

NUREG-0837
Vol. 12, No. 1

NRC TLD Direct Radiation Monitoring Network

Progress Report
January-March 1992

U.S. Nuclear Regulatory Commission

NRC Region I

R. Struckmeyer, N. McNamara



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R. Struckmeyer, N. McNamara

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



Preface

The U. S. Nuclear Regulatory Commission (NRC) Direct Radiation Monitoring Network is operated by the NRC in cooperation with participating states to provide continuous measurement of the ambient radiation levels around licensed NRC facilities, primarily power reactors. Ambient radiation levels result from naturally occurring radionuclides present in the soil, cosmic radiation constantly bombarding the earth from outer space, and the contribution, if any, from the monitored facilities and other man-made sources. The Network is intended to measure radiation levels during routine facility operations and to establish background radiation levels used to assess the radiological impact of an unusual condition, such as an accident. This report presents the radiation levels measured around all facilities in the Network for the first quarter of 1992. A complete listing of the site facilities monitored is included. In some instances, two power reactor facilities are monitored by the same set of dosimeters (e.g., Kewaunee and Point Beach).

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

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

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

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

$$X \pm S_r; U_c$$

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

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

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

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

Placement of TLDs at the Comanche Peak and South Texas Sites

The TLD Laboratory learned after the fact that the contractor responsible for exchanging TLDs at the Comanche Peak and South Texas sites had moved several of the TLDs to new locations at the beginning of this quarter. Notification of this transposition was received too late by the TLD Laboratory to achieve a correction for the first quarter. The affected locations at Comanche Peak were all except 1, 2, 11, 12, and 28. The affected locations at South Texas were 21, 22, 23, 31, 32, 37, and 40. The affected TLDs are noted with an asterisk, and a brief explanation is provided on the data pages for these sites. Future computations of the historical range will not include the TLDs that were moved or deleted during this quarter. Because of the large number of changed locations, no map for Comanche Peak is provided. The TLDs for the second quarter were returned to their previously designated locations.

