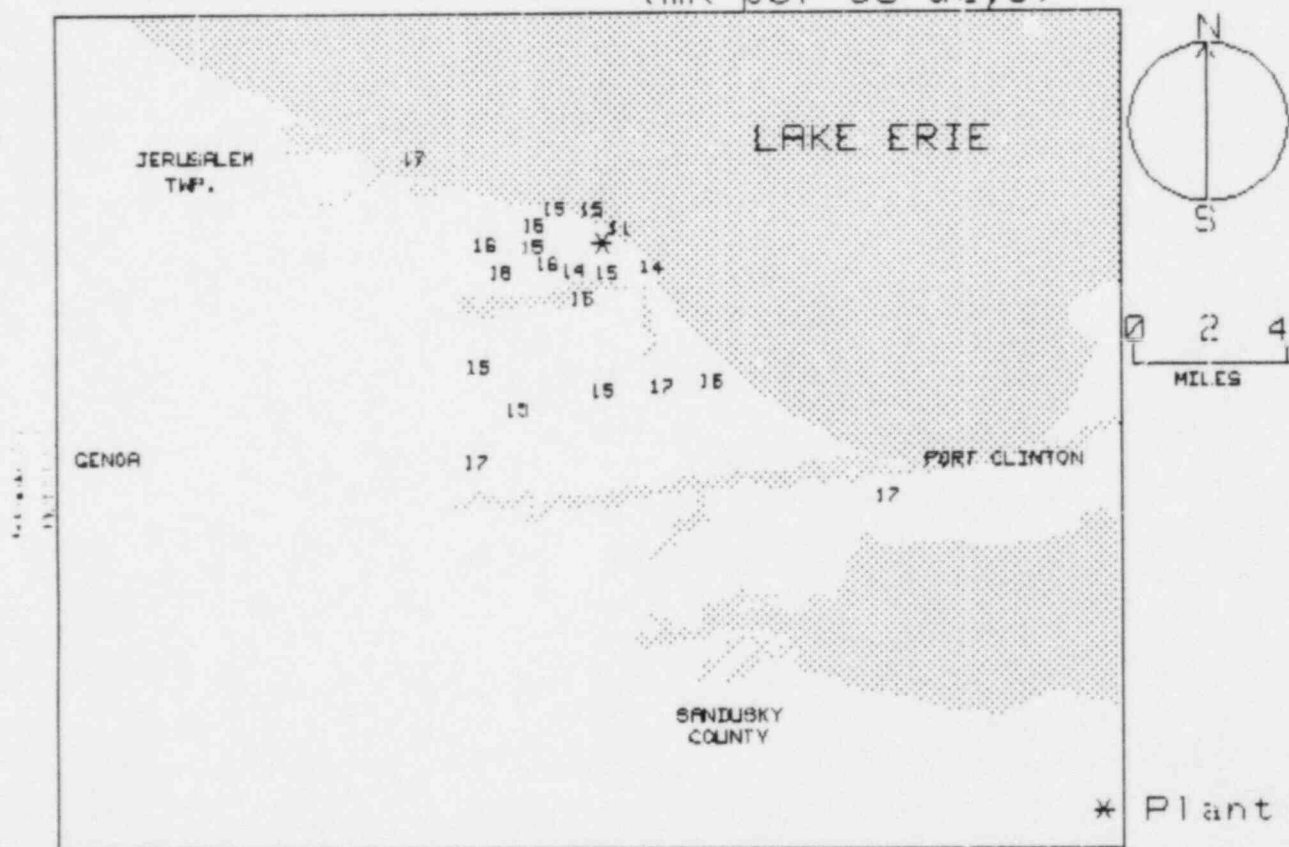
DAVIS BESSE
FOR THE PERIOD 851216-860403

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	11.2 $\pm$ 0.0	1
33.75-56.25 (NE)	10.8 $\pm$ 0.0	1
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	12.0 $\pm$ 0.0	1
101.25-123.75 (ESE)	13.7 $\pm$ 0.0	1
123.75-146.25 (SE)	15.9 $\pm$ 0.0	1
146.25-168.75 (SSE)	17.3 $\pm$ 0.0	1
168.75-191.25 (S)	14.9 $\pm$.5	2
191.25-213.75 (SSW)	15.4 $\pm$ 1.2	2
213.75-236.25 (SW)	14.5 $\pm$.4	2
236.25-258.75 (WSW)	17.0 $\pm$ 1.5	2
258.75-281.25 (W)	15.5 $\pm$.2	2
281.25-303.75 (WNW)	16.4 $\pm$.3	2
303.75-326.25 (NW)	15.1 $\pm$ 0.0	1
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.2 $\pm$ 2.0	11
2-5	15.8 $\pm$ 1.4	7
>5	16.7 $\pm$ 0.0	1
UPWIND CONTROL DATA	16.9 $\pm$.3	2

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



D.C. COOK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860423 129 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std.Qtr. + Rdm	Tot.		
001	54	1.7	19.2	+- .6	2.9	13.6	+- .7	6.1
002	67	1.3	19.8	+- .6	3.0	14.2	+- .7	6.1
003	89	1.1	19.6	+- .6	2.9	14.0	+- .7	6.1
004	58	0.7	17.9	+- .5	2.7	12.4	+- .6	6.0
005	19	2.3	19.4	+- .6	2.9	13.8	+- .7	6.1
006	111	1.6	19.1	+- .6	2.9	13.6	+- .7	6.1
007	135	1.5	18.8	+- .6	2.8	13.3	+- .7	6.1
008	158	1.4	19.1	+- .6	2.9	13.5	+- .7	6.1
009	171	1.9	17.7	+- .5	2.6	12.2	+- .6	6.0
010	199	1.5	18.5	+- .6	2.8	13.0	+- .7	6.0
011	195	3.9	19.5	+- .6	2.9	13.9	+- .7	6.1
012	200	6.6	20.5	+- .6	3.1	15.0	+- .7	6.2
013	179	2.9	21.8	+- .7	3.3	16.2	+- .7	6.3
014	151	4.4	23.2	+- .7	3.5	17.6	+- .8	6.4
015	138	4.6	22.1	+- .7	3.3	16.5	+- .7	6.3
016	110	3.7	19.8	+- .6	3.0	14.3	+- .7	6.1
017	88	3.6	19.3	+- .6	2.9	13.7	+- .7	6.1
018	67	3.8	18.3	+- .5	2.7	12.8	+- .7	6.0
019	24	3.8	18.8	+- .5	2.7	12.5	+- .6	6.0
020	43	3.3	20.2	+- .6	3.0	14.7	+- .7	6.2
021	26	9.9	22.2	+- .7	3.3	16.6	+- .8	6.3
022	121	10.	18.7	+- .6	2.8	13.2	+- .7	6.1
023	121	10.	18.7	+- .6	2.8	13.2	+- .7	6.1
024	121	10.	21.3	+- .6	3.2	15.7	+- .7	6.2

TRANSIT DOSE = 5.2 +- .4 ; 5.5

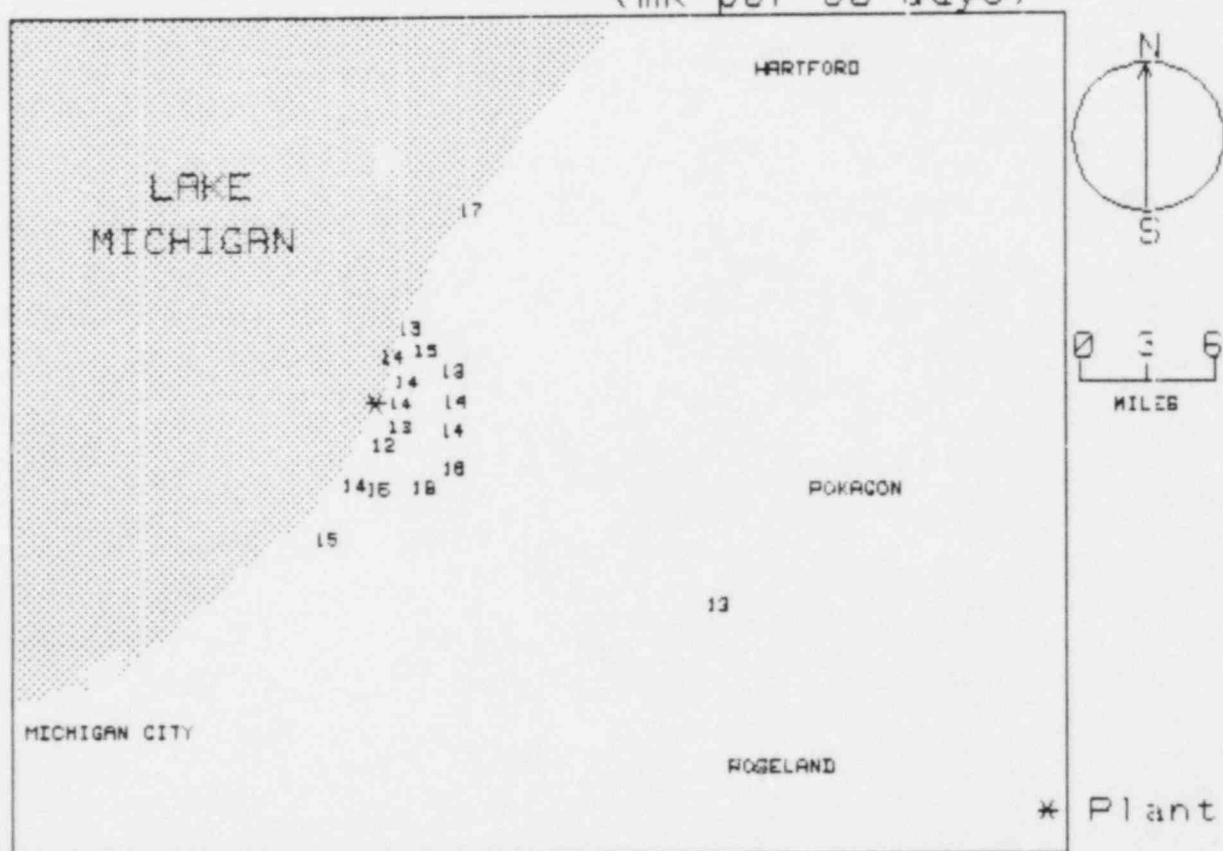
D.C. COOK
FOR THE PERIOD 851216-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	14.3 $\pm$ 2.1	3
33.75-56.25 (NE)	14.2 $\pm$.7	2
56.25-78.75 (ENE)	13.1 $\pm$ 1.0	3
78.75-101.25 (E)	13.9 $\pm$.2	2
101.25-123.75 (ESE)	13.9 $\pm$.5	2
123.75-146.25 (SE)	14.9 $\pm$ 2.2	2
146.25-168.75 (SSE)	15.6 $\pm$ 2.9	2
168.75-191.25 (S)	14.2 $\pm$ 2.0	2
191.25-213.75 (SSW)	13.9 $\pm$ 1.0	3
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	13.3 $\pm$.7	9
2-5	14.6 $\pm$ 1.7	10
>5	15.8 $\pm$ 1.2	2
UPWIND CONTROL DATA	14.0 $\pm$ 1.4	3

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



DIABLO CANYON
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860415 121 DAYS
 FIELD TIME 72 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	125	1.0	26.2 +- .8	3.9	23.5 +- 1.1	8.4
002	119	4.2	23.3 +- .7	3.5	19.9 +- 1.0	8.1
003	107	6.9	23.0 +- .7	3.4	19.5 +- 1.0	8.1
004	109	11.	21.5 +- .6	3.2	17.7 +- .9	8.0
005	113	14.	23.3 +- .7	3.5	19.9 +- 1.0	8.1
006	68	9.6	23.9 +- .7	3.6	20.7 +- 1.0	8.2
007	359	11.	20.2 +- .6	3.0	16.1 +- .9	7.8
008	359	6.6	19.4 +- .6	2.9	15.0 +- .9	7.8
009	339	4.7	17.1 +- .5	2.6	12.2 +- .8	7.6
010	328	3.0	18.7 +- .6	2.8	14.1 +- .9	7.7
011	332	1.3	20.6 +- .6	3.1	16.6 +- .9	7.9
012	37	21.	23.5 +- .7	3.5	20.1 +- 1.0	8.2
013	37	21.	23.1 +- .7	3.5	19.6 +- 1.0	8.1
014	37	21.	23.7 +- .7	3.6	20.4 +- 1.0	8.2
TRANSIT DOSE = 7.4 +- .4 ; 5.5						

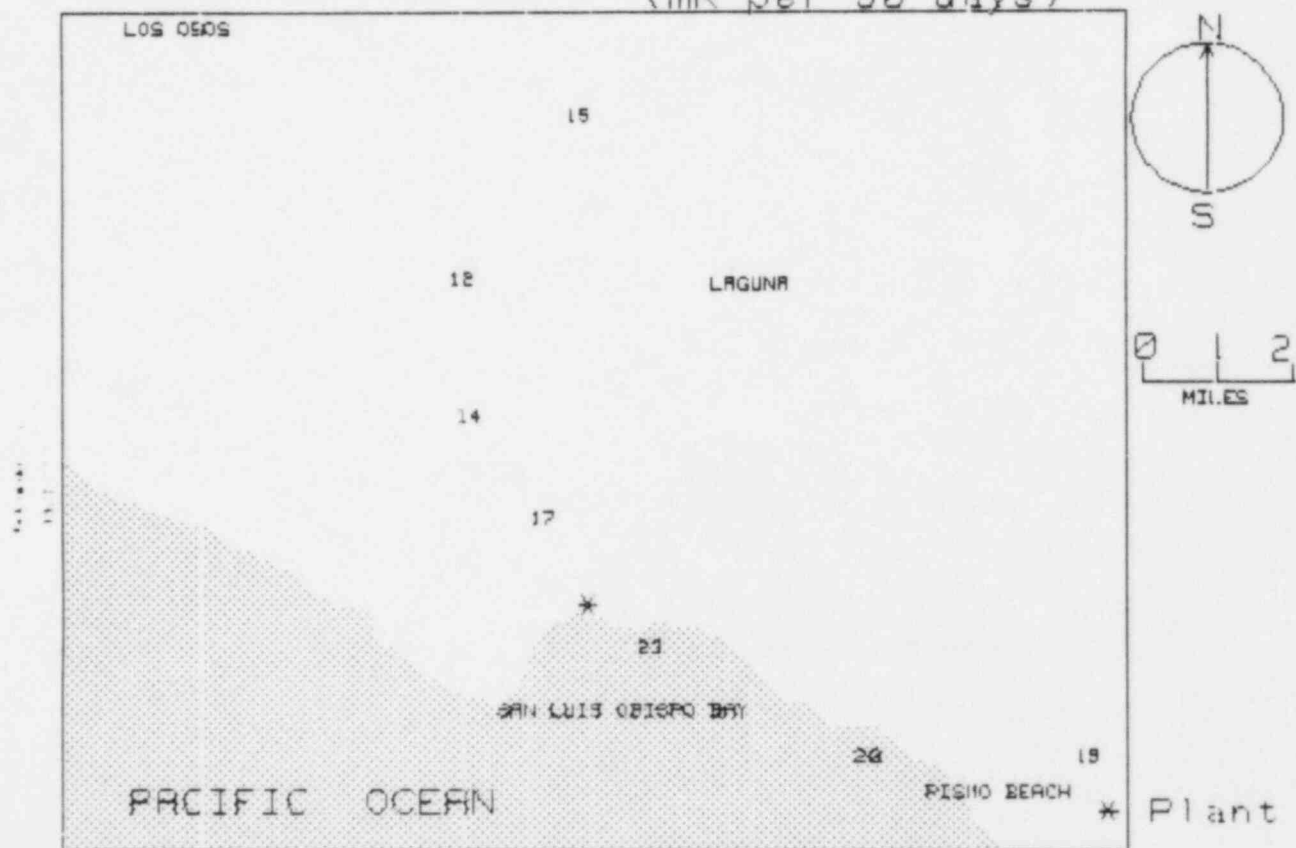
DIABLO CANYON
FOR THE PERIOD 851216-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.5 $\pm$.8	2
11.25-33.75 (NNE)	NO DATA--NO DATA	0
33.75-56.25 (NE)	NO DATA--NO DATA	0
56.25-78.75 (ENE)	20.7 $\pm$ 0.0	1
78.75-101.25 (E)	NO DATA--NO DATA	0
101.25-123.75 (ESE)	19.3 $\pm$ 1.1	4
123.75-146.25 (SE)	23.5 $\pm$ 0.0	1
146.25-168.75 (SSE)	NO DATA--NO DATA	0
168.75-191.25 (S)	NO DATA--NO DATA	0
191.25-213.75 (SSW)	NO DATA--NO DATA	0
213.75-236.25 (SW)	NO DATA--NO DATA	0
236.25-258.75 (WSW)	NO DATA--NO DATA	0
258.75-281.25 (W)	NO DATA--NO DATA	0
281.25-303.75 (WNW)	NO DATA--NO DATA	0
303.75-326.25 (NW)	NO DATA--NO DATA	0
326.25-348.75 (NNW)	14.3 $\pm$ 2.2	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	20.0 $\pm$ 4.9	2
2-5	15.4 $\pm$ 4.0	3
>5	18.1 $\pm$ 2.3	6
UPWIND CONTROL DATA	20.1 $\pm$.4	3

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



DRESDEN
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851205-860328 114 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	70	4.2	22.8 +- .7	3.4	21.6 +- .7	5.2
002	92	3.9	16.8 +- .5	2.5	15.7 +- .5	4.7
003	119	3.2	18.4 +- .6	2.8	17.3 +- .6	4.9
004	134	1.3	14.9 +- .4	2.2	13.8 +- .4	4.6
005	115	1.5	15.3 +- .5	2.3	14.2 +- .5	4.6
006	180	1.9	MISSING OR DAMAGED DOSIMETER			
007	179	0.5	16.5 +- .5	2.5	15.4 +- .5	4.7
008	166	0.7	15.5 +- .5	2.2	14.4 +- .5	4.6
009	205	0.5	17.6 +- .5	2.6	16.4 +- .5	4.8
010	224	0.7	23.4 +- .7	3.5	22.2 +- .7	5.3
011	250	0.9	15.8 +- .5	2.4	14.7 +- .5	4.6
012	263	1.6	18.7 +- .6	2.8	17.5 +- .6	4.9
013	180	4.0	14.5 +- .4	2.2	13.4 +- .4	4.6
014	158	4.8	15.1 +- .5	2.3	14.8 +- .5	4.6
015	137	4.2	16.1 +- .5	2.4	15.8 +- .5	4.7
016	134	8.4	15.7 +- .5	2.3	14.6 +- .5	4.6
017	189	7.4	16.4 +- .5	2.5	15.3 +- .5	4.7
018	203	4.1	13.8 +- .4	2.1	12.7 +- .4	4.5
019	231	3.8	18.5 +- .6	2.8	17.4 +- .6	4.9
020	244	6.4	18.6 +- .6	3.0	17.4 +- .6	4.9
021	258	8.6	18.8 +- .6	3.0	17.7 +- .6	4.9
022	269	4.4	14.9 +- .4	2.3	13.8 +- .4	4.6
023	295	3.0	18.4 +- .6	2.8	17.3 +- .6	4.9
024	311	3.9	16.6 +- .5	2.5	15.5 +- .5	4.7
025	340	4.7	19.8 +- .6	3.0	18.7 +- .6	5.3
026	7	4.4	16.4 +- .5	2.5	15.3 +- .5	4.7
027	1	2.0	28.6 +- .7	4.1	27.5 +- .7	5.8
028	327	1.7	28.7 +- .7	4.1	27.6 +- .7	5.8
029	318	1.4	19.8 +- .5	2.9	17.9 +- .5	4.9
030	301	1.9	16.9 +- .5	2.6	15.8 +- .5	4.7
031	30	1.5	19.7 +- .6	2.9	18.5 +- .6	5.0
032	48	1.9	21.0 +- .6	3.0	19.9 +- .6	5.1
033	76	1.4	19.7 +- .5	2.9	18.5 +- .5	5.0
034	90	1.4	19.3 +- .5	2.9	18.1 +- .5	4.9
035	26	4.5	18.7 +- .5	2.8	17.6 +- .5	4.9
036	42	3.6	16.6 +- .5	2.5	15.5 +- .5	4.7
037	52	12.	17.6 +- .5	2.8	16.5 +- .5	4.8
038	274	24.	17.7 +- .5	2.8	16.5 +- .5	4.8
039	274	24.	18.8 +- .5	2.9	17.6 +- .5	4.8
040	275	24.	19.6 +- .5	2.9	18.4 +- .5	5.0

TRANSIT DOSE = .9 +- .3 ; 4.1

DRESDEN
FOR THE PERIOD 851205-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.4 $\pm$ 2.9	2
11.25-33.75 (NNE)	18.1 $\pm$.7	2
33.75-56.25 (NE)	17.3 $\pm$ 2.3	3
56.25-78.75 (ENE)	20.1 $\pm$ 2.2	2
78.75-101.25 (E)	16.8 $\pm$ 1.7	2
101.25-123.75 (ESE)	15.7 $\pm$ 2.2	2
123.75-146.25 (SE)	14.5 $\pm$.6	3
146.25-168.75 (SSE)	14.2 $\pm$.2	2
168.75-191.25 (S)	14.7 $\pm$ 1.1	3
191.25-213.75 (SSW)	14.6 $\pm$ 2.7	2
213.75-236.25 (SW)	19.8 $\pm$ 3.4	2
236.25-258.75 (WSW)	16.6 $\pm$ 1.7	3
258.75-281.25 (W)	15.7 $\pm$ 2.7	2
281.25-303.75 (WNW)	16.5 $\pm$ 1.0	2
303.75-326.25 (NW)	16.7 $\pm$ 1.7	2
326.25-348.75 (NNW)	19.1 $\pm$.6	2

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	17.3 $\pm$ 2.4	16
2-5	16.0 $\pm$ 2.3	15
>5	16.3 $\pm$ 1.3	5
UPWIND CONTROL DATA	17.3 $\pm$ 1.0	3

MAP FOR DRESDEN

Map will be provided for this site in the future.

DUANE ARNOLD
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851216-860401 107 DAYS
FIELD TIME 87 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std.Qtr. + Rdm	Tot.
001	163	9.7	13.9	4	13.1	4.7
002	170	6.2	15.4	5	14.6	4.8
003	180	3.5	15.2	5	14.4	4.7
004	216	2.9	16.1	5	15.3	4.8
005	201	2.5	14.0	4	13.2	4.7
006	213	1.0	14.2	4	13.4	4.7
007	248	1.0	15.6	5	14.8	4.8
008	279	1.0	15.5	5	14.7	4.8
009	298	1.0	16.1	5	15.3	4.8
010	320	1.5	16.0	5	15.2	4.8
011	343	1.0	15.6	5	14.8	4.8
012	359	1.1	15.5	5	14.7	4.8
013	237	0.5	14.5	4	13.7	4.7
014	259	0.9	14.0	4	14.0	4.7
015	272	0.0	14.2	4	13.4	4.7
016	285	0.0	14.3	4	13.5	4.7
017	308	4.1	15.3	5	14.6	4.8
018	340	4.1	13.6	4	12.8	4.6
019	291	1.5	15.2	5	14.5	4.8
020	291	1.5	15.2	5	14.4	4.7
021	291	1.5	15.0	4	14.2	4.7
022	338	6.1	13.9	4	13.1	4.6
023	7	2.9	13.9	4	13.1	4.7
024	28	0.0	15.1	5	14.3	4.7
025	39	0.0	15.7	5	15.0	4.8
026	64	0.0	15.9	5	15.2	4.8
027	50	1.0	13.0	4	13.0	4.6
028	72	2.3	15.5	5	14.7	4.8
029	91	3.0	14.8	4	14.0	4.7
030	93	1.0	16.5	5	15.8	4.9
031	113	2.0	16.2	5	15.4	4.8
032	141	1.1	13.5	4	12.7	4.6
033	153	1.5	15.7	5	14.9	4.8
034	177	1.2	MISSING OR DAMAGED DOSIMETER			
035	153	4.2	11.3	3	10.4	4.5
036	135	4.1	15.0	4	14.2	4.7
037	111	4.6	15.8	5	15.1	4.8
038	123	5.1	17.7	5	17.1	5.0
039	132	7.0	13.4	4	12.6	4.6
040	139	7.6	15.3	5	14.5	4.8

TRANSIT DOSE = 1.2 +- .3 ; 4.0

DUANE ARNOLD
FOR THE PERIOD 851216-860401

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.8 $\pm$.9	3
11.25-33.75 (NNE)	14.3 $\pm$ 0.0	1
33.75-56.25 (NE)	14.0 $\pm$ 1.4	2
56.25-78.75 (ENE)	15.0 $\pm$.3	2
78.75-101.25 (E)	14.9 $\pm$ 1.3	2
101.25-123.75 (ESE)	15.9 $\pm$ 1.0	3
123.75-146.25 (SE)	13.5 $\pm$ 1.0	4
146.25-168.75 (SSE)	12.8 $\pm$ 2.3	3
168.75-191.25 (S)	14.5 $\pm$.1	2
191.25-213.75 (SSW)	13.3 $\pm$.1	2
213.75-236.25 (SW)	15.3 $\pm$ 0.0	1
236.25-258.75 (WSW)	14.3 $\pm$.8	2
258.75-281.25 (W)	14.0 $\pm$.7	3
281.25-303.75 (WNW)	14.4 $\pm$ 1.3	2
303.75-326.25 (NW)	14.9 $\pm$.5	2
326.25-348.75 (NNW)	13.8 $\pm$ 1.4	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.5 $\pm$ 1.0	13
2-5	14.0 $\pm$ 1.2	17
>5	14.2 $\pm$ 1.6	6
UPWIND CONTROL DATA	14.4 $\pm$.1	3

FARLEY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860416 121 DAYS
 FIELD TIME 90 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std. Qtr. +/- Rdm; Tot.		
001	268	15.	17.4	+- .5	17.4	+- .5	3.8
002	252	7.8	18.3	+- .5	18.3	+- .5	3.9
003	217	6.1	17.1	+- .5	17.1	+- .5	3.7
004	155	5.7	20.1	+- .5	20.1	+- .5	4.1
005	170	5.1	18.4	+- .5	18.4	+- .5	3.8
006	197	4.5	17.2	+- .5	17.2	+- .5	3.7
007	191	2.4	20.4	+- .5	20.4	+- .5	4.1
008	200	1.8	17.2	+- .5	17.2	+- .5	3.7
009	220	1.2	16.3	+- .5	16.3	+- .5	3.6
010	254	.9	17.8	+- .5	17.8	+- .5	3.7
011	300	.9	18.2	+- .5	18.2	+- .5	3.9
012	319	1.1	19.3	+- .5	19.3	+- .5	4.0
013	338	1.3	16.8	+- .5	16.8	+- .5	3.7
014	256	1.2	17.1	+- .5	17.1	+- .5	3.7
015	16	1.3	23.1	+- .5	23.1	+- .5	4.4
016	264	1.1	16.9	+- .5	16.9	+- .5	3.7
017	253	.9	18.9	+- .5	18.9	+- .5	3.9
018	233	.9	16.9	+- .5	16.9	+- .5	3.7
019	267	4.4	19.8	+- .5	19.8	+- .5	4.0
020	295	3.8	20.3	+- .5	20.3	+- .5	4.1
021	315	4.4	16.7	+- .5	16.7	+- .5	3.6
022	332	4.3	17.8	+- .5	17.8	+- .5	3.7
023	251	4.0	16.3	+- .5	16.3	+- .5	3.6
024	32	3.3	19.8	+- .5	19.8	+- .5	3.9
025	54	3.3	17.9	+- .5	17.9	+- .5	3.7
026	64	3.3	19.5	+- .5	19.5	+- .5	4.0
027	88	4.7	18.5	+- .5	18.5	+- .5	3.8
028	124	5.1	19.8	+- .5	19.8	+- .5	4.0
029	153	4.1	18.3	+- .5	18.3	+- .5	3.7
030	142	.8	16.5	+- .5	16.5	+- .5	3.6
031	130	.8	16.8	+- .5	16.8	+- .5	3.7
032	110	.6	17.3	+- .5	17.3	+- .5	3.7
033	78	.6	17.1	+- .5	17.1	+- .5	3.7
034	58	.6	15.8	+- .5	15.8	+- .5	3.4
035	34	.4	21.8	+- .5	21.8	+- .5	4.4
036	19	.7	18.4	+- .5	18.4	+- .5	3.8
037	284	1.0	18.6	+- .5	18.6	+- .5	3.8
038	289	1.5	15.8	+- .5	15.8	+- .5	3.4
039	293	1.5	18.9	+- .5	18.9	+- .5	3.9

TRANSIT DOSE = 0.0 +- .1 ; 2.7

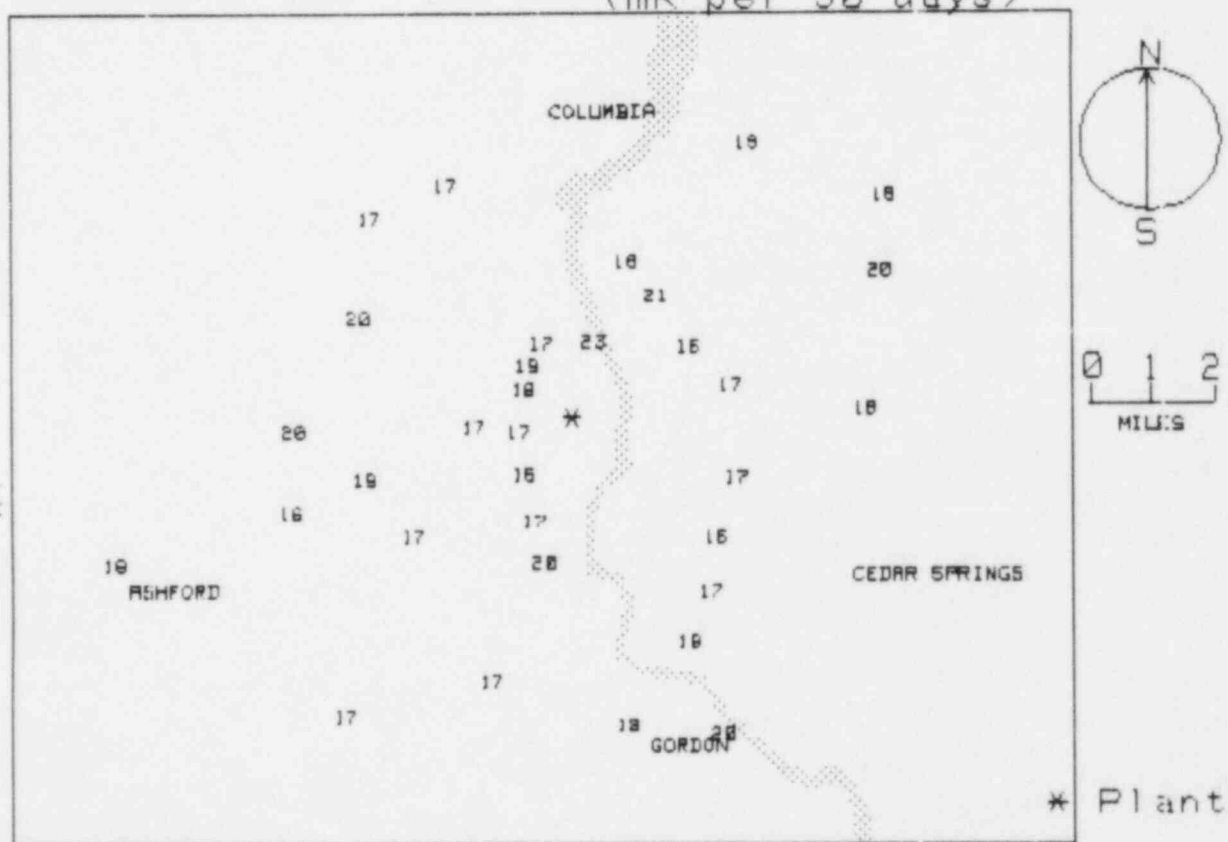
FARLEY
FOR THE PERIOD 851217-860416

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA--NO DATA	0
11.25-33.75 (NNE)	20.1 $\pm$ 2.5	3
33.75-56.25 (NE)	19.4 $\pm$ 2.2	2
56.25-78.75 (ENE)	17.5 $\pm$ 1.9	3
78.75-101.25 (E)	18.5 $\pm$ 0.0	1
101.25-123.75 (ESE)	17.3 $\pm$ 0.0	1
123.75-146.25 (SE)	17.2 $\pm$ 1.6	3
146.25-168.75 (SSE)	19.2 $\pm$ 1.3	2
168.75-191.25 (S)	19.4 $\pm$ 1.4	2
191.25-213.75 (SSW)	17.2 $\pm$.0	2
213.75-236.25 (SW)	16.7 $\pm$.4	3
236.25-258.75 (WSW)	17.5 $\pm$ 1.0	5
258.75-281.25 (W)	18.0 $\pm$ 1.5	3
281.25-303.75 (WNW)	19.3 $\pm$ 1.5	2
303.75-326.25 (NW)	18.0 $\pm$ 1.9	2
326.25-348.75 (NNW)	16.9 $\pm$.1	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	18.0 $\pm$ 2.1	9
2-5	17.9 $\pm$ 1.6	18
>5	18.5 $\pm$ 1.0	9
UPWIND CONTROL DATA	17.7 $\pm$ 1.7	3

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



FERMI
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851216-860423 129 DAYS
FIELD TIME 82 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	38 2.1	21.2 +- .6 ; 3.2	12.0 +- .9 ; 8.4
002	22 2.3	MISSING OR DAMAGED DOSIMETER	
003	350 1.8	24.9 +- .7 ; 3.7	16.2 +- 1.0 ; 8.6
004	345 1.9	21.5 +- .6 ; 3.2	12.4 +- .9 ; 8.4
005	346 1.4	23.5 +- .7 ; 3.5	14.6 +- 1.0 ; 8.5
006	310 1.3	24.0 +- .7 ; 3.6	15.2 +- 1.0 ; 8.6
007	298 1.4	24.5 +- .7 ; 3.7	15.7 +- 1.0 ; 8.6
008	277 1.6	24.6 +- .7 ; 3.7	15.8 +- 1.0 ; 8.6
009	238 1.0	24.4 +- .7 ; 3.7	15.5 +- 1.0 ; 8.6
010	225 1.5	MISSING OR DAMAGED DOSIMETER	
011	193 0.8	24.1 +- .7 ; 3.6	15.3 +- 1.0 ; 8.6
012	183 0.9	23.8 +- .7 ; 3.6	14.9 +- 1.0 ; 8.5
013	175 0.8	24.9 +- .7 ; 3.7	16.2 +- 1.0 ; 8.6
014	260 1.7	23.5 +- .7 ; 3.5	14.6 +- 1.0 ; 8.5
015	245 2.5	24.0 +- .7 ; 3.6	15.2 +- 1.0 ; 8.6
016	236 5.6	26.5 +- .8 ; 4.8	17.9 +- 1.0 ; 8.8
017	225 5.6	22.2 +- .7 ; 3.3	13.2 +- .9 ; 8.4
018	250 7.8	22.0 +- .7 ; 3.3	13.0 +- .9 ; 8.4
019	277 6.0	22.8 +- .7 ; 3.4	13.8 +- .9 ; 8.5
020	297 6.0	24.2 +- .7 ; 3.6	15.4 +- 1.0 ; 8.6
021	320 3.0	23.0 +- .7 ; 3.5	14.1 +- .9 ; 8.5
022	340 4.7	25.6 +- .8 ; 4.8	16.9 +- 1.0 ; 8.7
023	358 4.3	24.3 +- .7 ; 3.6	15.4 +- 1.0 ; 8.6
024	23 5.0	25.3 +- .8 ; 4.8	16.5 +- 1.0 ; 8.7
025	25 7.0	22.1 +- .7 ; 3.3	13.1 +- .9 ; 8.4
026	0 7.0	23.9 +- .7 ; 3.6	15.9 +- 1.0 ; 8.5
027	342 8.0	22.0 +- .7 ; 3.3	12.9 +- .9 ; 8.4
028	320 9.5	22.6 +- .7 ; 3.4	13.6 +- .9 ; 8.5
029	290 11.	24.0 +- .7 ; 3.6	15.2 +- 1.0 ; 8.6
030	270 11.	25.4 +- .8 ; 4.8	16.7 +- 1.0 ; 8.7
031	245 10.	22.5 +- .7 ; 3.4	13.5 +- .9 ; 8.4
032	220 11.	23.5 +- .7 ; 3.5	14.6 +- 1.0 ; 8.5
033	270 15.	23.6 +- .7 ; 3.5	14.7 +- 1.0 ; 8.5
034	270 15.	22.8 +- .7 ; 3.4	13.8 +- .9 ; 8.5
035	290 16.	24.4 +- .7 ; 3.7	15.6 +- 1.0 ; 8.6
036	350 0.8	23.7 +- .7 ; 3.5	14.8 +- 1.0 ; 8.5
037	330 0.7	23.1 +- .7 ; 3.5	14.2 +- .9 ; 8.5
038	310 0.7	MISSING OR DAMAGED DOSIMETER	
039	23/ 10.	22.6 +- .7 ; 3.4	13.6 +- .9 ; 8.4
040	0 9.0	24.2 +- .7 ; 3.6	15.3 +- 1.0 ; 8.6
041	348 9.0	21.4 +- .6 ; 3.2	12.3 +- .9 ; 8.4
TRANSIT DOSE = 10.2 +- .5 ; 6.9			

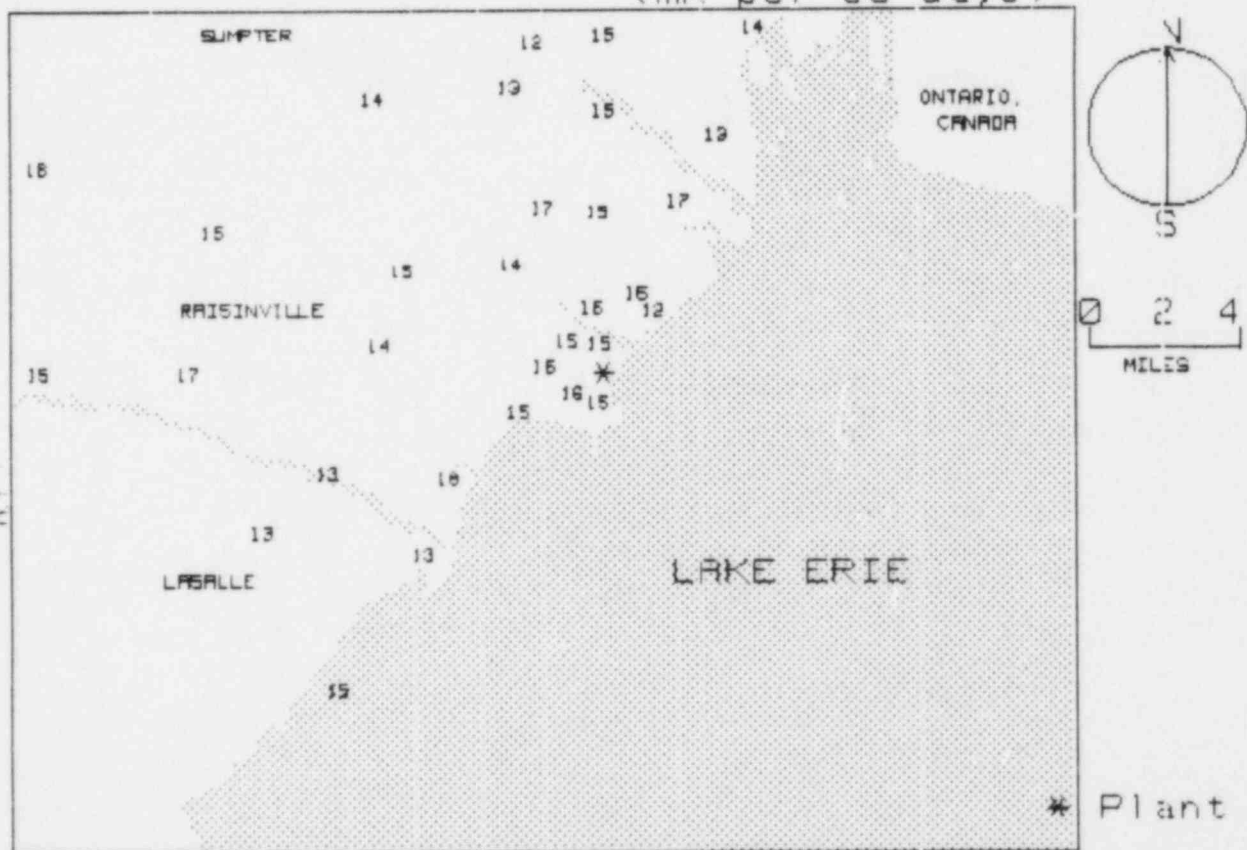
FERMI
FOR THE PERIOD 851216-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.3 $\pm$.5	5
11.25-33.75 (NNE)	14.4 $\pm$ 1.9	3
33.75-56.25 (NE)	12.0 $\pm$ 0.0	1
56.25-78.75 (ENE)	NO DATA--NO DATA	0
78.75-101.25 (E)	NO DATA--NO DATA	0
101.25-123.75 (ESE)	NO DATA--NO DATA	0
123.75-146.25 (SE)	NO DATA--NO DATA	0
146.25-168.75 (SSE)	NO DATA--NO DATA	0
168.75-191.25 (S)	15.5 $\pm$.9	2
191.25-213.75 (SSW)	15.3 $\pm$ 0.0	1
213.75-236.25 (SW)	15.2 $\pm$ 2.4	3
236.25-258.75 (WSW)	14.3 $\pm$ 1.3	4
258.75-281.25 (W)	15.2 $\pm$ 1.3	4
281.25-303.75 (WNW)	15.4 $\pm$.3	3
303.75-326.25 (NW)	14.3 $\pm$.8	3
326.25-348.75 (NNW)	13.9 $\pm$ 1.8	6

DISTANCE(m) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.0 $\pm$ 1.0	13
2-5	15.4 $\pm$ 2.0	7
>5	14.1 $\pm$ 1.2	15
UPWIND CONTROL DATA	14.7 $\pm$.9	3

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



FITZPATRICK/NINE MI.
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860417 121 DAYS
 FIELD TIME 75 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm;Tot.		mR/Std.Qtr. +/- Rdm;Tot.	
001	230	6.9	16.8 +- .5	2.5	15.5 +- .7	6.0
002	184	14	MISSING OR DAMAGED DOSIMETER			
003	122	8.4	13.9 +- .4	2.1	12.1 +- .6	5.8
004	76	11.	16.8 +- .5	2.5	15.6 +- .7	6.0
005	91	6.8	15.4 +- .5	2.3	13.9 +- .7	5.9
006	112	4.3	16.7 +- .5	2.5	15.4 +- .7	6.0
007	138	4.3	16.8 +- .5	2.5	15.5 +- .7	6.0
008	152	3.6	16.7 +- .5	2.5	15.4 +- .7	6.0
009	183	3.9	MISSING OR DAMAGED DOSIMETER			
010	205	4.5	16.3 +- .5	2.4	15.0 +- .7	6.0
011	220	4.4	17.3 +- .5	2.6	16.1 +- .7	6.1
012	230	6.1	17.4 +- .5	2.6	16.3 +- .7	6.1
013	245	1.8	16.7 +- .5	2.5	15.4 +- .7	6.0
014	223	1.8	17.3 +- .5	2.6	16.2 +- .7	6.1
015	204	2	17.3 +- .5	2.6	16.2 +- .7	6.1
016	181	1.8	17.3 +- .5	2.6	16.1 +- .7	6.1
017	157	1.9	17.0 +- .5	2.5	15.8 +- .7	6.0
018	137	1.6	16.6 +- .5	2.5	15.3 +- .7	6.0
019	115	1.2	15.9 +- .5	2.4	14.5 +- .7	6.0
020	92	1.1	17.3 +- .5	2.6	16.1 +- .7	6.1
021	229	20.	16.7 +- .5	2.5	15.5 +- .7	6.0
022	229	20.	16.1 +- .5	2.4	14.8 +- .7	6.0
023	229	20.	16.4 +- .5	2.5	15.1 +- .7	6.0
024	196	8	16.4 +- .5	2.5	15.1 +- .7	6.0
025	168	7.2	15.5 +- .5	2.3	14.8 +- .7	5.9
026	152	6	17.6 +- .5	2.6	16.6 +- .7	6.1
TRANSIT DOSE = 3.8 +- .3 ; 4.3						

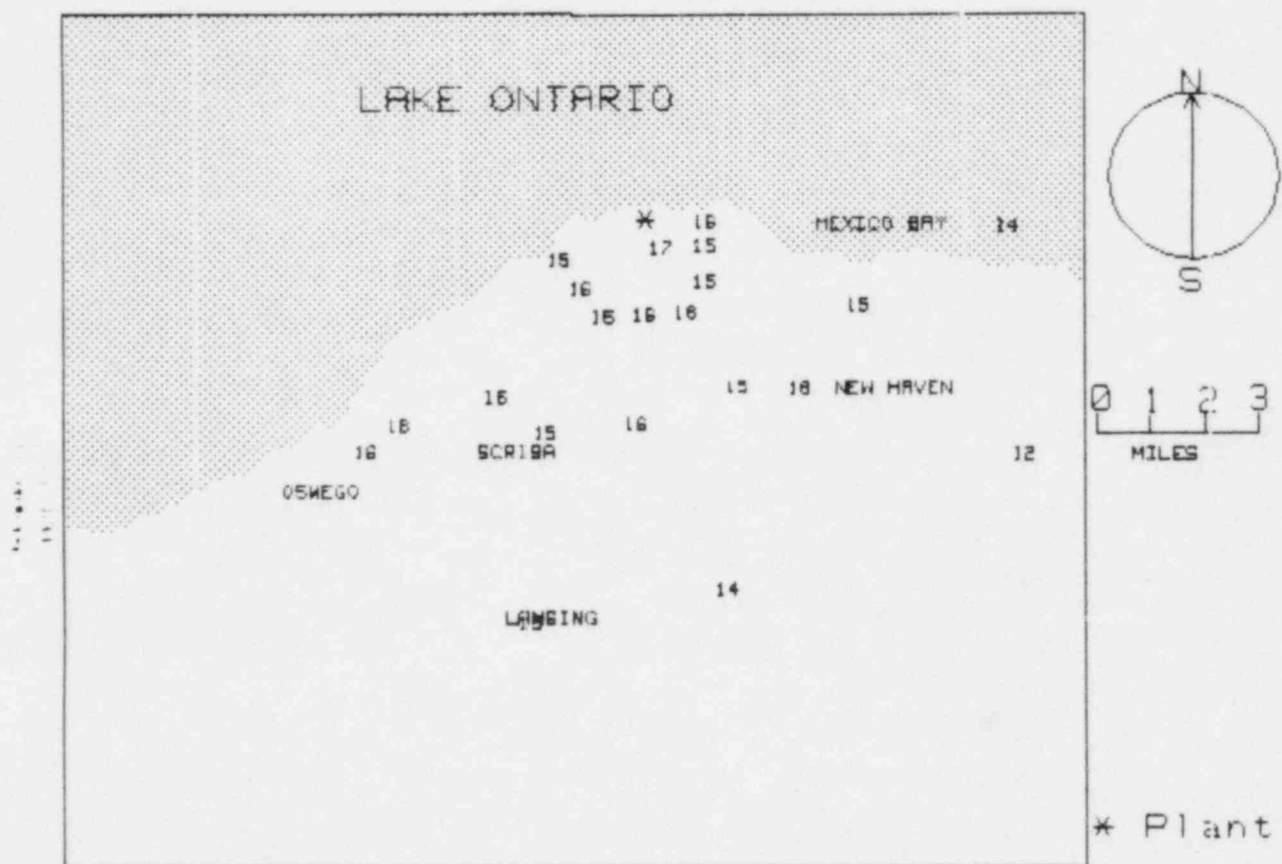
FITZPATRICK/NINE MI.
FOR THE PERIOD 851218-860417

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	15.8 $\pm$ 0.0	1
78.75-101.25 (E)	15.0 $\pm$ 1.6	2
101.25-123.75 (ESE)	14.0 $\pm$ 1.7	3
123.75-146.25 (SE)	15.4 $\pm$.2	2
146.25-168.75 (SSE)	15.5 $\pm$ 1.1	4
168.75-191.25 (S)	16.1 $\pm$ 0.0	1
191.25-213.75 (SSW)	15.4 $\pm$.7	3
213.75-236.25 (SW)	16.0 $\pm$.3	4
236.25-258.75 (WSW)	15.4 $\pm$ 0.0	1
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.8 $\pm$.6	9
2-5	15.5 $\pm$.4	5
>5	14.6 $\pm$ 1.4	7
UPWIND CONTROL DATA	15.1 $\pm$.4	3

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



FT. CALHOUN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860423 129 DAYS
 FIELD TIME 99 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+/- Rdm; Tot.		mR/Std. Qtr. +/- Rdm; Tot.			
001	358	2.0	24.8	+- .7	3.7	18.0	+- .8	6.2
002	351	4.6	24.0	+- .7	0.6	17.2	+- .7	6.1
003	30	2.5	24.0	+- .7	0.6	17.3	+- .7	6.2
004	27	4.6	24.7	+- .7	0.7	17.9	+- .8	6.2
005	53	1.9	23.2	+- .7	0.5	16.5	+- .7	6.1
006	37	0.9	24.4	+- .7	0.7	17.7	+- .8	6.2
007	76	0.0	25.2	+- .8	0.8	18.3	+- .8	6.2
008	59	0.0	24.6	+- .7	0.7	17.8	+- .8	6.2
009	100	0.0	21.2	+- .6	0.2	14.7	+- .7	6.0
010	88	0.0	25.0	+- .7	0.7	18.2	+- .8	6.2
011	122	0.0	23.8	+- .7	0.6	17.1	+- .7	6.1
012	105	0.7	23.6	+- .7	0.5	16.9	+- .7	6.1
013	145	1.9	25.1	+- .8	0.8	18.2	+- .8	6.2
014	128	0.0	23.5	+- .7	0.5	16.8	+- .7	6.1
015	157	1.9	25.1	+- .8	0.8	18.3	+- .8	6.2
016	150	4.9	24.3	+- .7	0.6	17.6	+- .8	6.2
017	173	0.0	23.8	+- .7	0.6	17.1	+- .7	6.1
018	173	0.0	24.8	+- .7	0.7	18.0	+- .8	6.2
019	212	0.0	27.1	+- .8	4.1	20.1	+- .8	6.4
020	204	0.0	25.8	+- .8	0.9	18.9	+- .8	6.3
021	233	0.0	25.3	+- .8	0.8	18.4	+- .8	6.2
022	224	4.6	25.7	+- .8	0.9	18.8	+- .8	6.3
023	239	0.0	23.7	+- .7	0.6	17.8	+- .7	6.1
024	243	0.9	23.1	+- .7	0.5	16.4	+- .7	6.1
025	269	0.0	24.5	+- .7	0.7	17.7	+- .8	6.2
026	262	0.0	25.7	+- .8	0.9	18.8	+- .8	6.3
027	288	0.0	24.2	+- .7	0.6	17.4	+- .7	6.2
028	292	0.0	24.6	+- .7	0.7	17.8	+- .8	6.2
029	311	0.4	24.0	+- .7	0.6	17.3	+- .7	6.2
030	310	0.0	25.4	+- .8	0.8	18.9	+- .8	6.3
031	340	0.0	24.8	+- .7	0.6	17.3	+- .7	6.2
032	338	0.0	24.4	+- .7	0.7	17.6	+- .8	6.2
033	182	0.0	24.4	+- .7	0.7	17.7	+- .8	6.2
035	127	0.2	23.9	+- .7	0.6	17.2	+- .7	6.1
039	150	0.0	23.9	+- .7	0.6	17.2	+- .7	6.1
040	73	0.0	24.5	+- .7	0.7	17.7	+- .8	6.2
043	29	0.0	24.2	+- .7	0.6	17.5	+- .8	6.2
044	65	0.0	22.2	+- .7	0.3	15.6	+- .7	6.0
045	182	4.2	25.6	+- .8	0.8	18.7	+- .8	6.3
047	298	4.5	25.1	+- .8	0.8	18.3	+- .8	6.3
048	13	14.	24.8	+- .7	0.7	18.0	+- .8	6.2
049	207	19.	25.3	+- .8	0.8	18.4	+- .8	6.2

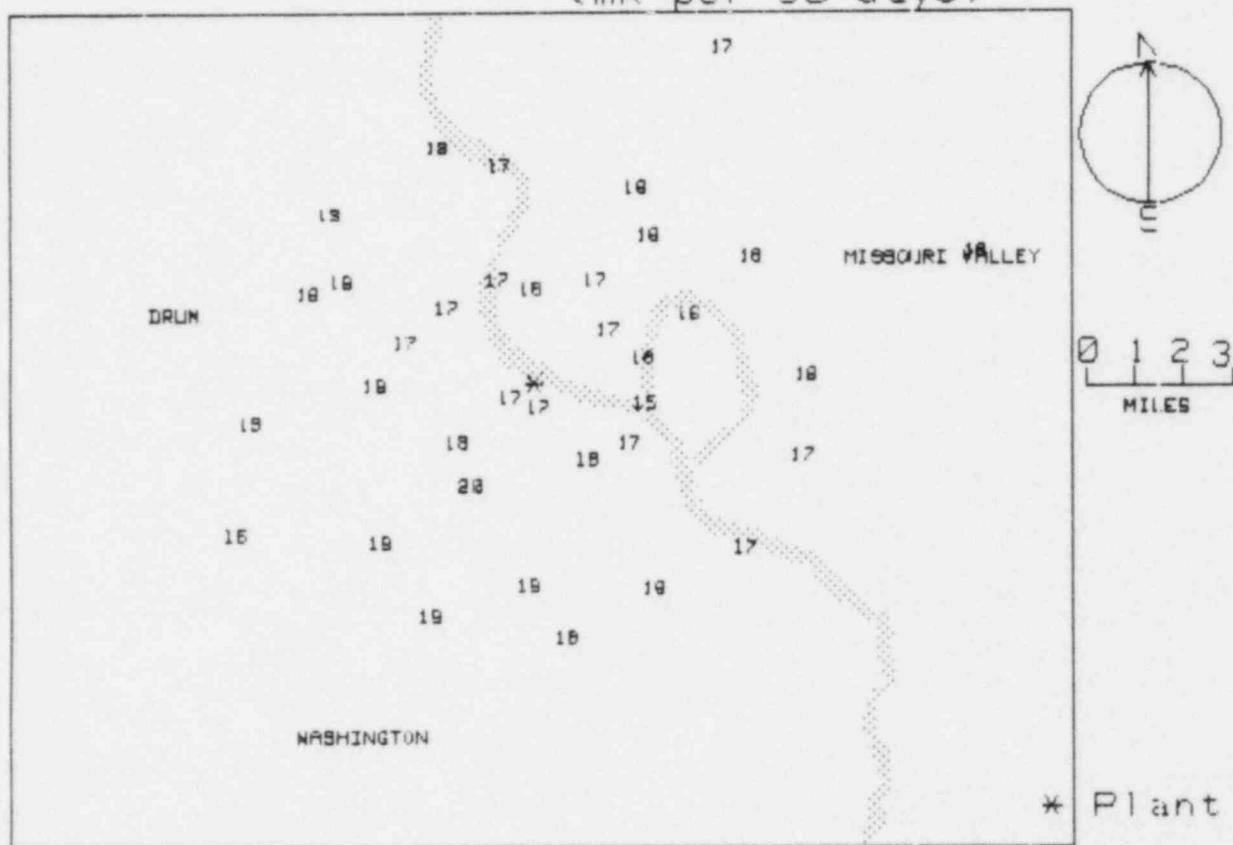
TRANSIT DOSE = 5.0 +- .4 ; 5.7

FT. CALHOUN
FOR THE PERIOD 851216-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.6 $\pm$.5	2
11.25-33.75 (NNE)	17.5 $\pm$.3	3
33.75-56.25 (NE)	17.1 $\pm$.8	2
56.25-78.75 (ENE)	17.4 $\pm$ 1.2	4
78.75-101.25 (E)	16.4 $\pm$ 2.4	2
101.25-123.75 (ESE)	17.0 $\pm$.2	2
123.75-146.25 (SE)	17.4 $\pm$.7	3
146.25-168.75 (SSE)	17.7 $\pm$.6	3
168.75-191.25 (S)	17.9 $\pm$.7	4
191.25-213.75 (SSW)	19.5 $\pm$.8	2
213.75-236.25 (SW)	18.6 $\pm$.3	2
236.25-258.75 (WSW)	16.7 $\pm$.4	2
258.75-281.25 (W)	18.3 $\pm$.8	2
281.25-303.75 (WNW)	17.8 $\pm$.4	3
303.75-326.25 (NW)	17.9 $\pm$.9	2
326.25-348.75 (NNW)	17.4 $\pm$.2	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.7 $\pm$.7	8
2-5	17.6 $\pm$ 1.1	20
>5	17.8 $\pm$.8	12
UPWIND CONTROL DATA	18.2 $\pm$.3	2



FT. ST. VRAIN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860415 121 DAYS
 FIELD TIME 89 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+/-	Rdm;Tot.		mR/Std.Qtr. +/- Rdm;Tot.	
001	8	0.8	34.3	+/- 1.0	5.1	NO NET DATA	
002	2	3.3	35.1	+/- 1.1	5.3	NO NET DATA	
003	29	2.6	36.0	+/- 1.1	5.4	NO NET DATA	
004	17	5.4	34.9	+/- 1.0	5.2	NO NET DATA	
005	54	2.1	33.8	+/- 1.0	5.1	NO NET DATA	
006	48	4.8	37.4	+/- 1.1	5.6	NO NET DATA	
007	76	2.6	38.2	+/- 1.1	5.7	NO NET DATA	
008	58	4.1	37.8	+/- 1.1	5.7	NO NET DATA	
009	100	1.5	35.3	+/- 1.1	5.3	NO NET DATA	
010	87	4.5	35.0	+/- 1.1	5.3	NO NET DATA	
011	118	1.6	37.1	+/- 1.1	5.6	NO NET DATA	
012	104	3.0	37.1	+/- 1.1	5.6	NO NET DATA	
013	143	1.6	35.3	+/- 1.1	5.3	NO NET DATA	
014	128	4.5	33.6	+/- 1.0	5.0	NO NET DATA	
015	168	2.3	35.1	+/- 1.1	5.3	NO NET DATA	
016	148	4.6	34.6	+/- 1.0	5.2	NO NET DATA	
017	182	0.8	34.9	+/- 1.0	5.2	NO NET DATA	
018	175	4.0	36.2	+/- 1.1	5.4	NO NET DATA	
019	210	0.9	37.5	+/- 1.1	5.6	NO NET DATA	
020	200	2.9	36.1	+/- 1.1	5.4	NO NET DATA	
021	234	1.3	36.9	+/- 1.1	5.5	NO NET DATA	
022	216	3.3	33.6	+/- 1.0	5.0	NO NET DATA	
023	254	2.5	35.5	+/- 1.1	5.3	NO NET DATA	
024	244	3.0	35.8	+/- 1.1	5.4	NO NET DATA	
025	278	1.5	33.7	+/- 1.0	5.0	NO NET DATA	
026	263	5.4	35.4	+/- 1.1	5.3	NO NET DATA	
027	297	1.7	37.2	+/- 1.1	5.6	NO NET DATA	
028	284	5.6	35.0	+/- 1.1	5.3	NO NET DATA	
029	317	0.9	33.8	+/- 1.0	5.1	NO NET DATA	
030	305	4.2	34.9	+/- 1.0	5.2	NO NET DATA	
031	338	1.4	34.3	+/- 1.0	5.1	NO NET DATA	
032	330	5.0	31.3	+/- .9	4.7	NO NET DATA	
033	267	6.5	38.7	+/- 1.2	5.8	NO NET DATA	
034	130	3.7	35.6	+/- 1.1	5.3	NO NET DATA	
035	270	0.1	36.4	+/- 1.1	5.5	NO NET DATA	
038	345	6.7	36.8	+/- 1.1	5.5	NO NET DATA	
039	10	6.0	35.6	+/- 1.1	5.3	NO NET DATA	
040	63	6.0	35.3	+/- 1.1	5.3	NO NET DATA	
041	165	12.	38.0	+/- 1.1	5.7	NO NET DATA	
042	248	13.	41.3	+/- 1.2	6.2	NO NET DATA	
045	198	11.	36.2	+/- 1.1	5.4	NO NET DATA	
046	39	16.	34.0	+/- 1.0	5.1	NO NET DATA	
047	357	17.	33.4	+/- 1.0	5.0	NO NET DATA	
048	171	18.	37.3	+/- 1.1	5.6	NO NET DATA	
049	360	0.5	36.5	+/- 1.1	5.5	NO NET DATA	

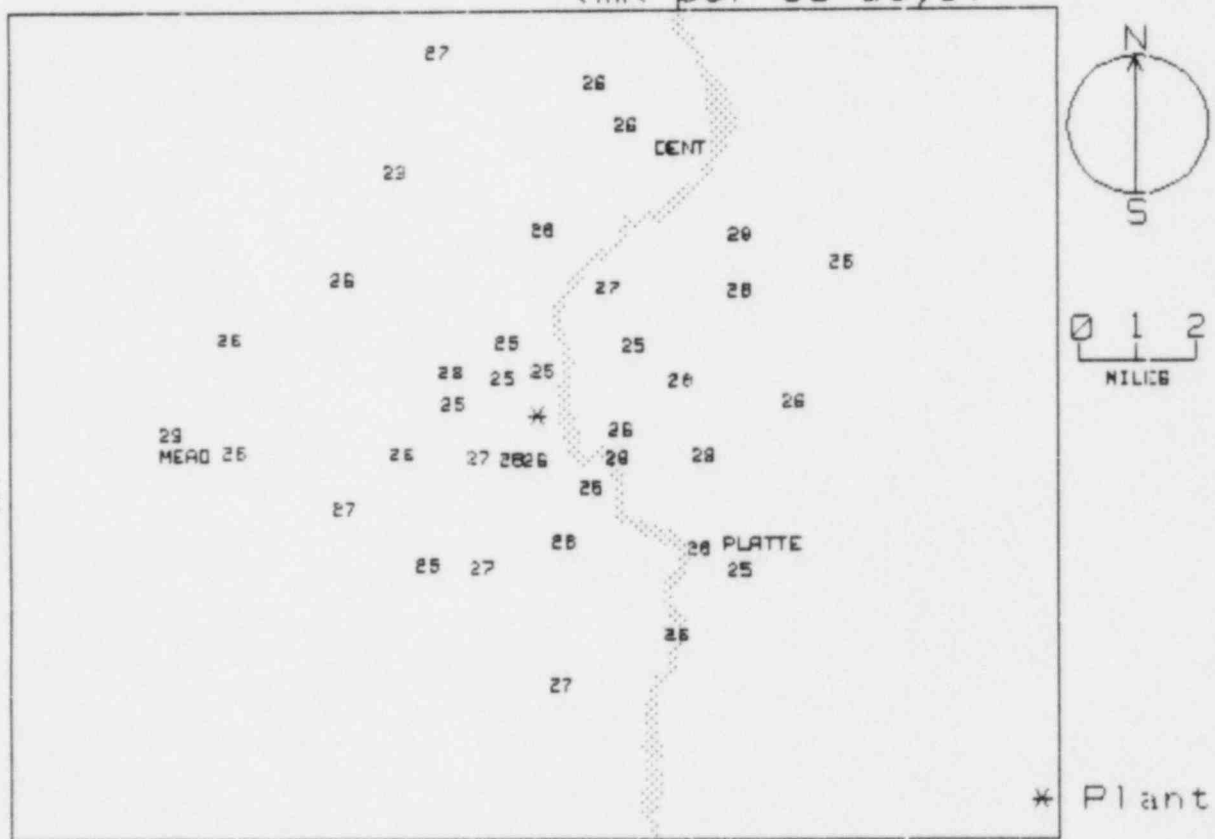
NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

FT. ST. VRAIN
FOR THE PERIOD 851216-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	26.0 $\pm$.5	3
11.25-33.75 (NNE)	26.3 $\pm$.6	2
33.75-56.25 (NE)	26.1 $\pm$ 1.5	3
56.25-78.75 (ENE)	27.6 $\pm$ 1.2	3
78.75-101.25 (E)	26.1 $\pm$.1	2
101.25-123.75 (ESE)	27.6 $\pm$ 0.0	2
123.75-146.25 (SE)	25.9 $\pm$.8	3
146.25-168.75 (SSE)	26.7 $\pm$ 1.4	3
168.75-191.25 (S)	26.4 $\pm$.7	2
191.25-213.75 (SSW)	27.2 $\pm$.6	3
213.75-236.25 (SW)	26.2 $\pm$ 1.0	2
236.25-258.75 (WSW)	27.9 $\pm$ 2.4	3
258.75-281.25 (W)	26.8 $\pm$ 1.6	4
281.25-303.75 (WNW)	26.8 $\pm$ 1.1	2
303.75-326.25 (NW)	25.5 $\pm$.6	2
326.25-348.75 (NNW)	25.4 $\pm$ 2.0	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	26.4 $\pm$ 1.0	12
2-5	26.3 $\pm$ 1.2	19
>5	27.1 $\pm$ 1.6	11
UPWIND CONTROL DATA	26.6 $\pm$ 1.5	3



GINNA
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860417 121 DAYS
 FIELD TIME 78 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	95	1.7	18.1 +- .5	2.7	16.1 +- .7	6.1
002	108	1.1	17.5 +- .5	2.6	15.5 +- .7	6.1
003	142	1.7	16.8 +- .5	2.5	14.7 +- .7	6.0
004	154	1.5	18.0 +- .5	2.7	16.1 +- .7	6.1
005	174	1.4	MISSING OR DAMAGED DOSIMETER			
006	212	1.6	18.1 +- .5	2.7	16.1 +- .7	6.1
007	244	.9	16.8 +- .5	2.5	14.7 +- .7	6.0
008	230	.6	18.0 +- .5	2.7	16.0 +- .7	6.1
010	266	1.5	16.9 +- .5	2.5	14.8 +- .7	6.0
011	264	4.6	18.6 +- .5	2.8	16.7 +- .7	6.2
012	245	3.8	17.3 +- .5	2.6	15.3 +- .7	6.1
013	235	4.2	17.7 +- .5	2.6	15.7 +- .7	6.1
014	200	3.8	17.1 +- .5	2.6	15.0 +- .7	6.0
015	178	3.4	18.4 +- .6	2.8	16.5 +- .7	6.2
016	160	3.7	17.1 +- .5	2.6	15.0 +- .7	6.0
017	134	3.8	MISSING OR DAMAGED DOSIMETER			
018	115	4.3	17.8 +- .5	2.7	15.8 +- .7	6.1
019	88	4	17.4 +- .5	2.6	15.3 +- .7	6.1
020	90	6.2	MISSING OR DAMAGED DOSIMETER			
021	123	7.6	16.4 +- .5	2.5	14.2 +- .7	6.0
022	151	11.	MISSING OR DAMAGED DOSIMETER			
023	105	12.	17.2 +- .5	2.6	15.1 +- .7	6.0
024	212	14.	21.0 +- .6	3.2	19.5 +- .8	6.4
025	223	13.	17.5 +- .5	2.6	15.4 +- .7	6.1
026	242	16.	18.6 +- .6	2.8	16.7 +- .7	6.2
027	254	14.	18.1 +- .5	2.7	16.2 +- .7	6.1
028	234	6.9	18.8 +- .6	2.8	17.0 +- .7	6.2
029	185	.3	18.9 +- .6	2.8	17.1 +- .7	6.2
030	264	15.	17.9 +- .5	2.7	16.0 +- .7	6.1
TRANSIT DOSE = 4.1 +- .3 ; 4.6						

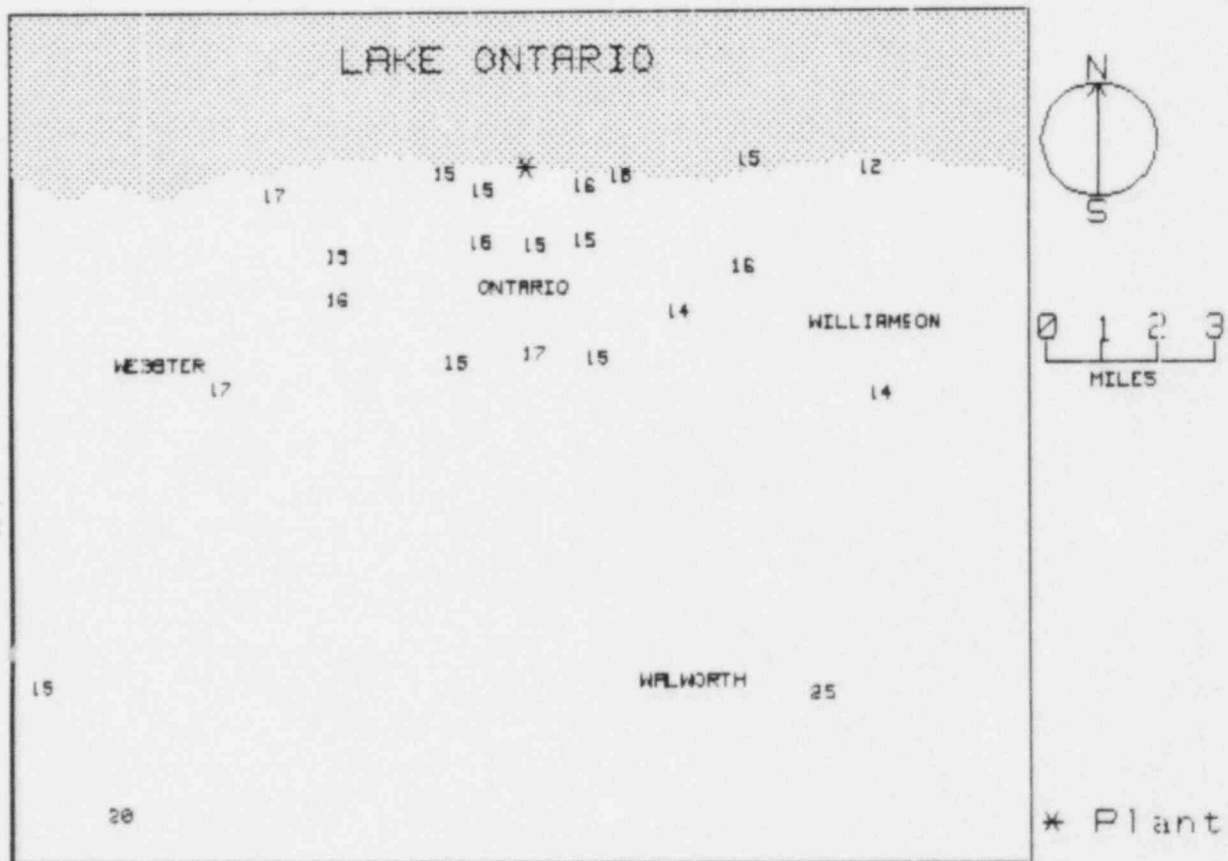
GINNA
FOR THE PERIOD 851218-860417

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA--NO DATA	0
11.25-33.75 (NNE)	NO DATA--NO DATA	0
33.75-56.25 (NE)	NO DATA--NO DATA	0
56.25-78.75 (ENE)	NO DATA--NO DATA	0
78.75-101.25 (E)	15.7 $\pm$.6	2
101.25-123.75 (ESE)	15.2 $\pm$.7	4
123.75-146.25 (SE)	14.7 $\pm$ 0.0	1
146.25-168.75 (SSE)	15.6 $\pm$.7	2
168.75-191.25 (S)	16.8 $\pm$.4	2
191.25-213.75 (SSW)	16.9 $\pm$ 2.3	3
213.75-236.25 (SW)	16.0 $\pm$.7	4
236.25-258.75 (WSW)	15.0 $\pm$.4	2
258.75-281.25 (W)	15.7 $\pm$ 1.4	2
281.25-303.75 (WNW)	NO DATA--NO DATA	0
303.75-326.25 (NW)	NO DATA--NO DATA	0
326.25-348.75 (NNW)	NO DATA--NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.7 $\pm$.8	9
2-5	15.7 $\pm$.6	8
>5	16.3 $\pm$ 2.1	5
UPWIND CONTROL DATA	16.3 $\pm$.4	3

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



NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE (mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	337 2.7	18.3 +- .6	4.8
002	351 1.6	15.8 +- .6	4.6
003	20 1.5	18.9 +- .6	4.9
004	51 2.3	16.0 +- .6	4.6
005	68 2.7	17.0 +- .6	4.6
006	47 4.1	16.2 +- .6	4.7
007	68 4.9	17.9 +- .6	4.8
008	91 3.2	19.0 +- .6	4.9
009	81 1.0	17.0 +- .6	4.7
010	109 0.6	18.5 +- .6	4.9
011	139 0.0	18.2 +- .6	4.8
012	165 1.6	17.3 +- .6	4.8
013	207 1.9	18.0 +- .6	4.8
014	247 1.5	17.6 +- .6	4.8
015	130 4.2	18.1 +- .6	4.9
016	122 4.0	19.0 +- .6	4.9
017	135 5.0	17.4 +- .6	4.8
018	147 4.0	15.9 +- .6	4.6
019	224 6.0	17.7 +- .6	4.8
020	172 3.6	16.1 +- .6	4.7
021	291 12	16.5 +- .6	4.7
022	332 8.0	18.9 +- .6	4.9
023	310 7.9	16.9 +- .6	4.7
024	281 7.0	16.6 +- .6	4.7
025	291 4.0	17.3 +- .6	4.8
026	248 9.5	17.0 +- .6	4.7
027	239 13	15.0 +- .6	4.6
028	090 0.9	16.7 +- .6	4.7
030	67 51	14.4 +- .5	4.5
031	67 51	15.1 +- .5	4.6
032	67 51	13.6 +- .4	4.4
033	206 4.0	18.0 +- .5	4.8

TRANSIT DOSE = .5 +- .2 : 3.7

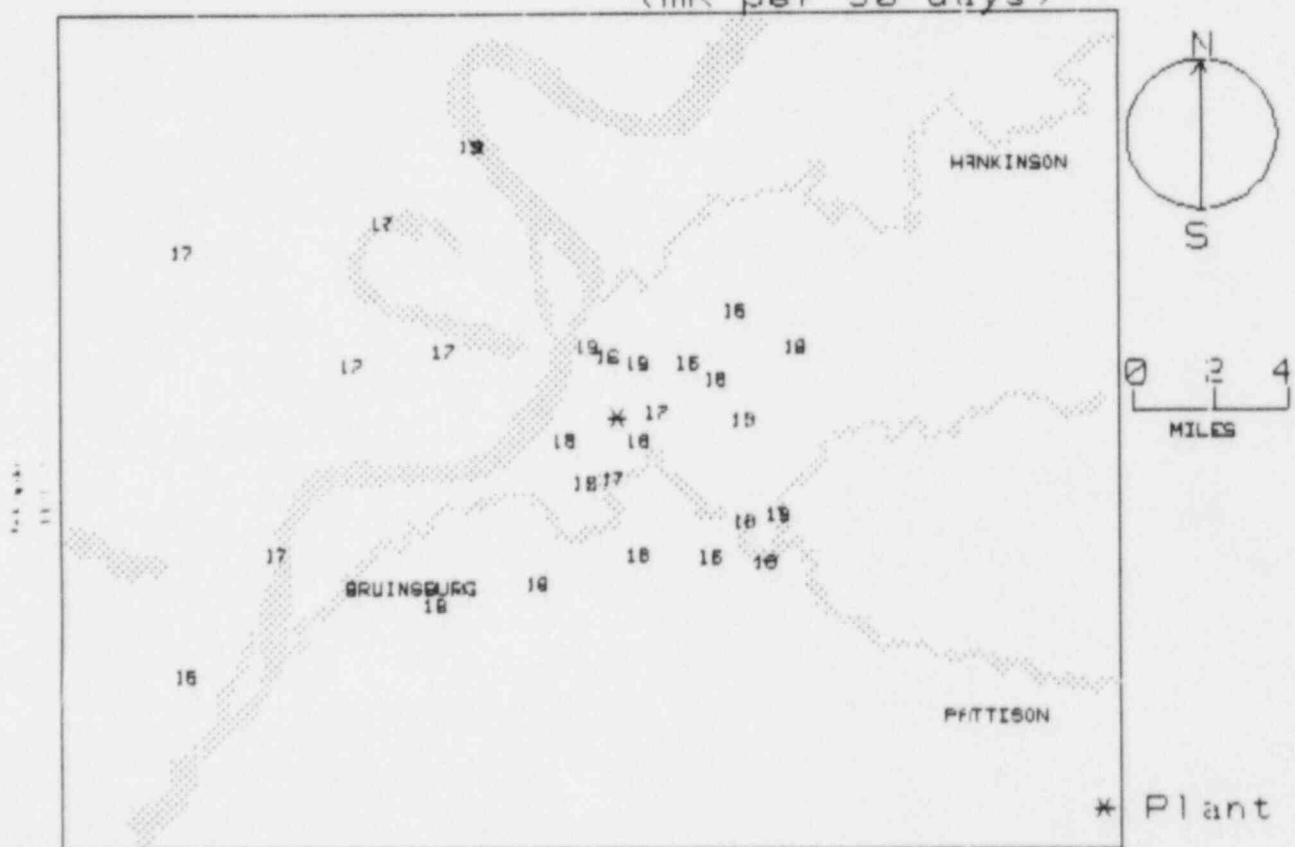
GRAND GULF
FOR THE PERIOD 851217-860403

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.0 $\pm$ 0.0	1
11.25-33.75 (NNE)	19.2 $\pm$ 0.0	1
33.75-56.25 (NE)	16.3 $\pm$.1	2
56.25-78.75 (ENE)	18.1 $\pm$.1	2
78.75-101.25 (E)	17.8 $\pm$ 1.3	3
101.25-123.75 (ESE)	19.1 $\pm$.4	2
123.75-146.25 (SE)	18.1 $\pm$.5	3
146.25-168.75 (SSE)	16.1 $\pm$ 0.0	1
168.75-191.25 (S)	16.9 $\pm$.9	2
191.25-213.75 (SSW)	18.3 $\pm$ 0.0	2
213.75-236.25 (SW)	17.9 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.0 $\pm$ 1.0	3
258.75-281.25 (W)	16.8 $\pm$ 0.0	1
281.25-303.75 (WNW)	17.1 $\pm$.6	2
303.75-326.25 (NW)	17.1 $\pm$ 0.0	1
326.25-348.75 (NNW)	18.9 $\pm$.4	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.9 $\pm$ 1.0	10
2-5	17.6 $\pm$ 1.2	11
>5	17.3 $\pm$ 1.0	8
UPWIND CONTROL DATA	14.4 $\pm$.8	3

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



HADDAM NECK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851218-860407 111 DAYS
FIELD TIME 99 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
	AZIMUTH (deg.)	DIST (mi.)		
002	17	2.6	18.7 +- .6	16.9 +- .6 4.5
003	45	1.9	19.6 +- .6	17.7 +- .6 4.6
004	67	2.3	18.5 +- .6	16.8 +- .6 4.5
005	93	1.6	18.7 +- .6	15.1 +- .6 4.4
006	115	2.2	17.8 +- .6	16.1 +- .6 4.5
007	143	1.9	19.6 +- .6	17.7 +- .6 4.6
008	165	1.9	17.3 +- .6	15.7 +- .6 4.4
009	174	1.3	18.9 +- .6	17.1 +- .6 4.5
010	195	1.7	16.4 +- .6	14.8 +- .6 4.4
012	241	1.8	17.7 +- .6	16.0 +- .6 4.5
013	263	1.8	16.6 +- .6	15.0 +- .6 4.4
014	290	1.9	18.4 +- .6	16.7 +- .6 4.5
015	311	1.1	16.1 +- .6	14.6 +- .6 4.4
016	341	1.1	17.2 +- .6	15.5 +- .6 4.4
017	360	2.2	20.7 +- .6	18.7 +- .6 4.7
018	222	2.5	17.9 +- .6	16.2 +- .6 4.5
019	269	2.2	17.7 +- .6	16.0 +- .6 4.5
020	66	2.2	17.7 +- .6	16.0 +- .6 4.5
021	91	2.2	20.8 +- .6	18.1 +- .6 4.6
022	112	2.2	MISSING OR DAMAGED DOSIMETER	
023	137	2.2	17.6 +- .6	15.9 +- .6 4.5
024	155	7.1	16.0 +- .6	15.0 +- .6 4.4
025	175	5.7	17.3 +- .6	15.7 +- .6 4.4
026	196	2.5	15.7 +- .6	14.2 +- .6 4.4
027	225	1.1	17.8 +- .6	16.1 +- .6 4.5
028	250	2.5	20.8 +- .6	18.9 +- .6 4.7
029	340	2.0	20.1 +- .6	18.3 +- .6 4.6
030	206	2.2	16.6 +- .6	15.0 +- .6 4.4
031	322	2.2	17.9 +- .6	16.2 +- .6 4.5
032	327	2.2	21.1 +- .6	19.1 +- .6 4.7
033	359	6.4	16.5 +- .6	14.9 +- .6 4.4
035	4	1.0	18.2 +- .6	16.5 +- .6 4.5
036	72	8.8	19.2 +- .6	17.4 +- .6 4.6
037	149	6.8	17.2 +- .6	15.6 +- .6 4.4
038	150	9.9	16.4 +- .6	14.8 +- .6 4.4
039	267	6.8	18.7 +- .6	16.9 +- .6 4.5
040	303	9.9	20.2 +- .6	18.3 +- .6 4.7
041	313	9.6	17.4 +- .6	15.8 +- .6 4.4
042	320	13	18.8 +- .6	17.0 +- .6 4.5
043	324	18	16.3 +- .6	14.7 +- .6 4.4
044	328	15	18.3 +- .6	16.5 +- .6 4.5
045	343	18	19.3 +- .6	17.7 +- .6 4.6
046	144	5	18.3 +- .6	16.6 +- .6 4.5
049	340	20	18.9 +- .6	17.1 +- .6 4.6

TRANSIT DOSE = .1 +- .2 4.1

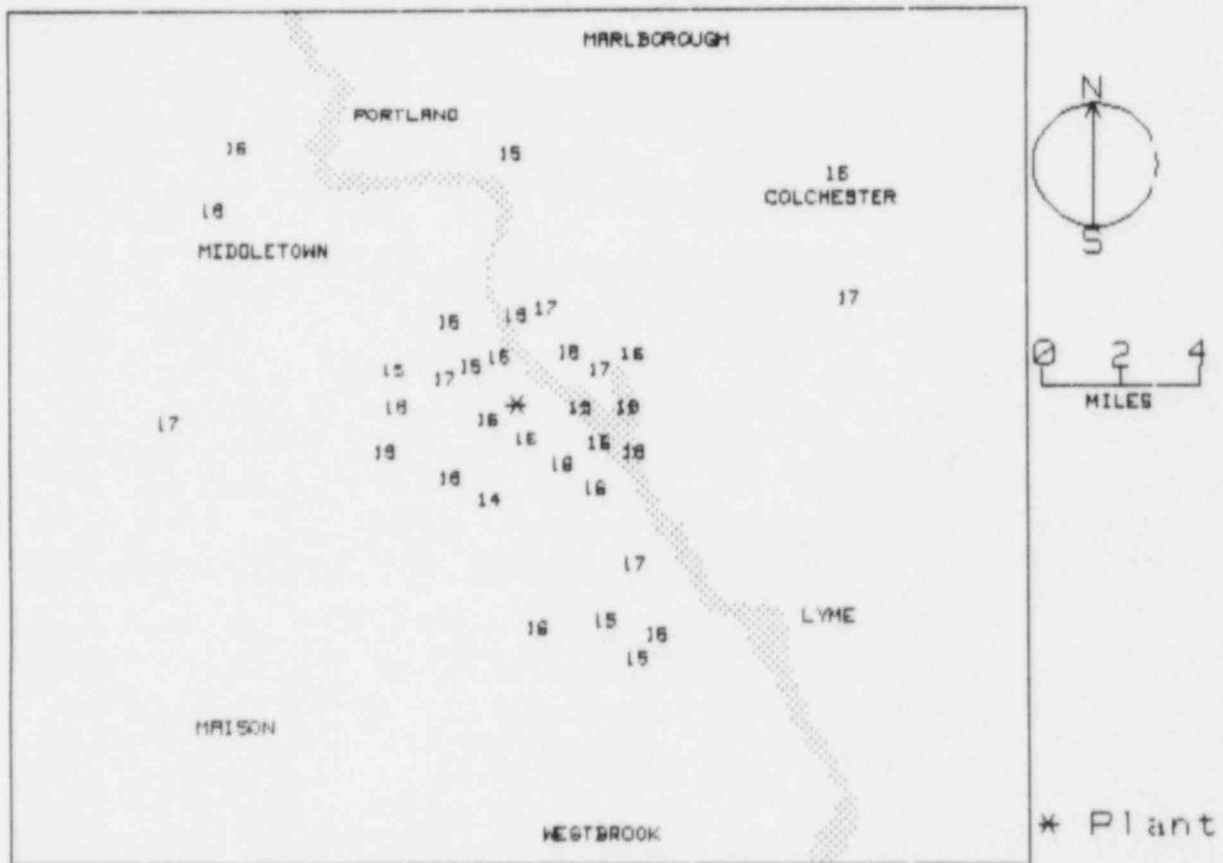
HADDAM NECK
FOR THE PERIOD 851218-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.8 $\pm$ 2.7	2
11.25-33.75 (NNE)	16.9 $\pm$ 0.0	1
33.75-56.25 (NE)	17.1 $\pm$.9	2
56.25-78.75 (ENE)	16.7 $\pm$.7	3
78.75-101.25 (E)	16.8 $\pm$ 2.1	2
101.25-123.75 (ESE)	16.1 $\pm$ 0.0	1
123.75-146.25 (SE)	16.8 $\pm$.9	3
146.25-168.75 (SSE)	15.3 $\pm$.4	4
168.75-191.25 (S)	16.4 $\pm$ 1.0	2
191.25-213.75 (SSW)	14.5 $\pm$.4	2
213.75-236.25 (SW)	16.2 $\pm$.1	2
236.25-258.75 (WSW)	17.4 $\pm$ 2.0	2
258.75-281.25 (W)	16.0 $\pm$.9	3
281.25-303.75 (WNW)	16.7 $\pm$ 1.6	3
303.75-326.25 (NW)	15.8 $\pm$ 1.0	5
326.25-348.75 (NNW)	17.4 $\pm$ 1.5	5

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.0 $\pm$ 1.1	12
2-5	16.7 $\pm$ 1.4	15
>5	16.3 $\pm$ 1.2	15
UPWIND CONTROL DATA	17.1 $\pm$ 0.0	1

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



NRC STATION	LOCATION		GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/std. Qtr. +- Rdm; Tot.	RATE
	AZIMUTH/DIST (deg.) (mi.)				
001	36	2.6	21.9 +- .7	17.0 +- .8	6.3
002	25	3.2	20.1 +- .6	15.2 +- .7	6.1
003	25	2.5	21.2 +- .6	16.3 +- .7	6.2
004	27	1.5	23.3 +- .7	18.4 +- .8	6.4
005	36	0.9	19.3 +- .5	14.4 +- .7	6.1
006	68	0.8	17.9 +- .5	13.8 +- .7	6.0
007	98	0.7	20.2 +- .6	15.3 +- .7	6.1
008	232	0.7	20.3 +- .6	15.4 +- .7	6.1
009	198	0.8	18.8 +- .5	13.1 +- .7	6.0
010	158	0.7	18.9 +- .5	14.0 +- .7	6.0
011	42	4.7	23.6 +- .8	20.7 +- .9	6.6
012	48	8.6	21.3 +- .7	16.3 +- .7	6.2
013	298	13.	18.3 +- .5	13.4 +- .7	6.0
014	298	12.	19.7 +- .6	14.8 +- .7	6.1
015	298	11.	18.1 +- .5	13.2 +- .7	6.0
016	332	4.8	19.8 +- .6	14.9 +- .7	6.1
017	291	4.5	MISSING OR DAMAGED DOSIMETER		
018	278	5.1	19.9 +- .6	15.8 +- .7	6.1
019	248	5.1	21.8 +- .7	16.9 +- .8	6.3
020	227	4.8	16.8 +- .5	11.9 +- .6	5.9
021	288	4.8	17.1 +- .5	12.2 +- .6	5.9
022	198	4.8	19.5 +- .6	14.6 +- .7	6.1
023	151	4.8	18.2 +- .5	13.3 +- .7	6.0
024	132	4.7	MISSING OR DAMAGED DOSIMETER		
025	112	5.8	21.8 +- .6	16.1 +- .7	6.2
026	92	4.8	17.3 +- .5	12.4 +- .6	5.9
027	115	2.8	18.3 +- .5	13.4 +- .7	6.0
028	135	2.8	16.4 +- .5	11.5 +- .6	5.9
029	164	2.8	19.5 +- .6	14.6 +- .7	6.1
030	49	2.8	18.8 +- .5	13.9 +- .7	6.0
031	276	1.8	19.8 +- .6	14.1 +- .7	6.0
032	292	1.7	22.1 +- .7	17.2 +- .8	6.3
033	314	1.4	21.9 +- .6	16.1 +- .7	6.2
034	329	1.3	21.7 +- .6	16.8 +- .7	6.2
035	358	4.3	22.8 +- .7	18.1 +- .8	6.2
036	338	4.4	23.4 +- .7	18.5 +- .8	6.4
037	16	4.4	21.5 +- .6	16.6 +- .7	6.0
038	68	4.4	17.4 +- .5	12.7 +- .6	5.9
039	88	7.9	18.3 +- .6	13.7 +- .7	6.0
040	88	7.9	18.3 +- .6	13.4 +- .7	6.0
041	118	9.1	24.8 +- .8	19.1 +- .8	6.4
042	268	1.1	18.5 +- .5	13.6 +- .7	6.0
043	333	1.7	17.8 +- .5	13.8 +- .7	6.0
044	58	4.7	25.4 +- .8	20.5 +- .8	6.5
TRANSIT DOSE =	4.8 +- .4		5.2		

HARRIS
FOR THE PERIOD 851212-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.2 $\pm$.2	2
11.25-33.75 (NNE)	16.7 $\pm$ 1.6	3
33.75-56.25 (NE)	17.1 $\pm$ 2.9	6
56.25-78.75 (ENE)	12.8 $\pm$.4	2
78.75-101.25 (E)	13.7 $\pm$ 1.2	4
101.25-123.75 (ESE)	16.2 $\pm$ 2.9	3
123.75-146.25 (SE)	11.5 $\pm$ 0.0	1
146.25-168.75 (SSE)	14.0 $\pm$.7	3
168.75-191.25 (S)	13.8 $\pm$ 1.0	2
191.25-213.75 (SSW)	12.2 $\pm$ 0.0	1
213.75-236.25 (SW)	13.7 $\pm$ 2.4	2
236.25-258.75 (WSW)	16.9 $\pm$ 0.0	1
258.75-281.25 (W)	14.2 $\pm$.7	3
281.25-303.75 (WNW)	17.2 $\pm$ 0.0	1
303.75-326.25 (NW)	16.1 $\pm$ 0.0	1
326.25-348.75 (NNW)	15.8 $\pm$ 2.4	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.0 $\pm$ 1.6	13
2-5	14.8 $\pm$ 2.4	19
>5	16.4 $\pm$ 2.7	7
UPWIND CONTROL DATA	13.8 $\pm$.9	3

HATCH
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860423 128 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.			
001	342	23	20.2	+- .6	3.0	14.2	+- .7	6.2
002	359	7.7	17.3	+- .5	2.0	11.4	+- .6	6.0
003	354	4.5	17.1	+- .5	2.0	11.2	+- .6	6.0
004	336	2.9	15.5	+- .5	2.0	9.7	+- .6	5.9
005	309	4.6	16.0	+- .5	2.4	10.2	+- .6	5.9
006	297	5.6	19.1	+- .6	2.9	13.1	+- .7	6.1
007	24	2.8	17.2	+- .5	2.0	11.3	+- .6	6.0
008	49	2.0	17.1	+- .5	2.0	11.2	+- .6	6.0
009	49	1.0	17.6	+- .5	2.0	11.7	+- .6	6.0
010	28	4.8	MISSING OR DAMAGED DOSIMETER					
011	67	5.0	18.1	+- .5	2.7	12.2	+- .6	6.1
012	50	5.1	21.5	+- .6	3.2	15.3	+- .7	6.3
013	353	2.0	16.4	+- .5	2.0	10.5	+- .6	6.0
014	341	1.6	17.0	+- .5	2.0	11.0	+- .6	6.1
015	14	1.0	16.9	+- .5	2.0	11.0	+- .6	6.0
016	232	0.9	16.6	+- .5	2.0	10.7	+- .6	6.0
017	205	1.6	18.0	+- .5	2.0	12.0	+- .6	6.1
018	192	4.2	16.4	+- .5	2.0	10.6	+- .6	6.0
019	184	4.2	14.3	+- .4	1.1	8.5	+- .5	5.9
020	165	4.6	15.1	+- .5	2.3	9.8	+- .6	6.0
021	135	4.4	17.0	+- .5	2.0	11.0	+- .6	6.1
022	120	4.1	19.3	+- .6	2.6	12.3	+- .7	6.1
023	107	3.7	21.6	+- .6	3.0	15.6	+- .7	6.3
024	12	14	15.3	+- .5	2.0	9.3	+- .6	5.9
025	114	12	16.9	+- .5	2.0	11.0	+- .6	6.0
026	142	1.8	17.7	+- .5	2.0	11.0	+- .6	6.0
027	157	2.2	16.2	+- .5	2.4	10.3	+- .6	6.0
028	171	0.9	17.5	+- .5	2.0	11.0	+- .6	6.0
029	253	1.0	16.1	+- .5	2.4	10.2	+- .6	6.0
030	270	1.0	16.9	+- .5	2.0	11.1	+- .6	6.0
031	292	1.1	16.3	+- .5	2.4	10.4	+- .6	6.0
032	260	4.2	17.5	+- .5	2.0	11.6	+- .6	6.0
033	240	4.3	MISSING OR DAMAGED DOSIMETER					
034	216	4.1	14.3	+- .4	2.1	8.5	+- .6	5.9
035	23	12	15.0	+- .5	2.4	10.0	+- .6	5.9
036	182	10	14.3	+- .4	2.1	8.5	+- .6	5.9
037	177	10	16.2	+- .5	2.4	10.4	+- .6	6.0
038	323	12	18.0	+- .5	2.7	12.1	+- .6	6.1
039	321	13	18.4	+- .5	2.3	12.5	+- .7	6.1
040	323	12	18.0	+- .5	2.7	12.1	+- .6	6.1