Sites Monitored During the Third Quarter 1991

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

ARKANSAS

TLD Direct Radiation Environmental Monitoring

For the period 920115-920429 106 Days

Field Time: 84 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	4	0.4	26.3	+ - 0.8; 4.0	18.7	+ - 1.0; 5.5	17.6	+ - 2.0
2	353	4.1	28.3	+ - 0.8; 4.2	20.8	+ - 1.0; 5.7	17.5	+ - 1.9
3	32	1.3	26.0	+ - 0.8; 3.9	18.3	+ - 1.0; 5.4	18.4	+ - 2.2
4	13	3.3	24.0	+ - 0.7; 3.6	16.2	+ - 0.9; 5.2	16.8	+ - 1.9
5	53	1.5	25.4	+ - 0.8; 3.8	17.7	+ - 1.0; 5.4	17.8	+ - 2.1
6	37	3.6	24.1	+ - 0.7; 3.6	16.3	+ - 0.9; 5.2	16.8	+ - 1.7
7	78	2.5	29.1	+ - 0.9; 4.4	21.7	+ - 1.1; 5.8	19.1	+ - 2.4
8	60	3.2	24.7	+ - 0.7; 3.7	17.0	+ - 0.9; 5.3	20.4	+ - 2.9
9	92	0.5	26.4	+ - 0.8; 4.0	18.8	+ - 1.0; 5.5	19.2	+ - 2.4
10	83	5.5	23.9	+ - 0.7; 3.6	16.1	+ - 0.9; 5.2	17.8	+ - 2.1
11	122	2.1	21.7	+ - 0.7; 3.3	13.8	+ - 0.9; 4.9	16.5	+ - 1.9
12	109	6.8	24.1	+ - 0.7; 3.6	16.4	+ - 0.9; 5.2	18.3	+ - 2.1
13	138	2.6	21.9	+ - 0.7; 3.3	13.9	+ - 0.9; 4.9	15.0	+ - 1.8
14	130	4.9	22.6	+ - 0.7; 3.4	14.8	+ - 0.9; 5.0	16.0	+ - 2.0
16	167	4.4	25.3	+ - 0.8; 3.8	17.6	+ - 1.0; 5.4	17.9	+ - 1.8
17	171	0.4	21.9	+ - 0.7; 3.3	14.0	+ - 0.9; 4.9	17.3	+ - 2.0
18	189	3.2	23.7	+ - 0.7; 3.6	15.9	+ - 0.9; 5.2	17.6	+ - 1.9
19	205	2.9	27.0	+ - 0.8; 4.1	19.5	+ - 1.0; 5.6	17.7	+ - 2.1
20	195	5.8	26.7	+ - 0.8; 4.0	19.2	+ - 1.0; 5.5	16.2	+ - 2.3
21	235	0.5	30.2	+ - 0.9; 4.5	22.9	+ - 1.1; 6.0	19.5	+ - 2.1
22	230	3.6	24.3	+ - 0.7; 3.7	16.6	+ - 0.9; 5.2	14.7	+ - 1.5
23	257	2.8	27.4	+ - 0.8; 4.1	19.8	+ - 1.0; 5.6	16.7	+ - 1.7
24	243	4.5	24.0	+ - 0.7; 3.6	16.3	+ - 0.9; 5.2	16.7	+ - 1.7
25	279	1.2	26.2	+ - 0.8; 3.9	18.6	+ - 1.0; 5.5	20.1	+ - 2.2
26	263	4.3	24.3	+ - 0.7; 3.6	16.5	+ - 0.9; 5.2	17.6	+ - 2.0
27	298	0.4	24.6	+ - 0.7; 3.7	16.8	+ - 0.9; 5.3	18.8	+ - 2.0
28	293	5.8	25.1	+ - 0.8; 3.8	17.5	+ - 1.0; 5.3	17.0	+ - 2.2
29	326	1.9	25.2	+ - 0.8; 3.8	17.5	+ - 1.0; 5.3	18.0	+ - 2.1
30	308	4.8	22.5	+ - 0.7; 3.4	14.6	+ - 0.9; 5.0	17.9	+ - 1.9
31	345	1.3	24.7	+ - 0.7; 3.7	16.9	+ - 0.9; 5.3	18.6	+ - 2.1
32	335	4.2	20.6	+ - 0.6; 3.1	12.5	+ - 0.8; 4.8	16.0	+ - 1.9
33	110	0.8	24.4	+ - 0.7; 3.7	16.7	+ - 0.9; 5.2	18.7	+ - 2.2
39	112	6.0	25.0	+ - 0.7; 3.7	17.3	+ - 1.0; 5.3	18.5	+ - 2.1
40	147	8.0	23.9	+ - 0.7; 3.6	16.1	+ - 0.9; 5.2	18.8	+ - 2.0
41	106	17.0	23.1	+ - 0.7; 3.5	15.3	+ - 0.9; 5.1	18.1	+ - 1.5
42	310	17.0	22.1	+ - 0.7; 3.3	14.2	+ - 0.9; 5.0	16.0	+ - 2.0
43	105	5.2	24.5	+ - 0.7; 3.7	16.7	+ - 0.9; 5.3	18.6	+ - 2.2
44	315	13.0	22.5	+ - 0.7; 3.4	14.7	+ - 0.9; 5.0	17.8	+ - 2.1
45	47	8.9	21.2	+ - 0.6; 3.2	13.2	+ - 0.8; 4.9	15.6	+ - 1.9
46	115	8.3	24.5	+ - 0.7; 3.7	16.7	+ - 0.9; 5.3	18.3	+ - 2.2
47	208	20.0	23.6	+ - 0.7; 3.5	15.8	+ - 0.9; 5.1	18.8	+ - 2.7
48	179	19.0	23.1	+ - 0.7; 3.5	15.3	+ - 0.9; 5.1	18.5	+ - 2.4
49	150	22.0	24.6	+ - 0.7; 3.7	16.9	+ - 0.9; 5.3	20.1	+ - 1.9