TRANSIT DOSE = 5.5 +- .4 ; 5.7

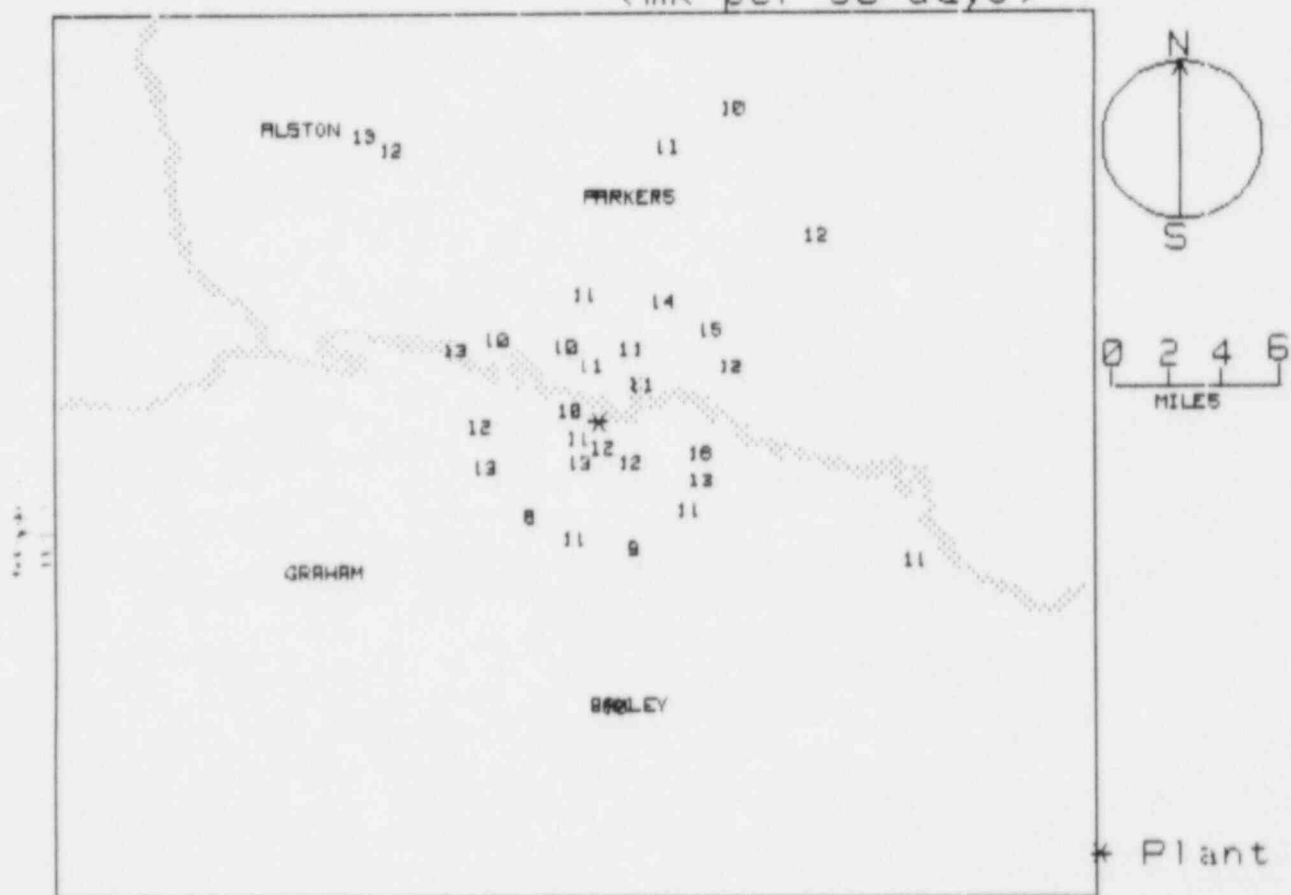
HATCH
FOR THE PERIOD 851217-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	11.1 $\pm$.5	3
11.25-33.75 (NNE)	10.4 $\pm$.8	4
33.75-56.25 (NE)	12.8 $\pm$ 2.3	3
56.25-78.75 (ENE)	12.2 $\pm$ 0.0	1
78.75-101.25 (E)	NO DATA--NO DATA	0
101.25-123.75 (ESE)	13.3 $\pm$ 2.3	3
123.75-146.25 (SE)	11.5 $\pm$.4	2
146.25-168.75 (SSE)	9.8 $\pm$.7	2
168.75-191.25 (S)	9.7 $\pm$ 1.5	4
191.25-213.75 (SSW)	11.7 $\pm$ 1.6	2
213.75-236.25 (SW)	9.6 $\pm$ 1.6	2
236.25-258.75 (WSW)	10.2 $\pm$ 0.0	1
258.75-281.25 (W)	11.3 $\pm$.4	2
281.25-303.75 (WNW)	11.8 $\pm$ 1.9	2
303.75-326.25 (NW)	10.2 $\pm$ 0.0	1
326.25-348.75 (NNW)	11.9 $\pm$ 2.3	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	11.2 $\pm$.8	10
2-5	11.0 $\pm$ 1.9	14
>5	11.5 $\pm$ 2.1	11
UPWIND CONTROL DATA	12.2 $\pm$.2	3

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



INDIAN POINT
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851218-860417 121 DAYS
FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	52	1.4	15.8	+-	12.7	+-
002	53	1	17.0	+-	13.9	+-
003	61	1.5	18.0	+-	15.6	+-
004	89	1.5	19.3	+-	16.1	+-
005	107	1.9	18.9	+-	14.9	+-
006	90	1.5	19.4	+-	16.2	+-
007	133	1.6	18.6	+-	15.4	+-
008	158	1.6	19.9	+-	16.8	+-
009	188	1.2	20.4	+-	17.3	+-
010	206	1.9	18.7	+-	15.5	+-
011	170	1.1	17.0	+-	13.9	+-
012	155	1.3	17.3	+-	14.2	+-
013	136	1.3	17.3	+-	14.2	+-
014	107	1.1	16.0	+-	13.7	+-
015	94	1.0	16.3	+-	13.9	+-
016	142	1.1	19.0	+-	16.5	+-
018	147	1.1	19.1	+-	16.6	+-
019	137	1.1	18.0	+-	15.7	+-
020	129	1.2	18.1	+-	15.8	+-
022	74	1.5	18.6	+-	16.2	+-
023	55	1.5	18.9	+-	16.5	+-
024	55	1.5	18.9	+-	16.5	+-
025	45	1.4	18.0	+-	14.9	+-
026	40	1.4	18.0	+-	14.9	+-
027	35	1.4	19.1	+-	16.6	+-
028	44	1.4	18.4	+-	15.8	+-
029	22	1.9	18.4	+-	15.8	+-
030	00	1.9	18.4	+-	15.8	+-
031	00	1.9	18.4	+-	15.8	+-
032	00	1.9	18.4	+-	15.8	+-
033	00	1.9	18.4	+-	15.8	+-
034	00	1.9	18.4	+-	15.8	+-
035	00	1.9	18.4	+-	15.8	+-
036	00	1.9	18.4	+-	15.8	+-
037	00	1.9	18.4	+-	15.8	+-
038	00	1.9	18.4	+-	15.8	+-
039	00	1.9	18.4	+-	15.8	+-
040	00	1.9	18.4	+-	15.8	+-
041	00	1.9	18.4	+-	15.8	+-
042	00	1.9	18.4	+-	15.8	+-
043	00	1.9	18.4	+-	15.8	+-
044	00	1.9	18.4	+-	15.8	+-
045	00	1.9	18.4	+-	15.8	+-
046	00	1.9	18.4	+-	15.8	+-
047	00	1.9	18.4	+-	15.8	+-
048	00	1.9	18.4	+-	15.8	+-
049	00	1.9	18.4	+-	15.8	+-
050	00	1.9	18.4	+-	15.8	+-

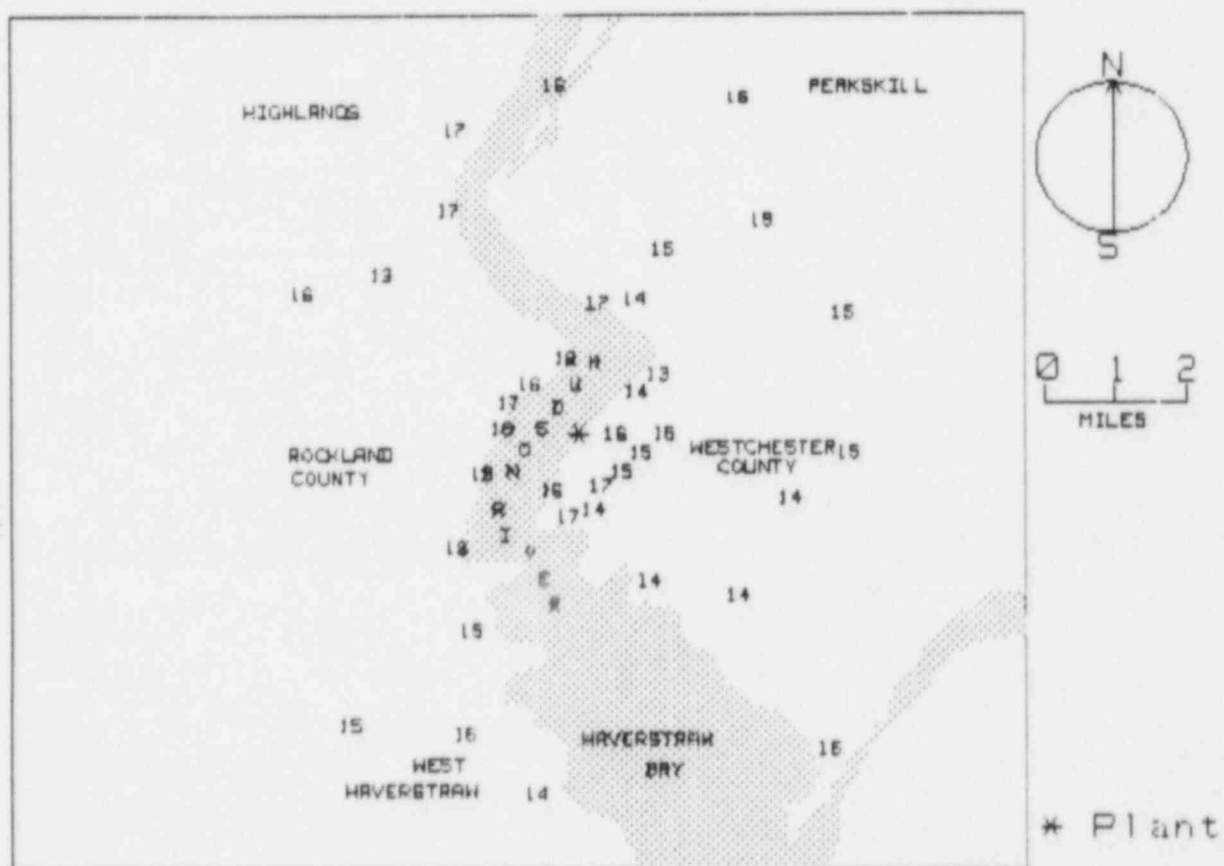
TRANSIT DOSE = 2.8 +- .3

INDIAN POINT
FOR THE PERIOD 851218-860417

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.8 $\pm$ 3.8	5
11.25-33.75 (NNE)	15.6 $\pm$.5	2
33.75-56.25 (NE)	15.1 $\pm$ 3.1	3
56.25-78.75 (ENE)	15.3 $\pm$.4	3
78.75-101.25 (E)	15.8 $\pm$.6	3
101.25-123.75 (ESE)	14.3 $\pm$.8	2
123.75-146.25 (SE)	15.2 $\pm$.7	5
146.25-168.75 (SSE)	15.7 $\pm$ 1.3	3
168.75-191.25 (S)	15.1 $\pm$ 1.6	4
191.25-213.75 (SSW)	15.4 $\pm$.2	3
213.75-236.25 (SW)	16.2 $\pm$ 2.1	2
236.25-258.75 (WSW)	18.8 $\pm$ 0.0	1
258.75-281.25 (W)	17.5 $\pm$ 0.0	1
281.25-303.75 (WNW)	16.4 $\pm$.3	2
303.75-326.25 (NW)	15.7 $\pm$ 0.0	1
326.25-348.75 (NNW)	16.8 $\pm$.7	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.0 $\pm$ 1.5	18
2-5	15.8 $\pm$ 1.4	14
>5	16.1 $\pm$ 2.6	11
UPWIND CONTROL DATA	15.3 $\pm$.7	2



NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Otr. + Rdm; Tot.	
001	189	8.1	12.8	.4	1.9	12.5
002	195	7.0	14.7	.4	2.2	14.9
003	163	4.9	12.3	.4	1.8	11.8
004	183	3.3	14.5	.4	2.2	14.6
005	210	3.2	12.7	.4	1.9	12.3
006	223	3.7	12.3	.4	1.8	11.8
007	242	5.7	13.3	.4	2.0	13.1
008	202	1.8	13.5	.4	2.0	13.4
009	180	1.8	13.7	.4	2.0	13.6
010	158	1.9	12.6	.4	1.9	12.2
011	235	1.2	13.2	.4	2.0	13.0
012	258	1.4	13.5	.4	2.0	13.4
013	273	1.4	14.1	.4	2.1	14.1
014	290	0.9	14.8	.4	2.2	15.0
015	333	0.8	14.2	.4	2.1	14.3
016	342	1.9	14.3	.4	2.1	14.4
017	317	2.0	12.5	.4	1.9	12.1
018	310	3.4	14.2	.4	2.1	14.2
019	293	4.0	14.2	.4	2.1	14.3
020	273	4.0	12.8	.4	1.9	12.5
021	300	5.6	13.3	.4	2.0	13.1
022	316	5.9	13.1	.4	2.0	12.9
023	345	7.7	14.4	.4	2.2	14.5
024	219	1.3	12.6	.4	1.9	12.2
025	247	1.4	13.1	.4	2.0	12.8
026	263	1.3	13.9	.4	2.1	13.9
027	290	1.4	12.7	.4	1.9	12.3
028	320	1.3	MISSING OR DAMAGED DOSIMETER			
029	342	1.1	13.7	.4	2.0	13.6
030	329	0.6	12.8	.4	1.8	11.4
031	13	1.0	12.9	.4	1.9	12.5
032	353	2.1	14.4	.4	2.2	14.5
033	301	3.9	13.5	.4	2.0	13.4
034	299	4.4	13.2	.4	2.0	13.0
035	323	3.8	12.8	.4	1.9	12.4
036	336	3.3	MISSING OR DAMAGED DOSIMETER			
037	6	3.1	12.8	.4	1.9	12.4
038	14	3.7	12.1	.4	1.8	11.6
039	13	6.6	11.9	.4	1.8	11.3
040	247	3	14.9	.4	2.2	15.2
041	0	3.1	12.9	.4	1.9	12.5
042	0	3.1	12.2	.4	1.8	11.7
043	0	3.1	13.0	.4	2.0	12.7

TRANSIT DOSE = 3.1 +- .3 : 2.9

KEWAUNEE/PT. BEACH
FOR THE PERIOD 851217-860410

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.4 $\pm$ 1.5	2
11.25-33.75 (NNE)	11.8 $\pm$.6	3
33.75-56.25 (NE)	NO DATA $\pm$ NO DATA	0
56.25-78.75 (ENE)	NO DATA $\pm$ NO DATA	0
78.75-101.25 (E)	NO DATA $\pm$ NO DATA	0
101.25-123.75 (ESE)	NO DATA $\pm$ NO DATA	0
123.75-146.25 (SE)	NO DATA $\pm$ NO DATA	0
146.25-168.75 (SSE)	12.0 $\pm$.3	2
168.75-191.25 (S)	13.5 $\pm$ 1.1	3
191.25-213.75 (SSW)	13.5 $\pm$ 1.3	3
213.75-236.25 (SW)	12.3 $\pm$.6	3
236.25-258.75 (WSW)	13.6 $\pm$ 1.1	4
258.75-281.25 (W)	13.5 $\pm$.9	3
281.25-303.75 (WNW)	13.5 $\pm$ 1.0	6
303.75-326.25 (NW)	12.9 $\pm$.9	4
326.25-348.75 (NNW)	13.6 $\pm$ 1.3	5

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	13.2 $\pm$ 1.0	17
2-5	13.2 $\pm$ 1.2	14
>5	12.8 $\pm$ 1.0	7
UPWIND CONTROL DATA	12.3 $\pm$.5	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 851217-860415 120 DAYS
FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.
001	5/	20.	16.1	+-	12.9	+-
002	5/	20.	16.4	+-	13.2	+-
003	3/	20.	17.3	+-	14.3	+-
004	343	3.8	18.5	+-	15.5	+-
005	313	3.8	16.7	+-	13.6	+-
006	291	3.8	17.8	+-	14.8	+-
007	261	4.0	18.3	+-	15.3	+-
008	249	3.2	18.1	+-	15.1	+-
009	214	3.0	16.3	+-	13.1	+-
010	171	3.0	16.9	+-	13.8	+-
011	176	3.1	16.6	+-	13.5	+-
012	165	4.4	17.3	+-	14.2	+-
013	138	3.9	19.4	+-	16.5	+-
014	114	4.2	17.0	+-	13.9	+-
015	97	3.9	16.7	+-	13.6	+-
016	94	3.8	16.8	+-	13.7	+-
017	105	2.8	18.1	+-	15.8	+-
018	52	1.1	15.6	+-	12.5	+-
019	16	1.1	16.2	+-	13.1	+-
020	1	1.0	16.8	+-	13.9	+-
021	358	0.5	19.3	+-	16.3	+-
022	188	0.6	17.7	+-	14.7	+-
023	134	1.7	18.3	+-	15.3	+-
024	58	0.6	16.5	+-	13.4	+-
025	59	3.1	16.2	+-	13.8	+-
026	16	1.5	17.3	+-	14.3	+-
027	26	5.1	17.0	+-	13.9	+-
028	25	7.0	15.9	+-	12.8	+-
029	4	4.8	16.9	+-	13.8	+-
TRANSIT DOSE =		3.8 +- .3				

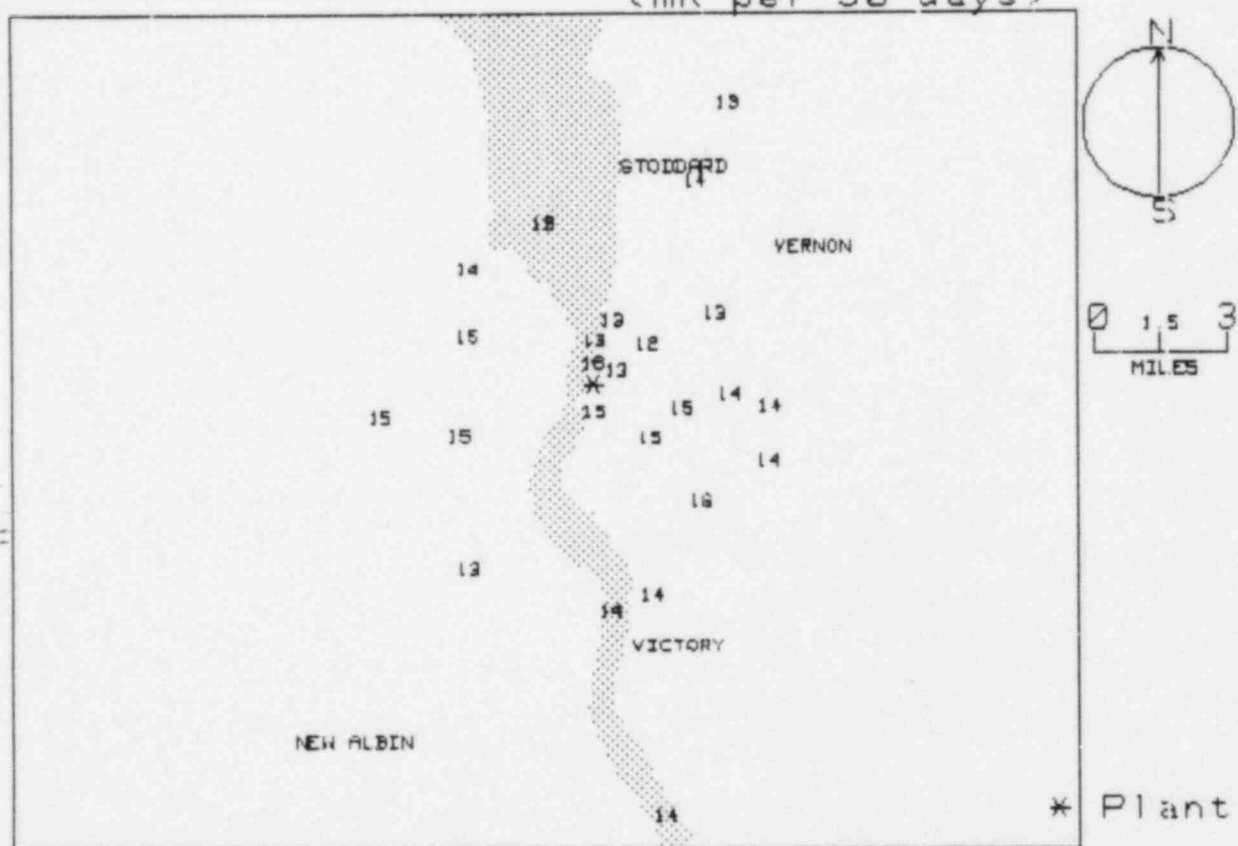
LACROSSE
FOR THE PERIOD 851217-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

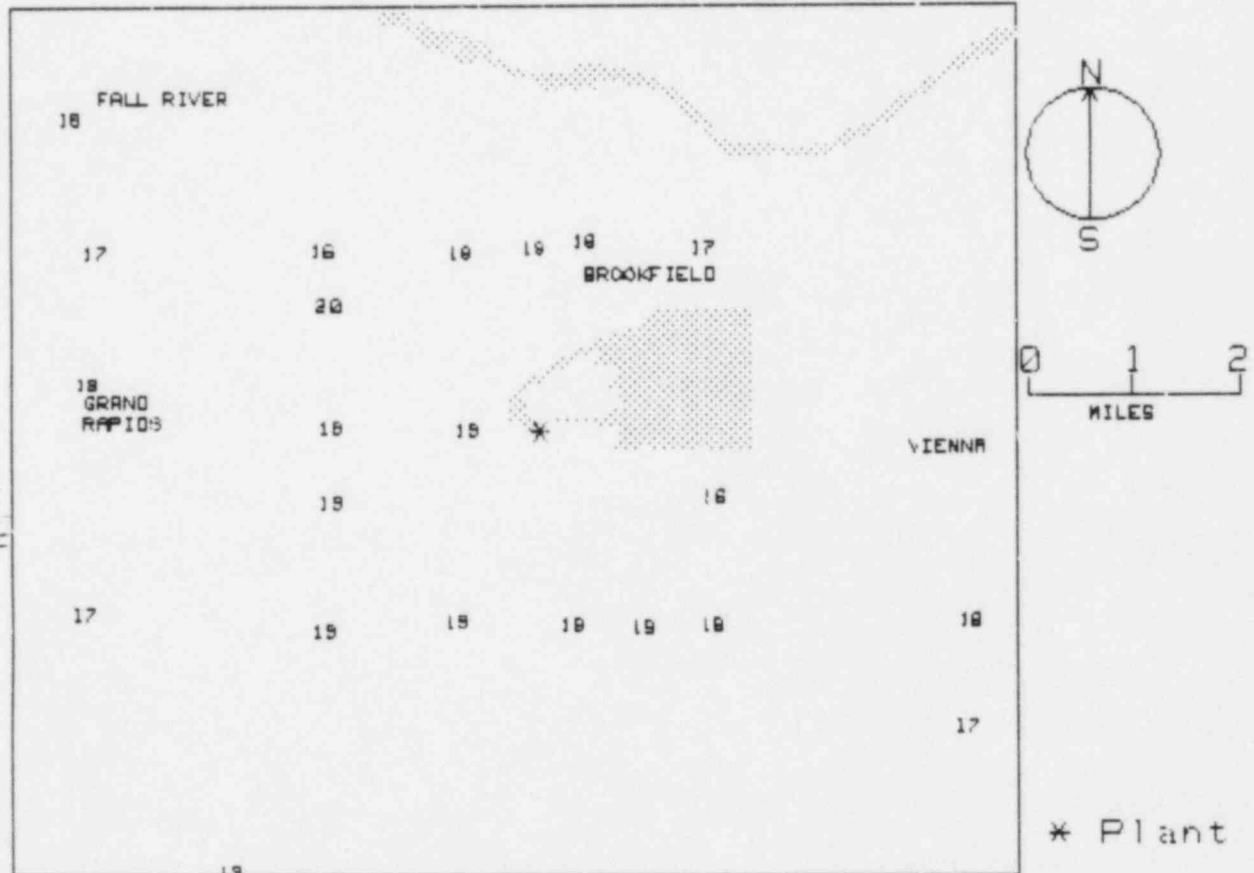
AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	14.3 $\pm$ 1.8	3
11.25-33.75 (NNE)	13.5 $\pm$.7	4
33.75-56.25 (NE)	12.5 $\pm$ 0.0	1
56.25-78.75 (ENE)	13.2 $\pm$.2	2
78.75-101.25 (E)	13.6 $\pm$.1	2
101.25-123.75 (ESE)	14.5 $\pm$.8	2
123.75-146.25 (SE)	15.8 $\pm$.8	2
146.25-168.75 (SSE)	14.2 $\pm$ 0.0	1
168.75-191.25 (S)	14.0 $\pm$.6	3
191.25-213.75 (SSW)	NO DATA $\pm$ NO DATA	0
213.75-236.25 (SW)	13.1 $\pm$ 0.0	1
236.25-258.75 (WSW)	15.1 $\pm$ 0.0	1
258.75-281.25 (W)	15.3 $\pm$ 0.0	1
281.25-303.75 (WNW)	14.8 $\pm$ 0.0	1
303.75-326.25 (NW)	13.6 $\pm$ 0.0	1
326.25-348.75 (NNW)	15.5 $\pm$ 0.0	1

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.1 $\pm$ 1.3	9
2-5	14.3 $\pm$ 1.0	13
>5	13.5 $\pm$.5	4
UPWIND CONTROL DATA	13.5 $\pm$.7	3

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



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



LIMERICK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851219-860402 105 DAYS
FIELD TIME 80 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	12	9.	20.4 +- .6	3.1	20.2 +- .8	5.7
003	88	3.7	17.4 +- .5	2.6	16.8 +- .7	5.5
004	52	3.2	18.3 +- .5	2.7	17.9 +- .7	5.5
005	23	3.5	18.6 +- .6	2.8	18.2 +- .7	5.5
006	8	4.6	18.7 +- .6	2.8	18.3 +- .7	5.5
007	340	7.1	17.6 +- .5	2.6	17.1 +- .7	5.5
008	330	3.6	17.4 +- .5	2.6	16.8 +- .7	5.5
009	313	3.3	17.6 +- .5	2.6	17.0 +- .7	5.5
010	291	4.0	18.1 +- .5	2.7	17.6 +- .7	5.5
011	303	2.9	22.2 +- .7	3.3	22.2 +- .8	5.9
012	314	1.6	16.6 +- .5	2.3	15.9 +- .6	5.4
013	352	1.7	18.5 +- .6	2.8	18.0 +- .7	5.6
014	339	1.3	16.6 +- .5	2.5	15.9 +- .6	5.4
015	47	1.8	18.1 +- .5	2.7	17.6 +- .7	5.5
016	71	2.7	19.0 +- .6	2.9	18.6 +- .7	5.6
017	17	.4	16.6 +- .5	2.3	15.9 +- .6	5.4
018	286	.5	MISSING OR DAMAGED DOSIMETER			
019	276	.6	MISSING OR DAMAGED DOSIMETER			
020	245	.9	16.7 +- .5	2.3	16.1 +- .6	5.4
021	224	1	17.3 +- .5	2.6	16.7 +- .7	5.4
022	202	1.2	17.6 +- .5	2.6	17.0 +- .7	5.5
023	172	1.6	15.8 +- .5	2.4	15.0 +- .6	5.3
024	150	1.7	15.8 +- .5	2.4	15.0 +- .6	5.3
025	132	1.2	18.5 +- .6	2.8	18.0 +- .7	5.6
026	120	1.2	19.1 +- .6	2.9	18.8 +- .7	5.6
027	160	1	18.4 +- .6	2.8	17.9 +- .7	5.5
028	91	1	MISSING OR DAMAGED DOSIMETER			
029	67	.7	17.8 +- .5	2.7	17.2 +- .7	5.5
030	146	3.4	20.1 +- .6	3.0	19.9 +- .7	5.7
031	158	2.8	18.5 +- .6	2.8	18.0 +- .7	5.6
032	152	7.4	17.7 +- .5	2.6	17.1 +- .7	5.5
033	184	4.3	16.0 +- .5	2.4	15.3 +- .6	5.3
034	201	3.9	17.0 +- .5	2.6	16.4 +- .6	5.4
035	225	5.1	16.7 +- .5	2.5	16.1 +- .6	5.4
036	245	4.2	16.9 +- .5	2.5	16.3 +- .6	5.4
037	266	3.9	15.2 +- .5	2.3	14.4 +- .6	5.3
038	290	1.5	18.7 +- .6	2.8	18.3 +- .7	5.6
039	290	1.5	18.6 +- .6	2.8	18.1 +- .7	5.6
040	290	1.5	20.6 +- .6	3.1	20.4 +- .8	6.0
041	128	3	14.6 +- .4	2.2	13.7 +- .6	5.2
042	111	4.4	17.2 +- .5	2.6	16.6 +- .7	5.4

TRANSIT DOSE = 2.4 +- .3 ; 4.1

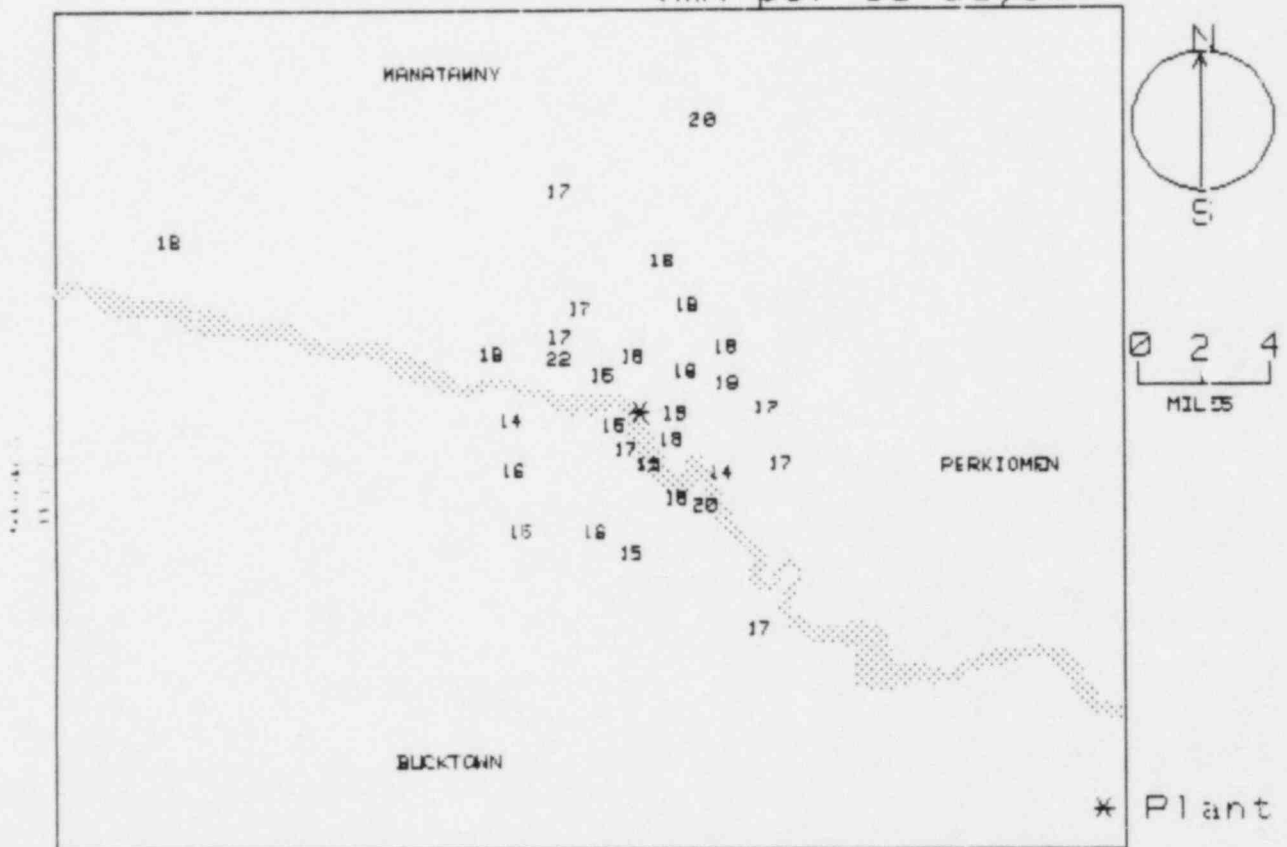
LIMERICK
FOR THE PERIOD 851219-860402

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.1 $\pm$.2	2
11.25-33.75 (NNE)	18.1 $\pm$ 2.1	3
33.75-56.25 (NE)	17.7 $\pm$.2	2
56.25-78.75 (ENE)	17.9 $\pm$ 1.0	2
78.75-101.25 (E)	16.8 $\pm$ 0.0	1
101.25-123.75 (ESE)	17.7 $\pm$ 1.5	2
123.75-146.25 (SE)	17.2 $\pm$ 3.2	3
146.25-168.75 (SSE)	17.0 $\pm$ 1.4	4
168.75-191.25 (S)	15.1 $\pm$.2	2
191.25-213.75 (SSW)	16.7 $\pm$.4	2
213.75-236.25 (SW)	16.4 $\pm$.4	2
236.25-258.75 (WSW)	16.2 $\pm$.2	2
258.75-281.25 (W)	14.4 $\pm$ 0.0	1
281.25-303.75 (WNW)	19.9 $\pm$ 3.3	2
303.75-326.25 (NW)	16.5 $\pm$.8	2
326.25-348.75 (NNW)	16.6 $\pm$.6	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	16.8 $\pm$ 1.2	14
2-5	17.3 $\pm$ 2.0	17
>5	17.6 $\pm$ 1.6	4
UPWIND CONTROL DATA	18.9 $\pm$ 1.3	3

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



MAINE YANKEE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851218-860407 111 DAYS
FIELD TIME 86 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+/-	Rdm;Tot.	mR/Std.Qtr.	+/- Rdm;Tot.	
001	340	1.	17.8	+- .5	2.7	16.7 +- .6	5.1
002	6	1.4	17.8	+- .5	2.7	16.8 +- .6	5.1
003	23	1.5	15.8	+- .5	2.4	14.7 +- .6	5.0
004	44	1.8	16.4	+- .5	2.5	15.3 +- .6	5.0
005	116	.5	15.5	+- .5	2.3	14.4 +- .6	5.0
006	168	1	16.4	+- .5	2.5	15.2 +- .6	5.0
007	185	1.6	15.9	+- .5	2.4	14.8 +- .6	5.0
008	195	2.3	16.4	+- .5	2.5	15.2 +- .6	5.0
009	209	3.8	15.8	+- .5	2.4	14.7 +- .6	5.0
010	310	1.7	15.7	+- .5	2.4	14.6 +- .6	5.0
011	290	1.8	17.7	+- .5	2.6	16.6 +- .6	5.1
012	275	1.7	17.1	+- .5	2.6	16.0 +- .6	5.1
013	256	1.9	16.2	+- .5	2.4	15.1 +- .6	5.0
014	232	2.3	17.4	+- .5	2.6	16.3 +- .6	5.1
015	227	3.3	16.2	+- .5	2.4	15.8 +- .6	5.0
016	246	4.4	17.6	+- .5	2.6	16.6 +- .6	5.1
017	250	6.6	23.2	+- .7	3.3	22.4 +- .8	5.6
018	268	4.7	17.1	+- .5	2.6	16.0 +- .6	5.1
019	283	4.4	16.5	+- .5	2.5	15.4 +- .6	5.0
020	305	4.7	MISSING OR DAMAGED DOSIMETER				
021	300	2.9	15.6	+- .5	2.3	14.4 +- .6	5.0
022	332	2.7	17.1	+- .5	2.6	16.0 +- .6	5.1
023	20	3.9	16.4	+- .5	2.5	15.3 +- .6	5.0
024	23	3	17.2	+- .5	2.6	16.1 +- .6	5.1
025	42	4.7	16.3	+- .5	2.4	15.2 +- .6	5.0
026	60	15	14.8	+- .4	2.2	13.6 +- .5	4.9
027	62	16.	16.1	+- .5	2.4	14.9 +- .6	5.0
028	63	16.	16.6	+- .5	2.5	15.5 +- .6	5.0
029	64	2.1	18.2	+- .5	2.7	17.2 +- .6	5.2
030	84	1.5	17.4	+- .5	2.6	16.3 +- .6	5.1
031	115	1.6	16.7	+- .5	2.5	15.6 +- .6	5.0
032	135	2	MISSING OR DAMAGED DOSIMETER				
033	66	3.5	15.8	+- .5	2.4	14.6 +- .6	5.0
034	97	4.9	17.0	+- .5	2.5	15.9 +- .6	5.1
035	123	4.8	17.1	+- .5	2.6	16.0 +- .6	5.1
036	140	4.9	MISSING OR DAMAGED DOSIMETER				
037	151	6	MISSING OR DAMAGED DOSIMETER				
038	152	4.2	18.0	+- .5	2.7	16.9 +- .6	5.2
039	172	4.9	17.1	+- .5	2.6	16.0 +- .6	5.1
040	156	7.4	17.4	+- .5	2.6	16.3 +- .6	5.1

TRANSIT DOSE = 1.8 +- .3 ; 4.1

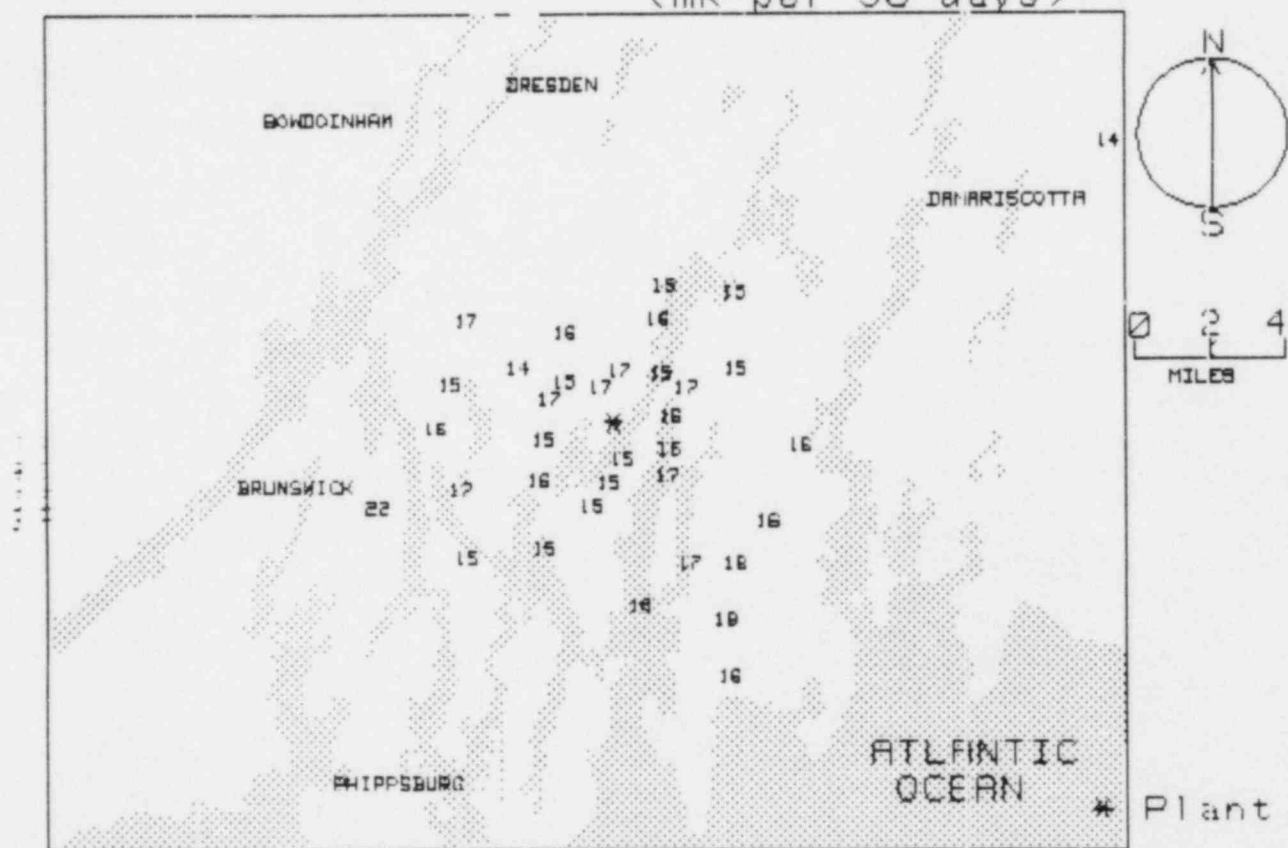
MAINE YANKEE
FOR THE PERIOD 851218-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.8 $\pm$ 0.0	1
11.25-33.75 (NNE)	15.4 $\pm$.7	3
33.75-56.25 (NE)	15.2 $\pm$.1	2
56.25-78.75 (ENE)	15.9 $\pm$ 1.8	2
78.75-101.25 (E)	16.1 $\pm$.3	2
101.25-123.75 (ESE)	15.3 $\pm$.9	3
123.75-146.25 (SE)	NO DATA--NO DATA	0
146.25-168.75 (SSE)	16.1 $\pm$.8	3
168.75-191.25 (S)	15.4 $\pm$.9	2
191.25-213.75 (SSW)	15.0 $\pm$.4	2
213.75-236.25 (SW)	15.7 $\pm$.9	2
236.25-258.75 (WSW)	18.0 $\pm$ 3.8	3
258.75-281.25 (W)	16.0 $\pm$ 0.0	2
281.25-303.75 (WNW)	15.5 $\pm$ 1.1	3
303.75-326.25 (NW)	14.6 $\pm$ 0.0	1
326.25-348.75 (NNW)	16.3 $\pm$.5	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.5 $\pm$.9	13
2-5	15.8 $\pm$.8	17
>5	17.9 $\pm$ 3.9	3
UPWIND CONTROL DATA	14.7 $\pm$ 1.0	3

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



MCQUIRE
FOR THE PERIOD 851212-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.2 $\pm$ 2.5	2
11.25-33.75 (NNE)	17.6 $\pm$ 1.7	2
33.75-56.25 (NE)	15.7 $\pm$ 4.9	2
56.25-78.75 (ENE)	15.0 $\pm$.7	2
78.75-101.25 (E)	15.2 $\pm$ 1.3	3
101.25-123.75 (ESE)	15.5 $\pm$ 0.0	1
123.75-146.25 (SE)	13.5 $\pm$ 1.3	3
146.25-168.75 (SSE)	13.7 $\pm$ 2.0	3
168.75-191.25 (S)	13.6 $\pm$.4	2
191.25-213.75 (SSW)	17.2 $\pm$ 1.4	3
213.75-236.25 (SW)	18.1 $\pm$ 5.4	2
236.25-258.75 (WSW)	18.4 $\pm$ 4.7	2
258.75-281.25 (W)	13.4 $\pm$.9	2
281.25-303.75 (WNW)	22.1 $\pm$ 8.0	3
303.75-326.25 (NW)	15.4 $\pm$.1	2
326.25-348.75 (NNW)	18.1 $\pm$ 2.5	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.2 $\pm$ 2.1	12
2-5	17.0 $\pm$ 4.2	21
>5	14.4 $\pm$ 2.1	3
UPWIND CONTROL DATA	22.8 $\pm$.5	3

MAP FOR McGUIRE

Map will be provided for this site in the future.

MILLSTONE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851218-860407 111 DAYS
FIELD TIME 97 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std. Dtr. +- Rdm; Tot.
001	0 1	20.8 +- .6	18.9 +- .6
002	24 1.3	16.2 +- .5	14.7 +- .5
003	47 1.5	20.1 +- .6	18.3 +- .6
004	60 1.7	18.6 +- .6	16.9 +- .6
005	85 1.3	19.7 +- .6	17.9 +- .6
006	110 1.8	19.6 +- .6	17.8 +- .6
007	67 5.3	19.4 +- .6	17.6 +- .6
008	49 5.3	19.7 +- .6	17.9 +- .6
009	84 5.3	19.3 +- .6	17.6 +- .6
011	232 2.5	17.6 +- .5	16.0 +- .5
012	256 2.4	19.6 +- .6	17.8 +- .6
013	274 2.2	20.3 +- .6	18.4 +- .6
014	295 1.1	20.6 +- .6	18.7 +- .6
015	315 1.1	16.9 +- .5	15.3 +- .5
016	339 1.1	21.1 +- .6	19.2 +- .6
017	353 0.3	19.1 +- .6	17.4 +- .6
018	24 0.3	19.8 +- .6	18.0 +- .6
019	33 0.3	21.6 +- .6	19.7 +- .6
020	82 4.4	18.5 +- .6	16.8 +- .6
022	59 3.7	21.6 +- .6	19.7 +- .6
028	257 5.8	24.2 +- .7	22.1 +- .7
029	272 6.7	22.1 +- .7	20.2 +- .7
030	295 6.5	21.9 +- .7	19.9 +- .7
031	317 6.6	18.6 +- .6	16.9 +- .6
032	327 4.3	21.7 +- .6	19.7 +- .6
033	41 4.3	20.6 +- .6	18.8 +- .6
034	54 6.5	21.8 +- .7	19.8 +- .7
037	354 6.8	19.7 +- .6	17.9 +- .6
039	1 5.7	19.3 +- .6	17.5 +- .6
040	278 8.7	17.8 +- .6	16.1 +- .6
041	34 11.	26.1 +- .8	23.8 +- .8
042	84 8	19.8 +- .6	18.0 +- .6
046	41 .6	19.3 +- .6	17.6 +- .6
048	4 40	23.8 +- .7	21.7 +- .7
049	4 40	24.2 +- .7	22.1 +- .7

TRANSIT DOSE = .4 +- .3 ; 4.1

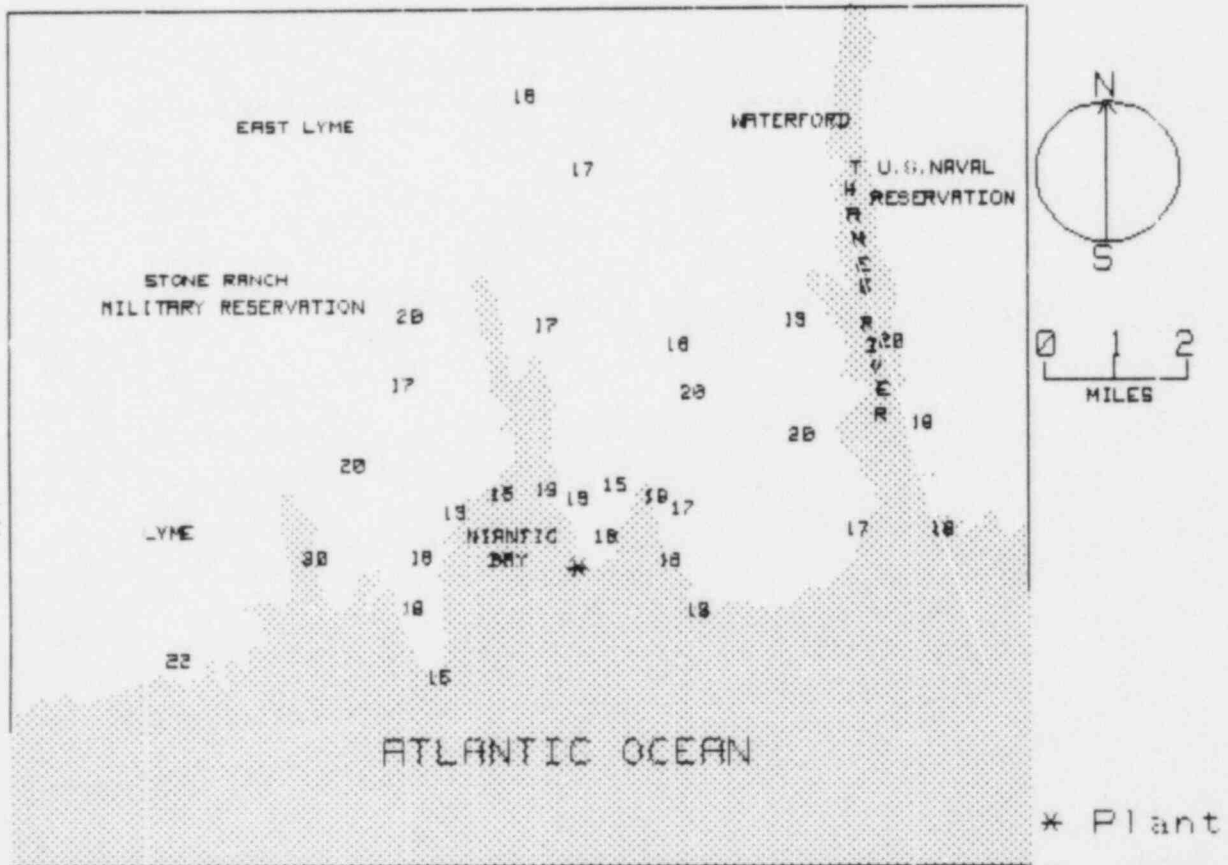
MILLSTONE
FOR THE PERIOD 851218-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.8 $\pm$.7	4
11.25-33.75 (NNE)	17.5 $\pm$ 2.5	3
33.75-56.25 (NE)	19.4 $\pm$ 2.3	6
56.25-78.75 (ENE)	18.1 $\pm$ 1.5	3
78.75-101.25 (E)	17.6 $\pm$.6	4
101.25-123.75 (ESE)	17.8 $\pm$ 0.0	1
123.75-146.25 (SE)	NO DATA--NO DATA	0
146.25-168.75 (SSE)	NO DATA--NO DATA	0
168.75-191.25 (S)	NO DATA--NO DATA	0
191.25-213.75 (SSW)	NO DATA--NO DATA	0
213.75-236.25 (SW)	16.0 $\pm$ 0.0	1
236.25-258.75 (WSW)	20.0 $\pm$ 3.1	2
258.75-281.25 (W)	18.2 $\pm$ 2.0	3
281.25-303.75 (WNW)	19.3 $\pm$.9	2
303.75-326.25 (NW)	16.1 $\pm$ 1.1	2
326.25-348.75 (NNW)	19.5 $\pm$.4	2

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.5 $\pm$ 1.5	10
2-5	18.4 $\pm$ 1.4	13
>5	18.8 $\pm$ 2.4	10
UPWIND CONTROL DATA	21.9 $\pm$.2	2

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



NRC STATION	LOCATION		GROSS EXPOSURE (mR) + Rdm; Tot.	NET EXPOSURE RATE mR/Std. Qtr. + Rdm; Tot.
	AZIMUTH (deg.)	DIST (mi.)		
001	133	3.6	15.8 +- .5	14.5 +- .6
002	163	4.6	16.1 +- .5	14.8 +- .6
003	183	4.1	15.5 +- .5	14.1 +- .6
004	206	4.3	16.5 +- .5	15.2 +- .6
005	230	4.2	16.2 +- .5	14.9 +- .6
006	253	4.6	16.1 +- .5	14.8 +- .6
007	269	4.4	16.7 +- .5	15.4 +- .6
008	286	4.0	15.9 +- .5	14.6 +- .6
009	274	1.9	16.6 +- .5	14.7 +- .6
010	244	1.3	14.8 +- .4	13.4 +- .6
011	226	0.9	14.8 +- .4	13.4 +- .6
012	181	1.8	15.8 +- .4	13.6 +- .6
013	137	1.7	15.8 +- .4	14.5 +- .6
014	155	1.0	15.7 +- .4	14.4 +- .6
015	208	0.6	15.5 +- .3	14.2 +- .6
016	284	2.0	15.9 +- .4	14.6 +- .6
017	113	1.6	15.3 +- .3	13.9 +- .6
018	85	1.1	15.4 +- .3	14.1 +- .6
019	63	1.2	14.8 +- .3	13.4 +- .6
020	37	1.7	15.7 +- .4	14.4 +- .6
021	23	0.8	16.9 +- .5	15.6 +- .6
022	354	0.7	16.2 +- .4	14.9 +- .6
023	338	0.8	16.4 +- .5	15.2 +- .6
024	307	1.8	15.4 +- .3	14.1 +- .6
025	339	4.1	14.9 +- .4	13.5 +- .6
026	320	4.6	16.1 +- .4	14.8 +- .6
027	354	4.5	15.7 +- .3	14.4 +- .6
028	17	3.7	13.6 +- .4	12.1 +- .5
029	50	4.0	14.9 +- .4	13.5 +- .6
030	77	3.6	15.8 +- .5	13.7 +- .6
031	115	3.3	15.9 +- .5	14.6 +- .6
032	90	4.6	16.8 +- .5	15.5 +- .6
033	323	16'	15.3 +- .3	13.9 +- .6
034	323	16'	15.1 +- .3	13.8 +- .6
035	323	16'	15.4 +- .3	14.6 +- .6
TRANSIT DOSE = 2.3 +- .3			4.2	

MONTICELLO
FOR THE PERIOD 851217-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.6 $\pm$.4	2
11.25-33.75 (NNE)	13.9 $\pm$ 2.5	2
33.75-56.25 (NE)	14.0 $\pm$.6	2
56.25-78.75 (ENE)	13.5 $\pm$.2	2
78.75-101.25 (E)	14.8 $\pm$ 1.0	2
101.25-123.75 (ESE)	14.3 $\pm$.5	2
123.75-146.25 (SE)	14.5 $\pm$.0	2
146.25-168.75 (SSE)	14.6 $\pm$.3	2
168.75-191.25 (S)	13.9 $\pm$.4	2
191.25-213.75 (SSW)	14.7 $\pm$.7	2
213.75-236.25 (SW)	14.2 $\pm$ 1.1	2
236.25-258.75 (WSW)	14.1 $\pm$ 1.0	2
258.75-281.25 (W)	15.0 $\pm$.5	2
281.25-303.75 (WNW)	14.6 $\pm$.0	2
303.75-326.25 (NW)	14.5 $\pm$.5	2
326.25-348.75 (NNW)	14.4 $\pm$ 1.1	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	14.3 $\pm$.6	16
2-5	14.4 $\pm$.9	16
>5	NO DATA $\pm$ NO DATA	0
UPWIND CONTROL DATA	13.9 $\pm$.1	3

MAP FOR MONTICELLO

Map will be provided for this site in the future.

NORTH ANNA
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851218-860407 111 DAYS
FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.			
001	243	1.8	20.4	+- .6	3.1	20.0	+- .7	5.3
002	263	1.6	17.9	+- .5	2.7	17.3	+- .6	5.1
003	296	1	18.2	+- .5	2.7	17.7	+- .6	5.1
004	311	1.3	21.9	+- .7	3.3	21.6	+- .7	5.5
005	329	1.3	19.5	+- .6	2.9	19.0	+- .7	5.2
006	231	3.9	20.0	+- .6	3.0	19.6	+- .7	5.3
007	224	1.7	19.9	+- .6	3.0	19.5	+- .7	5.3
008	210	1.6	17.8	+- .5	2.7	17.3	+- .6	5.1
009	181	1.4	16.6	+- .5	2.5	16.0	+- .6	5.0
010	155	1.7	24.1	+- .7	3.6	23.9	+- .8	5.7
011	136	1.6	18.5	+- .6	3.0	18.0	+- .6	5.1
012	163	3.5	19.7	+- .6	3.0	19.3	+- .7	5.3
013	190	3.3	17.6	+- .5	2.5	17.1	+- .6	5.1
014	205	4.9	17.3	+- .5	2.5	16.7	+- .6	5.0
015	140	4.2	19.4	+- .6	2.9	18.9	+- .7	5.2
016	113	4.9	23.1	+- .7	3.5	22.0	+- .8	5.6
017	93	3.3	17.0	+- .5	2.5	16.4	+- .6	5.0
018	64	4.1	19.2	+- .6	2.9	18.7	+- .7	5.2
019	78	2.7	27.2	+- .8	4.1	27.2	+- .9	6.0
020	97	1.9	MISSING OR DAMAGED DOSIMETER					
021	105	1.7	17.6	+- .5	2.6	17.1	+- .6	5.1
022	60	2.4	17.9	+- .5	2.7	17.4	+- .6	5.1
023	37	1.4	19.9	+- .6	3.0	19.5	+- .7	5.3
024	16	1.6	23.4	+- .7	3.5	23.2	+- .8	5.6
025	48	3.5	16.2	+- .5	2.4	15.6	+- .6	4.9
026	17	3.7	19.8	+- .6	3.0	19.4	+- .7	5.3
027	3	4.8	17.6	+- .5	2.6	17.0	+- .6	5.1
028	348	4	18.0	+- .5	2.7	17.5	+- .6	5.1
029	2	1.9	17.3	+- .5	2.6	16.7	+- .6	5.0
030	284	5	17.5	+- .5	2.6	16.9	+- .6	5.0
031	310	4.7	19.4	+- .6	2.9	18.9	+- .7	5.2
032	273	4.9	14.1	+- .4	2.1	13.3	+- .5	4.4
033	257	5.1	19.1	+- .6	2.9	18.7	+- .7	5.2
034	242	7.1	20.4	+- .6	3.1	20.0	+- .7	5.3
035	255	11.	19.6	+- .6	2.9	19.1	+- .7	5.2
036	248	15.	19.3	+- .6	2.9	18.8	+- .7	5.2
037	247	17.	18.2	+- .5	2.7	17.7	+- .6	5.1
038	244	19.	MISSING OR DAMAGED DOSIMETER					

TRANSIT DOSE = 1.5 +- .3 ; 4.0

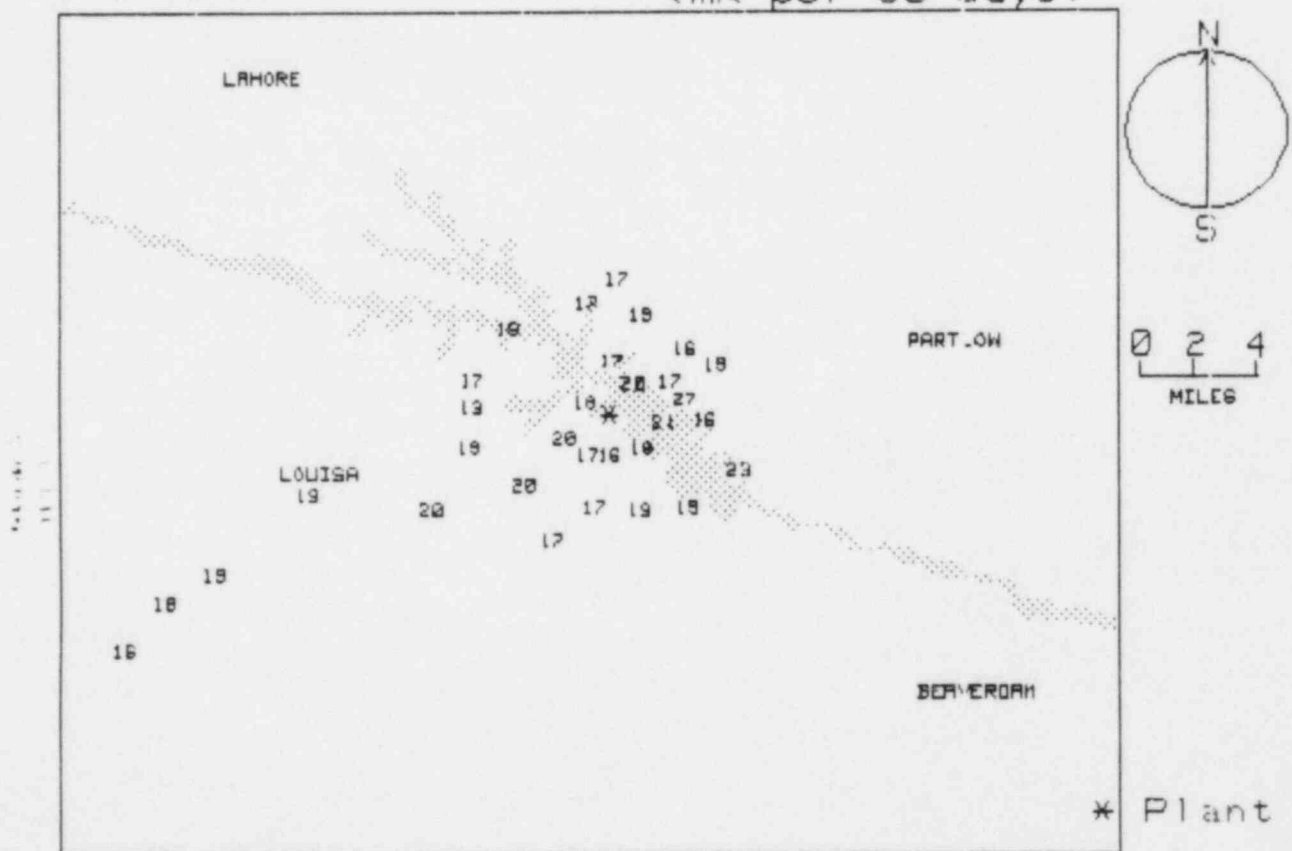
NORTH ANNA
FOR THE PERIOD 851218-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.9 $\pm$.2	2
11.25-33.75 (NNE)	21.3 $\pm$ 2.7	2
33.75-56.25 (NE)	17.6 $\pm$ 2.8	2
56.25-78.75 (ENE)	21.1 $\pm$ 5.3	3
78.75-101.25 (E)	16.4 $\pm$ 0.0	1
101.25-123.75 (ESE)	20.0 $\pm$ 4.1	2
123.75-146.25 (SE)	18.5 $\pm$.8	2
146.25-168.75 (SSE)	21.6 $\pm$ 3.3	2
168.75-191.25 (S)	16.5 $\pm$.7	2
191.25-213.75 (SSW)	17.0 $\pm$.4	2
213.75-236.25 (SW)	19.6 $\pm$.1	2
236.25-258.75 (WSW)	19.4 $\pm$.7	4
258.75-281.25 (W)	15.3 $\pm$ 2.8	2
281.25-303.75 (WNW)	17.3 $\pm$.5	2
303.75-326.25 (NW)	20.3 $\pm$ 1.9	2
326.25-348.75 (NNW)	18.3 $\pm$ 1.1	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	19.1 $\pm$ 2.4	14
2-5	18.4 $\pm$ 3.1	17
>5	19.3 $\pm$.7	3
UPWIND CONTROL DATA	18.2 $\pm$.8	2

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



OCONEE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860423 128 DAYS
 FIELD TIME 99 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	158	7.5	27.0 +- .8	4.1	21.5 +- .8	6.0
002	133	4.9	26.6 +- .8	4.0	21.2 +- .8	5.9
003	119	4.3	26.4 +- .8	4.0	20.9 +- .8	5.9
004	84	4.7	28.1 +- .8	4.2	22.5 +- .8	6.1
005	65	4.0	27.3 +- .8	4.1	21.7 +- .8	6.0
006	52	1.0	28.2 +- .8	4.2	22.6 +- .8	6.1
007	22	3.5	30.6 +- .9	4.6	24.8 +- .9	6.3
008	33	1.4	30.4 +- .9	4.6	24.6 +- .9	6.3
009	52	1.0	24.4 +- .7	3.7	19.1 +- .7	5.8
010	66	1.2	18.9 +- .6	2.8	14.2 +- .6	5.4
011	107	1.9	23.9 +- .7	3.6	18.7 +- .7	5.7
012	87	1.0	28.7 +- .9	4.3	24.0 +- .9	6.2
013	142	0.7	28.7 +- .9	4.3	23.1 +- .8	6.1
014	166	0.7	25.3 +- .8	3.8	20.0 +- .8	5.8
015	226	1.7	26.5 +- .8	4.0	21.1 +- .8	5.9
016	207	1.4	27.3 +- .8	4.1	21.8 +- .8	6.0
017	182	2.2	22.1 +- .7	3.3	17.0 +- .7	5.6
018	186	3.0	24.2 +- .7	3.6	18.9 +- .7	5.7
019	155	4.1	30.5 +- .9	4.6	24.7 +- .9	6.3
020	203	0.4	16.4 +- .5	2.5	11.8 +- .5	5.2
021	210	4.6	25.9 +- .8	3.9	20.5 +- .8	5.9
022	227	4.0	26.7 +- .8	4.0	21.2 +- .8	5.9
023	240	3.6	27.9 +- .8	4.2	22.3 +- .8	6.0
024	268	3.6	30.4 +- .9	4.6	24.6 +- .9	6.3
025	257	1.9	MISSING OR DAMAGED DOSIMETER			
026	293	3.6	25.8 +- .8	3.9	20.4 +- .8	5.9
027	311	3.5	21.7 +- .7	3.3	16.7 +- .7	5.6
028	288	2.0	24.7 +- .7	3.7	19.4 +- .7	5.8
029	275	1.0	23.9 +- .7	3.6	18.7 +- .7	5.7
030	321	1.8	26.1 +- .8	3.9	20.7 +- .8	5.9
031	344	2.0	22.5 +- .7	3.4	17.4 +- .7	5.6
032	336	3.7	27.7 +- .8	4.1	22.1 +- .8	6.0
033	358	4.5	23.8 +- .7	3.6	18.6 +- .7	5.7
034	256	9.4	35.1 +- 1.1	5.3	28.9 +- 1.0	6.7
035	149	21.	27.7 +- .8	4.1	22.1 +- .8	6.0
036	126	8.2	MISSING OR DAMAGED DOSIMETER			
037	96	9.7	29.7 +- .9	4.4	23.9 +- .9	6.2
038	32	16.	33.2 +- 1.0	5.0	27.2 +- 1.0	6.5
039	31	16.	27.5 +- .8	4.1	22.0 +- .8	6.0
040	29	16.	31.4 +- .9	4.7	25.5 +- .9	6.4

TRANSIT DOSE = 3.3 +- .3 ; 5.2

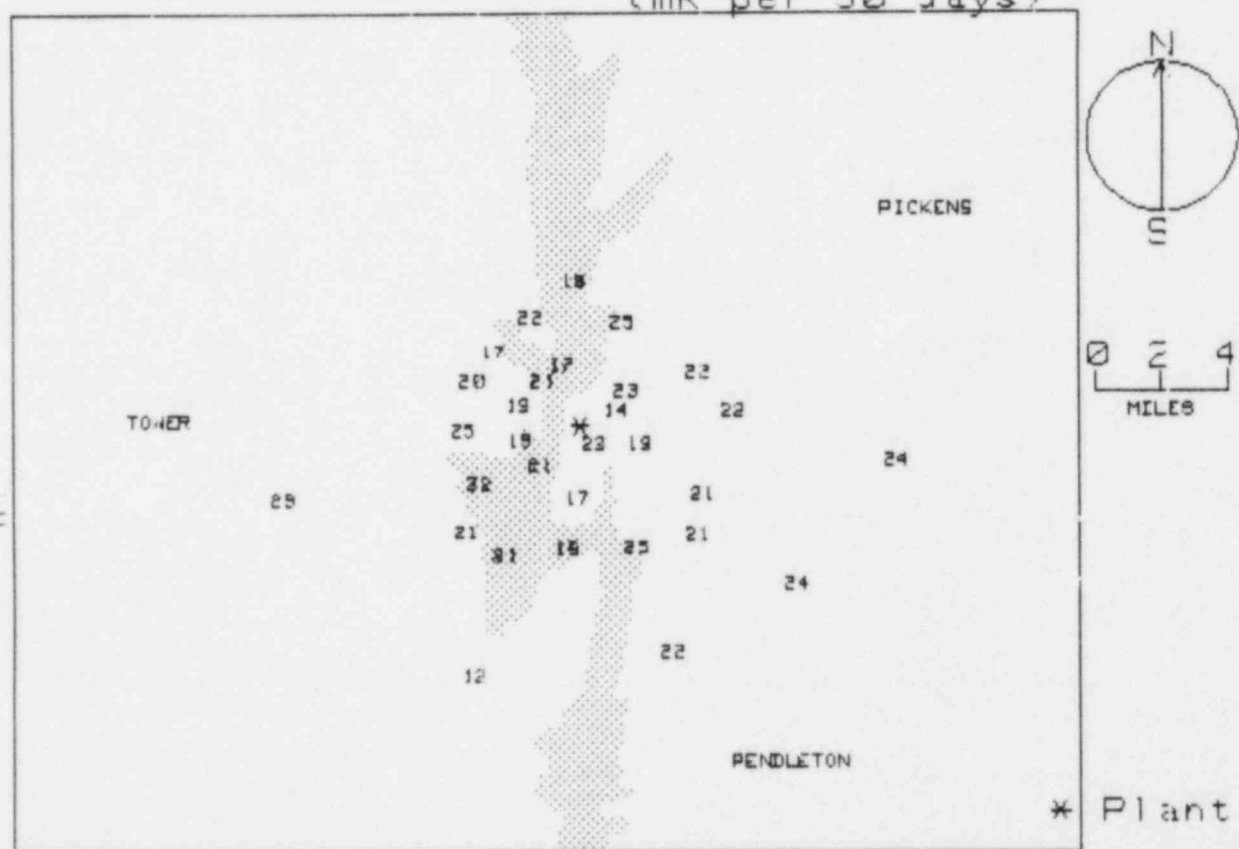
OCCONEE
FOR THE PERIOD 851217-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.8 $\pm$ 0.0	1
11.25-33.75 (NNE)	24.7 $\pm$.2	2
33.75-56.25 (NE)	20.9 $\pm$ 2.5	2
56.25-78.75 (ENE)	17.9 $\pm$ 5.4	2
78.75-101.25 (E)	23.5 $\pm$.9	3
101.25-123.75 (ESE)	19.8 $\pm$ 1.6	2
123.75-146.25 (SE)	22.1 $\pm$ 1.3	2
146.25-168.75 (SSE)	22.1 $\pm$ 2.0	4
168.75-191.25 (S)	18.0 $\pm$ 1.3	2
191.25-213.75 (SSW)	18.0 $\pm$ 5.4	3
213.75-236.25 (SW)	21.2 $\pm$.1	2
236.25-258.75 (WSW)	25.6 $\pm$ 4.6	2
258.75-281.25 (W)	21.6 $\pm$ 4.2	2
281.25-303.75 (WNW)	19.9 $\pm$.7	2
303.75-326.25 (NW)	18.7 $\pm$ 2.8	2
326.25-348.75 (NNW)	19.7 $\pm$ 3.3	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	20.4 $\pm$ 2.8	14
2-5	21.1 $\pm$ 2.5	16
>5	21.7 $\pm$ 6.2	5
UPWIND CONTROL DATA	24.9 $\pm$ 2.6	3

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



[illegible]

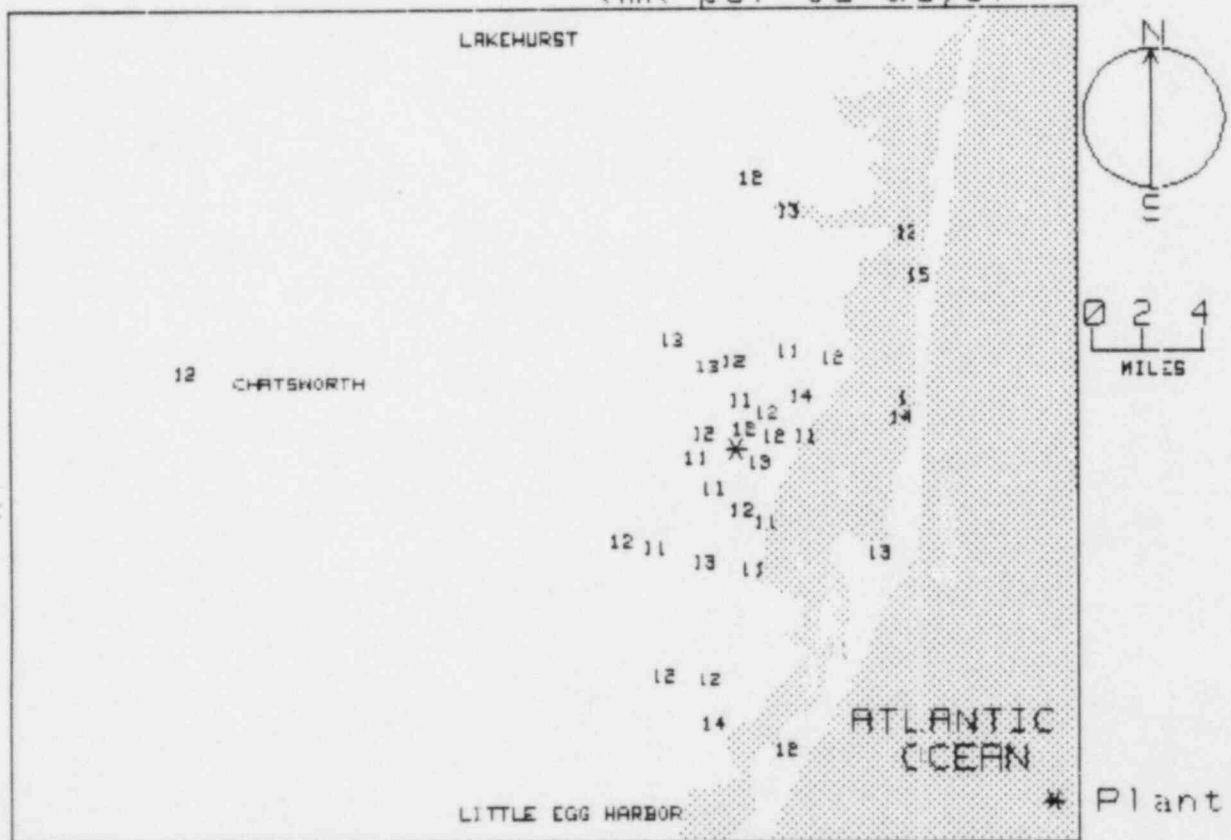
OYSTER CREEK
FOR THE PERIOD 851230-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	11.6 $\pm$.2	4
11.25-33.75 (NNE)	12.4 $\pm$.4	2
33.75-56.25 (NE)	13.3 $\pm$ 1.2	4
56.25-78.75 (ENE)	11.3 $\pm$.5	3
78.75-101.25 (E)	13.2 $\pm$ 1.0	2
101.25-123.75 (ESE)	12.4 $\pm$.9	2
123.75-146.25 (SE)	13.1 $\pm$.8	4
146.25-168.75 (SSE)	11.4 $\pm$.6	3
168.75-191.25 (S)	11.8 $\pm$.9	6
191.25-213.75 (SSW)	11.9 $\pm$.8	3
213.75-236.25 (SW)	11.7 $\pm$ 0.0	1
236.25-258.75 (WSW)	11.0 $\pm$ 0.0	1
258.75-281.25 (W)	12.2 $\pm$ 0.0	1
281.25-303.75 (WNW)	11.9 $\pm$ 0.0	1
303.75-326.25 (NW)	11.0 $\pm$ 0.0	1
326.25-348.75 (NNW)	12.5 $\pm$.0	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	12.0 $\pm$.9	15
2-5	12.1 $\pm$.9	11
>5	12.3 $\pm$ 1.1	14
UPWIND CONTROL DATA	12.3 $\pm$.1	2

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



PALISADES
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860423 129 DAYS
 FIELD TIME 82 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+- Rdm; Tot.			mR/Std. Qtr. +- Rdm; Tot.		
001	195	4.9	18.9 +- .6	2.8		11.2 +- .8	7.6	
002	173	4.6	19.2 +- .6	2.9		11.5 +- .8	7.7	
003	156	3.9	20.4 +- .6	3.1		12.8 +- .8	7.7	
004	132	4.6	18.7 +- .6	2.8		11.0 +- .8	7.6	
005	118	3.3	20.1 +- .6	3.3		12.5 +- .8	7.7	
006	152	1.8	18.1 +- .5	2.7		10.3 +- .8	7.6	
007	196	2.2	18.1 +- .5	2.7		10.3 +- .8	7.6	
008	178	1.6	20.7 +- .6	3.1		13.2 +- .9	7.8	
009	200	0.9	18.8 +- .6	2.8		11.0 +- .8	7.6	
010	124	1.8	19.2 +- .6	2.9		11.5 +- .8	7.7	
011	107	1.6	19.2 +- .6	2.9		11.5 +- .8	7.7	
012	90	1.5	19.6 +- .6	2.9		11.9 +- .8	7.7	
013	65	1.7	19.4 +- .6	2.9		11.8 +- .8	7.7	
014	51	1.9	19.7 +- .6	2.9		12.0 +- .8	7.7	
015	74	3.7	MISSING OR DAMAGED DOSIMETER					
016	90	3.6	MISSING OR DAMAGED DOSIMETER					
017	98/	10.	20.0 +- .6	3.0		12.4 +- .8	7.7	
018	47	4.5	21.1 +- .6	3.2		13.6 +- .9	7.8	
019	23	1.5	19.7 +- .6	2.9		12.0 +- .8	7.7	
020	32	4.8	22.2 +- .7	3.3		14.8 +- .9	7.9	
021	29	7.0	21.2 +- .6	3.2		13.7 +- .9	7.8	
022	99/	15.	21.2 +- .6	3.2		13.7 +- .9	7.8	
023	98/	18.	19.7 +- .6	3.0		12.1 +- .8	7.7	
024	98/	18.	20.5 +- .6	3.1		13.0 +- .8	7.8	
TRANSIT DOSE = 8.7 +- .5 ; 6.4								

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PALISADES
FOR THE PERIOD 851216-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	13.5 $\pm$ 1.4	3
33.75-56.25 (NE)	12.8 $\pm$ 1.1	2
56.25-78.75 (ENE)	11.8 $\pm$ 0.0	1
78.75-101.25 (E)	12.2 $\pm$.3	2
101.25-123.75 (ESE)	12.0 $\pm$.7	2
123.75-146.25 (SE)	11.2 $\pm$.3	2
146.25-168.75 (SSE)	11.5 $\pm$ 1.8	2
168.75-191.25 (S)	12.3 $\pm$ 1.2	2
191.25-213.75 (SSW)	10.8 $\pm$.5	3
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	11.7 $\pm$.8	9
2-5	12.2 $\pm$ 1.5	8
>5	13.1 $\pm$.8	2
UPWIND CONTROL DATA	12.8 $\pm$.8	3

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/std.Qtr. +- Rdm; Tot.
001	74 23.	23.7 +- .7	20.1 +- .8
002	92 21.	25.5 +- .8	21.9 +- .8
003	89 15.	23.5 +- .7	20.0 +- .8
004	103 11.	23.9 +- .7	20.3 +- .8
005	140 7.4	25.1 +- .8	21.5 +- .8
006	142 3.1	23.7 +- .7	20.1 +- .8
007	162 2.6	24.2 +- .7	20.6 +- .8
008	168 2.6	23.7 +- .7	20.2 +- .8
009	193 2.6	27.2 +- .8	23.6 +- .9
010	215 3.1	25.8 +- .8	22.3 +- .8
011	200 1.7	25.9 +- .8	22.3 +- .8
012	214 1.0	24.9 +- .7	21.3 +- .8
013	242 0.7	27.3 +- .8	23.7 +- .9
014	263 0.6	25.0 +- .7	21.4 +- .8
015	295 0.6	25.1 +- .8	21.6 +- .8
016	325 1.0	25.3 +- .8	21.8 +- .8
017	347 1.8	26.2 +- .8	22.6 +- .9
018	0 2.4	34.5 +- 1.0	31.0 +- 1.1
019	18 1.5	23.6 +- .7	20.1 +- .8
020	37 2.0	25.1 +- .8	21.5 +- .8
021	58 2.3	26.3 +- .8	22.8 +- .9
022	75 2.8	25.4 +- .8	21.9 +- .8
023	93 4.4	MISSING OR DAMAGED DOSIMETER	
024	101 3.3	25.1 +- .8	21.5 +- .8
025	346 2.9	25.1 +- .8	21.6 +- .8
026	334 4.3	26.7 +- .8	23.2 +- .9
027	333 7.9	26.8 +- .8	23.2 +- .9
028	0 7.0	26.4 +- .8	22.9 +- .9
029	9 4.2	26.5 +- .8	22.9 +- .9
030	27 0.6	25.5 +- .8	21.9 +- .8
031	49 0.5	26.5 +- .8	23.0 +- .9
032	120 0.0	27.2 +- .8	23.7 +- .9
TRANSIT DOSE = 3.5 +- .3 : 4.9			

PALO VERDE
FOR THE PERIOD 851216-860429

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	25.6 $\pm$ 4.7	3
11.25-33.75 (NNE)	21.0 $\pm$ 1.3	2
33.75-56.25 (NE)	22.3 $\pm$ 1.0	2
56.25-78.75 (ENE)	22.3 $\pm$.6	2
78.75-101.25 (E)	21.5 $\pm$ 0.0	1
101.25-123.75 (ESE)	22.0 $\pm$ 2.4	2
123.75-146.25 (SE)	20.8 $\pm$ 1.0	2
146.25-168.75 (SSE)	20.4 $\pm$.3	2
168.75-191.25 (S)	NO DATA $\pm$ NO DATA	0
191.25-213.75 (SSW)	23.0 $\pm$.9	2
213.75-236.25 (SW)	21.8 $\pm$.7	2
236.25-258.75 (WSW)	23.7 $\pm$ 0.0	1
258.75-281.25 (W)	21.4 $\pm$ 0.0	1
281.25-303.75 (WNW)	21.6 $\pm$ 0.0	1
303.75-326.25 (NW)	21.8 $\pm$ 0.0	1
326.25-348.75 (NNW)	22.7 $\pm$.8	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	21.8 $\pm$ 1.0	9
2-5	22.7 $\pm$ 2.6	15
>5	22.0 $\pm$ 1.3	4
UPWIND CONTROL DATA	20.7 $\pm$ 1.1	3

MAP FOR PARLO VERDE

Map will be provided for this site in the future.

PEACH BOTTOM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851219-860402 105 DAYS
 FIELD TIME 83 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.	+ Rdm; Tot.	mR/Std.Qtr. + Rdm; Tot.	+ Rdm; Tot.
001	329	10.	15.4 +- .5	2.3	15.2 +- .6	4.9
002	31	10.	16.4 +- .5	2.5	16.3 +- .6	5.0
003	22	4.7	14.2 +- .4	2.1	13.9 +- .5	4.8
004	4	5	17.1 +- .5	2.6	17.0 +- .6	5.0
005	345	4.1	16.9 +- .5	2.5	16.8 +- .6	5.0
006	9	2.2	20.1 +- .6	3.0	20.3 +- .7	5.3
007	22	2.5	18.5 +- .6	2.8	18.6 +- .7	5.2
008	55	2.9	18.1 +- .5	2.7	18.2 +- .6	5.1
009	45	2	15.9 +- .5	2.4	15.7 +- .6	4.9
010	63	1.7	17.2 +- .5	2.6	17.2 +- .6	5.0
011	97	2	18.5 +- .6	2.8	18.6 +- .7	5.1
012	107	2.3	13.8 +- .4	2.1	13.5 +- .5	4.7
013	72	5	15.7 +- .5	2.4	15.6 +- .6	4.9
014	86	4.6	18.3 +- .5	2.7	18.4 +- .6	5.1
015	110	4.3	17.3 +- .5	2.6	17.3 +- .6	5.0
016	130	4.7	14.1 +- .4	2.1	13.8 +- .5	4.8
017	158	9	15.5 +- .5	2.3	15.4 +- .6	4.9
018	163	4.6	16.2 +- .5	2.4	16.1 +- .6	4.9
019	184	3.9	18.1 +- .5	2.7	18.1 +- .6	5.1
020	203	4.9	18.3 +- .5	2.7	18.3 +- .6	5.1
021	197	2.3	18.8 +- .6	2.9	18.9 +- .7	5.2
022	183	1.7	17.6 +- .5	2.6	17.6 +- .6	5.1
023	190	1.8	20.9 +- .6	3.1	21.2 +- .7	5.4
024	222	1.8	18.8 +- .6	2.9	18.9 +- .7	5.2
025	248	1.7	18.4 +- .6	2.8	18.5 +- .7	5.1
026	268	1.8	19.2 +- .6	2.9	19.4 +- .7	5.2
027	288	1.9	17.8 +- .5	2.5	17.9 +- .6	5.0
028	323	1.8	15.5 +- .5	2.3	15.3 +- .6	4.9
029	286	3.6	19.9 +- .6	3.0	20.1 +- .7	5.3
030	264	4	19.8 +- .6	3.0	20.0 +- .7	5.3
031	262	9.9	20.1 +- .6	3.1	20.3 +- .7	5.3
032	248	3.2	17.8 +- .5	2.7	17.9 +- .6	5.1
033	235	9.4	14.1 +- .4	2.1	13.8 +- .5	4.8
034	319	4.9	18.8 +- .6	2.8	18.9 +- .7	5.2
035	151	.7	18.8 +- .6	2.7	18.1 +- .6	5.1
036	148	16.	14.6 +- .4	2.2	14.3 +- .5	4.8
037	148	16.	14.2 +- .4	2.1	13.9 +- .5	4.8
038	148	16.	14.4 +- .4	2.2	14.1 +- .5	4.8

TRANSIT DOSE = 1.3 +- .2 ; 3.9

PEACH BOTTOM
FOR THE PERIOD 851219-860402

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.7 $\pm$ 2.3	2
11.25-33.75 (NNE)	16.3 $\pm$ 2.4	3
33.75-56.25 (NE)	17.0 $\pm$ 1.7	2
56.25-78.75 (ENE)	16.4 $\pm$ 1.2	2
78.75-101.25 (E)	18.5 $\pm$.1	2
101.25-123.75 (ESE)	15.4 $\pm$ 2.6	2
123.75-146.25 (SE)	13.8 $\pm$ 0.0	1
146.25-168.75 (SSE)	16.5 $\pm$ 1.4	3
168.75-191.25 (S)	19.0 $\pm$ 1.9	3
191.25-213.75 (SSW)	18.6 $\pm$.4	2
213.75-236.25 (SW)	16.4 $\pm$ 3.6	2
236.25-258.75 (WSW)	18.2 $\pm$.4	2
258.75-281.25 (W)	19.9 $\pm$.5	3
281.25-303.75 (WNW)	18.5 $\pm$ 2.3	2
303.75-326.25 (NW)	17.1 $\pm$ 2.6	2
326.25-348.75 (NNW)	16.0 $\pm$ 1.2	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.9 $\pm$ 1.7	11
2-5	17.5 $\pm$ 2.1	19
>5	16.2 $\pm$ 2.5	5
UPWIND CONTROL DATA	14.1 $\pm$.2	3

MAP FOR PEACH BOTTOM

Map will be provided for this site in the future.