Transit Dose = 8.9 +- 0.5; 3.3

ARKANSAS

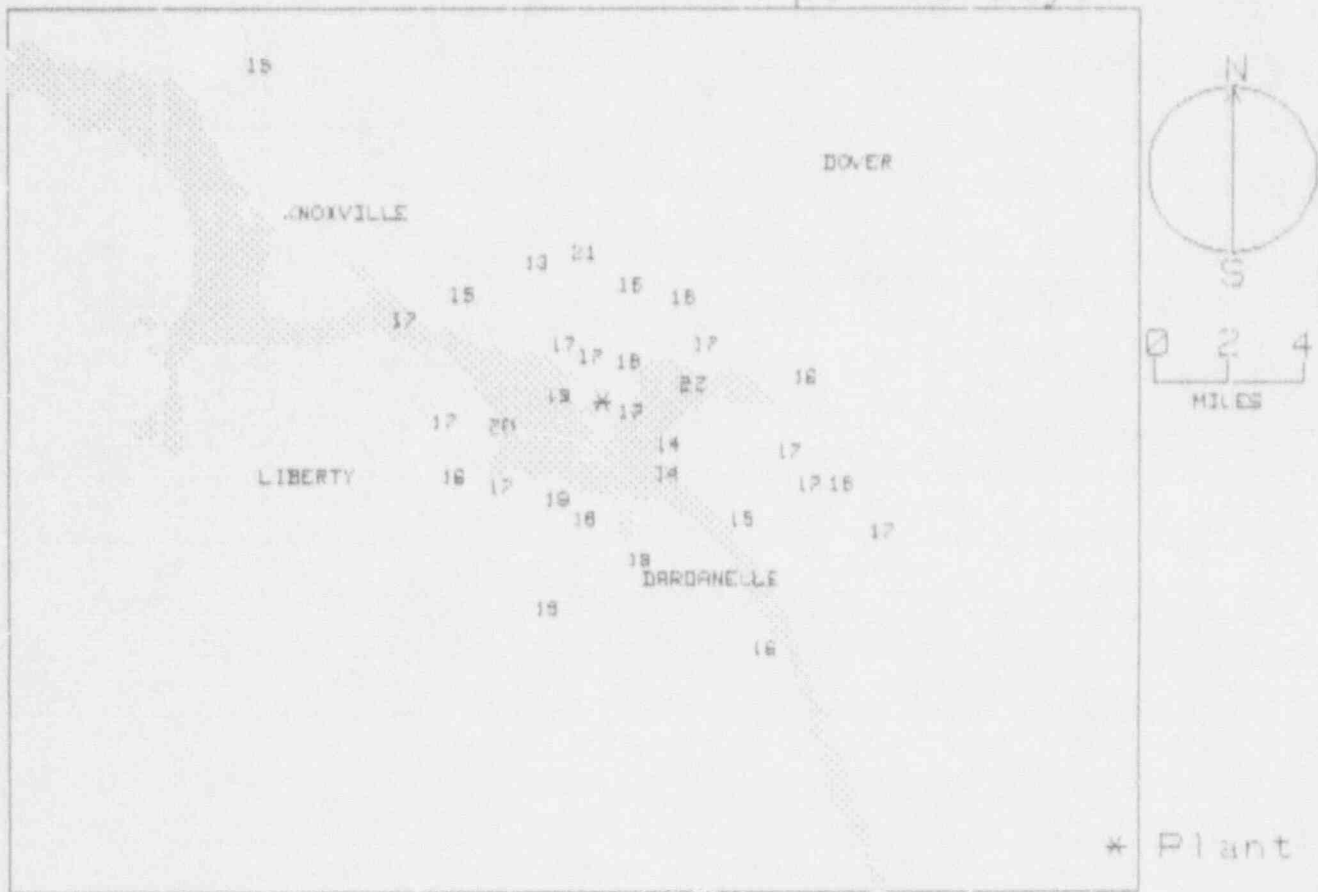
For the period 920115-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.8 +- 1.5	2
11.26 - 33.75 NNE	17.3 +- 1.5	2
33.76 - 56.25 NE	15.7 +- 2.3	3
56.26 - 78.75 ENE	19.4 +- 3.3	2
78.76 - 101.25 E	17.4 +- 1.9	2
101.26 - 123.75 ESE	16.1 +- 1.2	7
123.76 - 146.25 SE	14.3 +- 0.6	2
146.26 - 168.75 SSE	16.9 +- 1.1	2
168.76 - 191.25 S	14.9 +- 1.4	2
191.26 - 213.75 SSW	19.3 +- 0.2	2
213.76 - 236.25 SW	19.7 +- 4.5	2
236.26 - 258.75 WSW	18.0 +- 2.5	2
258.76 - 281.25 W	17.6 +- 1.5	2
281.26 - 303.75 WNW	17.1 +- 0.4	2
303.76 - 326.25 NW	15.2 +- 1.5	4
326.26 - 348.75 NNW	14.7 +- 3.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 2.2	11
2 - 5	16.7 +- 2.5	17
> 5	16.1 +- 1.6	12
Upwind Control	16.0 +- 0.8	3