PERRY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860403 109 DAYS
 FIELD TIME 79 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	72	5.0	15.9 +- .5	2.4	14.9 +- .6	5.5
003	88	5.5	15.5 +- .5	2.3	14.5 +- .6	5.4
004	112	6.0	MISSING OR DAMAGED DOSIMETER			
005	130	4.0	16.3 +- .5	2.4	15.4 +- .6	5.5
006	155	5.0	19.7 +- .6	3.0	19.2 +- .7	5.8
007	178	5.2	16.9 +- .5	2.5	16.0 +- .7	5.6
008	205	4.6	16.5 +- .5	2.5	15.5 +- .6	5.5
009	220	5.2	15.6 +- .5	2.3	14.6 +- .6	5.5
010	225	7.4	18.1 +- .5	2.7	17.4 +- .7	5.7
011	240	5.8	17.4 +- .5	2.6	16.6 +- .7	5.6
012	225	19.	15.1 +- .5	2.3	14.0 +- .6	5.4
013	225	19.	15.4 +- .5	2.3	14.3 +- .6	5.4
014	212	12.	MISSING OR DAMAGED DOSIMETER			
015	248	1.4	15.8 +- .5	2.4	14.8 +- .6	5.5
016	225	0.8	15.4 +- .5	2.3	14.3 +- .6	5.4
017	205	0.7	14.4 +- .4	2.2	13.1 +- .6	5.4
018	180	0.8	16.5 +- .5	2.5	15.6 +- .6	5.5
019	152	1.8	16.4 +- .5	2.5	15.4 +- .6	5.5
020	123	1.6	15.9 +- .5	2.4	14.9 +- .6	5.5
021	105	1.4	16.1 +- .5	2.4	15.1 +- .6	5.5
022	85	1.2	13.9 +- .4	2.1	12.6 +- .6	5.3
023	65	1.4	17.3 +- .5	2.6	16.4 +- .7	5.6
024	40	0.6	MISSING OR DAMAGED DOSIMETER			
025	40	0.6	15.9 +- .5	2.4	14.9 +- .6	5.5
026	182	2.8	16.0 +- .5	2.4	15.0 +- .6	5.5
027	175	2.8	16.1 +- .5	2.4	15.1 +- .6	5.5
TRANSIT DOSE = 2.8 +- .3 ; 4.2						

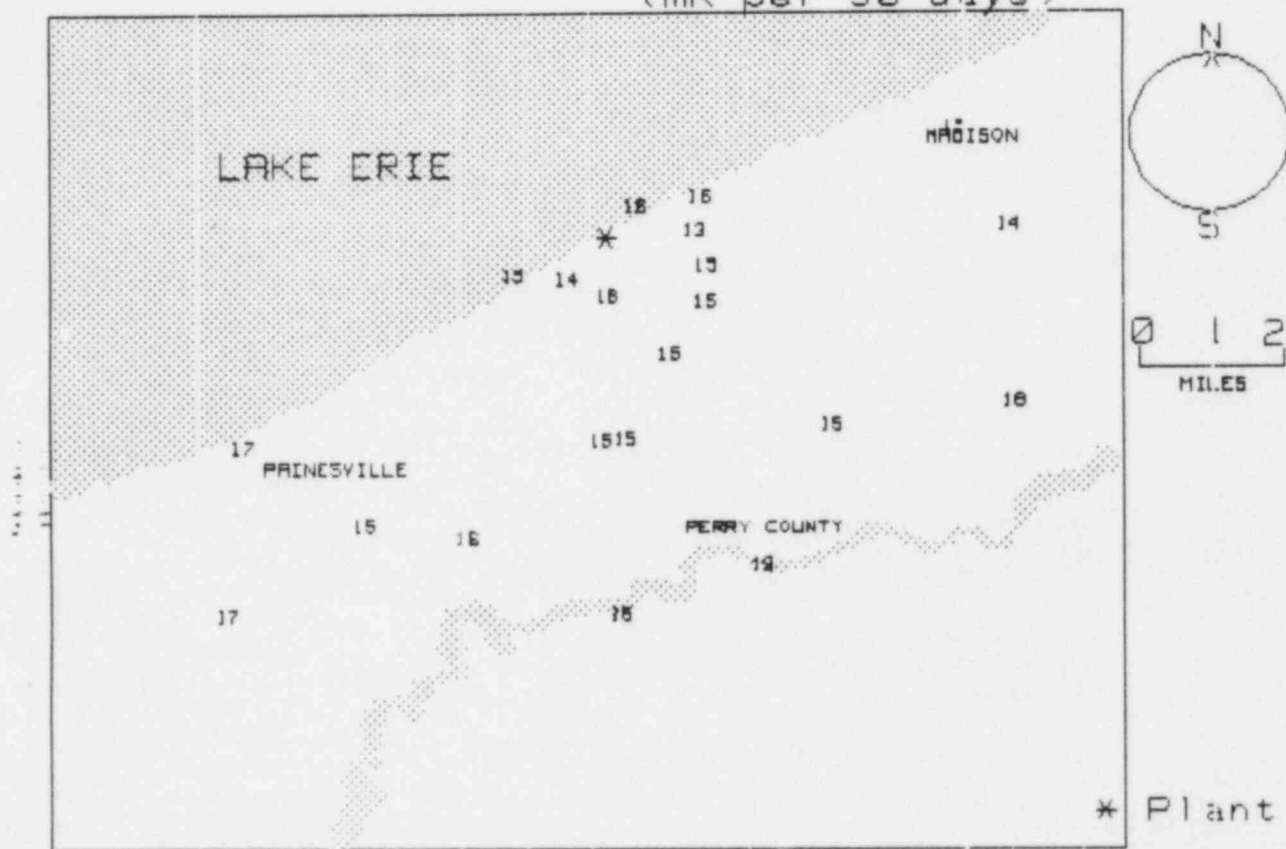
PERRY
FOR THE PERIOD 851216-860403

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA--NO DATA	0
11.25-33.75 (NNE)	NO DATA--NO DATA	0
33.75-56.25 (NE)	14.9 $\pm$ 0.0	1
56.25-78.75 (ENE)	15.7 $\pm$ 1.1	2
78.75-101.25 (E)	13.5 $\pm$ 1.3	2
101.25-123.75 (ESE)	15.0 $\pm$.2	2
123.75-146.25 (SE)	15.4 $\pm$ 0.0	1
146.25-168.75 (SSE)	17.3 $\pm$ 2.7	2
168.75-191.25 (S)	15.4 $\pm$.5	4
191.25-213.75 (SSW)	14.3 $\pm$ 1.7	2
213.75-236.25 (SW)	15.4 $\pm$ 1.7	3
236.25-258.75 (WSW)	15.7 $\pm$ 1.3	2
258.75-281.25 (W)	NO DATA--NO DATA	0
281.25-303.75 (WNW)	NO DATA--NO DATA	0
303.75-326.25 (NW)	NO DATA--NO DATA	0
326.25-348.75 (NNW)	NO DATA--NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.7 $\pm$ 1.1	10
2-5	15.9 $\pm$ 1.7	6
>5	15.8 $\pm$ 1.3	5
UPWIND CONTROL DATA	14.1 $\pm$.2	2

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



PILGRIM
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851219-860407 110 DAYS
FIELD TIME 88 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	288 .1	53.8 +- 1.6	8.1 NO NET DATA
002	310 .2	22.0 +- .7	3.3 NO NET DATA
005	289 .7	21.9 +- .7	3.3 NO NET DATA
006	261 1.7	19.3 +- .6	2.9 NO NET DATA
007	270 .5	22.6 +- .7	3.4 NO NET DATA
008	247 .3	21.5 +- .6	3.2 NO NET DATA
009	224 .3	20.8 +- .6	3.1 NO NET DATA
010	205 .3	24.0 +- .7	3.6 NO NET DATA
011	184 0.3	23.7 +- .7	3.5 NO NET DATA
012	159 .4	MISSING OR DAMAGED DOSIMETER	
013	146 .7	20.3 +- .6	3.0 NO NET DATA
014	155 1	21.1 +- .6	3.2 NO NET DATA
016	136 1.3	19.8 +- .6	3.0 NO NET DATA
018	212 .8	19.2 +- .6	2.9 NO NET DATA
019	232 1	18.5 +- .6	2.8 NO NET DATA
021	256 1.6	20.6 +- .6	3.1 NO NET DATA
022	130 2.5	19.8 +- .6	3.0 NO NET DATA
023	146 3.4	19.7 +- .6	2.9 NO NET DATA
025	168 1.5	19.7 +- .6	3.0 NO NET DATA
026	180 1.3	18.9 +- .6	2.8 NO NET DATA
027	231 1.0	19.9 +- .6	3.0 NO NET DATA
030	153 2.2	21.9 +- .7	3.3 NO NET DATA
031	179 2.5	18.9 +- .6	2.8 NO NET DATA
032	217 2.6	18.7 +- .6	2.8 NO NET DATA
033	234 2.5	20.6 +- .6	3.1 NO NET DATA
037	264 4.2	17.8 +- .5	2.7 NO NET DATA
038	152 3.5	20.1 +- .6	3.0 NO NET DATA
039	155 5.3	19.9 +- .6	3.0 NO NET DATA
040	272 4.6	20.5 +- .6	3.1 NO NET DATA
042	281 4.6	19.9 +- .6	3.0 NO NET DATA
043	291 5.0	21.9 +- .7	3.3 NO NET DATA
045	197 006	18.0 +- .5	2.7 NO NET DATA
047	301 26.	20.5 +- .6	3.1 NO NET DATA
048	301 26.	20.3 +- .6	3.0 NO NET DATA
049	301 26.	19.6 +- .6	2.9 NO NET DATA

NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

COMMENTS:

STATION 1 IS ON LICENSEE PROPERTY (PILGRIM OVERLOOK AREA).
ACCESS IS CONTROLLED

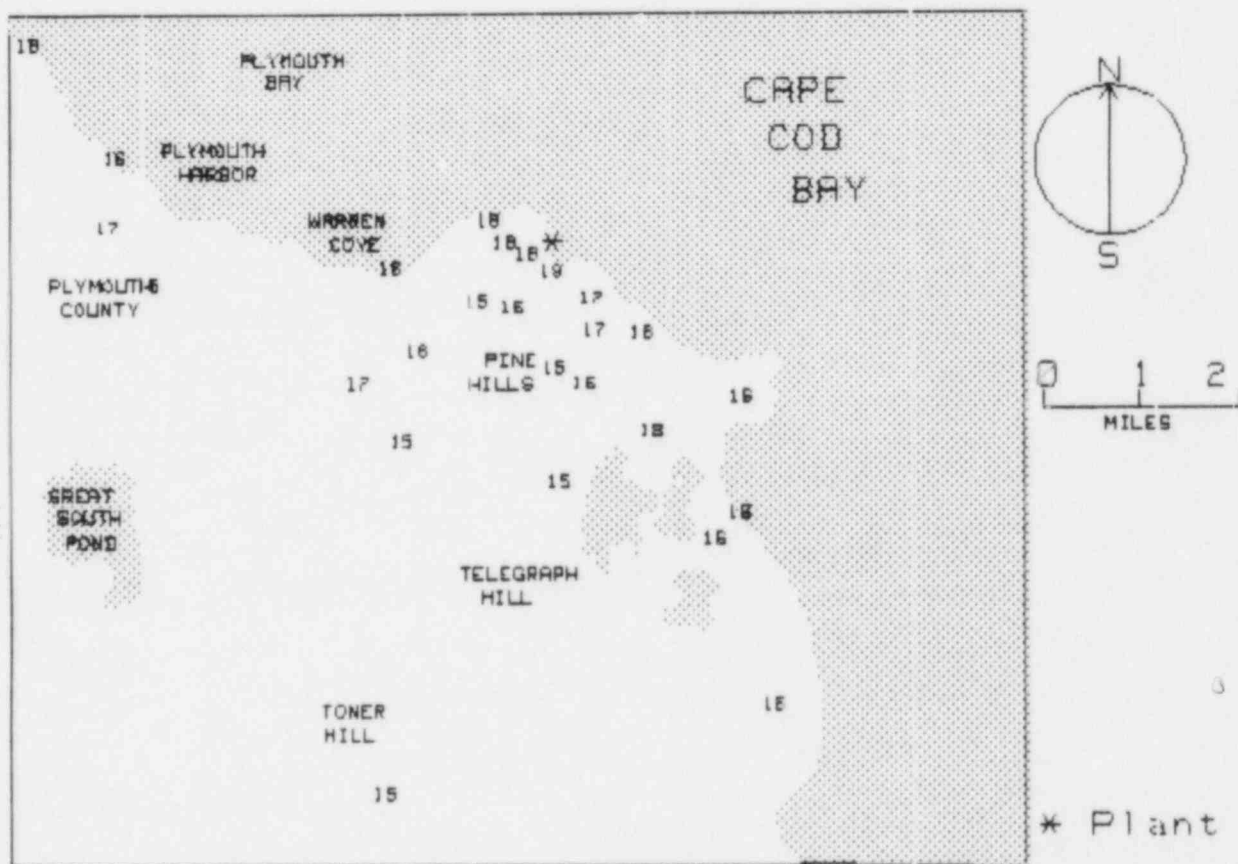
PILGRIM
FOR THE PERIOD 851219-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	16.3 $\pm$.2	4
146.25-168.75 (SSE)	16.8 $\pm$.7	5
168.75-191.25 (S)	16.7 $\pm$ 2.3	3
191.25-213.75 (SSW)	16.7 $\pm$ 2.6	3
213.75-236.25 (SW)	16.1 $\pm$.9	5
236.25-258.75 (WSW)	17.2 $\pm$.5	2
258.75-281.25 (W)	16.4 $\pm$ 1.5	5
281.25-303.75 (WNW)	26.6 $\pm$ 15.1	3
303.75-326.25 (NW)	18.0 $\pm$ 0.0	1
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.5 $\pm$ 6.5	18
2-5	16.2 $\pm$.9	10
>5	16.3 $\pm$ 1.6	3
UPWIND CONTROL DATA	16.4 $\pm$.4	3

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



NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/std.Qtr. +- Rdm; Tot.
001	312 17.	16.0 +- .5	14.8 +- .5
002	310 15.	15.0 +- .4	13.8 +- .5
003	310 15.	14.8 +- .4	13.6 +- .5
004	308 5.5	14.8 +- .4	13.7 +- .5
005	297 4.1	14.5 +- .4	13.4 +- .5
006	287 1.3	16.3 +- .5	15.1 +- .5
007	313 0.8	13.6 +- .4	12.6 +- .5
008	244 0.5	15.1 +- .5	13.9 +- .5
009	194 0.6	15.2 +- .5	14.1 +- .5
010	155 0.5	15.9 +- .5	14.7 +- .5
011	129 1.6	14.9 +- .4	13.7 +- .5
012	153 1.4	14.4 +- .4	13.3 +- .5
013	217 0.6	14.9 +- .4	13.8 +- .5
014	178 0.8	15.2 +- .5	14.1 +- .5
015	272 1.9	14.9 +- .4	13.7 +- .5
016	262 4.6	14.6 +- .4	13.5 +- .5
017	250 4.3	15.2 +- .5	14.1 +- .5
018	225 4.1	14.7 +- .4	13.6 +- .5
019	233 6.7	17.9 +- .5	16.6 +- .5
020	200 4.9	15.4 +- .5	14.2 +- .5
021	187 4.7	15.9 +- .5	14.7 +- .5
022	160 4.4	15.0 +- .4	13.8 +- .5
023	140 4.7	16.4 +- .5	15.2 +- .5
024	131 6.6	15.4 +- .5	14.2 +- .5
025	117 4.9	15.0 +- .5	13.9 +- .5
026	88 1.9	15.1 +- .5	14.0 +- .5
027	69 1.0	13.9 +- .4	12.8 +- .5
028	47 1.6	15.3 +- .5	14.1 +- .5
029	19 1.5	14.5 +- .4	13.4 +- .5
030	356 1.9	15.3 +- .5	14.1 +- .5
031	346 2.4	18.0 +- .5	16.7 +- .5
032	340 3.8	16.2 +- .5	15.0 +- .5
033	8 4.6	15.7 +- .5	14.5 +- .5
034	17 4.7	MISSING OR DAMAGED DOSIMETER	
035	45 11.	15.4 +- .5	14.3 +- .5
036	48 4.7	14.8 +- .4	13.6 +- .5
037	61 4.2	15.8 +- .5	14.6 +- .5
038	86 4.9	16.4 +- .5	15.2 +- .5
039	107 9.1	15.2 +- .5	14.1 +- .5
040	111 3.7	MISSING OR DAMAGED DOSIMETER	
TRANSIT DOSE = .3 +- .2 : 4.0			

PRAIRIE ISLAND
FOR THE PERIOD 851217-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	14.3 $\pm$.3	2
11.25-33.75 (NNE)	13.4 $\pm$ 0.0	1
33.75-56.25 (NE)	14.0 $\pm$.3	3
56.25-78.75 (ENE)	13.7 $\pm$ 1.2	2
78.75-101.25 (E)	14.6 $\pm$.9	2
101.25-123.75 (ESE)	14.0 $\pm$.1	2
123.75-146.25 (SE)	14.4 $\pm$.7	5
146.25-168.75 (SSE)	13.9 $\pm$.7	3
168.75-191.25 (S)	14.4 $\pm$.5	2
191.25-213.75 (SSW)	14.1 $\pm$.1	2
213.75-236.25 (SW)	14.7 $\pm$ 1.7	3
236.25-258.75 (WSW)	14.0 $\pm$.1	2
258.75-281.25 (W)	13.6 $\pm$.2	2
281.25-303.75 (WNW)	14.2 $\pm$ 1.2	2
303.75-326.25 (NW)	13.1 $\pm$.8	2
326.25-348.75 (NNW)	15.9 $\pm$ 1.2	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	13.8 $\pm$.6	15
2-5	14.4 $\pm$.9	15
>5	14.6 $\pm$ 1.1	5
UPWIND CONTROL DATA	14.1 $\pm$.6	3

QUAD CITIES
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851205-860328 114 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.			
001	7	0.7	13.1	+- .4	2.0	12.6	+- .5	4.3
002	17	1.2	14.0	+- .4	2.1	13.4	+- .5	4.4
003	45	1.7	14.0	+- .4	2.1	13.5	+- .5	4.4
004	65	1.1	14.4	+- .4	2.2	13.9	+- .5	4.4
005	90	0.8	14.9	+- .4	2.2	14.4	+- .5	4.4
006	136	1.1	14.9	+- .4	2.2	14.3	+- .5	4.4
007	175	1.8	15.9	+- .4	2.4	15.3	+- .5	4.4
008	157	2.0	15.8	+- .4	2.4	15.3	+- .5	4.4
009	186	3.1	15.7	+- .4	2.3	15.1	+- .5	4.4
010	188	7.7	17.5	+- .4	2.6	16.9	+- .5	4.4
011	156	4.2	15.0	+- .4	2.3	14.5	+- .5	4.4
012	142	4.8	15.1	+- .4	2.3	14.5	+- .5	4.4
013	121	3.3	14.8	+- .4	2.3	14.3	+- .5	4.4
014	114	2.0	14.7	+- .4	2.3	14.3	+- .5	4.4
015	86	2.8	15.5	+- .4	2.6	15.0	+- .5	4.4
016	62	4.4	17.7	+- .4	2.7	17.2	+- .5	4.4
017	48	6.1	16.1	+- .4	2.4	15.6	+- .5	4.4
018	39	8.8	15.8	+- .4	2.3	14.3	+- .5	4.4
019	36	4.7	15.3	+- .4	2.3	14.8	+- .5	4.4
020	16	4.3	15.3	+- .4	2.3	14.7	+- .5	4.4
021	358	4.2	17.2	+- .4	2.6	16.7	+- .5	4.4
022	336	4.1	16.8	+- .4	2.4	16.3	+- .5	4.4
023	337	5.7	16.1	+- .4	2.4	15.6	+- .5	4.4
024	317	4.4	16.3	+- .4	2.4	15.7	+- .5	4.4
025	295	4.1	15.1	+- .4	2.3	14.6	+- .5	4.4
026	282	6.9	14.3	+- .4	2.3	13.8	+- .5	4.4
027	285	4.3	14.1	+- .4	2.3	13.6	+- .5	4.4
028	333	4.3	15.8	+- .4	2.4	15.3	+- .5	4.4
029	335	4.3	15.3	+- .4	2.4	14.8	+- .5	4.4
030	335	4.3	15.3	+- .4	2.4	14.8	+- .5	4.4
031	317	2.2	16.2	+- .4	2.7	15.7	+- .5	4.4
032	295	6.3	14.5	+- .4	2.3	14.0	+- .5	4.4
033	266	6.8	15.5	+- .4	2.6	15.0	+- .5	4.4
034	248	6.3	15.5	+- .4	2.6	15.0	+- .5	4.4
035	229	6.3	15.5	+- .4	2.6	15.0	+- .5	4.4
036	204	6.4	15.5	+- .4	2.6	15.0	+- .5	4.4
037	194	8.3	18.3	+- .4	3.0	17.8	+- .5	4.4
038	224	4.3	15.3	+- .4	2.4	14.8	+- .5	4.4
039	381	1.5	15.3	+- .4	2.4	14.8	+- .5	4.4
040	381	1.5	15.3	+- .4	2.4	14.8	+- .5	4.4
041	381	1.5	14.8	+- .4	2.3	14.3	+- .5	4.4

TRANSIT DOSE = .4 +- .2 ; 3.9

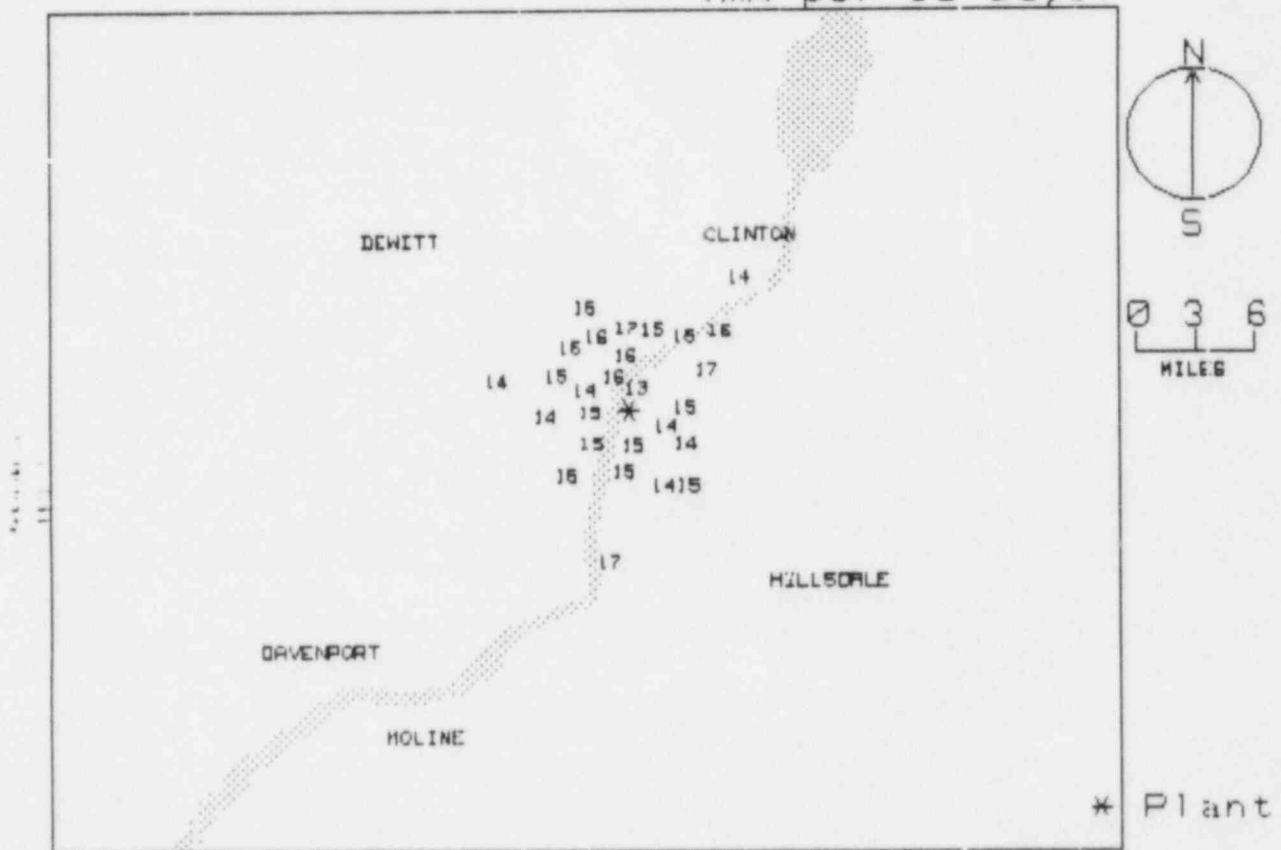
QUAD CITIES
FOR THE PERIOD 851205-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.0 $\pm$ 2.1	3
11.25-33.75 (NNE)	14.1 $\pm$.8	2
33.75-56.25 (NE)	14.7 $\pm$.8	4
56.25-78.75 (ENE)	15.5 $\pm$ 2.3	2
78.75-101.25 (E)	14.7 $\pm$.4	2
101.25-123.75 (ESE)	14.2 $\pm$.1	2
123.75-146.25 (SE)	14.4 $\pm$.1	2
146.25-168.75 (SSE)	14.9 $\pm$.6	2
168.75-191.25 (S)	15.8 $\pm$ 1.0	3
191.25-213.75 (SSW)	16.2 $\pm$ 2.5	2
213.75-236.25 (SW)	15.5 $\pm$.3	2
236.25-258.75 (WSW)	16.1 $\pm$.2	2
258.75-281.25 (W)	14.3 $\pm$ 1.0	2
281.25-303.75 (WNW)	14.1 $\pm$.5	3
303.75-326.25 (NW)	16.7 $\pm$ 1.3	2
326.25-348.75 (NNW)	15.9 $\pm$.3	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.3 $\pm$ 1.0	11
2-5	15.3 $\pm$ 1.0	21
>5	15.7 $\pm$ 1.6	6
UPWIND CONTROL DATA	14.6 $\pm$.4	3

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



RANCHO SECO
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860429 135 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	288	16.	21.5 +- .6	3.2	16.7 +- .7	6.1
002	239	12.	23.5 +- .7	3.5	18.6 +- .8	6.3
003	213	16.	24.8 +- .7	3.7	19.9 +- .8	6.4
004	149	9.9	22.2 +- .7	3.3	17.3 +- .7	6.2
005	108	8.2	26.7 +- .8	4.0	21.8 +- .9	6.6
006	86	10.	19.7 +- .6	3.0	14.9 +- .7	6.0
007	83	9.7	21.4 +- .6	3.2	16.5 +- .7	6.1
008	37	7.1	19.9 +- .6	3.0	15.1 +- .7	6.0
009	65	8.8	21.8 +- .6	3.2	16.2 +- .7	6.1
010	43	8.7	21.2 +- .6	3.2	16.4 +- .7	6.1
011	92	8.2	20.8 +- .6	3.3	15.2 +- .7	6.0
012	131	1.6	19.8 +- .6	3.3	14.9 +- .7	6.0
013	358	0.6	21.8 +- .7	3.3	16.9 +- .7	6.1
014	323	0.7	21.8 +- .6	3.1	16.1 +- .7	6.1
015	151	0.7	20.8 +- .6	3.1	16.0 +- .7	6.1
016	219	0.9	20.9 +- .6	3.1	16.0 +- .7	6.1
017	245	1.5	20.9 +- .6	3.1	16.0 +- .7	6.1
018	254	2.3	19.8 +- .6	2.9	14.2 +- .7	5.9
019	323	7.8	21.8 +- .7	3.3	17.8 +- .7	6.1
020	389	6.3	20.8 +- .6	3.1	15.9 +- .7	6.1
021	279	5.7	20.7 +- .6	3.1	15.9 +- .7	6.1
022	244	6.4	23.8 +- .7	3.4	18.1 +- .8	6.2
023	217	4.6	20.4 +- .6	3.1	15.5 +- .7	6.0
024	350	11.	21.5 +- .6	3.2	16.7 +- .7	6.1
025	318	17.	21.8 +- .7	3.3	16.9 +- .7	6.1
026	311	22.	21.4 +- .6	3.2	16.5 +- .7	6.1
027	306	27.	21.8 +- .6	3.1	16.1 +- .7	6.1
028	306	27.	20.3 +- .6	3.0	15.5 +- .7	6.0
029	306	27.	24.1 +- .7	3.6	19.2 +- .8	6.3
030	306	27.	24.1 +- .7	3.6	19.2 +- .8	6.3

TRANSIT DOSE = 4.6 +- .4 ; 5.3

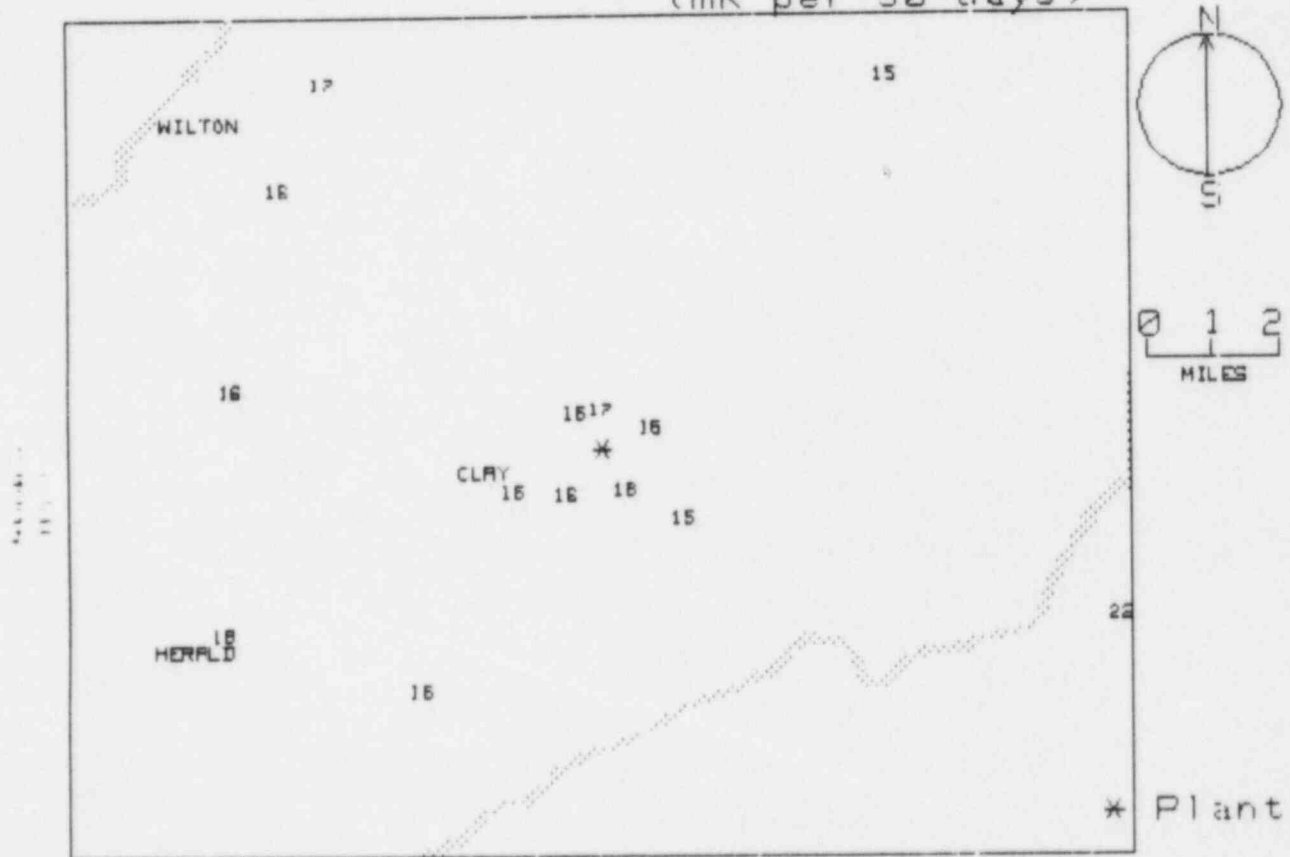
RANCHO SECO
FOR THE PERIOD 851216-860429

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.8 $\pm$.2	2
11.25-33.75 (NNE)	NO DATA--NO DATA	0
33.75-56.25 (NE)	15.7 $\pm$.9	2
56.25-78.75 (ENE)	16.2 $\pm$ 0.0	1
78.75-101.25 (E)	15.5 $\pm$.9	3
101.25-123.75 (ESE)	21.8 $\pm$ 0.0	1
123.75-146.25 (SE)	14.9 $\pm$ 0.0	1
146.25-168.75 (SSE)	16.6 $\pm$.9	2
168.75-191.25 (S)	NO DATA--NO DATA	0
191.25-213.75 (SSW)	19.9 $\pm$ 0.0	1
213.75-236.25 (SW)	15.8 $\pm$.3	2
236.25-258.75 (WSW)	16.7 $\pm$ 2.0	4
258.75-281.25 (W)	15.9 $\pm$ 0.0	1
281.25-303.75 (WNW)	16.7 $\pm$ 0.0	1
303.75-326.25 (NW)	17.4 $\pm$ 1.5	6
326.25-348.75 (NNW)	NO DATA--NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.0 $\pm$.6	9
2-5	14.9 $\pm$.9	2
>5	17.5 $\pm$ 1.9	16
UPWIND CONTROL DATA	16.0 $\pm$.5	3

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



RIVER BEND
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860328 103 DAYS
 FIELD TIME 78 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	348 1.3	17.0 +- .5	2.5 NO NET DATA
002	42 1.1	16.8 +- .5	2.5 NO NET DATA
003	61 1.1	15.9 +- .5	2.4 NO NET DATA
004	90 0.8	15.4 +- .5	2.3 NO NET DATA
005	107 0.6	16.0 +- .5	2.4 NO NET DATA
006	126 0.8	16.8 +- .5	2.5 NO NET DATA
007	166 1.0	13.8 +- .4	2.1 NO NET DATA
008	182 0.9	15.1 +- .5	2.3 NO NET DATA
009	195 0.6	14.8 +- .4	2.2 NO NET DATA
010	225 0.7	15.3 +- .5	2.3 NO NET DATA
011	254 0.4	16.1 +- .5	2.4 NO NET DATA
012	276 0.6	15.3 +- .5	2.3 NO NET DATA
013	295 0.6	16.8 +- .5	2.5 NO NET DATA
014	320 0.9	15.7 +- .5	2.4 NO NET DATA
015	332 2.1	16.4 +- .5	2.5 NO NET DATA
016	312 2.7	16.5 +- .5	2.5 NO NET DATA
017	302 3.1	14.0 +- .4	2.1 NO NET DATA
018	278 3.8	14.7 +- .4	2.2 NO NET DATA
019	242 2.8	18.2 +- .5	2.7 NO NET DATA
020	195 5.4	16.4 +- .5	2.5 NO NET DATA
021	215 3.0	16.7 +- .5	2.5 NO NET DATA
022	233 7.1	13.2 +- .4	2.0 NO NET DATA
023	246 9.7	15.7 +- .5	2.4 NO NET DATA
024	234 7.3	13.5 +- .4	2.0 NO NET DATA
025	185 7.6	17.6 +- .5	2.6 NO NET DATA
026	322 7.7	16.6 +- .5	2.5 NO NET DATA
027	328 10.	15.9 +- .5	2.4 NO NET DATA
028	340 7.2	16.3 +- .5	2.4 NO NET DATA
029	354 9.5	15.5 +- .5	2.3 NO NET DATA
030	360 5.1	16.7 +- .5	2.5 NO NET DATA
031	221 6.9	15.5 +- .5	2.3 NO NET DATA
032	40 4.9	15.8 +- .5	2.4 NO NET DATA
033	52 8.7	14.0 +- .4	2.1 NO NET DATA
034	65 8.4	15.5 +- .5	2.3 NO NET DATA
035	87 6.6	14.6 +- .4	2.2 NO NET DATA
036	326 3.8	16.7 +- .5	2.5 NO NET DATA
037	329 2.2	16.0 +- .5	2.4 NO NET DATA
038	111 3.8	16.8 +- .5	2.5 NO NET DATA
039	131 5.6	16.0 +- .5	2.4 NO NET DATA
040	155 6.2	16.3 +- .5	2.4 NO NET DATA
041	120 9.0	14.6 +- .4	2.2 NO NET DATA
042	121 11.	14.0 +- .4	2.1 NO NET DATA
043	180 1.1	18.6 +- .6	2.8 NO NET DATA
044	150 28.	14.4 +- .4	2.2 NO NET DATA

NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

RIVER BEND
FOR THE PERIOD 851216-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.5 $\pm$ 1.0	2
11.25-33.75 (NNE)	NO DATA $\pm$ NO DATA	0
33.75-56.25 (NE)	17.9 $\pm$ 1.6	3
56.25-78.75 (ENE)	18.1 $\pm$.3	2
78.75-101.25 (E)	17.3 $\pm$.7	2
101.25-123.75 (ESE)	17.7 $\pm$ 1.5	4
123.75-146.25 (SE)	18.9 $\pm$.7	2
146.25-168.75 (SSE)	17.3 $\pm$ 2.1	2
168.75-191.25 (S)	19.7 $\pm$ 2.0	3
191.25-213.75 (SSW)	18.0 $\pm$ 1.3	2
213.75-236.25 (SW)	17.1 $\pm$ 1.7	5
236.25-258.75 (WSW)	19.2 $\pm$ 1.5	3
258.75-281.25 (W)	17.3 $\pm$.5	2
281.25-303.75 (WNW)	17.7 $\pm$ 2.3	2
303.75-326.25 (NW)	18.9 $\pm$.5	4
326.25-348.75 (NNW)	18.8 $\pm$.5	5

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.4 $\pm$ 1.3	15
2-5	18.6 $\pm$ 1.5	8
>5	17.9 $\pm$ 1.4	20
UPWIND CONTROL DATA	16.6 $\pm$ 0.0	1

ROBINSON
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851217-860423 128 DAYS
FIELD TIME 88 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	191 0.2	MISSING OR DAMAGED DOSIMETER	
002	151 1.9	28.7 +- .9 4.3	25.4 +- .9 6.7
003	134 2.0	23.8 +- .7 0.0	20.3 +- .0 6.2
004	119 1.9	18.9 +- .6 0.0	15.3 +- .7 5.0
005	89 2.1	23.3 +- .7 0.0	19.8 +- .0 6.2
006	65 1.0	21.6 +- .6 0.0	18.1 +- .7 6.0
007	46 1.0	22.7 +- .7 0.4	19.2 +- .0 6.1
008	27 1.9	22.6 +- .7 0.4	19.1 +- .0 6.1
009	22 3.5	23.5 +- .7 0.0	20.0 +- .0 6.3
010	0 5.0	20.0 +- .6 0.0	16.5 +- .7 5.9
011	51 4.0	23.0 +- .7 0.0	20.3 +- .0 6.2
012	67 4.1	22.0 +- .7 0.0	18.5 +- .0 6.0
013	87 4.5	19.5 +- .6 0.0	15.9 +- .7 5.0
014	109 5.0	19.5 +- .6 0.0	16.0 +- .7 5.0
015	118 4.0	20.4 +- .6 0.1	16.0 +- .7 5.9
016	130 5.0	20.7 +- .7 0.5	20.3 +- .0 6.3
017	115 17.7	19.5 +- .6 0.0	15.9 +- .7 5.0
018	199 13.7	21.1 +- .6 0.0	17.6 +- .7 6.0
019	200 4.0	MISSING OR DAMAGED DOSIMETER	
020	225 4.0	24.3 +- .7 0.0	20.0 +- .0 6.2
021	170 4.6	17.9 +- .5 2.7	14.3 +- .6 5.7
022	167 3.7	21.5 +- .6 0.2	18.0 +- .7 6.0
023	181 2.3	20.4 +- .6 0.1	16.0 +- .7 5.9
024	194 2.0	23.2 +- .7 0.5	19.7 +- .0 6.2
025	220 2.1	22.1 +- .7 0.0	18.6 +- .0 6.1
026	245 1.5	19.7 +- .6 0.0	16.1 +- .7 5.9
027	273 1.0	18.2 +- .5 0.7	14.6 +- .7 5.7
028	287 2.0	17.5 +- .5 0.6	13.9 +- .6 5.7
029	311 1.6	21.0 +- .7 0.0	18.3 +- .7 6.0
030	334 1.9	21.1 +- .6 0.2	17.6 +- .7 6.0
031	353 1.0	18.6 +- .6 0.0	15.0 +- .7 5.0
032	333 4.0	21.3 +- .6 0.2	17.0 +- .7 6.0
033	318 4.7	21.6 +- .6 0.2	18.1 +- .7 6.0
034	310 6.9	MISSING OR DAMAGED DOSIMETER	
035	295 4.0	24.6 +- .7 0.7	21.2 +- .0 6.3
036	269 4.0	20.1 +- .6 0.0	16.6 +- .7 5.9
037	252 4.6	21.5 +- .6 0.0	18.0 +- .7 6.0
038	274 11.7	24.5 +- .7 0.7	21.1 +- .0 6.3
039	286 15.7	19.2 +- .6 0.9	15.7 +- .7 5.0
040	289 16.7	18.1 +- .5 0.7	14.5 +- .7 5.7
041	291 17.7	20.3 +- .6 0.0	16.0 +- .7 5.9
TRANSIT DOSE = 3.9 +- .3 4.9			

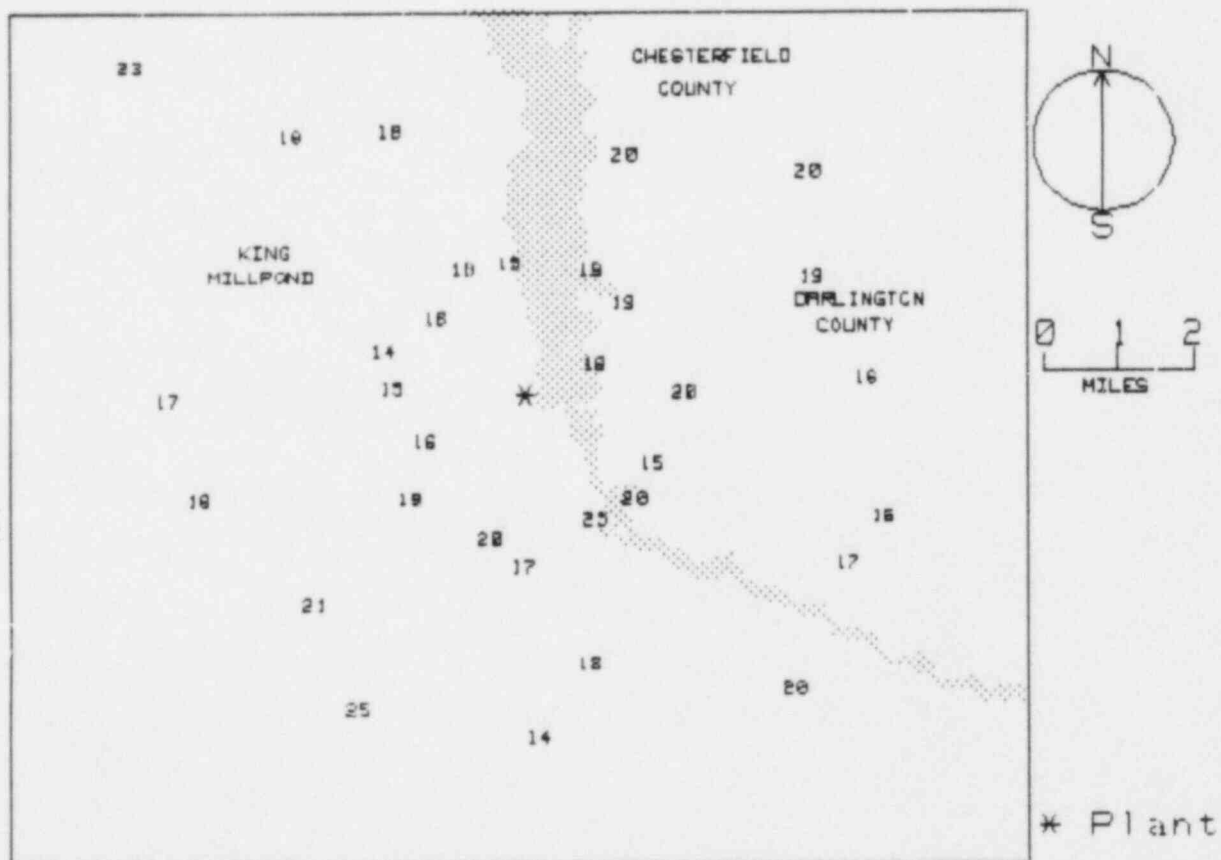
ROBINSON
FOR THE PERIOD 851217-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.8 $\pm$ 1.0	2
11.25-33.75 (NNE)	19.6 $\pm$.6	2
33.75-56.25 (NE)	19.7 $\pm$.8	2
56.25-78.75 (ENE)	18.3 $\pm$.3	2
78.75-101.25 (E)	17.9 $\pm$ 2.7	2
101.25-123.75 (ESE)	16.0 $\pm$.6	4
123.75-146.25 (SE)	20.3 $\pm$.1	2
146.25-168.75 (SSE)	21.7 $\pm$ 5.2	2
168.75-191.25 (S)	15.6 $\pm$ 1.8	2
191.25-213.75 (SSW)	18.7 $\pm$ 1.5	2
213.75-236.25 (SW)	19.7 $\pm$ 1.6	2
236.25-258.75 (WSW)	17.0 $\pm$ 1.3	2
258.75-281.25 (W)	17.4 $\pm$ 3.3	3
281.25-303.75 (WNW)	17.5 $\pm$ 5.2	2
303.75-326.25 (NW)	18.2 $\pm$.1	2
326.25-348.75 (NNW)	17.7 $\pm$.2	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	17.9 $\pm$ 3.1	13
2-5	18.0 $\pm$ 1.9	18
>5	18.7 $\pm$ 2.4	4
UPWIND CONTROL DATA	15.7 $\pm$ 1.1	3

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



ST. LUCIE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860415 119 DAYS
 FIELD TIME 80 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	20	0.3	14.8 +- .4	2.2	11.8 +- .6	5.9
002	45	0.2	15.8 +- .5	2.4	12.8 +- .6	6.0
003	67	0.2	MISSING OR DAMAGED DOSIMETER			
004	92	0.3	14.1 +- .4	2.1	10.9 +- .6	5.8
005	115	0.4	14.6 +- .4	2.2	11.5 +- .6	5.9
006	143	1.1	12.3 +- .4	1.8	8.9 +- .6	5.7
007	150	2.0	11.8 +- .4	1.8	8.3 +- .6	5.7
008	154	4.7	14.3 +- .4	2.1	11.1 +- .6	5.9
009	152	23	13.0 +- .4	2.0	9.7 +- .6	5.8
010	152	23	14.1 +- .4	2.1	11.0 +- .6	5.8
011	152	23	14.8 +- .4	2.2	11.7 +- .6	5.9
012	168	14.	12.8 +- .4	1.9	9.5 +- .6	5.8
013	185	10.	14.4 +- .4	2.2	11.3 +- .6	5.9
014	183	11.	16.8 +- .5	2.5	14.0 +- .7	6.0
015	170	8.0	13.4 +- .4	2.0	10.1 +- .6	5.8
016	196	7.0	13.2 +- .4	2.0	10.0 +- .6	5.8
017	229	7.9	17.0 +- .5	2.5	14.2 +- .7	6.1
018	250	6.6	12.4 +- .4	1.9	9.0 +- .6	5.7
019	247	4.0	12.9 +- .4	1.9	9.6 +- .6	5.8
020	229	5.0	13.4 +- .4	2.0	10.2 +- .6	5.8
021	208	3.0	12.2 +- .4	1.8	8.8 +- .6	5.7
022	187	3.0	12.8 +- .4	1.9	9.5 +- .6	5.8
023	203	2.6	13.4 +- .4	2.0	10.2 +- .6	5.8
024	245	1.9	13.4 +- .4	2.0	10.1 +- .6	5.8
025	200	2.2	14.8 +- .4	2.2	11.8 +- .6	5.9
026	299	3.1	14.0 +- .4	2.1	10.9 +- .6	5.8
027	305	3.0	14.2 +- .4	2.1	11.0 +- .6	5.8
028	276	4.0	12.9 +- .4	1.9	9.6 +- .6	5.8
029	293	5.0	13.2 +- .4	2.0	10.0 +- .6	5.8
030	316	7.7	13.5 +- .4	2.0	10.2 +- .6	5.8
032	300	11.	14.3 +- .4	2.1	11.1 +- .6	5.9
033	322	8.7	14.7 +- .4	2.2	11.6 +- .6	5.9
034	339	8.8	13.6 +- .4	2.0	10.4 +- .6	5.8
035	342	2.9	13.5 +- .4	2.0	10.3 +- .6	5.8
036	346	1.9	14.6 +- .4	2.2	11.5 +- .6	5.9
037	353	1.0	MISSING OR DAMAGED DOSIMETER			
038	226	2.0	14.1 +- .4	2.1	11.0 +- .6	5.8
TRANSIT DOSE = 4.4 +- .3 ; 4.7						

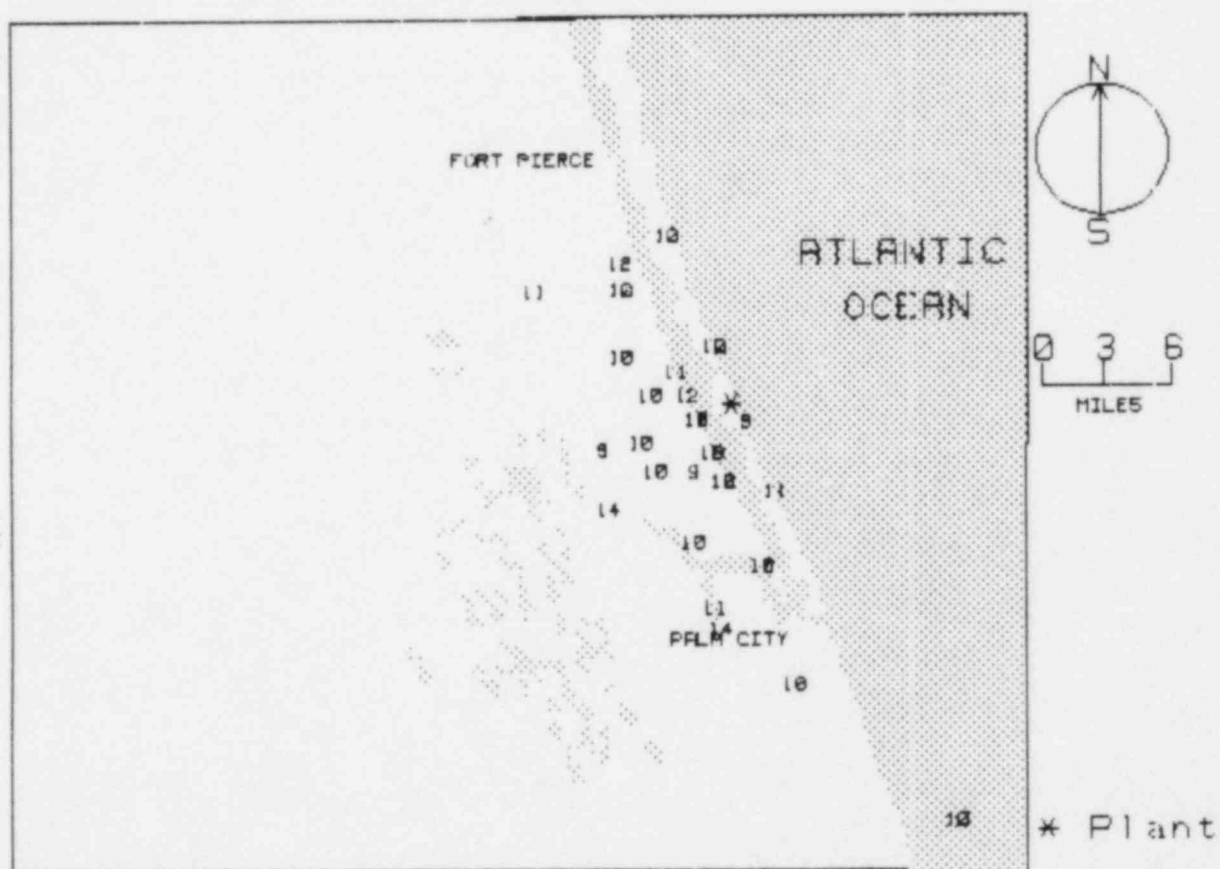
ST. LUCIE
FOR THE PERIOD 851218-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	11.8 $\pm$ 0.0	1
33.75-56.25 (NE)	12.8 $\pm$ 0.0	1
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	10.9 $\pm$ 0.0	1
101.25-123.75 (ESE)	11.5 $\pm$ 0.0	1
123.75-146.25 (SE)	8.9 $\pm$ 0.0	1
146.25-168.75 (SSE)	9.7 $\pm$ 1.4	3
168.75-191.25 (S)	11.2 $\pm$ 2.0	4
191.25-213.75 (SSW)	9.7 $\pm$.7	3
213.75-236.25 (SW)	11.8 $\pm$ 2.1	3
236.25-258.75 (WSW)	9.6 $\pm$.6	3
258.75-281.25 (W)	10.7 $\pm$ 1.6	2
281.25-303.75 (WNW)	10.7 $\pm$.6	3
303.75-326.25 (NW)	11.0 $\pm$.7	3
326.25-348.75 (NNW)	10.7 $\pm$.7	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	10.8 $\pm$ 1.4	9
2-5	10.3 $\pm$.9	11
>5	10.9 $\pm$ 1.6	12
UPWIND CONTROL DATA	10.8 $\pm$ 1.0	3

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



SALEM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851230-860413 105 DAYS
 FIELD TIME 96 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	87	3.3	14.9 +- .4	2.2	13.0 +- .5	4.6
002	79	3.4	14.2 +- .4	2.1	12.3 +- .5	4.5
003	72	3.6	MISSING OR DAMAGED DOSIMETER			
004	58	4.2	16.7 +- .5	2.5	14.6 +- .5	4.7
005	54	4.9	15.0 +- .4	2.2	13.0 +- .5	4.6
006	68	8.6	13.8 +- .4	2.1	11.9 +- .5	4.5
007	40	5.7	15.4 +- .5	2.3	13.4 +- .5	4.6
008	116	12.	15.8 +- .5	2.4	13.8 +- .5	4.6
010	8	5.8	15.5 +- .5	2.3	13.5 +- .5	4.6
011	15	8.1	14.8 +- .4	2.2	12.8 +- .5	4.5
012	24	8.6	14.9 +- .4	2.2	12.9 +- .5	4.5
013	49	8.6	14.1 +- .4	2.1	12.2 +- .5	4.5
014	90	6.7	13.5 +- .4	2.0	11.6 +- .5	4.5
015	105	6.4	13.4 +- .4	2.0	11.6 +- .5	4.5
TRANSIT DOSE = 1.1 +- .3 ; 4.3						

COMMENTS:

THIS STATION TLD EXCHANGE IS DIVIDED BETWEEN THE STATES OF
 N.J. AND DEL. STATION 1-16 (N.J.), STATION 17-50 (DEL.)