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



BEAVER VALLEY

TLD Direct Radiation Environmental Monitoring

For the period 911204-920429 148 Days

Field Time: 85 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/ (Deg)	Dist (Mi)	Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	340	15.8	25.0 +- 0.7; 3.7		16.8 +- 0.9; 5.3		17.2 +- 2.0	
2	3	13.1	25.1 +- 0.8; 3.8		16.9 +- 0.9; 5.3		17.5 +- 1.7	
4	30	11.9	Missing Dosimeter		No Net Data		20.0 +- 2.0	
5	53	8.2	26.4 +- 0.8; 4.0		18.3 +- 1.0; 5.5		18.8 +- 1.7	
6	58	9.1	27.3 +- 0.8; 4.1		19.3 +- 1.0; 5.6		19.4 +- 1.9	
7	97	8.0	28.0 +- 0.8; 4.2		20.0 +- 1.0; 5.7		19.7 +- 2.0	
8	110	4.2	27.6 +- 0.8; 4.1		19.5 +- 1.0; 5.6		19.3 +- 1.7	
9	111	1.9	28.5 +- 0.9; 4.3		20.6 +- 1.0; 5.7		19.9 +- 2.2	
10	92	2.2	26.7 +- 0.8; 4.0		18.6 +- 1.0; 5.5		19.5 +- 1.4	
11	64	3.6	26.9 +- 0.8; 4.0		18.8 +- 1.0; 5.5		20.0 +- 2.1	
12	148	4.0	28.0 +- 0.8; 4.2		20.0 +- 1.0; 5.7		21.1 +- 1.3	
13	171	4.4	27.0 +- 0.8; 4.0		18.9 +- 1.0; 5.5		18.9 +- 1.8	
14	183	4.4	26.9 +- 0.8; 4.0		18.8 +- 1.0; 5.5		18.5 +- 1.5	
15	198	3.6	26.7 +- 0.8; 4.0		18.7 +- 1.0; 5.5		19.0 +- 1.7	
16	254	5.7	25.3 +- 0.8; 3.8		17.1 +- 1.0; 5.3		18.5 +- 1.6	
17	267	6.5	24.3 +- 0.7; 3.6		16.1 +- 0.9; 5.2		18.0 +- 1.7	
18	231	2.5	26.4 +- 0.8; 4.0		18.3 +- 1.0; 5.5		19.0 +- 1.6	
19	266	2.5	27.8 +- 0.8; 4.2		19.8 +- 1.0; 5.6		20.4 +- 1.7	
20	291	3.8	24.5 +- 0.7; 3.7		16.3 +- 0.9; 5.2		17.4 +- 2.2	
21	298	2.4	28.0 +- 0.8; 4.2		20.0 +- 1.0; 5.7		21.0 +- 1.9	
22	219	1.5	24.3 +- 0.7; 3.7		16.1 +- 0.9; 5.2		18.0 +- 1.2	
23	252	2.4	29.5 +- 0.9; 4.4		21.6 +- 1.1; 5.9		21.2 +- 2.5	
24	207	2.2	26.7 +- 0.8; 4.0		18.7 +- 1.0; 5.5		19.8 +- 1.8	
25	187	2.2	27.1 +- 0.8; 4.1		19.0 +- 1.0; 5.5		20.2 +- 1.8	
26	154	2.2	26.5 +- 0.8; 4.0		18.4 +- 1.0; 5.5		19.4 +- 1.8	
27	133	2.2	26.9 +- 0.8; 4.0		18.8 +- 1.0; 5.5		20.2 +- 1.3	
28	99	2.2	25.5 +- 0.8; 4.1		19.6 +- 1.0; 5.6		20.5 +- 2.0	
29	61	2.2	25.6 +- 0.8; 3.8		17.4 +- 1.0; 5.4		18.8 +- 1.9	
30	51	2.2	26.7 +- 0.8; 4.0		18.6 +- 1.0; 5.5		19.2 +- 1.8	
31	320	2.2	31.9 +- 1.0; 4.8		24.1 +- 1.1; 6.2		21.3 +- 2.1	
32	320	2.5	25.9 +- 0.8; 3.9		17.8 +- 1.0; 5.4		19.4 +- 1.8	
33	335	2.5	25.6 +- 0.8; 3.8		17.5 +- 1.0; 5.4		19.4 +- 1.8	
34	340	5.2	24.1 +- 0.7; 3.6		15.9 +- 0.9; 5.2		17.6 +- 2.0	
35	4	3.5	27.0 +- 0.8; 4.0		18.9 +- 1.0; 5.5		19.9 +- 2.0	
36	23	3.2	28.6 +- 0.9; 4.3		20.6 +- 1.0; 5.7		22.2 +- 1.9	
37	42	2.8	24.1 +- 0.7; 3.6		15.9 +- 0.9; 5.2		16.7 +- 1.2	
38	27	1.6	24.7 +- 0.7; 3.7		16.5 +- 0.9; 5.3		18.2 +- 2.1	
39	348	1.6	26.5 +- 0.8; 4.0		18.4 +- 1.0; 5.5		19.3 +- 1.8	
40	340	15.8	24.9 +- 0.7; 3.7		16.7 +- 0.9; 5.3		16.7 +- 1.9	
41	340	15.8	25.9 +- 0.8; 3.9		17.8 +- 1.0; 5.4		16.9 +- 1.7	

Transit Dose = 9.1 +- 0.5; 3.3

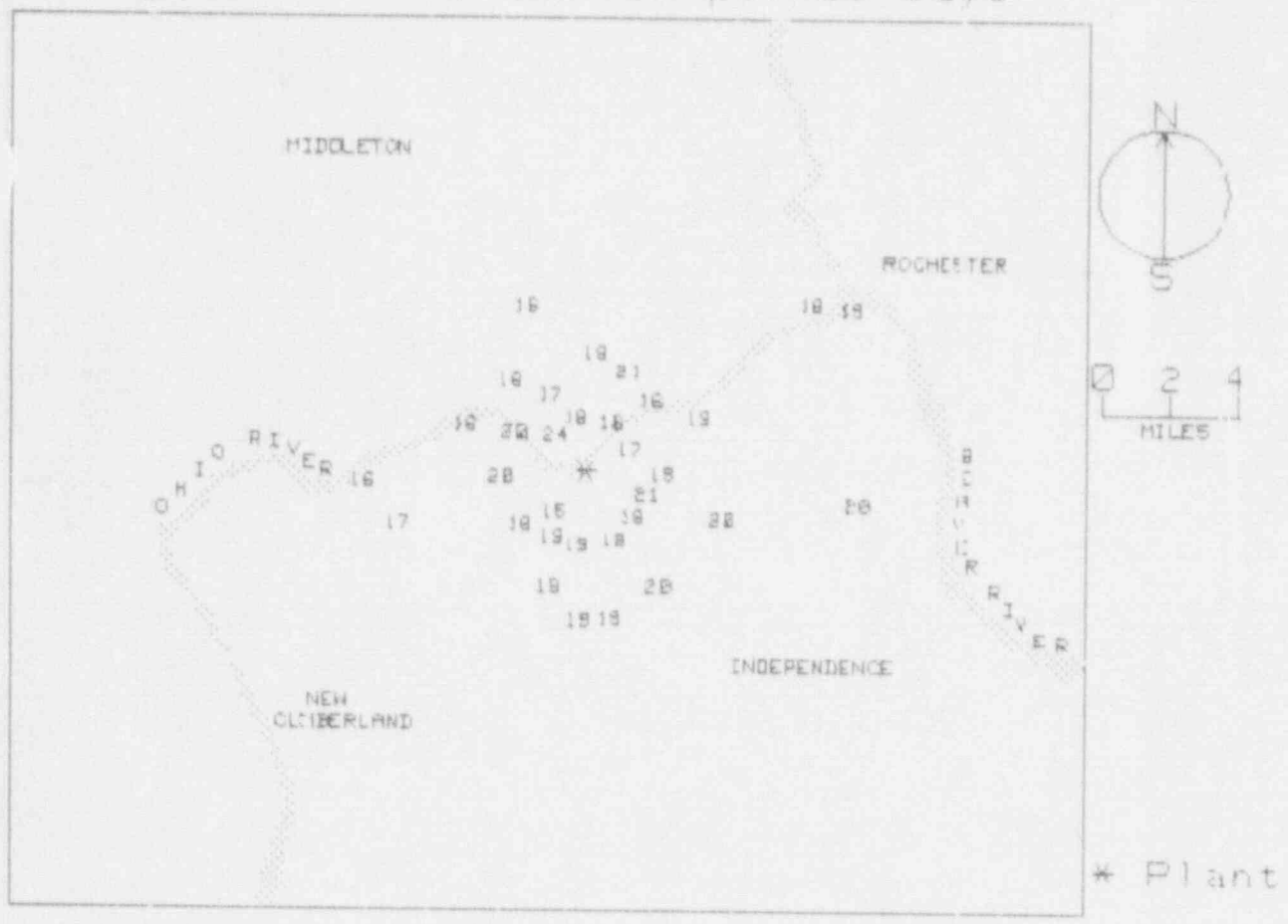
BEAVER VALLEY
For the period 911204-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.9 +- 1.4	2
11.26 - 33.75 NNE	18.6 +- 2.9	2
33.76 - 56.25 NE	17.6 +- 1.5	3
56.26 - 78.75 ENE	18.5 +- 1.0	3
78.76 - 101.25 E	19.4 +- 0.7	3
101.26 - 123.75 ESE	20.0 +- 0.7	2
123.76 - 146.25 SE	18.8 +- 0.0	1
146.26 - 168.75 SSE	19.2 +- 1.1	2
168.76 - 191.25 S	18.9 +- 0.1	3
191.26 - 213.75 SSW	18.7 +- 0.0	2
213.76 - 236.25 SW	17.2 +- 1.5	2
236.26 - 258.75 WSW	19.4 +- 3.2	2
258.76 - 281.25 W	18.0 +- 2.6	2
281.26 - 303.75 WNW	18.1 +- 2.6	2
303.76 - 326.25 NW	20.9 +- 4.5	2
326.26 - 348.75 NNW	17.2 +- 1.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.9 +- 2.4	9
2 - 5	18.8 +- 1.3	20
> 5	17.7 +- 1.6	7
Upwind Control	17.1 +- 0.6	3