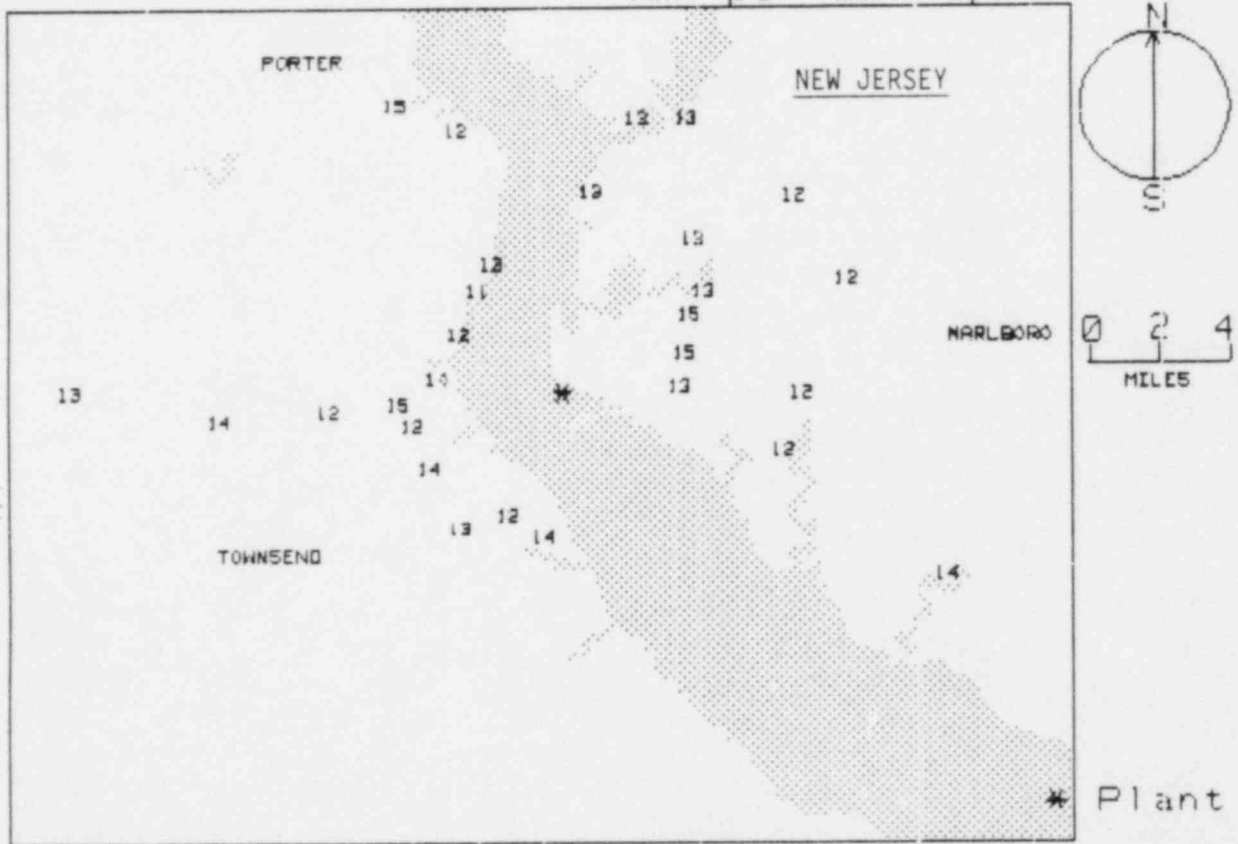
SALEM
FOR THE PERIOD 851230-860413

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.5 $\pm$ 0.0	1
11.25-33.75 (NNE)	12.8 $\pm$.1	2
33.75-56.25 (NE)	12.8 $\pm$.6	3
56.25-78.75 (ENE)	13.3 $\pm$ 1.9	2
78.75-101.25 (E)	12.3 $\pm$.7	3
101.25-123.75 (ESE)	12.7 $\pm$ 1.6	2
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	13.2 $\pm$ 1.0	4
>5	12.6 $\pm$.8	9
UPWIND CONTROL DATA	NO DATA	NO DATA

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



SALEM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851230-860413 105 DAYS
 FIELD TIME 96 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+- Rdm; Tot.			mR/Std. Otr. +- Rdm; Tot.		
017	331	4.2	13.8	+- .4	2.1	12.9	+- .4	3.8
018	320	3.8	11.7	+- .4	1.8	11.0	+- .4	3.7
019	299	3.4	12.6	+- .4	1.9	11.8	+- .4	3.8
020	330	3.5	16.1	+- .5	2.4	15.1	+- .5	4.0
021	276	3.6	14.6	+- .4	2.2	13.6	+- .4	3.9
022	266	4.7	15.6	+- .5	2.3	14.6	+- .5	4.0
023	257	4.4	13.1	+- .4	2.0	12.3	+- .4	3.8
024	240	4.4	15.2	+- .5	2.3	14.3	+- .5	4.0
025	217	4.9	14.0	+- .4	2.1	13.1	+- .4	3.9
026	204	3.9	13.1	+- .4	2.0	12.2	+- .4	3.8
027	188	4.2	15.0	+- .5	2.3	14.1	+- .5	4.0
028	319	2.8	15.4	+- .5	2.3	14.4	+- .5	4.0
029	265	6.7	12.8	+- .4	1.9	12.0	+- .4	3.8
030	353	12.	12.9	+- .4	1.9	12.0	+- .4	3.8
031	0	18	14.2	+- .4	2.1	13.3	+- .4	3.9
032	338	8.1	12.5	+- .4	1.9	11.7	+- .4	3.8
033	265	9.8	15.1	+- .5	2.3	14.2	+- .5	4.0
034	270	14.	14.2	+- .4	2.1	13.3	+- .4	3.9
TRANSIT DOSE = 0.0 +- .2 ; 3.5								

COMMENTS:

THIS STATION TLD EXCHANGE IS DIVIDED BETWEEN THE STATES OF
 N.J. AND DEL. STATION 1-16 (N.J.), STATION 17-50 (DEL.)

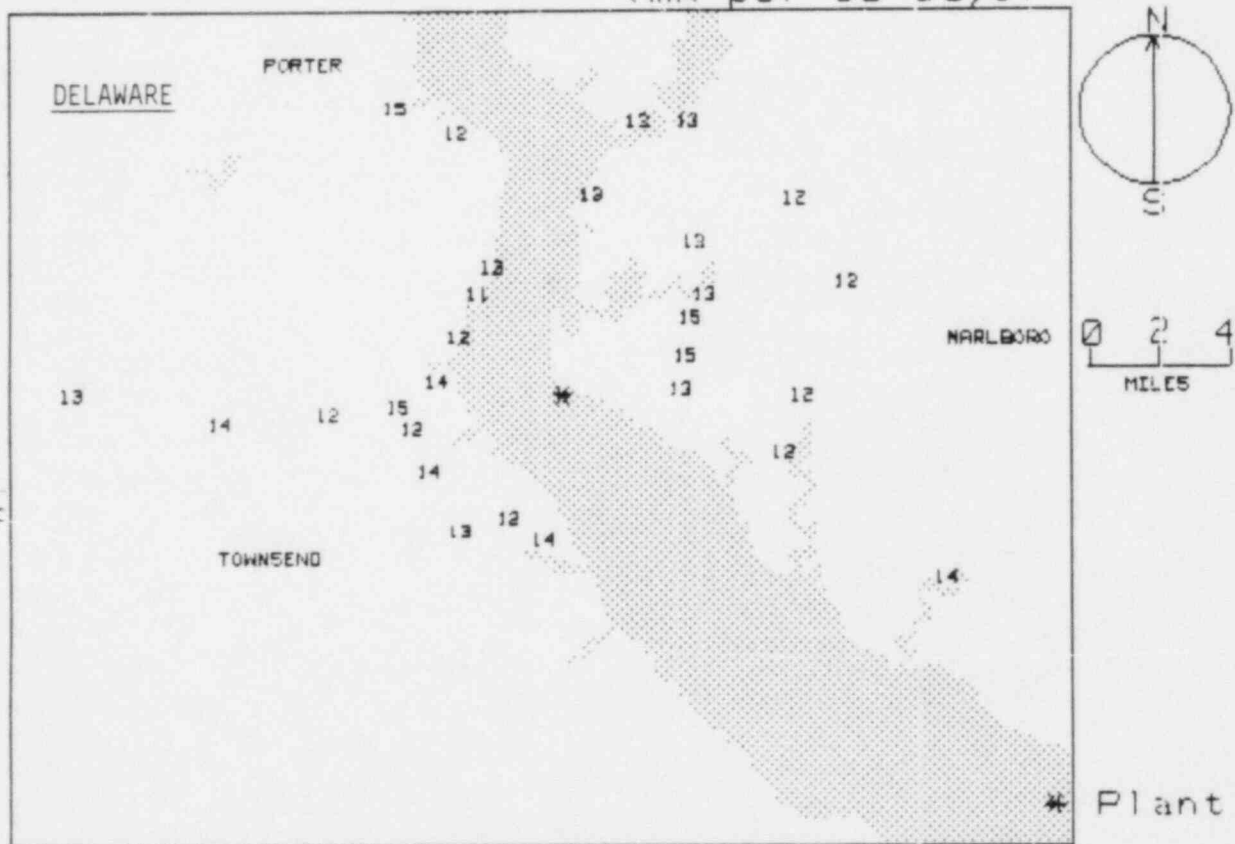
SALEM
FOR THE PERIOD 851230-860413

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	14.1 $\pm$ 0.0	1
191.25-213.75 (SSW)	12.2 $\pm$ 0.0	1
213.75-236.25 (SW)	13.1 $\pm$ 0.0	1
236.25-258.75 (WSW)	13.3 $\pm$ 1.4	2
258.75-281.25 (W)	13.5 $\pm$ 1.0	5
281.25-303.75 (WNW)	11.8 $\pm$ 0.0	1
303.75-326.25 (NW)	11.0 $\pm$ 0.0	1
326.25-348.75 (NNW)	13.2 $\pm$ 1.7	3

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	13.0 $\pm$ 1.2	10
>5	13.2 $\pm$ 1.4	5
UPWIND CONTROL DATA	13.3 $\pm$ 1.2	3

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



NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/std.Qtr. +- Rdm; Tot.
001	346 35.	29.4 +- .9	23.7 +- 1.0
002	346 35.	29.0 +- .9	23.3 +- .9
003	346 35.	28.0 +- .8	22.4 +- .9
004	327 11.	23.4 +- .7	17.8 +- .8
005	308 14.	25.2 +- .8	19.5 +- .8
006	307 10.	23.0 +- .7	17.4 +- .8
007	318 6.3	23.3 +- .7	17.7 +- .8
008	322 5.1	24.9 +- .7	19.3 +- .8
009	311 3.3	23.7 +- .7	18.1 +- .8
010	331 3.3	27.9 +- .8	22.3 +- .9
011	300 2.6	23.8 +- .7	18.2 +- .8
012	285 0.5	26.2 +- .8	20.6 +- .9
013	320 2.4	23.1 +- .7	17.5 +- .8
014	320 1.7	25.4 +- .8	19.7 +- .8
015	333 1.2	MISSING OR DAMAGED DOSIMETER	
016	30 1.9	26.0 +- .8	20.4 +- .9
017	8 1.3	21.2 +- .6	15.6 +- .7
018	39/ 2.7	MISSING OR DAMAGED DOSIMETER	
019	55 2.9	23.5 +- .7	17.9 +- .8
020	77 4.1	26.6 +- .8	21.0 +- .9
021	87 4.7	26.5 +- .8	20.9 +- .9
022	25 3.4	28.1 +- .8	22.4 +- .9
023	357 3.5	29.0 +- .9	23.3 +- .9
024	25 0.4	23.7 +- .7	18.1 +- .8
025	81 0.4	23.2 +- .7	17.6 +- .8
026	126 2.1	22.4 +- .7	16.8 +- .8
027	130 0.6	22.4 +- .7	16.8 +- .8
028	99 0.9	23.3 +- .7	17.7 +- .8
029	135 11.	22.4 +- .7	16.8 +- .8
030	126 2.0	18.7 +- .6	13.1 +- .7
031	128 3.7	19.4 +- .6	13.9 +- .7
032	140 22.	27.2 +- .8	21.5 +- .9
033	120 26.	20.4 +- .6	14.8 +- .7
TRANSIT DOSE = 5.4 +- .4 : 5.5			

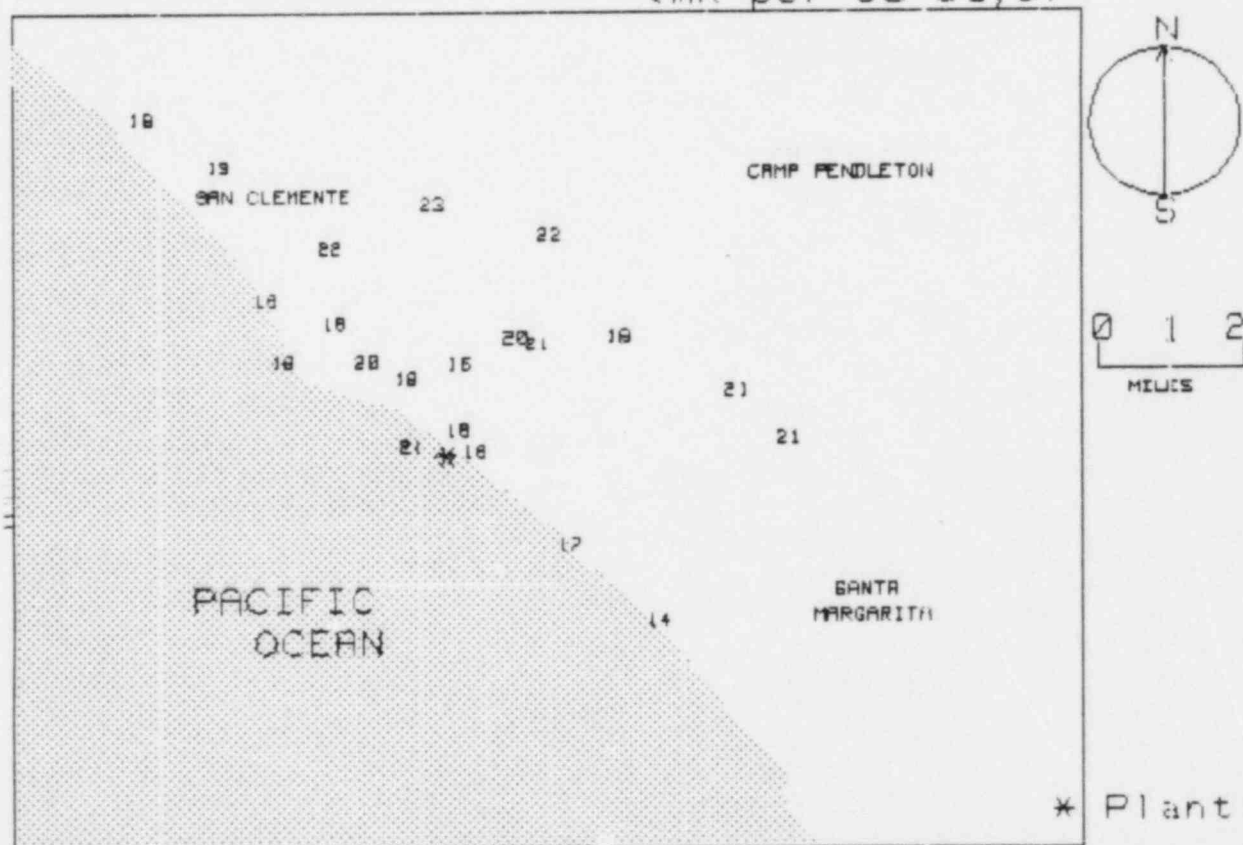
SAN ONOFRE
FOR THE PERIOD 851216-860429

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	19.5 $\pm$ 5.5	2
11.25-33.75 (NNE)	20.3 $\pm$ 2.2	3
33.75-56.25 (NE)	17.9 $\pm$ 0.0	1
56.25-78.75 (ENE)	21.0 $\pm$ 0.0	1
78.75-101.25 (E)	18.7 $\pm$ 1.9	3
101.25-123.75 (ESE)	14.8 $\pm$ 0.0	1
123.75-146.25 (SE)	16.5 $\pm$ 3.0	6
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	19.4 $\pm$ 1.7	2
303.75-326.25 (NW)	18.5 $\pm$ 1.0	7
326.25-348.75 (NNW)	20.0 $\pm$ 3.1	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.9 $\pm$ 2.7	7
2-5	19.3 $\pm$ 2.9	11
>5	17.9 $\pm$ 1.8	10
UPWIND CONTROL DATA	23.2 $\pm$.7	3

NRC TLD DOSES FOR SAN ONOFRE AREA
(mR per 90 days)



SEABROOK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860401 105 DAYS
 FIELD TIME 84 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	157 0.7	17.1 +- .5	2.6 NO NET DATA
002	179 .7	16.8 +- .5	2.5 NO NET DATA
003	199 0.7	15.5 +- .5	2.3 NO NET DATA
004	223 .9	17.2 +- .5	2.6 NO NET DATA
005	244 1.2	16.2 +- .5	2.4 NO NET DATA
006	293 1.0	17.1 +- .5	2.6 NO NET DATA
007	275 0.5	16.0 +- .5	2.4 NO NET DATA
008	317 2.8	16.4 +- .5	2.5 NO NET DATA
009	331 1.6	17.6 +- .5	2.6 NO NET DATA
010	358 1.9	16.8 +- .5	2.5 NO NET DATA
011	20 2.6	16.8 +- .5	2.5 NO NET DATA
012	50 2.1	16.8 +- .5	2.5 NO NET DATA
013	82 1.7	16.7 +- .5	2.5 NO NET DATA
014	43 4.1	16.6 +- .5	2.5 NO NET DATA
015	0 4.0	17.2 +- .5	2.6 NO NET DATA
016	20 12.	17.1 +- .5	2.6 NO NET DATA
017	322 7.3	18.2 +- .5	2.7 NO NET DATA
018	292 0.9	16.9 +- .5	2.5 NO NET DATA
019	269 9.9	16.9 +- .5	2.5 NO NET DATA
020	253 4.2	18.6 +- .5	2.8 NO NET DATA
021	232 4.7	17.1 +- .5	2.6 NO NET DATA
022	213 6.1	18.1 +- .5	2.7 NO NET DATA
023	189 6.6	18.2 +- .5	2.7 NO NET DATA
024	166 7.2	15.8 +- .5	2.4 NO NET DATA
025	177 4.1	16.1 +- .5	2.4 NO NET DATA
026	159 4.0	16.3 +- .5	2.4 NO NET DATA
027	138 2.4	17.2 +- .5	2.6 NO NET DATA
028	117 4.4	15.7 +- .5	2.4 NO NET DATA
030	66 2.1	17.2 +- .5	2.6 NO NET DATA
031	336 5.4	17.2 +- .5	2.6 NO NET DATA
032	237 19.	17.0 +- .5	2.6 NO NET DATA
033	237 19.	16.0 +- .5	2.4 NO NET DATA
034	237 19.	17.3 +- .5	2.6 NO NET DATA
035	237 19.	18.2 +- .5	2.7 NO NET DATA

NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

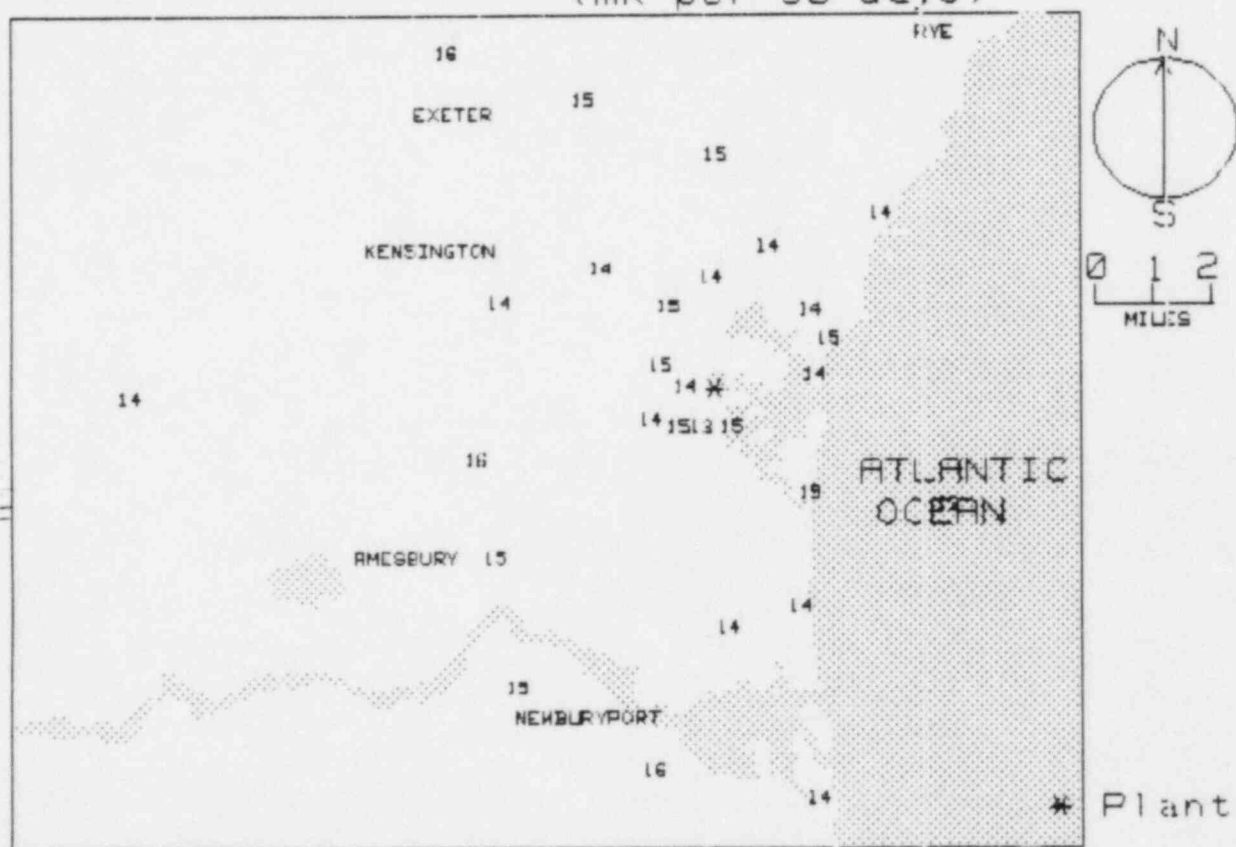
SEABROOK
FOR THE PERIOD 851218-860401

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	14.6 $\pm$.2	2
11.25-33.75 (NNE)	14.5 $\pm$.2	2
33.75-56.25 (NE)	14.3 $\pm$.1	2
56.25-78.75 (ENE)	14.7 $\pm$ 0.0	1
78.75-101.25 (E)	14.3 $\pm$ 0.0	1
101.25-123.75 (ESE)	13.5 $\pm$ 0.0	1
123.75-146.25 (SE)	14.7 $\pm$ 0.0	1
146.25-168.75 (SSE)	14.1 $\pm$.6	3
168.75-191.25 (S)	14.6 $\pm$.9	3
191.25-213.75 (SSW)	14.4 $\pm$ 1.6	2
213.75-236.25 (SW)	14.7 $\pm$.1	2
236.25-258.75 (WSW)	15.1 $\pm$ 1.1	3
258.75-281.25 (W)	14.1 $\pm$.5	2
281.25-303.75 (WNW)	14.6 $\pm$.2	2
303.75-326.25 (NW)	14.8 $\pm$ 1.1	2
326.25-348.75 (NNW)	14.9 $\pm$.2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.3 $\pm$.5	10
2-5	14.4 $\pm$.6	13
>5	15.0 $\pm$.7	8
UPWIND CONTROL DATA	14.4 $\pm$.6	3

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



SEQUOYAH
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851217-860415 120 DAYS
FIELD TIME 87 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	218	12.	20.0 +- .6	3.0	16.1 +- .7	6.1
002	206	13.	17.6 +- .5	2.9	13.6 +- .7	5.9
003	203	3.9	22.1 +- .7	3.3	18.2 +- .8	6.2
004	199	2.0	19.5 +- .6	2.9	15.5 +- .7	6.0
005	181	1.4	23.9 +- .7	3.6	20.1 +- .8	6.4
006	153	1.5	18.9 +- .6	2.0	15.0 +- .7	6.0
007	139	1.9	18.1 +- .5	2.7	14.1 +- .7	5.9
008	115	1.0	19.3 +- .6	2.9	15.3 +- .7	6.0
009	84	1.6	18.1 +- .5	2.7	14.1 +- .7	5.9
010	66	1.3	19.1 +- .6	2.9	15.2 +- .7	6.0
011	45	1.5	20.2 +- .6	3.0	16.3 +- .7	6.1
012	14	2.0	22.3 +- .7	3.3	18.5 +- .8	6.3
013	2.0	2.1	MISSING OR DAMAGED DOSIMETER			
014	19	3.9	19.1 +- .6	2.9	15.2 +- .7	6.0
015	48	4.0	16.6 +- .5	2.5	12.5 +- .6	5.0
016	65	4.9	18.6 +- .6	2.0	14.7 +- .7	6.0
017	90	0.9	20.3 +- .6	3.0	16.4 +- .7	6.1
018	111	0.4	18.7 +- .6	2.0	14.7 +- .7	6.0
019	135	0.4	18.5 +- .6	2.0	14.6 +- .7	6.0
020	158	0.4	17.1 +- .5	2.5	13.1 +- .6	5.9
021	184	4.6	21.3 +- .6	3.2	17.4 +- .8	6.2
022	233	11.	19.1 +- .6	2.9	15.2 +- .7	6.0
023	219	4.9	22.4 +- .7	3.4	18.5 +- .8	6.3
024	241	4.3	19.6 +- .6	2.9	15.6 +- .7	6.0
025	235	2.0	17.8 +- .5	2.7	13.8 +- .7	5.9
026	248	1.5	21.8 +- .7	3.3	17.9 +- .8	6.2
027	266	1.2	19.0 +- .6	2.0	15.0 +- .7	6.0
028	291	1.2	19.1 +- .6	2.9	15.1 +- .7	6.0
029	309	1.2	23.9 +- .7	3.6	20.1 +- .8	6.4
030	330	0.5	20.3 +- .6	3.0	16.4 +- .7	6.1
031	339	1.0	20.9 +- .6	3.1	17.0 +- .7	6.1
032	355	4.9	MISSING OR DAMAGED DOSIMETER			
033	334	3.6	17.7 +- .5	2.6	13.7 +- .7	5.9
034	317	4.4	MISSING OR DAMAGED DOSIMETER			
035	277	5.6	19.9 +- .6	3.0	16.0 +- .7	6.1
036	283	3.6	18.0 +- .5	2.7	14.0 +- .7	5.9
037	273	4.4	17.8 +- .5	2.7	13.8 +- .7	5.9
038	302	19.	19.5 +- .6	2.9	15.6 +- .7	6.0
039	290	18	19.8 +- .6	3.0	15.9 +- .7	6.1
040	289	18	19.1 +- .6	2.9	15.1 +- .7	6.0
041	318	6.1	19.3 +- .6	2.9	15.4 +- .7	6.0

TRANSIT DOSE = 4.4 +- .3 ; 5.0

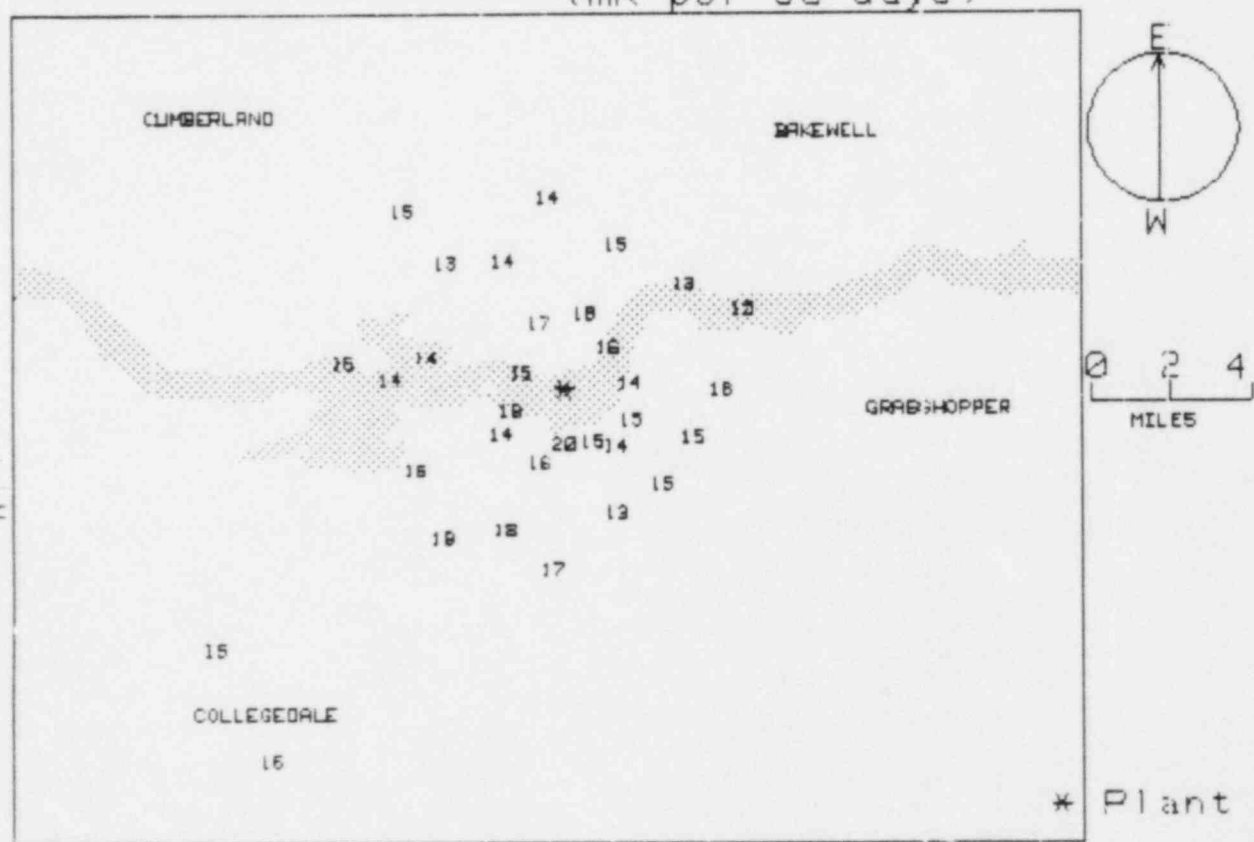
SEQUOYAH
FOR THE PERIOD 851217-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	16.8 $\pm$ 2.3	2
33.75-56.25 (NE)	14.4 $\pm$ 2.6	2
56.25-78.75 (ENE)	14.9 $\pm$.4	2
78.75-101.25 (E)	15.2 $\pm$ 1.6	2
101.25-123.75 (ESE)	15.0 $\pm$.4	2
123.75-146.25 (SE)	14.4 $\pm$.3	2
146.25-168.75 (SSE)	14.0 $\pm$ 1.4	2
168.75-191.25 (S)	18.8 $\pm$ 1.9	2
191.25-213.75 (SSW)	15.8 $\pm$ 2.3	3
213.75-236.25 (SW)	15.9 $\pm$ 2.0	4
236.25-258.75 (WSW)	16.8 $\pm$ 1.6	2
258.75-281.25 (W)	14.9 $\pm$ 1.1	3
281.25-303.75 (WNW)	14.6 $\pm$.8	2
303.75-326.25 (NW)	17.7 $\pm$ 3.3	2
326.25-348.75 (NNW)	15.7 $\pm$ 1.8	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.2 $\pm$ 2.0	16
2-5	15.2 $\pm$ 1.9	14
>5	15.3 $\pm$ 1.0	5
UPWIND CONTROL DATA	15.5 $\pm$.4	3

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



SHOREHAM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860417 121 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.			
001	262	10	15.9	+- .5	2.4	13.5	+- .5	4.9
002	268	4.4	17.5	+- .5	2.6	15.0	+- .6	5.0
003	256	3.2	16.0	+- .5	2.4	13.6	+- .5	4.9
004	268	2.1	17.2	+- .5	2.6	14.7	+- .6	5.0
005	243	1.7	17.3	+- .5	2.6	14.8	+- .6	5.0
007	136	1.5	17.6	+- .5	2.6	15.1	+- .6	5.0
008	116	0.9	19.6	+- .5	2.9	17.0	+- .6	5.2
009	91	0.8	16.2	+- .5	2.4	13.7	+- .5	4.9
010	73	0.7	15.7	+- .5	2.4	13.3	+- .5	4.9
011	62	0.7	15.7	+- .5	2.3	13.2	+- .5	4.9
012	75	1.6	15.8	+- .5	2.4	13.3	+- .5	4.9
013	88	2.1	17.1	+- .5	2.6	14.6	+- .6	5.0
014	119	4.6	16.7	+- .5	2.5	14.2	+- .6	5.0
015	110	10.	19.0	+- .5	3.0	17.2	+- .6	5.2
016	138	14.	16.9	+- .5	2.5	14.4	+- .6	5.0
017	162	12.	15.9	+- .5	2.4	13.4	+- .5	4.9
018	174	11.	MISSING OR DAMAGED DOSIMETER					
019	189	5.1	16.7	+- .5	2.5	14.2	+- .6	5.0
021	163	2.5	16.1	+- .5	2.4	13.7	+- .5	4.9
022	149	1.5	18.6	+- .5	2.8	16.0	+- .6	5.1
023	177	1.3	18.2	+- .5	2.7	15.7	+- .6	5.1
024	196	1.2	16.5	+- .5	2.5	14.0	+- .6	5.0
025	217	1.5	16.9	+- .5	2.5	14.4	+- .6	5.0
026	215	4.6	15.0	+- .4	2.2	12.5	+- .5	4.8
027	205	4.2	17.0	+- .5	2.7	15.0	+- .6	5.0
028	233	11	15.9	+- .5	2.4	13.4	+- .5	4.9
029	224	13.	16.1	+- .5	2.4	13.6	+- .5	4.9
030	202	14.	16.1	+- .5	2.4	13.6	+- .5	4.9
031	210	15.	16.7	+- .5	2.5	14.2	+- .6	5.0
032	210	15.	17.1	+- .5	2.6	14.6	+- .6	5.0
033	210	15.	16.9	+- .5	2.5	14.4	+- .6	5.0
034	27	.2	18.0	+- .5	2.7	15.7	+- .6	5.1
035	50	.3	19.3	+- .6	2.9	16.0	+- .6	5.2
036	133	3.9	18.1	+- .5	2.7	15.6	+- .6	5.1

TRANSIT DOSE = 2.0 +- .3 ; 4.5

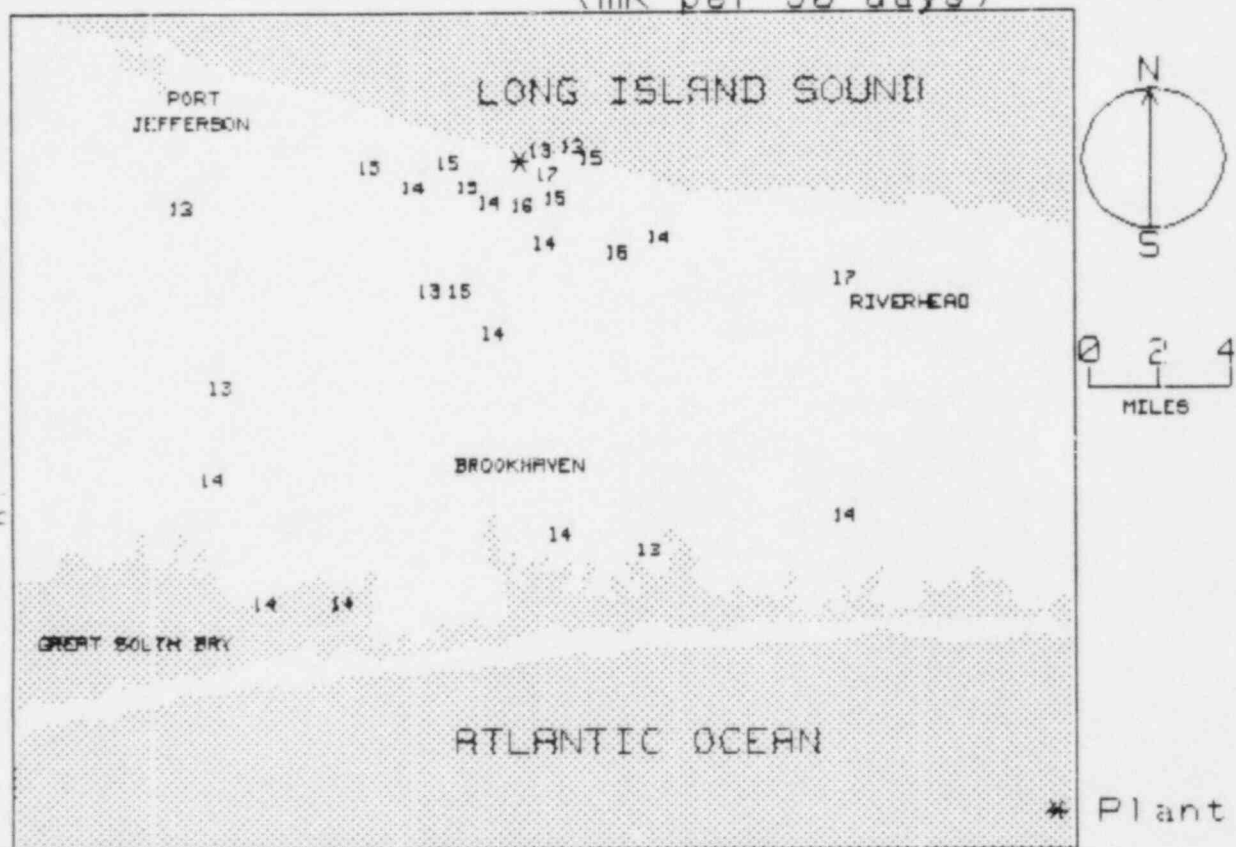
SHOREHAM
FOR THE PERIOD 851218-860417

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	15.7 $\pm$ 0.0	1
33.75-56.25 (NE)	16.8 $\pm$ 0.0	1
56.25-78.75 (ENE)	13.3 $\pm$.0	3
78.75-101.25 (E)	14.1 $\pm$.6	2
101.25-123.75 (ESE)	16.1 $\pm$ 1.7	3
123.75-146.25 (SE)	15.0 $\pm$.6	3
146.25-168.75 (SSE)	14.4 $\pm$ 1.4	3
168.75-191.25 (S)	15.0 $\pm$ 1.0	2
191.25-213.75 (SSW)	14.3 $\pm$.9	3
213.75-236.25 (SW)	13.5 $\pm$.8	4
236.25-258.75 (WSW)	14.2 $\pm$.9	2
258.75-281.25 (W)	14.4 $\pm$.8	3
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	14.9 $\pm$ 1.3	13
2-5	14.3 $\pm$ 1.0	9
>5	14.2 $\pm$ 1.3	8
UPWIND CONTROL DATA	14.4 $\pm$.2	3

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



SUMMER
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851217-860423 128 DAYS
FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	199	3.7	27.6 +- .8	4.1	22.8 +- 1.0	7.3
002	111	1.3	29.4 +- .9	4.4	24.7 +- 1.0	7.5
003	340	4.1	33.4 +- 1.0	5.0	29.0 +- 1.1	7.9
004	192	9.3	29.1 +- .9	4.4	24.4 +- 1.0	7.5
005	72	1.0	30.4 +- .9	4.6	25.8 +- 1.1	7.6
006	54	1.0	30.2 +- .9	4.5	25.5 +- 1.0	7.6
007	46	0.0	33.6 +- 1.0	5.0	29.1 +- 1.1	7.9
008	31	0.0	36.4 +- 1.1	5.5	32.1 +- 1.2	8.2
009	13	0.0	33.8 +- 1.0	5.1	29.4 +- 1.2	7.9
010	7	4.0	33.5 +- 1.0	5.0	29.0 +- 1.1	7.9
011	349	4.0	27.7 +- .8	4.1	22.9 +- 1.0	7.3
012	323	0.0	34.7 +- 1.0	5.2	30.3 +- 1.2	8.0
013	333	0.0	31.3 +- .9	4.7	26.7 +- 1.1	7.7
014	255	0.0	23.9 +- .7	3.6	18.9 +- .9	7.0
015	308	0.0	31.0 +- 1.0	4.0	27.2 +- 1.1	7.7
016	64	0.0	26.0 +- .9	4.5	25.6 +- 1.0	7.6
017	98	0.1	29.7 +- .9	4.4	25.0 +- 1.0	7.5
018	114	0.0	27.7 +- .8	4.2	22.9 +- 1.0	7.3
019	132	0.0	27.7 +- .8	4.1	22.9 +- 1.0	7.3
020	152	4.0	26.9 +- .6	3.1	15.7 +- .8	6.7
021	133	4.1	26.8 +- .6	3.1	15.6 +- .8	6.7
022	157	2.4	23.2 +- .7	3.5	18.2 +- .8	6.9
023	173	2.4	23.5 +- .7	3.5	18.4 +- .9	6.9
024	185	0.0	24.5 +- .7	3.7	19.5 +- .9	7.0
025	210	0.0	24.4 +- .7	3.7	19.4 +- .9	7.0
026	217	0.0	22.0 +- .7	3.3	17.2 +- .8	6.8
027	231	0.1	MISSING OR DAMAGED DOSIMETER			
028	267	0.7	26.4 +- .8	4.0	21.6 +- .9	7.2
029	276	0.4	28.0 +- .9	4.3	24.1 +- 1.0	7.4
030	293	0.0	33.9 +- 1.0	5.1	29.4 +- 1.2	8.0
031	244	0.6	26.9 +- .8	4.0	22.1 +- .9	7.3
032	247	0.2	25.7 +- .8	3.9	20.8 +- .9	7.1
033	218	0.0	23.6 +- .7	3.5	18.6 +- .9	7.0
034	192	0.0	24.4 +- .7	3.7	19.4 +- .9	7.0
035	184	1.4	20.7 +- .6	3.1	15.5 +- .8	6.7
036	183	1.5	20.2 +- .6	3.0	15.0 +- .8	6.7
037	182	1.5	19.3 +- .6	2.9	14.0 +- .7	6.6
038	148	2.1	26.0 +- .8	3.9	21.1 +- .9	7.2
039	14	2.5	29.0 +- .9	4.3	24.3 +- 1.0	7.4
040	135	2.0	MISSING OR DAMAGED DOSIMETER			