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



BIG ROCK
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920422 142 Days
 Field Time: 98 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rjm; Tot.		+-1 Std Dev	
1	208	4.9	21.0	+- 0.6; 3.1	12.9	+- 0.7; 4.3	13.9	+- 1.8
2	220	3.6	19.2	+- 0.6; 2.9	11.4	+- 0.7; 4.1	12.9	+- 2.1
3	204	2.4	20.7	+- 0.6; 3.1	12.7	+- 0.7; 4.3	13.1	+- 2.4
4	176	3.3	19.5	+- 0.6; 2.9	11.6	+- 0.7; 4.1	12.7	+- 2.0
5	161	4.6	20.5	+- 0.6; 3.1	12.5	+- 0.7; 4.2	13.4	+- 2.1
6	133	4.7	20.0	+- 0.6; 3.0	12.0	+- 0.7; 4.2	14.5	+- 2.0
7	116	3.7	20.9	+- 0.6; 3.1	12.9	+- 0.7; 4.3	15.1	+- 2.1
8	111	4.7	20.8	+- 0.6; 3.1	12.8	+- 0.7; 4.3	14.8	+- 2.5
9	98	4.5	19.8	+- 0.6; 3.0	11.8	+- 0.7; 4.2	13.4	+- 1.9
10	88	12.0	19.7	+- 0.6; 3.0	11.8	+- 0.7; 4.2	12.7	+- 1.9
11	83	16.0	20.1	+- 0.6; 3.0	12.1	+- 0.7; 4.2	13.7	+- 2.3
12	83	16.0	19.7	+- 0.6; 2.9	11.7	+- 0.7; 4.2	13.1	+- 2.1
13	83	16.0	19.8	+- 0.6; 3.0	11.8	+- 0.7; 4.2	12.9	+- 1.9
14	77	3.4	18.7	+- 0.6; 2.8	10.9	+- 0.7; 4.1	12.1	+- 1.9
15	96	1.8	20.8	+- 0.6; 3.1	12.7	+- 0.7; 4.3	14.3	+- 2.1
16	118	2.0	19.8	+- 0.6; 3.0	11.9	+- 0.7; 4.2	14.0	+- 2.3
17	134	2.0	20.3	+- 0.6; 3.1	12.4	+- 0.7; 4.2	13.7	+- 1.8
18	222	1.9	21.0	+- 0.6; 3.2	13.0	+- 0.7; 4.3	12.4	+- 2.3
19	194	1.4	21.4	+- 0.6; 3.2	13.3	+- 0.7; 4.3	15.2	+- 2.1
20	179	1.5	20.4	+- 0.6; 3.1	12.4	+- 0.7; 4.2	13.5	+- 1.9
21	153	1.1	20.1	+- 0.6; 3.0	12.2	+- 0.7; 4.2	13.2	+- 1.8

Transit Dose = 6.9 +- 0.4; 3.4

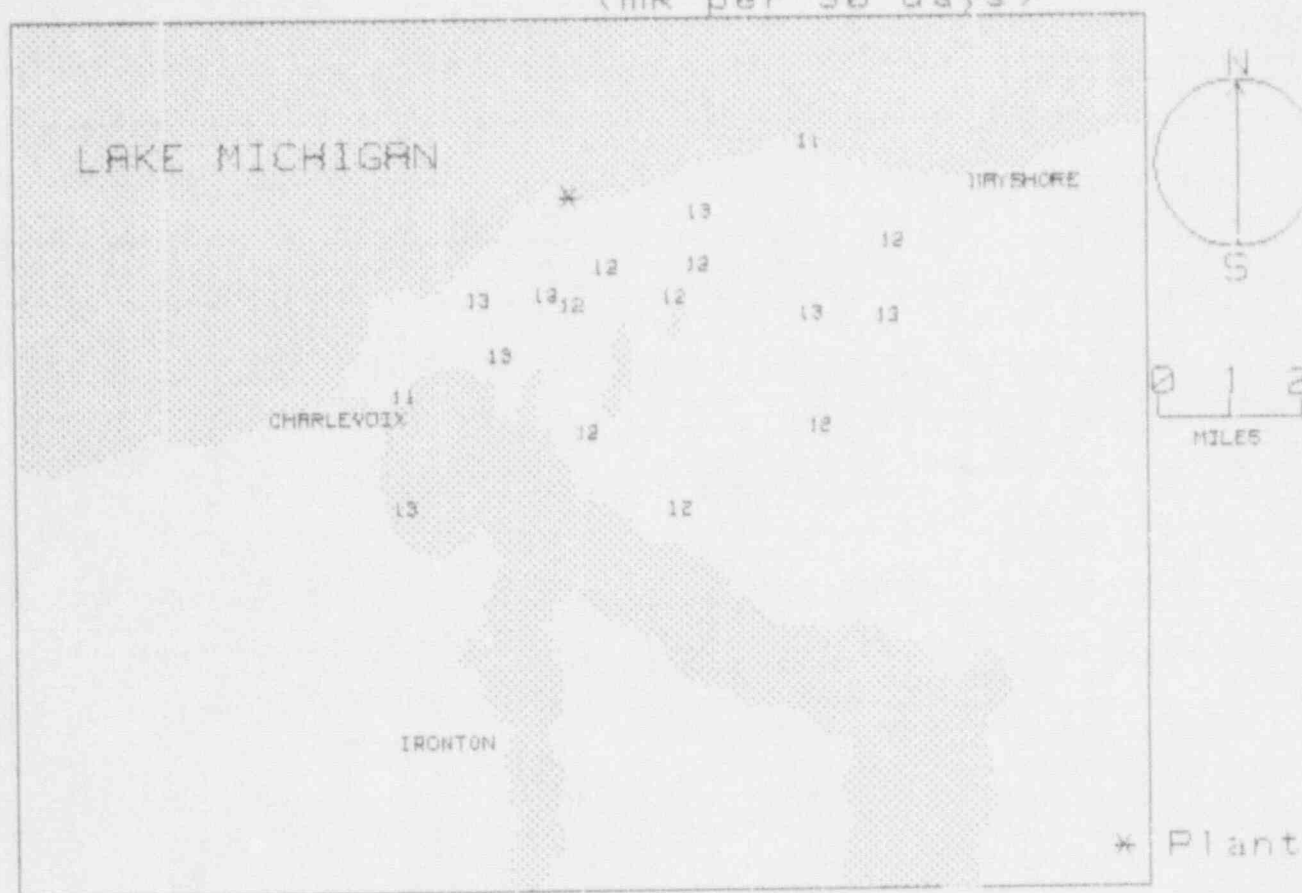
BIG ROCK
For the period 911203-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	10.9 +- 0.0	1
78.76 - 101.25 E	12.1 +- 0.5	3
101.26 - 123.75 ESE	12.5 +- 0.5	3
123.76 - 146.25 SE	12.2 +- 0.2	2
146.26 - 168.75 SSE	12.3 +- 0.2	2
168.76 - 191.25 S	12.0 +- 0.5	2
191.26 - 213.75 SSW	13.0 +- 0.3	3
213.76 - 236.25 SW	12.2 +- 1.2	2
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.6 +- 0.5	7
2 - 5	12.1 +- 0.7	10
> 5	11.8 +- 0.0	1
Upwind Control	11.9 +- 0.2	3