TRANSIT DOSE = 6.0 +- .4 ; 5.5

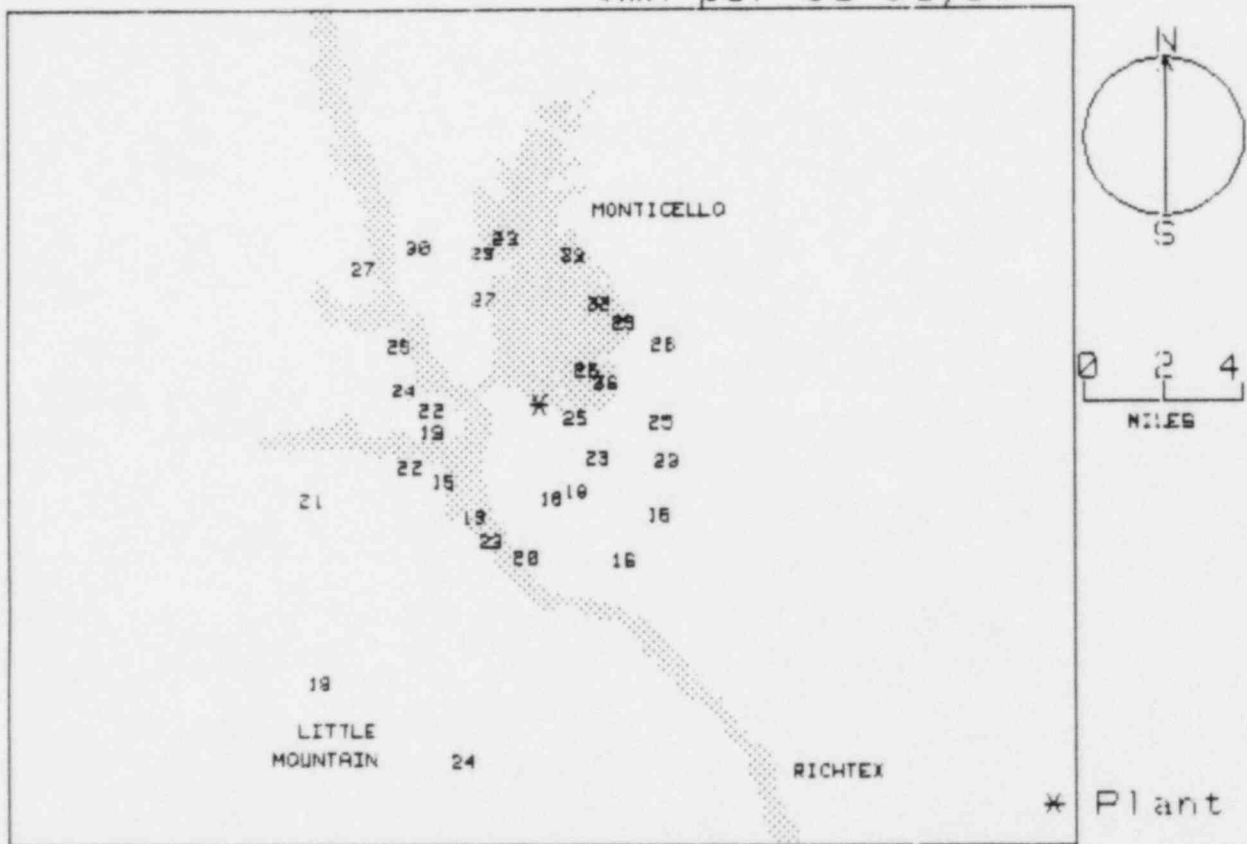
SUMMER
FOR THE PERIOD 851217-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	26.0 $\pm$ 4.3	2
11.25-33.75 (NNE)	28.6 $\pm$ 4.0	3
33.75-56.25 (NE)	27.3 $\pm$ 2.5	2
56.25-78.75 (ENE)	25.7 $\pm$.1	2
78.75-101.25 (E)	25.0 $\pm$ 0.0	1
101.25-123.75 (ESE)	23.8 $\pm$ 1.2	2
123.75-146.25 (SE)	19.3 $\pm$ 5.1	2
146.25-168.75 (SSE)	18.3 $\pm$ 2.7	3
168.75-191.25 (S)	19.0 $\pm$.8	2
191.25-213.75 (SSW)	21.5 $\pm$ 2.5	4
213.75-236.25 (SW)	17.9 $\pm$ 1.0	2
236.25-258.75 (WSW)	20.6 $\pm$ 1.6	3
258.75-281.25 (W)	22.8 $\pm$ 1.8	2
281.25-303.75 (WNW)	29.4 $\pm$ 0.0	1
303.75-326.25 (NW)	28.8 $\pm$ 2.2	2
326.25-348.75 (NNW)	27.8 $\pm$ 1.6	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	24.7 $\pm$ 1.3	4
2-5	23.5 $\pm$ 5.0	24
>5	22.2 $\pm$ 3.1	7
UPWIND CONTROL DATA	14.8 $\pm$.7	3

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



SURRY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860407 111 DAYS
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.			
001	11	19	16.1	+- .5	2.4	15.7	+- .6	4.9
002	129	17.	17.3	+- .5	2.6	16.9	+- .6	5.0
003	162	17.	15.3	+- .5	2.3	14.8	+- .6	4.8
004	162	17.	13.4	+- .4	2.0	12.8	+- .6	4.7
005	156	5.1	16.7	+- .5	2.5	16.3	+- .6	4.9
006	189	4.1	14.6	+- .4	2.2	14.1	+- .6	4.8
007	202	2.2	14.2	+- .4	2.1	13.7	+- .6	4.7
008	183	1.6	16.6	+- .5	2.5	16.2	+- .6	4.9
009	243	0.2	18.9	+- .6	2.8	18.6	+- .7	5.1
010	269	0.1	20.6	+- .6	3.1	20.4	+- .7	5.3
011	304	0.1	21.9	+- .7	3.3	21.8	+- .7	5.4
012	334	0.2	20.4	+- .6	3.1	20.2	+- .7	5.3
013	10	1.2	16.8	+- .5	2.5	16.4	+- .6	4.9
014	21	2.0	16.1	+- .5	2.4	15.6	+- .6	4.9
015	203	4.5	15.0	+- .4	2.2	14.5	+- .6	4.8
016	224	3.7	14.1	+- .4	2.1	13.6	+- .6	4.7
017	212	2.0	17.2	+- .5	2.6	16.8	+- .6	5.0
018	248	5.1	13.9	+- .4	2.1	13.3	+- .6	4.7
019	259	0.1	14.9	+- .4	2.2	14.4	+- .6	4.8
020	285	5.0	10.4	+- .3	1.6	9.6	+- .4	4.5
021	270	4.1	18.9	+- .6	2.8	18.6	+- .7	5.1
022	123	13.	MISSING OR DAMAGED DOSIMETER					
023	102	11.	22.7	+- .7	3.4	22.7	+- .8	5.5
024	106	4.9	18.0	+- .5	2.7	17.6	+- .6	5.0
025	90	5.2	16.8	+- .5	2.5	16.4	+- .6	4.9
026	69	5.1	20.4	+- .6	3.1	20.2	+- .7	5.3
027	20	5.3	18.3	+- .5	2.7	18.0	+- .6	5.1
028	7.49	5.0	18.8	+- .6	2.8	18.5	+- .6	5.1
029	7.0	6.8	17.6	+- .5	2.6	17.2	+- .6	5.0
030	35.9	6.5	15.7	+- .5	2.3	15.2	+- .6	4.8
031	1.0	4.6	12.3	+- .4	1.8	11.6	+- .6	4.5
032	332	3.8	15.2	+- .5	2.3	14.7	+- .6	4.8
033	314	5.4	16.3	+- .5	2.5	16.4	+- .6	4.9
034	308	6.4	16.4	+- .5	2.5	16.3	+- .6	4.9
035	040	5.3	16.1	+- .5	2.4	15.7	+- .6	4.9
036	34	15	15.4	+- .5	2.3	14.9	+- .6	4.8
037	040	15.	14.1	+- .4	2.1	13.6	+- .6	4.7
038	039	16.	15.0	+- .4	2.2	14.5	+- .6	4.8
039	153	1.9	18.7	+- .6	2.8	18.4	+- .7	5.1
040	144	2.1	15.3	+- .5	2.3	14.8	+- .6	4.8

TRANSIT DOSE = 1.3 +- .2 ; 3.9

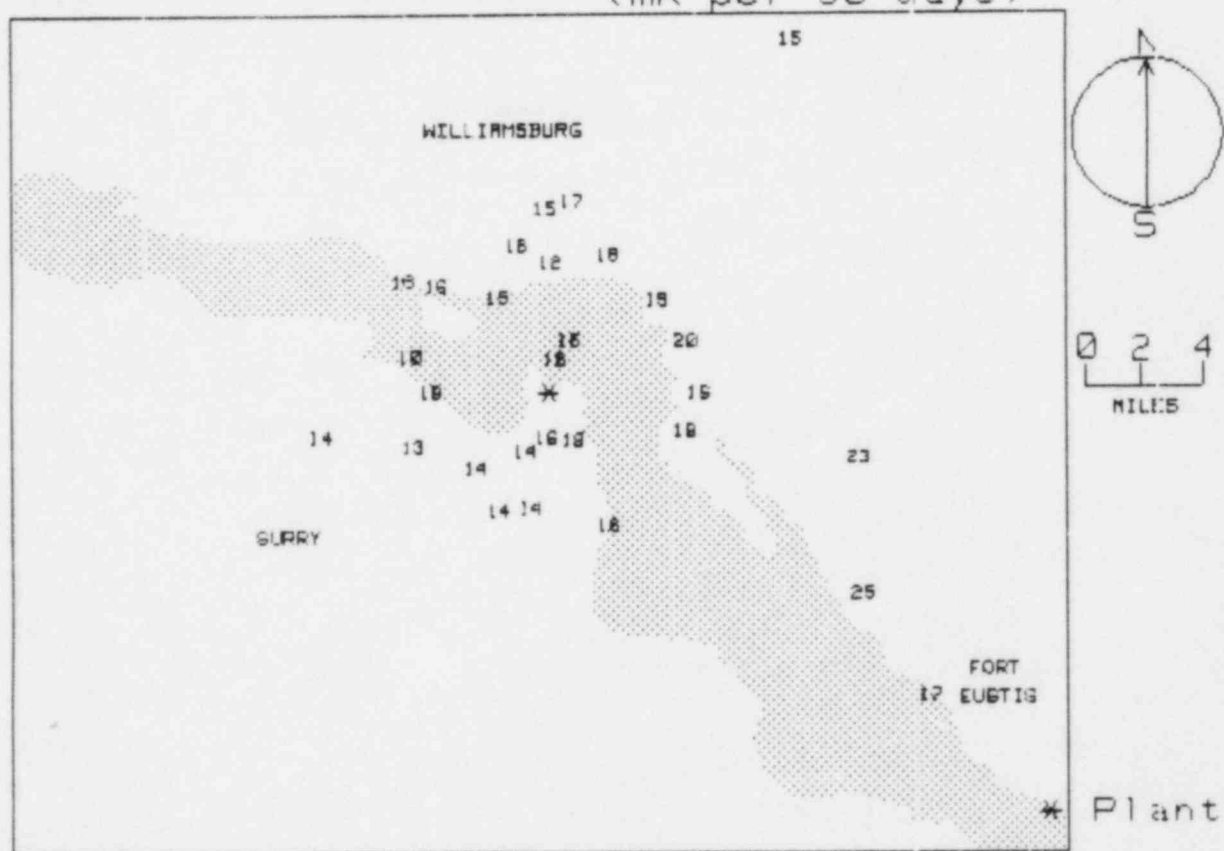
SURRY
FOR THE PERIOD 851218-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.2 $\pm$ 2.2	5
11.25-33.75 (NNE)	16.8 $\pm$ 1.6	2
33.75-56.25 (NE)	18.5 $\pm$ 0.0	1
56.25-78.75 (ENE)	20.2 $\pm$ 0.0	1
78.75-101.25 (E)	16.4 $\pm$ 0.0	1
101.25-123.75 (ESE)	20.2 $\pm$ 3.6	2
123.75-146.25 (SE)	15.8 $\pm$ 1.5	2
146.25-168.75 (SSE)	15.6 $\pm$ 2.3	4
168.75-191.25 (S)	15.2 $\pm$ 1.5	2
191.25-213.75 (SSW)	15.0 $\pm$ 1.6	3
213.75-236.25 (SW)	13.6 $\pm$ 0.0	1
236.25-258.75 (WSW)	16.0 $\pm$ 3.0	2
258.75-281.25 (W)	17.8 $\pm$ 3.1	3
281.25-303.75 (WNW)	9.6 $\pm$ 0.0	1
303.75-326.25 (NW)	18.1 $\pm$ 3.2	3
326.25-348.75 (NNW)	16.8 $\pm$ 2.9	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	18.3 $\pm$ 2.2	9
2-5	14.7 $\pm$ 2.8	11
>5	16.4 $\pm$ 2.4	16
UPWIND CONTROL DATA	14.3 $\pm$.7	3

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

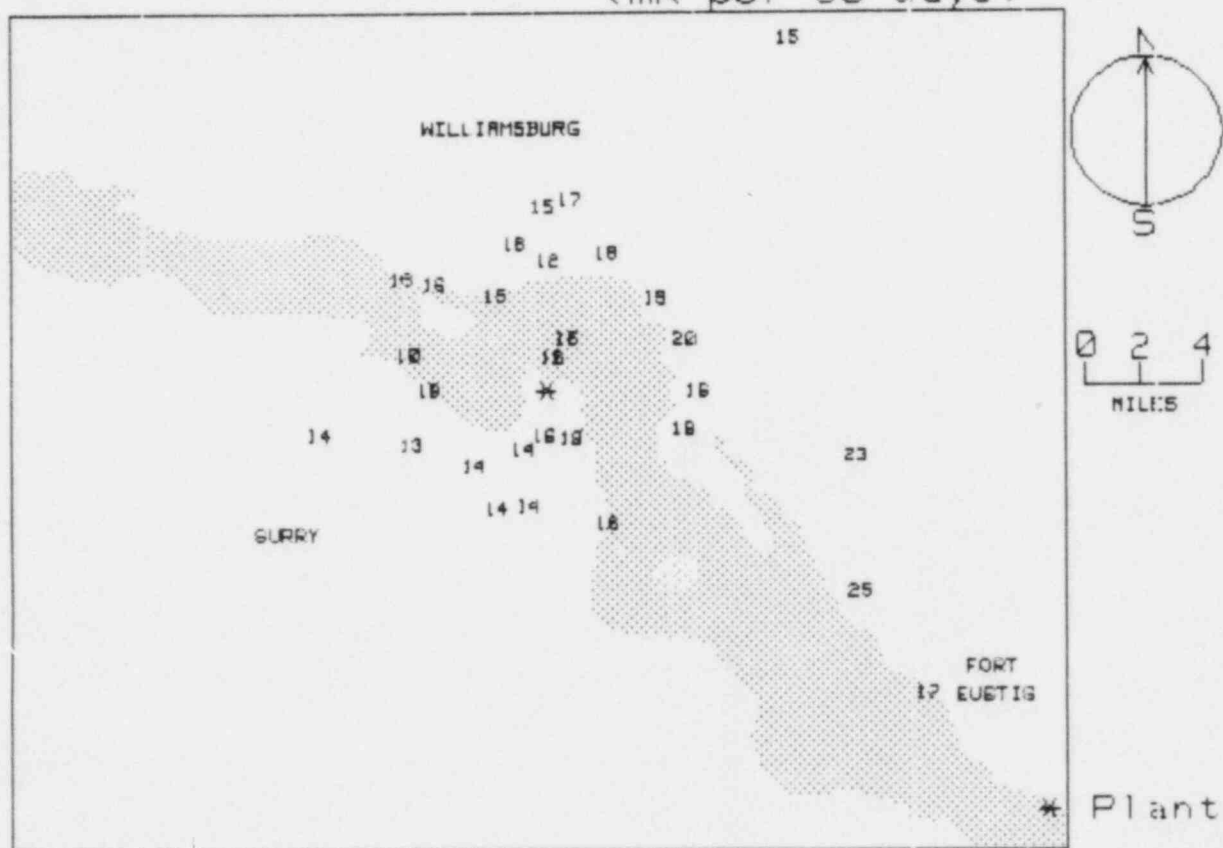


SUSQUEHANNA
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851219-860402 105 DAYS
 FIELD TIME 79 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std.Qtr. + Rdm	Tot.
001	19	1.4	16.2	+- .5	16.9	+- .6
002	0	1.4	16.2	+- .5	17.0	+- .6
003	333	1.7	15.0	+- .5	15.6	+- .6
004	318	1.7	15.0	+- .4	15.5	+- .6
005	287	1.7	17.3	+- .5	18.2	+- .6
006	270	1.3	16.2	+- .5	17.0	+- .6
007	239	1.8	15.9	+- .5	16.6	+- .6
008	217	2	18.5	+- .5	19.6	+- .7
009	200	1.4	16.0	+- .5	17.0	+- .6
010	175	1.2	14.5	+- .4	15.0	+- .6
011	243	5.1	16.7	+- .5	17.5	+- .6
012	252	4.7	15.6	+- .5	16.0	+- .6
013	274	3.4	18.2	+- .5	19.2	+- .7
014	286	3.6	17.5	+- .5	18.4	+- .7
015	2	3.8	17.1	+- .5	18.0	+- .7
016	334	4.1	16.0	+- .5	17.1	+- .7
017	312	4.4	15.6	+- .5	16.2	+- .7
018	32	4.9	17.0	+- .5	18.7	+- .7
019	45	9.9	16.4	+- .5	17.1	+- .7
020	65	4.8	17.0	+- .5	17.9	+- .7
021	44	3.1	18.0	+- .5	19.0	+- .7
022	47	.7	15.6	+- .5	16.0	+- .6
023	65	1.2	15.1	+- .5	15.7	+- .6
024	87	1.4	17.1	+- .5	18.0	+- .6
025	100	1.4	16.1	+- .5	16.0	+- .6
026	137	1.5	16.0	+- .5	17.6	+- .6
027	152	1.5	17.9	+- .5	18.0	+- .6
028	108	3.7	17.4	+- .5	18.0	+- .7
029	102	4.3	17.0	+- .5	18.0	+- .7
030	140	4.3	17.3	+- .5	18.2	+- .7
031	162	3.4	19.0	+- .5	20.2	+- .7
032	176	3.5	16.6	+- .5	17.4	+- .6
033	192	3.1	18.5	+- .5	19.5	+- .7
034	231	4.4	16.6	+- .5	17.4	+- .6
035	134	12.	16.2	+- .5	17.0	+- .6
036	114	13.	17.7	+- .5	18.6	+- .7
037	150	15.	15.6	+- .5	16.0	+- .6

TRANSIT DOSE = 1.3 +- .2 ; 3.7

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



SUSQUEHANNA
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851219-860402 105 DAYS
FIELD TIME 79 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+/-	Rdm;Tot.	mR/Std.Qtr.	+/- Rdm;Tot.
001	19	1.4	16.2	+- .5	2.4	16.9 +- .6
002	0	1.4	16.2	+- .5	2.4	17.0 +- .6
003	333	1.7	15.0	+- .5	2.3	15.6 +- .6
004	318	1.7	15.0	+- .4	2.2	15.5 +- .6
005	287	1.7	17.3	+- .5	2.6	18.2 +- .6
006	270	1.3	16.2	+- .5	2.4	17.0 +- .6
007	239	1.8	15.9	+- .5	2.4	16.6 +- .6
008	217	2	18.5	+- .5	2.8	19.6 +- .7
009	200	1.4	16.0	+- .5	2.5	17.6 +- .6
010	175	1.2	14.5	+- .4	2.2	15.0 +- .6
011	243	5.1	16.7	+- .5	2.5	17.5 +- .6
012	252	4.7	15.6	+- .5	2.3	16.3 +- .6
013	274	3.4	18.2	+- .5	2.7	19.2 +- .7
014	286	3.6	17.5	+- .5	2.6	18.4 +- .7
015	2	3.8	17.1	+- .5	2.6	18.0 +- .6
016	334	4.1	16.3	+- .5	2.4	17.1 +- .6
017	312	4.4	15.6	+- .5	2.3	16.2 +- .6
018	32	4.9	17.0	+- .5	2.7	18.7 +- .7
019	45	9.9	16.4	+- .5	2.5	17.1 +- .6
020	65	4.8	17.0	+- .5	2.6	17.9 +- .6
021	44	3.1	18.0	+- .5	2.7	19.0 +- .7
022	47	.7	15.6	+- .5	2.3	16.3 +- .6
023	65	1.2	15.1	+- .5	2.3	15.7 +- .6
024	87	1.4	17.1	+- .5	2.6	18.0 +- .6
025	100	1.4	16.1	+- .5	2.4	16.0 +- .6
026	137	1.5	16.0	+- .5	2.5	17.6 +- .6
027	152	1.5	17.9	+- .5	2.7	18.0 +- .6
028	100	3.7	17.4	+- .5	2.7	18.3 +- .7
029	102	4.3	17.0	+- .5	2.7	18.0 +- .7
030	140	4.3	17.3	+- .5	2.6	18.3 +- .6
031	162	3.4	19.0	+- .5	2.9	20.3 +- .7
032	176	3.5	16.6	+- .5	2.5	17.4 +- .6
033	192	3.1	18.5	+- .5	2.8	19.5 +- .7
034	231	4.4	16.6	+- .5	2.5	17.4 +- .6
035	134	12.	16.2	+- .5	2.4	17.0 +- .6
036	114	13.	17.7	+- .5	2.6	18.6 +- .7
037	150	15.	15.6	+- .5	2.3	16.3 +- .6

TRANSIT DOSE = 1.3 +- .2 ; 3.7

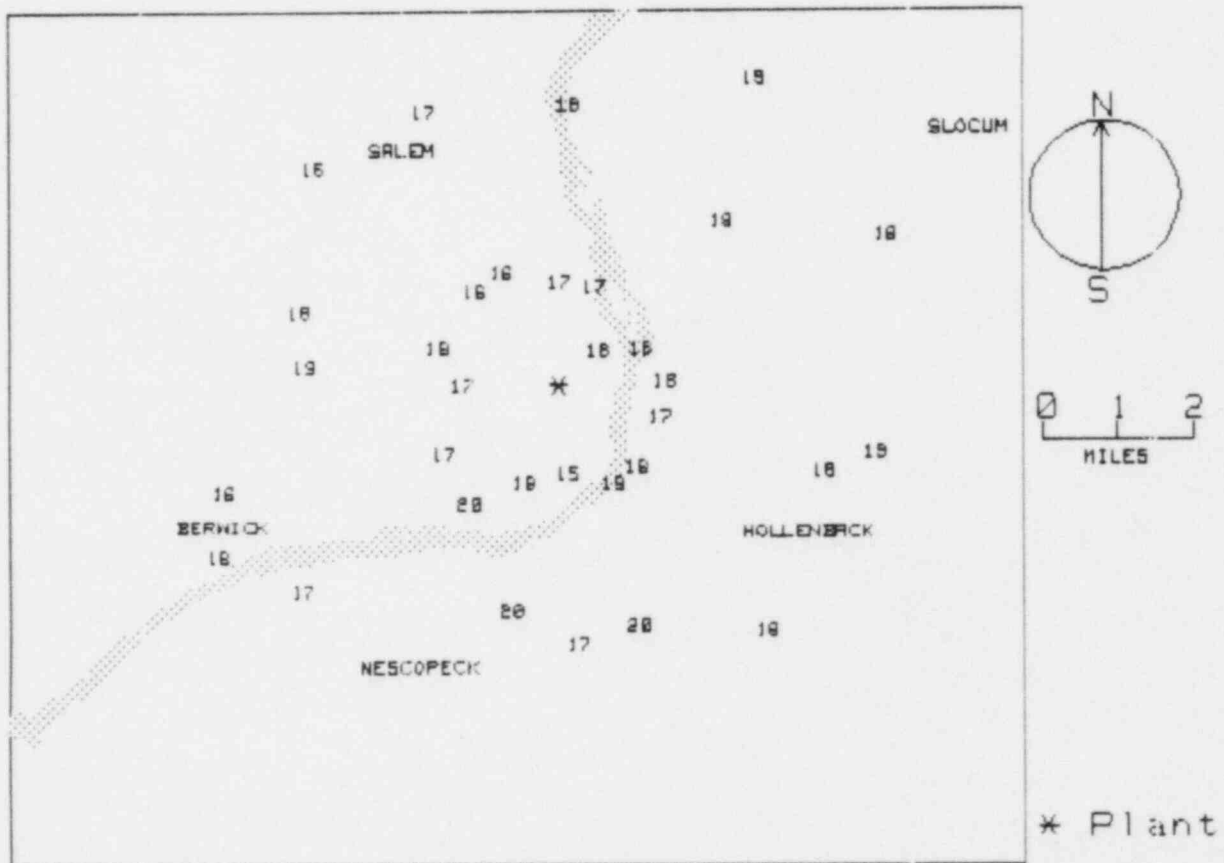
SUSQUEHANNA
FOR THE PERIOD 851219-860402

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.5 $\pm$.7	2
11.25-33.75 (NNE)	17.8 $\pm$ 1.3	2
33.75-56.25 (NE)	17.5 $\pm$ 1.4	3
56.25-78.75 (ENE)	16.8 $\pm$ 1.5	2
78.75-101.25 (E)	18.0 $\pm$ 0.0	1
101.25-123.75 (ESE)	17.8 $\pm$ 1.0	3
123.75-146.25 (SE)	17.9 $\pm$.4	2
146.25-168.75 (SSE)	19.5 $\pm$.8	2
168.75-191.25 (S)	16.2 $\pm$ 1.7	2
191.25-213.75 (SSW)	18.6 $\pm$ 1.4	2
213.75-236.25 (SW)	18.5 $\pm$ 1.5	2
236.25-258.75 (WSW)	16.8 $\pm$.6	3
258.75-281.25 (W)	18.1 $\pm$ 1.6	2
281.25-303.75 (WNW)	18.3 $\pm$.2	2
303.75-326.25 (NW)	15.9 $\pm$.5	2
326.25-348.75 (NNW)	16.3 $\pm$ 1.0	2

DISTANCE (mi.) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.0 $\pm$ 1.3	16
2-5	18.2 $\pm$ 1.1	16
>5	17.3 $\pm$.3	2
UPWIND CONTROL DATA	17.3 $\pm$ 1.2	3

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



THREE MILE ISLAND
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851219-860402 105 DAYS
FIELD TIME 88 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	95 5.9	16.0 +- .5	16.1 +- .5
002	101 3.9	18.6 +- .6	18.7 +- .6
003	109 2.7	15.4 +- .5	15.4 +- .5
004	163 1.8	15.6 +- .5	15.7 +- .5
005	161 2.2	14.5 +- .4	14.5 +- .4
006	150 1	16.8 +- .5	16.8 +- .5
007	136 .6	14.1 +- .4	14.1 +- .4
008	83 .4	15.4 +- .5	15.5 +- .5
009	60 .5	15.9 +- .5	15.9 +- .5
010	1 1.7	15.0 +- .5	15.1 +- .5
011	25 .9	15.4 +- .5	15.5 +- .5
012	46 2.0	15.5 +- .5	15.5 +- .5
013	19 2.0	15.7 +- .5	15.8 +- .5
014	358 2.5	15.1 +- .5	15.1 +- .5
015	133 9.0	19.7 +- .6	19.8 +- .6
016	0 3.1	15.1 +- .5	15.2 +- .5
018	349 3.5	17.9 +- .5	18.0 +- .5
019	343 2.2	16.5 +- .5	16.6 +- .5
020	318 5	15.2 +- .5	15.2 +- .5
021	348 1.3	12.6 +- .4	12.6 +- .4
022	17 2.1	16.1 +- .5	16.1 +- .5
023	64 2.0	13.5 +- .4	13.5 +- .4
024	44 3.6	17.1 +- .5	17.2 +- .5
025	335 6.5	MISSING OR DAMAGED DOSIMETER	
027	006 7.4	19.6 +- .6	19.7 +- .6
029	293 0.4	MISSING OR DAMAGED DOSIMETER	
030	317 1.3	MISSING OR DAMAGED DOSIMETER	
031	366 9.6	13.5 +- .4	13.5 +- .5
032	297 7.4	17.1 +- .5	17.2 +- .5
033	301 5.9	13.8 +- .4	13.8 +- .5
034	267 2.0	16.1 +- .5	16.2 +- .5
035	299 1.0	16.6 +- .5	16.6 +- .5
036	267 1.2	13.3 +- .4	13.3 +- .5
037	256 1.4	13.3 +- .4	13.3 +- .5
038	225 1.9	16.3 +- .5	16.3 +- .5
039	200 2.1	12.9 +- .4	12.9 +- .5
040	204 2.5	15.0 +- .4	15.0 +- .5
041	185 13.	16.0 +- .5	16.0 +- .5
042	259 7.3	15.9 +- .5	15.9 +- .5
043	268 5.0	19.0 +- .6	19.2 +- .6
044	263 4.7	15.1 +- .5	15.2 +- .5
045	230 0.5	MISSING OR DAMAGED DOSIMETER	
046	177 3	14.8 +- .4	14.9 +- .5
047	177 5.7	15.9 +- .5	15.9 +- .5
048	182 9	20.6 +- .6	20.8 +- .7
049	206 0.9	MISSING OR DAMAGED DOSIMETER	
050	145 4.9	15.5 +- .5	15.5 +- .5
TRANSIT DOSE = .3 +- .2 ; 3.7			

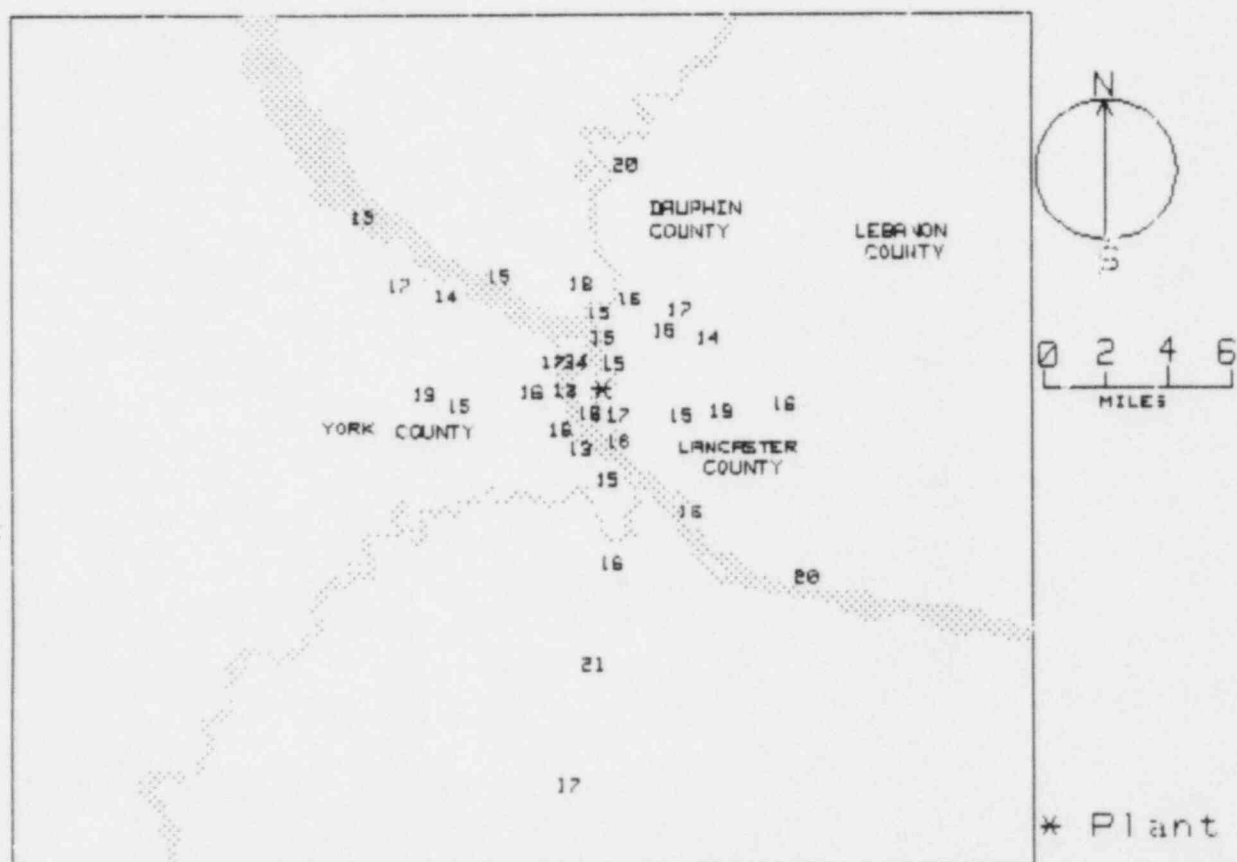
THREE MILE ISLAND
FOR THE PERIOD 851219-860402

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.6 $\pm$ 2.1	5
11.25-33.75 (NNE)	15.8 $\pm$.3	3
33.75-56.25 (NE)	16.3 $\pm$ 1.2	2
56.25-78.75 (ENE)	14.7 $\pm$ 1.7	2
78.75-101.25 (E)	16.8 $\pm$ 1.7	3
101.25-123.75 (ESE)	15.4 $\pm$ 0.0	1
123.75-146.25 (SE)	16.5 $\pm$ 3.0	3
146.25-168.75 (SSE)	15.7 $\pm$ 1.2	3
168.75-191.25 (S)	17.1 $\pm$ 2.6	4
191.25-213.75 (SSW)	13.8 $\pm$ 1.5	2
213.75-236.25 (SW)	16.3 $\pm$ 0.0	1
236.25-258.75 (WSW)	NO DATA $\pm$ NO DATA	0
258.75-281.25 (W)	16.6 $\pm$ 1.8	4
281.25-303.75 (WNW)	15.5 $\pm$ 2.4	2
303.75-326.25 (NW)	14.3 $\pm$ 1.2	2
326.25-348.75 (NNW)	14.6 $\pm$ 2.9	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.3 $\pm$ 1.3	9
2-5	15.6 $\pm$ 1.4	18
>5	17.0 $\pm$ 2.4	12
UPWIND CONTROL DATA	14.4 $\pm$ 1.9	3

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



TROJAN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860417 123 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std. Qtr. +/- Rdm; Tot.			
001	340	0.6	15.7	+- .5	2.3	12.9	+- .5	5.0
002	334	1.5	18.1	+- .5	2.7	15.3	+- .6	5.2
003	340	1.7	15.4	+- .5	2.3	12.7	+- .5	5.0
004	328	3.9	17.1	+- .5	2.6	14.3	+- .6	5.1
005	388	4.6	17.9	+- .5	2.7	15.1	+- .6	5.2
006	312	4.5	18.4	+- .6	2.8	15.6	+- .6	5.2
007	267	4.6	16.7	+- .5	2.5	13.9	+- .6	5.1
008	274	3.8	19.7	+- .5	2.9	16.8	+- .6	5.3
009	279	1.7	18.2	+- .5	2.7	15.4	+- .6	5.2
010	263	2.0	18.8	+- .6	2.8	15.9	+- .6	5.3
011	245	1.6	20.2	+- .6	3.0	17.3	+- .7	5.4
012	223	1.2	19.0	+- .6	2.8	16.1	+- .6	5.3
013	196	1.1	19.7	+- .6	2.9	16.8	+- .6	5.3
014	188	1.2	17.0	+- .5	2.5	14.2	+- .6	5.1
015	165	1.7	17.4	+- .5	2.6	14.6	+- .6	5.2
016	212	0.9	19.4	+- .6	2.9	16.5	+- .6	5.3
017	230	0.5	18.5	+- .6	2.8	15.7	+- .6	5.2
018	162	0.3	19.0	+- .6	2.8	16.1	+- .6	5.3
019	172	0.6	19.4	+- .6	2.9	16.6	+- .6	5.3
020	334	0.0	20.2	+- .6	3.0	17.4	+- .7	5.4
021	345	0.0	17.2	+- .5	2.5	14.4	+- .6	5.2
022	356	0.0	15.7	+- .5	2.3	12.9	+- .5	5.0
023	8	0.3	16.0	+- .5	2.4	13.3	+- .6	5.1
024	15	0.7	16.8	+- .5	2.5	14.0	+- .6	5.1
025	27	1.9	15.6	+- .5	2.3	12.9	+- .5	5.0
026	37	2.1	18.0	+- .6	2.8	15.9	+- .6	5.3
027	60	4.9	18.5	+- .6	2.9	15.7	+- .6	5.3
028	55	4.8	17.9	+- .6	2.7	15.1	+- .6	5.2
029	69	1.1	17.0	+- .6	2.5	14.2	+- .6	5.1
030	83	0.9	16.6	+- .6	2.5	13.8	+- .6	5.1
031	93	2.7	19.5	+- .6	2.9	16.7	+- .6	5.3
032	119	2.2	18.2	+- .6	2.7	15.4	+- .6	5.2
033	186	0.3	21.3	+- .6	3.2	18.4	+- .7	5.5
034	134	2.5	16.2	+- .5	2.4	13.4	+- .6	5.1
035	145	4.7	15.9	+- .5	2.4	13.1	+- .6	5.1
036	270	17.	20.0	+- .6	3.0	17.1	+- .7	5.4
037	270	17.	21.6	+- .6	3.2	18.7	+- .7	5.5
038	270	17.	19.9	+- .6	3.0	17.1	+- .7	5.4

TRANSIT DOSE = 2.5 +- .3 ; 4.6

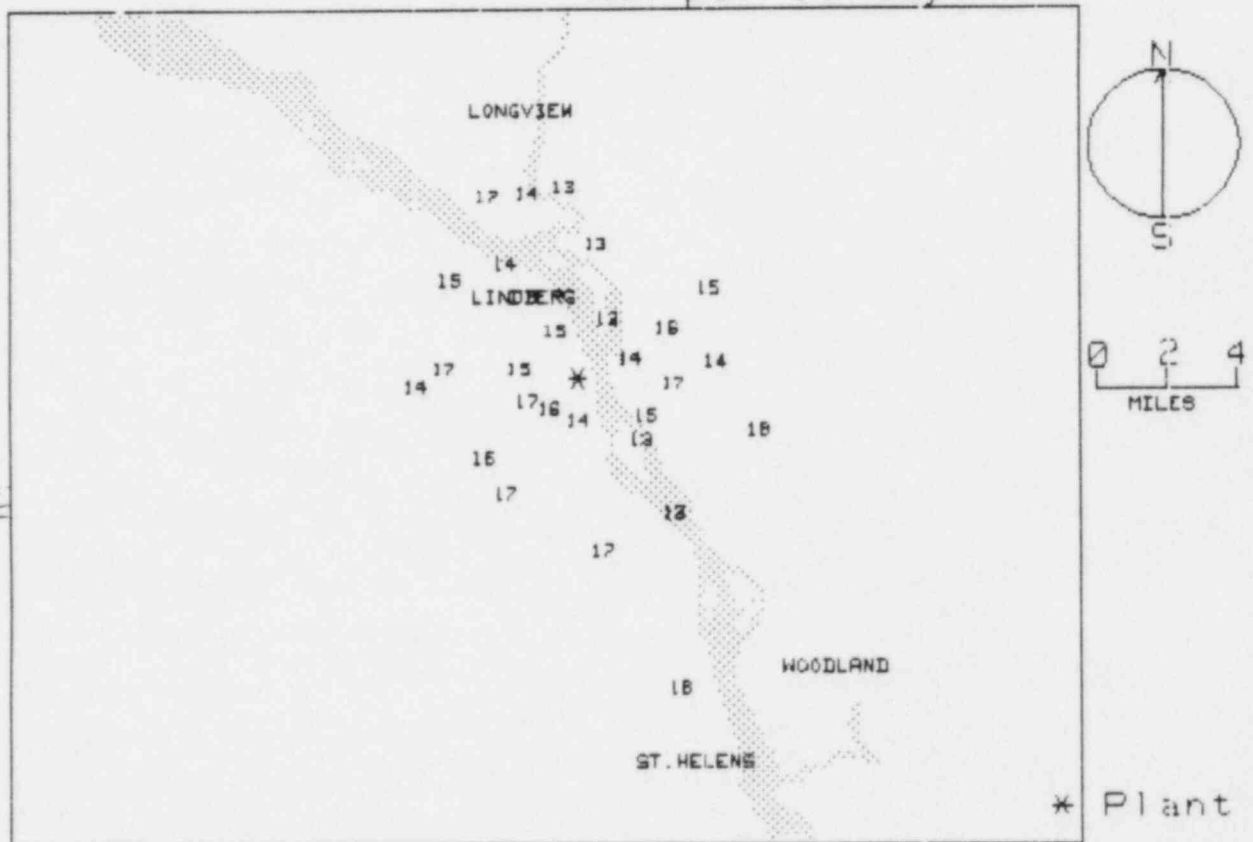
TROJAN
FOR THE PERIOD 851216-860417

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.1 $\pm$.2	2
11.25-33.75 (NNE)	13.5 $\pm$.8	2
33.75-56.25 (NE)	15.5 $\pm$.6	2
56.25-78.75 (ENE)	15.0 $\pm$ 1.0	2
78.75-101.25 (E)	15.3 $\pm$ 2.0	2
101.25-123.75 (ESE)	16.9 $\pm$ 2.1	2
123.75-146.25 (SE)	13.3 $\pm$.2	2
146.25-168.75 (SSE)	15.4 $\pm$ 1.1	2
168.75-191.25 (S)	15.4 $\pm$ 1.7	2
191.25-213.75 (SSW)	16.7 $\pm$.2	2
213.75-236.25 (SW)	15.9 $\pm$.3	2
236.25-258.75 (WSW)	17.3 $\pm$ 0.0	1
258.75-281.25 (W)	15.5 $\pm$ 1.2	4
281.25-303.75 (WNW)	NO DATA $\pm$ NO DATA	0
303.75-326.25 (NW)	15.3 $\pm$.4	2
326.25-348.75 (NNW)	14.5 $\pm$ 1.7	6

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.9 $\pm$ 1.6	12
2-5	15.1 $\pm$ 1.2	18
>5	15.8 $\pm$ 2.2	5
UPWIND CONTROL DATA	17.6 $\pm$.9	3

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



TURKEY POINT
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851218-860415 119 DAYS
 FIELD TIME 84 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	310	1.3	13.5 +- .4	2.0	9.8 +- .6	5.7
002	292	2.4	14.1 +- .4	2.1	10.5 +- .6	5.7
003	340	1.9	12.8 +- .4	1.9	9.1 +- .5	5.6
004	354	2.0	13.2 +- .4	2.0	9.5 +- .6	5.7
005	314	3.8	13.4 +- .4	2.0	9.7 +- .6	5.7
006	331	4.2	12.7 +- .4	1.9	9.0 +- .5	5.6
007	291	5.4	14.2 +- .4	2.1	10.5 +- .6	5.7
008	263	5.1	MISSING OR DAMAGED DOSIMETER			
009	242	5.7	13.1 +- .4	2.0	9.4 +- .6	5.6
010	234	6.2	15.5 +- .5	2.3	11.9 +- .6	5.8
011	220	6.2	15.3 +- .5	2.3	11.7 +- .6	5.8
012	213	6.9	14.6 +- .4	2.2	11.0 +- .6	5.7
013	199	10.	13.1 +- .4	2.0	9.4 +- .6	5.6
014	190	10.	MISSING OR DAMAGED DOSIMETER			
015	180	10.	15.6 +- .5	2.3	12.0 +- .6	5.8
016	171	10.	15.5 +- .5	2.3	11.9 +- .6	5.8
017	165	9.0	14.5 +- .4	2.2	10.9 +- .6	5.7
018	203	16.	14.2 +- .4	2.1	10.6 +- .6	5.7
019	203	16.	13.8 +- .4	2.1	10.2 +- .6	5.7
020	203	16.	14.9 +- .4	2.2	11.3 +- .6	5.8
021	268	8.7	12.7 +- .4	1.9	9.0 +- .5	5.6
022	256	8.0	14.1 +- .4	2.1	10.5 +- .6	5.7
023	275	9.0	14.7 +- .4	2.2	11.1 +- .6	5.8
024	285	9.0	15.4 +- .5	2.3	11.9 +- .6	5.8
025	293	8.7	16.6 +- .5	2.5	13.2 +- .6	5.9
026	301	8.4	MISSING OR DAMAGED DOSIMETER			
027	311	8.3	14.8 +- .4	2.2	11.2 +- .6	5.8
028	327	8.2	15.5 +- .5	2.3	12.0 +- .6	5.8
029	339	9.3	14.8 +- .4	2.2	11.2 +- .6	5.8
030	350	8.7	MISSING OR DAMAGED DOSIMETER			
031	359	9.9	14.6 +- .4	2.2	11.0 +- .6	5.7
032	2 /	10.	MISSING OR DAMAGED DOSIMETER			
033	12	22.	15.1 +- .5	2.3	11.6 +- .6	5.8
034	18 /	24.	MISSING OR DAMAGED DOSIMETER			
035	28 /	22.	15.0 +- .5	2.3	11.4 +- .6	5.8
036	15	0.3	13.0 +- .4	2.0	9.3 +- .6	5.6
037	228	0.5	14.5 +- .4	2.2	10.9 +- .6	5.7

TRANSIT DOSE = 4.3 +- .3 ; 4.9

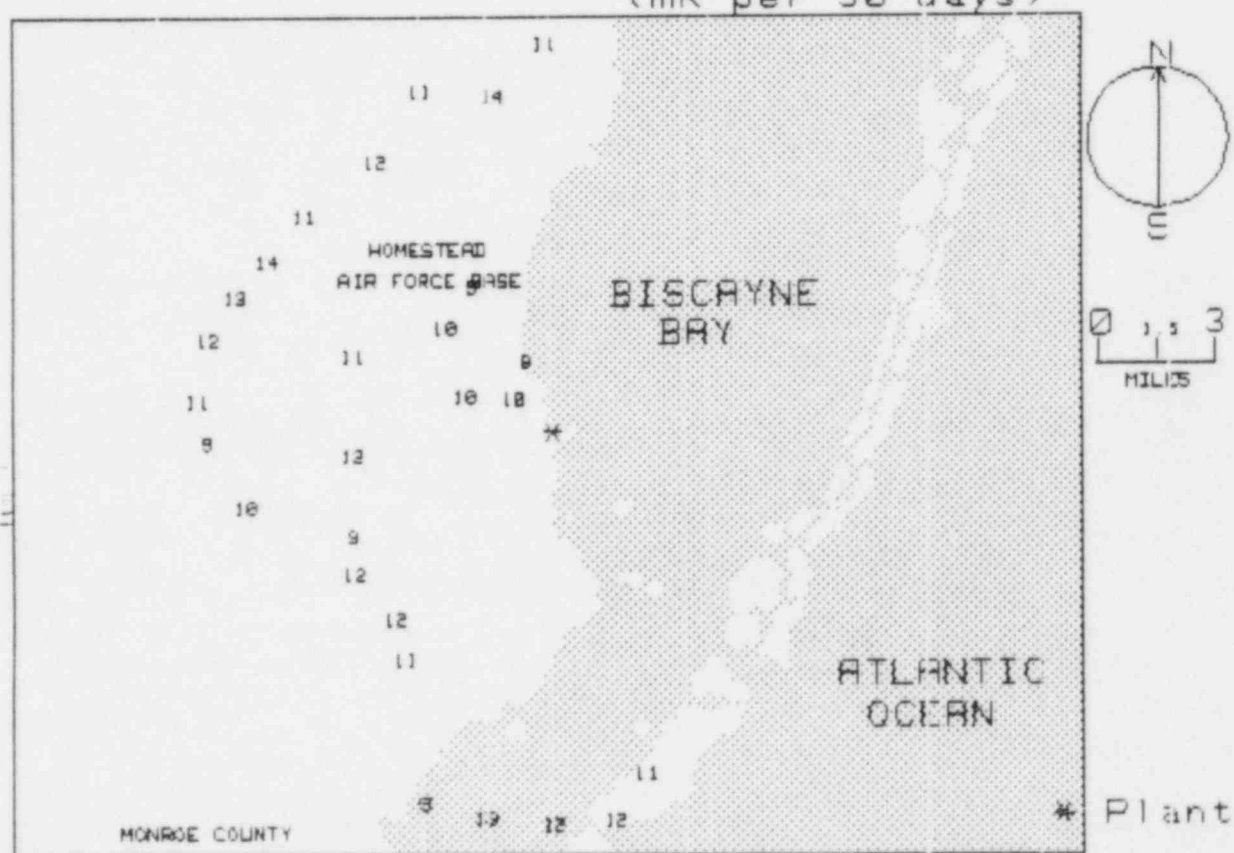
TURKEY POINT
FOR THE PERIOD 851218-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	10.3 $\pm$ 1.1	2
11.25-33.75 (NNE)	10.8 $\pm$ 1.3	3
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	10.8 $\pm$ 0.0	1
168.75-191.25 (S)	12.0 $\pm$.1	2
191.25-213.75 (SSW)	10.2 $\pm$ 1.2	2
213.75-236.25 (SW)	11.5 $\pm$.5	3
236.25-258.75 (WSW)	9.9 $\pm$.8	2
258.75-281.25 (W)	10.1 $\pm$ 1.5	2
281.25-303.75 (WNW)	11.5 $\pm$ 1.3	4
303.75-326.25 (NW)	10.2 $\pm$.8	3
326.25-348.75 (NNW)	10.3 $\pm$ 1.5	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	9.7 $\pm$.7	5
2-5	9.7 $\pm$.8	3
>5	11.1 $\pm$ 1.0	20
UPWIND CONTROL DATA	10.7 $\pm$.6	3

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



VERMONT YANKEE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851218-860429 133 DAYS
FIELD TIME 109 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std. Qtr. +/- Rdm; Tot.		
001	142	1.	18.4	+- .6	14.2	+- .5	4.6
002	158	1	20.4	+- .6	15.8	+- .6	4.8
003	184	1.3	19.4	+- .6	15.0	+- .5	4.7
004	201	1.4	19.8	+- .6	15.4	+- .6	4.7
005	220	1.6	20.0	+- .6	15.5	+- .6	4.7
006	157	3.4	18.8	+- .6	14.5	+- .5	4.7
007	189	4.9	19.6	+- .6	15.2	+- .5	4.7
008	201	13.	19.2	+- .6	14.9	+- .5	4.7
009	208	5.8	19.7	+- .6	15.3	+- .5	4.7
010	232	3.7	20.7	+- .6	16.1	+- .6	4.8
011	277	2.9	20.1	+- .6	15.6	+- .6	4.7
012	292	1.4	19.7	+- .6	15.2	+- .5	4.7
013	314	1.4	18.8	+- .6	14.5	+- .5	4.7
014	310	4.2	20.8	+- .6	16.1	+- .6	4.8
015	299	4.3	20.5	+- .6	15.9	+- .6	4.8
016	270	4.5	17.7	+- .5	13.6	+- .5	4.6
017	331	5	20.4	+- .6	15.8	+- .6	4.8
018	290	19.	21.5	+- .6	16.8	+- .6	4.8
019	290	19.	19.8	+- .6	15.3	+- .6	4.7
020	290	19.	19.8	+- .6	15.3	+- .6	4.7
021	359	3.2	20.0	+- .6	15.5	+- .6	4.7
022	334	2.2	19.6	+- .6	15.1	+- .6	4.7
024	4	1.9	19.7	+- .6	15.2	+- .6	4.7
025	30	1	18.7	+- .6	14.4	+- .5	4.7
026	72	1.5	22.0	+- .7	17.2	+- .6	4.9
027	44	1.7	19.7	+- .6	15.6	+- .6	4.7
028	39	2.8	21.8	+- .7	17.8	+- .6	4.9
029	25	2.8	22.8	+- .7	17.8	+- .6	4.9
030	72	2.7	22.8	+- .7	17.8	+- .6	4.9
031	85	2.2	20.7	+- .6	16.1	+- .6	4.8
032	111	1.8	20.4	+- .6	15.8	+- .6	4.8
033	134	4	19.6	+- .6	15.2	+- .6	4.7
034	151	6	18.4	+- .6	14.2	+- .5	4.6
035	111	4.3	22.1	+- .7	17.6	+- .6	4.9
036	92	4.7	21.2	+- .6	16.5	+- .6	4.8
037	50	15	24.3	+- .7	19.1	+- .6	5.8
039	222	.3	22.7	+- .7	17.7	+- .6	4.9
040	250	3	19.4	+- .6	15.8	+- .6	4.7

TRANSIT DOSE = 1.2 +- .3 ; 4.9

VERMONT YANKEE
FOR THE PERIOD 851218-860429

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.4 $\pm$.2	2
11.25-33.75 (NNE)	16.1 $\pm$ 2.4	2
33.75-56.25 (NE)	19.1 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.8 $\pm$ 0.0	1
78.75-101.25 (E)	16.3 $\pm$.3	2
101.25-123.75 (ESE)	16.5 $\pm$ 1.0	2
123.75-146.25 (SE)	14.7 $\pm$.7	2
146.25-168.75 (SSE)	14.8 $\pm$.9	3
168.75-191.25 (S)	15.1 $\pm$.1	2
191.25-213.75 (SSW)	15.2 $\pm$.3	3
213.75-236.25 (SW)	16.4 $\pm$ 1.2	3
236.25-258.75 (WSW)	15.0 $\pm$ 0.0	1
258.75-281.25 (W)	14.6 $\pm$ 1.4	2
281.25-303.75 (WNW)	15.7 $\pm$.6	5
303.75-326.25 (NW)	15.3 $\pm$ 1.1	2
326.25-348.75 (NNW)	15.5 $\pm$.5	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.4 $\pm$.9	12
2-5	15.8 $\pm$ 1.1	16
>5	15.8 $\pm$ 1.6	7
UPWIND CONTROL DATA	16.5 $\pm$ 1.1	3

VOGTLE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860423 128 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot. MISSING OR DAMAGED DOSIMETER	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	298 1.6	19.0 +- .6	15.5 +- .6
002	309 1.6	19.2 +- .6	15.8 +- .6
003	336 1.4	19.7 +- .6	16.2 +- .6
004	270 1.3	18.9 +- .6	15.5 +- .6
005	247 1.2	22.5 +- .7	19.0 +- .7
006	215 1.2	19.2 +- .6	15.7 +- .6
007	205 1.2	20.7 +- .6	17.2 +- .6
008	180 1.1	19.1 +- .6	15.6 +- .6
009	153 1.2	21.1 +- .6	17.6 +- .6
010	134 1.3	16.9 +- .6	13.5 +- .6
011	103 1.1	19.3 +- .6	15.9 +- .6
012	134 3.3	20.2 +- .6	16.8 +- .6
013	123 4.4	21.1 +- .6	17.6 +- .6
014	141 4.4	17.5 +- .6	14.1 +- .6
015	153 5.5	20.5 +- .6	17.0 +- .6
016	162 6.6	21.9 +- .7	18.4 +- .7
017	157 7.7	18.8 +- .6	15.3 +- .6
018	191 4.4	16.5 +- .6	13.1 +- .6
019	208 4.4	18.3 +- .6	15.0 +- .6
020	232 4.4	19.0 +- .6	15.6 +- .6
021	250 5.5	18.6 +- .6	15.2 +- .6
022	264 4.4	19.0 +- .6	15.6 +- .6
023	301 4.4	19.7 +- .6	16.3 +- .6
024	308 4.4	22.7 +- .7	19.2 +- .7
025	329 6.6	19.8 +- .6	16.4 +- .6
026	358 10.7	18.9 +- .6	15.7 +- .6
027	368 10.8	18.9 +- .6	15.7 +- .6
028	338 10.8	18.9 +- .6	15.7 +- .6
031	335 7.7	17.1 +- .6	14.1 +- .6
032	26 4.4	18.3 +- .6	15.0 +- .6
033	17 4.4	20.3 +- .6	16.8 +- .6
034	36 4.4	19.4 +- .6	15.9 +- .6
035	48 4.4	19.0 +- .6	15.5 +- .6
036	69 4.4	19.4 +- .6	15.9 +- .6
037	74 4.4	19.1 +- .6	15.6 +- .6
038	94 4.4		
TRANSIT DOSE = 3.1 +- .3 ; 4.8			

VOGTLE
FOR THE PERIOD 851217-860423

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.6 $\pm$ 0.0	1
11.25-33.75 (NNE)	14.7 $\pm$.3	2
33.75-56.25 (NE)	18.4 $\pm$ 2.1	2
56.25-78.75 (ENE)	15.7 $\pm$.3	2
78.75-101.25 (E)	15.6 $\pm$ 0.0	1
101.25-123.75 (ESE)	15.2 $\pm$ 2.3	2
123.75-146.25 (SE)	17.0 $\pm$ 1.0	3
146.25-168.75 (SSE)	16.3 $\pm$ 1.0	4
168.75-191.25 (S)	16.3 $\pm$ 1.3	2
191.25-213.75 (SSW)	14.4 $\pm$ 1.0	2
213.75-236.25 (SW)	16.9 $\pm$ 2.9	2
236.25-258.75 (WSW)	15.5 $\pm$.0	2
258.75-281.25 (W)	15.7 $\pm$.8	2
281.25-303.75 (WNW)	15.6 $\pm$ 0.0	1
303.75-326.25 (NW)	15.2 $\pm$.6	2
326.25-348.75 (NNW)	16.0 $\pm$.3	2

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.2 $\pm$ 1.5	10
2-5	15.8 $\pm$ 1.5	16
>5	16.5 $\pm$ 1.5	6
UPWIND CONTROL DATA	17.0 $\pm$ 1.9	3

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/std.Qtr. +- Rdm; Tot.
001	174 12.	22.8 +- .7	17.2 +- .8
002	163 11.	22.0 +- .7	16.4 +- .8
003	161 9.0	20.9 +- .6	15.3 +- .7
004	152 5.0	21.9 +- .7	16.3 +- .8
005	195 2.0	22.9 +- .7	17.3 +- .8
006	220 1.5	22.0 +- .7	16.4 +- .8
007	92 3.0	22.7 +- .7	17.1 +- .8
008	155 1.0	20.3 +- .6	14.7 +- .7
009	130 0.5	22.3 +- .7	16.7 +- .8
010	70 0.5	21.6 +- .6	16.0 +- .7
011	25 0.0	22.6 +- .7	17.0 +- .8
012	315 0.0	22.5 +- .7	16.9 +- .8
013	290 0.0	23.6 +- .8	20.0 +- .9
014	270 0.0	22.8 +- .7	17.2 +- .8
015	245 1.0	22.6 +- .7	17.0 +- .8
016	205 3.0	23.0 +- .7	18.2 +- .8
017	240 4.0	21.2 +- .6	15.6 +- .7
018	190 7.0	20.9 +- .6	15.3 +- .7
019	170 8.5	22.9 +- .7	17.3 +- .8
020	150 20.	22.0 +- .7	16.4 +- .8
021	114 7.0	22.7 +- .7	17.1 +- .8
022	120 0.0	22.1 +- .7	16.5 +- .8
023	134 0.0	23.7 +- .7	18.1 +- .8
024	110 4.0	23.2 +- .8	19.5 +- .8
025	85 5.0	22.9 +- .7	17.3 +- .8
026	65 5.0	24.1 +- .7	18.5 +- .8
027	53 4.0	22.1 +- .7	16.5 +- .8
028	44 0.0	23.9 +- .7	18.3 +- .8
029	33 10.	MISSING OR DAMAGED DOSIMETER	
030	0 9.5	25.6 +- .8	19.9 +- .8
031	215 15.	21.3 +- .6	15.7 +- .7
TRANSIT DOSE = 5.4 +- .4 ; 5.5			

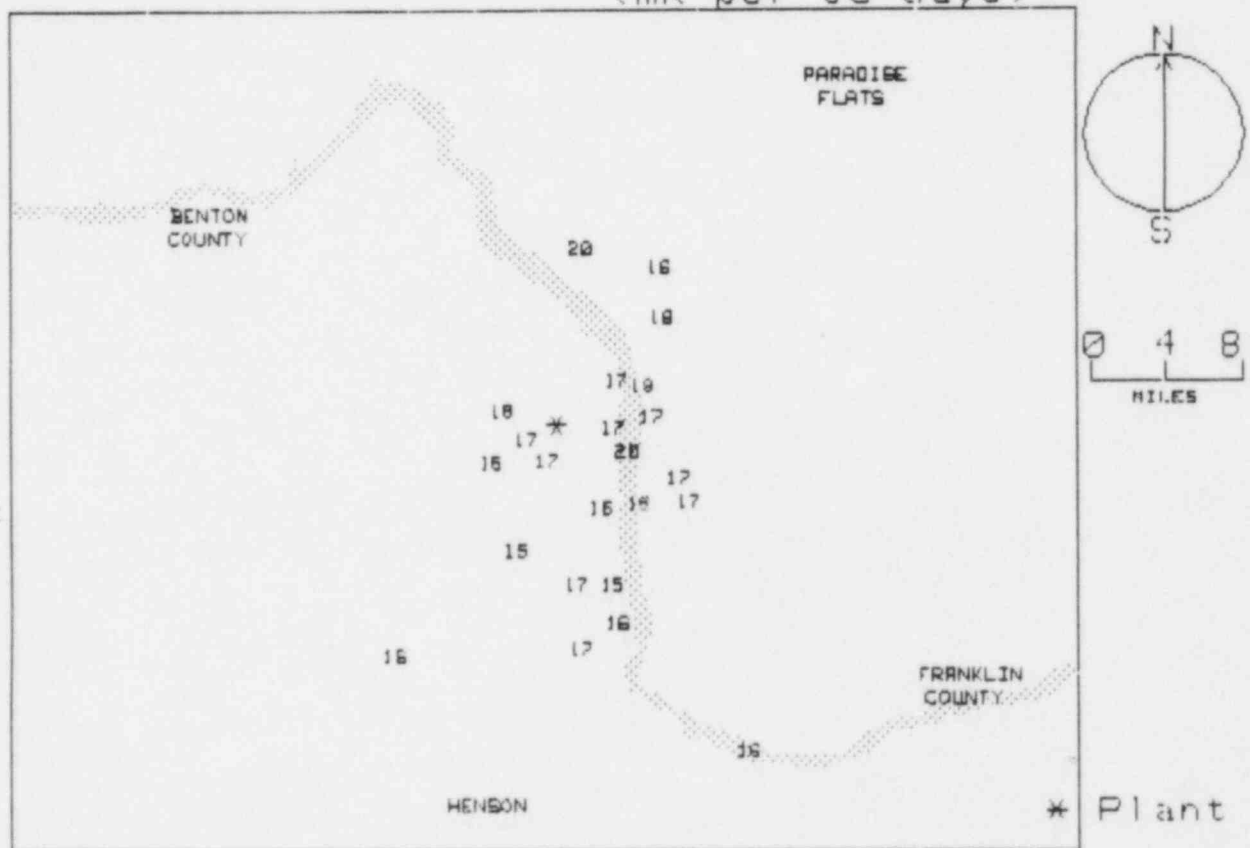
WASHINGTON NUCLEAR 2
FOR THE PERIOD 851216-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	19.9 $\pm$ 0.0	1
11.25-33.75 (NNE)	17.0 $\pm$ 0.0	1
33.75-56.25 (NE)	17.4 $\pm$ 1.3	2
56.25-78.75 (ENE)	17.2 $\pm$ 1.8	2
78.75-101.25 (E)	17.2 $\pm$.1	2
101.25-123.75 (ESE)	17.7 $\pm$ 1.6	3
123.75-146.25 (SE)	17.4 $\pm$ 1.0	2
146.25-168.75 (SSE)	15.8 $\pm$.8	5
168.75-191.25 (S)	17.3 $\pm$ 0.0	1
191.25-213.75 (SSW)	16.3 $\pm$ 1.4	2
213.75-236.25 (SW)	16.4 $\pm$ 0.0	1
236.25-258.75 (WSW)	16.3 $\pm$.9	2
258.75-281.25 (W)	17.2 $\pm$ 0.0	1
281.25-303.75 (WNW)	19.1 $\pm$ 1.3	2
303.75-326.25 (NW)	16.9 $\pm$ 0.0	1
326.25-348.75 (NNW)	NO DATA $\pm$ NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.9 $\pm$ 1.3	10
2-5	17.4 $\pm$ 1.3	8
>5	17.1 $\pm$ 1.4	10
UPWIND CONTROL DATA	16.4 $\pm$ 1.0	2

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



WATERFORD
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 851216-860328 103 DAYS
FIELD TIME 81 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.			
001	101	0.4	16.7	+- .5	2.5	16.6	+- .6	5.1
002	116	1.1	14.6	+- .4	2.2	14.2	+- .6	5.0
003	132	1.3	14.9	+- .4	2.2	14.6	+- .6	5.0
004	160	1.8	13.9	+- .4	2.1	13.5	+- .5	4.9
005	183	1.4	14.5	+- .4	2.2	14.2	+- .6	5.0
006	202	1.2	15.3	+- .5	2.3	15.0	+- .6	5.0
007	226	1.2	13.9	+- .4	2.1	13.5	+- .5	4.9
008	240	1.3	15.3	+- .5	2.3	15.1	+- .6	5.0
009	265	1.9	15.4	+- .5	2.3	15.2	+- .6	5.0
010	186	4.2	16.1	+- .5	2.4	15.9	+- .6	5.1
011	315	4.4	15.4	+- .5	2.3	15.2	+- .6	5.0
012	328	4.1	16.1	+- .5	2.4	15.9	+- .6	5.1
013	309	0.8	14.2	+- .4	2.1	13.8	+- .5	4.9
014	273	0.9	15.9	+- .5	2.4	15.7	+- .6	5.1
015	292	0.8	13.6	+- .4	2.0	13.2	+- .5	4.9
016	335	0.5	12.9	+- .4	1.9	12.4	+- .5	4.8
017	120	4.3	13.1	+- .4	2.0	12.6	+- .5	4.9
018	145	3.5	14.0	+- .4	2.1	13.6	+- .5	4.9
019	153	0.1	15.3	+- .5	2.3	15.0	+- .6	5.0
020	133	0.1	15.5	+- .5	2.3	15.3	+- .6	5.0
021	116	6.7	14.1	+- .4	2.1	13.7	+- .5	4.9
022	95	4.3	14.3	+- .4	2.1	13.9	+- .5	4.9
023	86	2.6	15.1	+- .5	2.3	14.9	+- .6	5.0
024	66	4.2	17.0	+- .5	2.6	17.0	+- .6	5.2
025	33	3.5	15.5	+- .5	2.3	15.2	+- .6	5.0
026	23	3.0	13.3	+- .4	2.0	12.8	+- .5	4.9
027	350	4.9	14.3	+- .4	2.1	14.0	+- .5	4.9
028	335	5.0	15.4	+- .5	2.3	15.1	+- .6	5.0
029	6	2.0	13.2	+- .4	2.0	12.7	+- .5	4.9
030	35	1.1	13.9	+- .4	2.1	13.5	+- .5	4.9
031	15	0.8	16.5	+- .5	2.5	16.4	+- .6	5.1
032	40	0.8	MISSING OR DAMAGED DOSIMETER					
033	69	1.1	17.0	+- .5	2.7	17.0	+- .7	5.2
034	292	15.	14.3	+- .4	2.1	13.9	+- .5	4.9
035	282	27.	16.0	+- .5	2.5	16.7	+- .6	5.2
036	260	21.	14.5	+- .4	2.2	14.1	+- .5	5.0

TRANSIT DOSE = 1.7 +- .3 ; 3.9

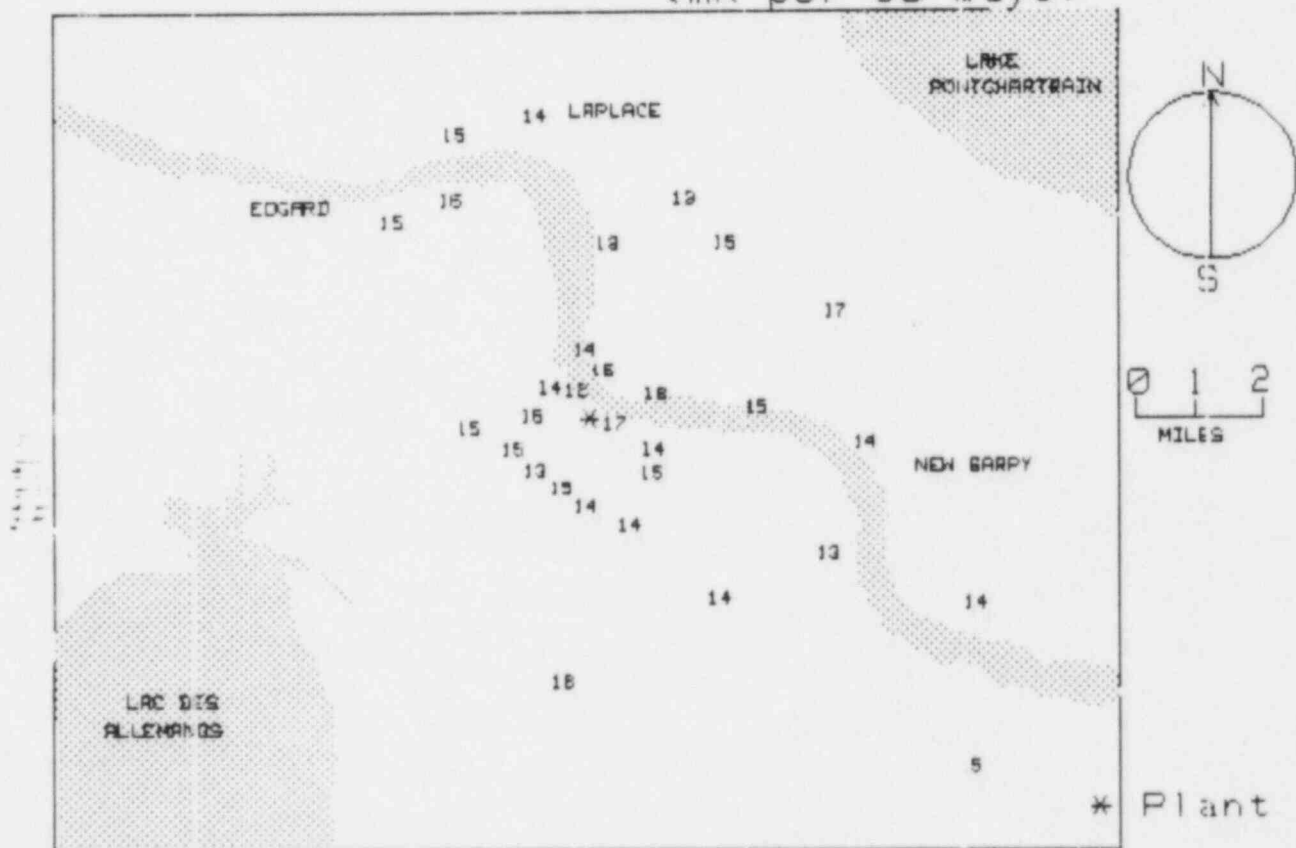
WATERFORD
FOR THE PERIOD 851216-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.4 $\pm$.8	3
11.25-33.75 (NNE)	14.8 $\pm$ 2.5	2
33.75-56.25 (NE)	15.2 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.4 $\pm$.8	2
78.75-101.25 (E)	15.1 $\pm$ 1.4	3
101.25-123.75 (ESE)	13.5 $\pm$.9	3
123.75-146.25 (SE)	14.5 $\pm$.9	3
146.25-168.75 (SSE)	14.3 $\pm$ 1.1	2
168.75-191.25 (S)	15.1 $\pm$ 1.2	2
191.25-213.75 (SSW)	15.0 $\pm$ 0.0	1
213.75-236.25 (SW)	13.5 $\pm$ 0.0	1
236.25-258.75 (WSW)	15.1 $\pm$ 0.0	1
258.75-281.25 (W)	15.4 $\pm$.4	2
281.25-303.75 (WNW)	13.2 $\pm$ 0.0	1
303.75-326.25 (NW)	14.5 $\pm$ 1.0	2
326.25-348.75 (NNW)	14.5 $\pm$ 1.9	3

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.7 $\pm$ 1.4	16
2-5	14.5 $\pm$ 1.4	13
>5	14.7 $\pm$.8	3
UPWIND CONTROL DATA	14.9 $\pm$ 1.5	3

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



WATTS BAR
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851217-860415 120 DAYS
 FIELD TIME 87 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	337	0.9	21.7	+- .6	17.6	+- .8
002	314	2.1	23.0	+- .7	19.0	+- .8
003	297	1.9	22.2	+- .7	18.1	+- .8
004	272	2.0	21.4	+- .6	17.3	+- .8
005	251	1.9	22.6	+- .7	18.6	+- .8
006	235	1.0	25.2	+- .8	21.2	+- .9
007	230	0.0	22.0	+- .7	18.0	+- .8
008	208	0.6	21.7	+- .7	17.7	+- .8
009	249	4.2	19.9	+- .6	15.8	+- .7
010	266	0.1	21.4	+- .6	17.3	+- .8
011	289	0.3	18.7	+- .6	14.5	+- .7
012	310	4.7	18.9	+- .6	14.7	+- .7
013	337	0.6	18.5	+- .6	14.4	+- .7
014	330	7.0	20.4	+- .6	16.3	+- .7
015	350	4.7	22.4	+- .7	18.4	+- .8
016	7	1.1	25.1	+- .8	21.2	+- .9
017	23	1.6	18.9	+- .6	14.0	+- .7
018	41	2.3	20.6	+- .6	16.5	+- .7
019	69	1.3	22.1	+- .7	18.1	+- .8
020	89	1.2	24.2	+- .7	20.3	+- .8
021	114	1.1	19.4	+- .6	15.0	+- .7
022	141	1.0	24.3	+- .7	20.4	+- .8
023	163	1.1	24.2	+- .7	20.3	+- .8
024	187	1.1	21.1	+- .6	17.0	+- .7
025	203	1.2	22.5	+- .7	18.5	+- .8
026	184	5.9	19.1	+- .6	15.0	+- .7
027	176	4.5	20.5	+- .6	16.4	+- .7
028	161	3.5	19.7	+- .6	15.5	+- .7
029	144	0.0	20.6	+- .6	16.5	+- .7
030	117	0.1	19.2	+- .6	15.1	+- .7
031	97	4.0	19.5	+- .6	15.3	+- .7
032	76	4.1	18.0	+- .6	13.0	+- .7
033	32	4.1	20.1	+- .6	16.0	+- .7
034	36	4.7	18.3	+- .6	14.1	+- .7
035	338	19	19.9	+- .6	15.0	+- .7
036	338	19	22.5	+- .7	18.5	+- .8
037	338	19	21.6	+- .6	17.0	+- .8

TRANSIT DOSE = 4.6 +- .4 ; 5.1

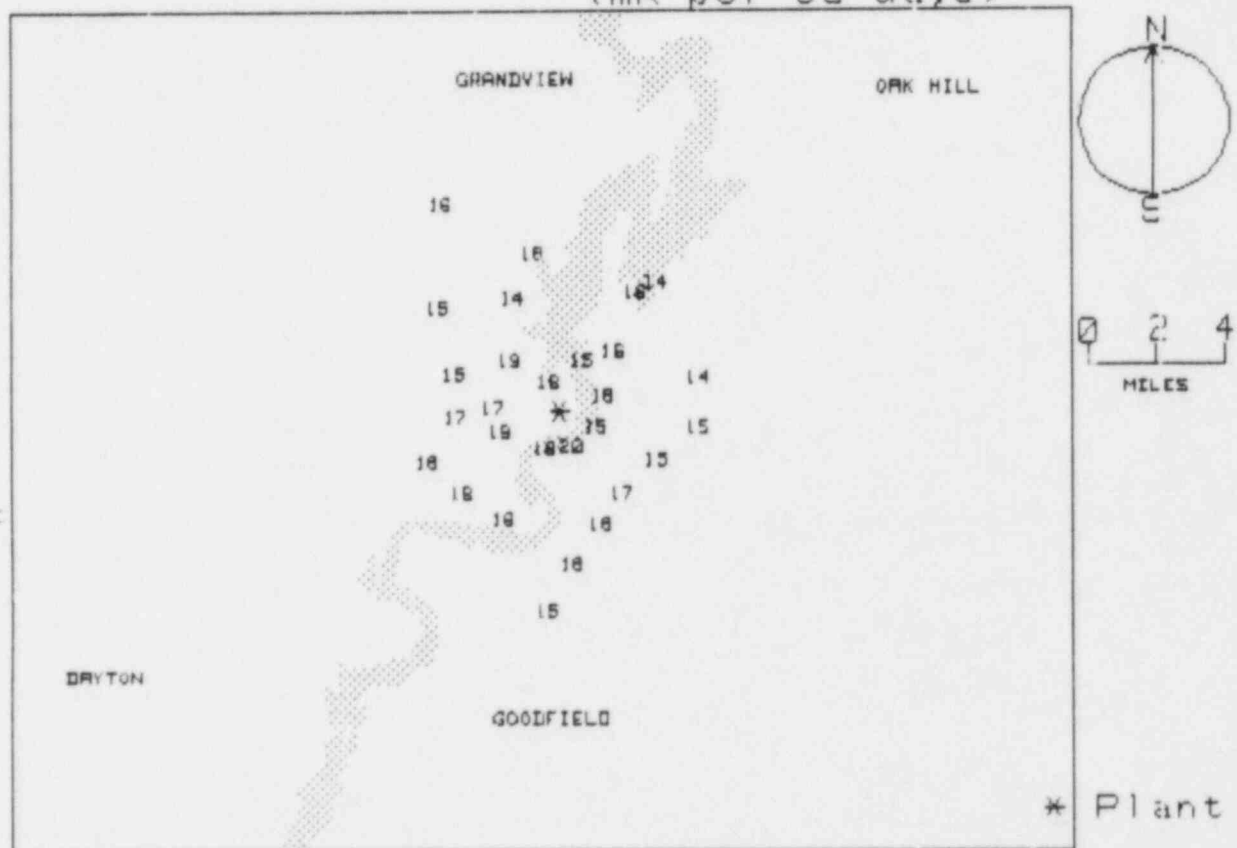
WATTS BAR
FOR THE PERIOD 851217-860415

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	19.8 $\pm$ 2.0	2
11.25-33.75 (NNE)	15.4 $\pm$.8	2
33.75-56.25 (NE)	15.3 $\pm$ 1.7	2
56.25-78.75 (ENE)	16.0 $\pm$ 3.0	2
78.75-101.25 (E)	17.8 $\pm$ 3.5	2
101.25-123.75 (ESE)	15.2 $\pm$.1	2
123.75-146.25 (SE)	18.4 $\pm$ 2.7	2
146.25-168.75 (SSE)	17.8 $\pm$ 3.3	2
168.75-191.25 (S)	16.1 $\pm$ 1.0	3
191.25-213.75 (SSW)	18.1 $\pm$.6	2
213.75-236.25 (SW)	19.6 $\pm$ 2.3	2
236.25-258.75 (WSW)	17.2 $\pm$ 2.0	2
258.75-281.25 (W)	17.3 $\pm$ 0.0	2
281.25-303.75 (WNW)	16.3 $\pm$ 2.6	2
303.75-326.25 (NW)	16.8 $\pm$ 3.0	2
326.25-348.75 (NNW)	16.1 $\pm$ 1.6	3

DISTANCE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.5 $\pm$ 2.0	14
2-5	16.1 $\pm$ 1.5	18
>5	15.6 $\pm$.8	2
UPWIND CONTROL DATA	17.3 $\pm$ 1.4	3

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



WOLF CR.
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851216-860407 113 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std.Qtr. + Rdm	Tot.	
001	316	2.9	19.9	+- .6	3.0	17.1 +- .7	5.4
002	330	1.8	18.8	+- .6	2.8	16.0 +- .6	5.3
003	360	2.8	MISSING OR DAMAGED DOSIMETER				
004	355	1.6	21.0	+- .6	3.1	18.1 +- .7	5.5
005	031	1.8	20.3	+- .6	3.0	17.3 +- .7	5.5
006	47	2.1	19.4	+- .6	2.9	16.5 +- .6	5.4
007	70	1.6	19.6	+- .6	2.9	16.8 +- .7	5.4
008	90	1.7	20.8	+- .6	3.1	18.0 +- .7	5.5
009	111	2.4	19.7	+- .6	3.0	16.9 +- .7	5.4
010	137	2.5	19.4	+- .6	2.9	16.5 +- .6	5.4
011	157	3.4	21.2	+- .6	3.2	18.4 +- .7	5.5
012	184	3.3	20.9	+- .6	3.1	18.0 +- .7	5.5
013	213	2.9	19.9	+- .6	3.0	17.0 +- .7	5.4
014	233	2.4	20.1	+- .6	3.0	17.3 +- .7	5.4
015	248	2.2	19.8	+- .6	3.0	17.0 +- .7	5.4
016	270	2.1	20.7	+- .6	3.1	17.9 +- .7	5.5
017	270	3.4	16.8	+- .5	2.5	14.0 +- .6	5.2
018	263	4.2	21.9	+- .7	3.6	19.1 +- .7	5.6
019	257	5.8	20.3	+- .6	3.0	17.3 +- .7	5.5
020	280	3.9	18.7	+- .6	2.9	15.8 +- .6	5.3
021	298	3.9	20.7	+- .6	3.1	17.6 +- .7	5.5
022	319	4.0	19.2	+- .6	2.9	16.3 +- .6	5.4
023	332	5.8	20.6	+- .6	3.1	17.6 +- .7	5.5
024	19	3.9	20.5	+- .6	3.1	17.6 +- .7	5.5
025	35	4.4	18.7	+- .6	2.9	15.8 +- .6	5.3
026	67	4.3	19.5	+- .6	2.9	16.7 +- .7	5.4
027	88	4.1	21.1	+- .6	3.1	18.0 +- .7	5.5
028	110	4.5	20.8	+- .6	3.1	18.0 +- .7	5.5
029	128	4.4	21.3	+- .6	3.1	18.2 +- .7	5.5
030	112	1.6	18.8	+- .6	2.8	16.0 +- .6	5.3
031	127	9.4	18.0	+- .6	2.7	15.3 +- .6	5.3
032	162	11	18.7	+- .6	2.8	15.9 +- .6	5.3
033	153	5.2	20.5	+- .6	3.1	17.7 +- .7	5.5
034	174	4.7	21.2	+- .6	3.1	18.3 +- .7	5.5
035	197	5.2	20.3	+- .6	3.0	17.4 +- .7	5.5
036	224	4.8	19.3	+- .6	2.9	16.4 +- .6	5.4
037	220	14.5	17.0	+- .5	2.6	14.2 +- .6	5.2
038	253	6.5	19.5	+- .6	2.9	16.6 +- .7	5.4
039	270	10.1	20.1	+- .6	3.0	17.3 +- .7	5.4
040	285	15.7	17.7	+- .5	2.7	14.9 +- .6	5.3
041	292	6.7	18.7	+- .6	3.0	15.7 +- .6	5.3
042	345	13.5	20.5	+- .6	3.1	17.7 +- .7	5.5
043	5	7.5	19.8	+- .6	3.0	16.9 +- .7	5.4
044	020	8.3	20.8	+- .6	3.1	17.9 +- .7	5.5
045	315	7.5	20.1	+- .6	3.0	17.2 +- .7	5.4
046	341	7.7	22.2	+- .7	3.3	19.3 +- .7	5.6
047	355	1	19.1	+- .6	2.9	16.2 +- .6	5.4

TRANSIT DOSE = 2.6 +- .3 ; 4.6

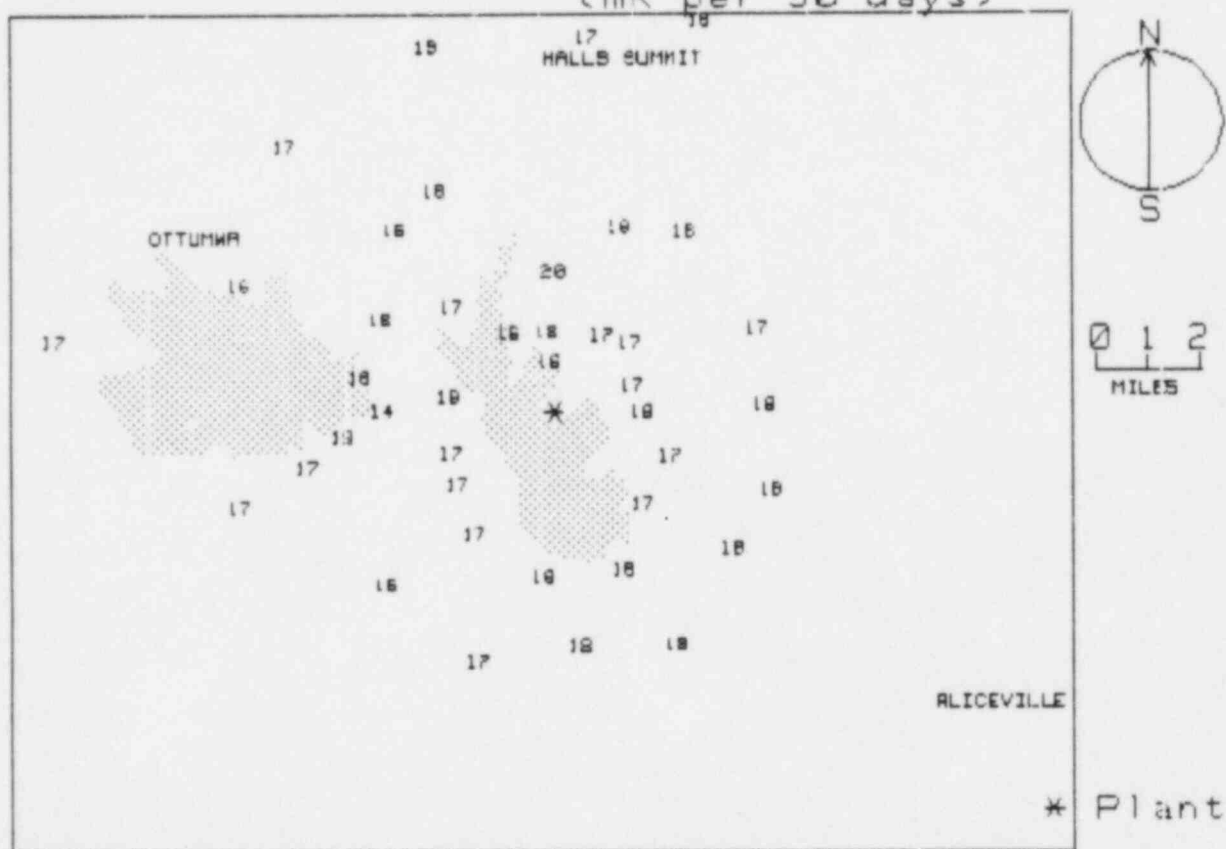
WOLF CR.
FOR THE PERIOD 851216-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.1 $\pm$ 1.0	3
11.25-33.75 (NNE)	17.7 $\pm$.2	3
33.75-56.25 (NE)	16.2 $\pm$.5	2
56.25-78.75 (ENE)	16.7 $\pm$.1	2
78.75-101.25 (E)	18.1 $\pm$.2	2
101.25-123.75 (ESE)	16.9 $\pm$ 1.0	3
123.75-146.25 (SE)	16.8 $\pm$ 1.5	3
146.25-168.75 (SSE)	17.3 $\pm$ 1.3	3
168.75-191.25 (S)	18.2 $\pm$.2	2
191.25-213.75 (SSW)	17.2 $\pm$.3	2
213.75-236.25 (SW)	16.0 $\pm$ 1.6	3
236.25-258.75 (WSW)	17.0 $\pm$.4	3
258.75-281.25 (W)	16.8 $\pm$ 1.9	5
281.25-303.75 (WNW)	16.2 $\pm$ 1.5	3
303.75-326.25 (NW)	16.9 $\pm$.5	3
326.25-348.75 (NNW)	17.7 $\pm$ 1.4	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.0 $\pm$.8	7
2-5	17.2 $\pm$ 1.1	24
>5	16.7 $\pm$ 1.3	15
UPWIND CONTROL DATA	NO DATA	NO DATA

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



NRC STATION	LOCATION		GROSS EXPOSURE(mR) +- Rdm; Tot.				NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)	mR/Std.Qtr. +- Rdm; Tot.							
001	0	.8	20.3 +- .6				12.7 +- 1.1	10.3	
002	265	14.	20.8 +- .6				13.3 +- 1.1	10.3	
003	137	12.	19.9 +- .6				12.1 +- 1.1	10.3	
005	85	2.2	18.8 +- .6				10.5 +- 1.1	10.3	
006	118	2.6	19.7 +- .6				11.8 +- 1.1	10.3	
007	137	2.1	21.1 +- .6				13.8 +- 1.1	10.3	
008	153	1.7	21.8 +- .6				13.6 +- 1.1	10.3	
009	176	1.1	19.6 +- .6				11.6 +- 1.1	10.2	
010	203	.5	19.8 +- .6				12.8 +- 1.1	10.2	
011	219	.6	20.9 +- .6				13.5 +- 1.1	10.3	
012	239	1.1	21.6 +- .6				14.5 +- 1.1	10.4	
013	272	1.8	19.2 +- .6				11.1 +- 1.1	10.2	
014	292	1.3	21.4 +- .6				14.2 +- 1.1	10.4	
015	315	1.6	20.5 +- .6				12.9 +- 1.1	10.3	
016	348	1.4	20.8 +- .6				13.4 +- 1.1	10.3	
017	358	1.0	19.8 +- .6				10.9 +- 1.1	10.1	
018	21	1.0	18.6 +- .6				10.2 +- 1.0	10.1	
019	43	1.0	20.9 +- .6				13.5 +- 1.1	10.3	
020	75	1.0	19.3 +- .6				11.3 +- 1.1	10.2	
021	98	1.0	18.3 +- .6				9.8 +- 1.0	10.1	
022	104	1.2	19.4 +- .6				11.4 +- 1.1	10.2	
023	133	1.7	19.4 +- .6				11.4 +- 1.1	10.2	
024	157	2.3	19.3 +- .6				11.2 +- 1.1	10.2	
025	184	2.0	19.6 +- .6				11.7 +- 1.1	10.2	
027	225	1.9	22.8 +- .6				15.8 +- 1.2	10.4	
029	269	1.5	19.8 +- .6				10.8 +- 1.1	10.1	
032	344	1.2	22.7 +- .6				13.3 +- 1.1	10.3	
034	488	1.3	21.1 +- .6				13.7 +- 1.1	10.3	
035	339	1.3	18.9 +- .6				10.7 +- 1.1	10.1	
047	260	1.0	20.8 +- .6				13.3 +- 1.1	10.3	
048	261	.9	21.5 +- .6				14.4 +- 1.1	10.4	
TRANSIT DOSE =	11.3	+- .5	6.6						

YANKEE ROWE
FOR THE PERIOD 851218-860407

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.8 $\pm$ 1.3	2
11.25-33.75 (NNE)	10.2 $\pm$ 0.0	1
33.75-56.25 (NE)	12.6 $\pm$ 1.6	3
56.25-78.75 (ENE)	11.3 $\pm$ 0.0	1
78.75-101.25 (E)	10.2 $\pm$.5	2
101.25-123.75 (ESE)	11.6 $\pm$.2	2
123.75-146.25 (SE)	12.4 $\pm$ 1.2	3
146.25-168.75 (SSE)	12.4 $\pm$ 1.7	2
168.75-191.25 (S)	11.7 $\pm$.0	2
191.25-213.75 (SSW)	12.0 $\pm$ 0.0	1
213.75-236.25 (SW)	14.2 $\pm$ 1.1	2
236.25-258.75 (WSW)	14.5 $\pm$ 0.0	1
258.75-281.25 (W)	11.7 $\pm$ 1.4	3
281.25-303.75 (WNW)	14.2 $\pm$ 0.0	1
303.75-326.25 (NW)	12.9 $\pm$ 0.0	1
326.25-348.75 (NNW)	13.3 $\pm$.1	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	13.0 $\pm$ 1.1	10
2-5	11.5 $\pm$ 1.3	8
>5	12.2 $\pm$ 1.5	11
UPWIND CONTROL DATA	13.9 $\pm$.7	2

ZION
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 851205-860328 114 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	290 0.0	15.8 +- .5	2.4 NO NET DATA
002	192 1.0	12.7 +- .4	1.9 NO NET DATA
003	187 1.5	14.0 +- .4	2.1 NO NET DATA
004	227 2.4	16.3 +- .5	2.4 NO NET DATA
005	257 1.0	17.2 +- .5	2.6 NO NET DATA
006	264 1.2	16.8 +- .5	2.5 NO NET DATA
007	287 1.6	16.6 +- .5	2.5 NO NET DATA
008	320 1.0	14.7 +- .4	2.2 NO NET DATA
009	343 2.6	14.9 +- .4	2.2 NO NET DATA
010	356 4.5	14.1 +- .4	2.1 NO NET DATA
011	337 4.5	16.1 +- .5	2.4 NO NET DATA
012	310 4.0	17.4 +- .5	2.6 NO NET DATA
013	293 3.5	19.1 +- .6	2.9 NO NET DATA
014	280 4.0	18.0 +- .5	2.7 NO NET DATA
015	239 3.5	16.9 +- .5	2.5 NO NET DATA
016	227 3.5	16.7 +- .5	2.5 NO NET DATA
017	210 4.5	15.7 +- .5	2.3 NO NET DATA
018	206 2.0	14.9 +- .4	2.2 NO NET DATA
019	342 2.7	15.2 +- .5	2.3 NO NET DATA
020	197 15'	18.4 +- .6	2.8 NO NET DATA
021	352 7.9	12.3 +- .4	1.8 NO NET DATA
022	348 8.3	MISSING OR DAMAGED DOSIMETER	
023	336 8.5	16.8 +- .5	2.5 NO NET DATA
024	314 5.0	16.7 +- .5	2.5 NO NET DATA
025	220 6.3	16.7 +- .5	2.5 NO NET DATA
026	195 8.0	15.1 +- .5	2.3 NO NET DATA
028	197 15'	18.1 +- .5	2.7 NO NET DATA
030	320 9.8	17.2 +- .5	2.6 NO NET DATA
031	229 8.0	16.3 +- .5	2.4 NO NET DATA
032	193 14	18.6 +- .6	2.8 NO NET DATA

NO TRANSIT DOSE CALCULATED (TLD CONTROLS MISSING OR OTHERWISE NOT COMPLETE)

ZION
FOR THE PERIOD 851205-860328

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.0 $\pm$ 1.2	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	13.8 $\pm$ 0.0	1
191.25-213.75 (SSW)	14.4 $\pm$ 1.3	4
213.75-236.25 (SW)	16.3 $\pm$.2	4
236.25-258.75 (WSW)	16.8 $\pm$.2	2
258.75-281.25 (W)	17.3 $\pm$ 1.1	2
281.25-303.75 (WNW)	17.0 $\pm$ 1.7	3
303.75-326.25 (NW)	16.3 $\pm$ 1.2	4
326.25-348.75 (NNW)	15.5 $\pm$.8	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.2 $\pm$ 1.6	7
2-5	16.1 $\pm$ 1.5	12
>5	15.7 $\pm$ 1.7	7
UPWIND CONTROL DATA	18.1 $\pm$.2	3