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



BRAIDWOOD

TLD Direct Radiation Environmental Monitoring

For the period 911202-920506 157 Days

Field Time: 79 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm;	Tot.	+Rdm;	Tot.	+1	Std Dev
1	28	0.8	21.3	+ - 0.6; 3.2	15.5	+ - 0.9; 5.0	15.0	+ - 4.7
2	29	1.3	21.0	+ - 0.6; 3.1	15.1	+ - 0.9; 4.9	15.6	+ - 3.8
3	53	2.0	21.4	+ - 0.6; 3.2	15.6	+ - 0.9; 5.0	13.5	+ - 3.8
4	72	2.1	20.5	+ - 0.6; 3.1	14.6	+ - 0.9; 4.9	15.8	+ - 3.7
5	87	2.0	19.9	+ - 0.6; 3.0	13.9	+ - 0.8; 4.8	15.5	+ - 3.8
6	119	2.5	20.4	+ - 0.6; 3.1	14.5	+ - 0.8; 4.9	15.2	+ - 4.6
7	133	3.3	20.0	+ - 0.6; 3.0	14.0	+ - 0.8; 4.8	15.9	+ - 3.7
8	151	3.3	20.3	+ - 0.6; 3.1	14.4	+ - 0.8; 4.9	14.7	+ - 3.5
9	172	3.9	22.6	+ - 0.7; 3.4	17.0	+ - 0.9; 5.2	19.8	+ - 5.3
10	197	2.8	20.1	+ - 0.6; 3.0	14.1	+ - 0.8; 4.8	16.0	+ - 4.0
11	212	1.4	20.6	+ - 0.6; 3.1	14.8	+ - 0.9; 4.9	14.8	+ - 3.5
12	232	1.0	18.3	+ - 0.5; 2.7	12.1	+ - 0.8; 4.6	14.5	+ - 3.9
13	255	1.0	19.6	+ - 0.6; 2.9	13.6	+ - 0.8; 4.8	14.9	+ - 3.6
14	278	1.2	20.3	+ - 0.6; 3.0	14.4	+ - 0.8; 4.9	15.3	+ - 3.4
15	310	1.3	19.5	+ - 0.6; 2.9	13.5	+ - 0.8; 4.8	15.5	+ - 3.6
16	342	1.3	19.8	+ - 0.6; 3.0	13.8	+ - 0.8; 4.8	13.2	+ - 3.8
17	8	1.5	20.0	+ - 0.6; 3.0	14.1	+ - 0.8; 4.8	15.5	+ - 3.9
18	18	3.5	24.0	+ - 0.7; 3.6	18.6	+ - 1.0; 5.3	19.1	+ - 4.7
19	42	6.3	20.1	+ - 0.6; 3.0	14.2	+ - 0.8; 4.8	14.6	+ - 4.1
20	69	5.7	21.9	+ - 0.7; 3.3	16.2	+ - 0.9; 5.1	16.7	+ - 3.7
21	86	7.0	21.6	+ - 0.6; 3.2	15.8	+ - 0.9; 5.0	17.9	+ - 3.9
22	103	11.4	21.7	+ - 0.7; 3.3	15.9	+ - 0.9; 5.0	16.9	+ - 4.5
23	45	4.9	21.0	+ - 0.6; 3.2	15.2	+ - 0.9; 4.9	16.4	+ - 3.8
24	70	4.2	20.3	+ - 0.6; 3.0	14.3	+ - 0.8; 4.9	15.4	+ - 3.9
25	86	4.1	19.8	+ - 0.6; 3.0	13.8	+ - 0.8; 4.8	13.9	+ - 3.5
26	125	5.0	19.6	+ - 0.6; 2.9	13.5	+ - 0.8; 4.8	14.7	+ - 5.2
27	142	7.2	22.9	+ - 0.7; 3.4	17.4	+ - 0.9; 5.2	18.0	+ - 4.2
28	161	6.1	20.6	+ - 0.6; 3.1	14.7	+ - 0.9; 4.9	15.6	+ - 3.7
29	180	5.9	25.2	+ - 0.8; 3.8	19.9	+ - 1.0; 5.5	19.9	+ - 4.6
30	187	5.8	24.2	+ - 0.7; 3.6	18.9	+ - 1.0; 5.4	21.1	+ - 4.2
31	225	5.4	22.0	+ - 0.7; 3.3	16.3	+ - 0.9; 5.1	18.4	+ - 3.8
32	253	4.0	19.6	+ - 0.6; 2.9	13.6	+ - 0.8; 4.8	16.2	+ - 3.7
33	289	4.1	20.2	+ - 0.6; 3.0	14.2	+ - 0.8; 4.8	17.7	+ - 4.1
34	315	4.0	20.3	+ - 0.6; 3.0	14.4	+ - 0.8; 4.9	17.0	+ - 3.9
35	333	4.0	20.0	+ - 0.6; 3.0	14.0	+ - 0.8; 4.8	16.3	+ - 4.0
36	0	5.5	19.6	+ - 0.6; 2.9	13.6	+ - 0.8; 4.8	16.0	+ - 4.1
37	21	5.0	19.5	+ - 0.6; 2.9	13.4	+ - 0.8; 4.8	13.4	+ - 4.5
38	224	14.7	19.1	+ - 0.6; 2.9	13.0	+ - 0.8; 4.7	15.3	+ - 4.3
39	224	14.7	19.2	+ - 0.6; 2.9	13.2	+ - 0.8; 4.7	14.9	+ - 3.7
40	187	10.3	23.2	+ - 0.7; 3.5	17.7	+ - 0.9; 5.2	18.8	+ - 4.3

Transit Dose = 7.7 + - 0.4; 3.0

BRAIDWOOD

For the period 911202-920506

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.8 +- 0.4	2
11.26 - 33.75 NNE	15.7 +- 2.2	4
33.76 - 56.25 NE	15.0 +- 0.7	3
56.26 - 78.75 ENE	15.0 +- 1.0	3
78.76 - 101.25 E	14.5 +- 1.1	3
101.26 - 123.75 ESE	15.2 +- 1.0	2
123.76 - 146.25 SE	15.0 +- 2.1	3
146.26 - 168.75 SSE	14.6 +- 0.2	2
168.76 - 191.25 S	18.6 +- 1.5	3
191.26 - 213.75 SSW	14.4 +- 0.4	2
213.76 - 236.25 SW	13.8 +- 2.2	3
236.26 - 258.75 WSW	13.6 +- 0.0	2
258.76 - 281.25 W	14.4 +- 0.0	1
281.26 - 303.75 WNW	14.2 +- 0.0	1
303.76 - 326.25 NW	13.9 +- 0.6	2
326.26 - 348.75 NNW	13.9 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.2 +- 1.0	11
2 - 5	14.6 +- 1.4	16
> 5	16.0 +- 2.1	11
Upwind Control	15.4 +- 3.2	2

MAP FOR BRAIDWOOD

Map will be provided for this site in the future.

BROWNS FERRY
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920430 150 Days
 Field Time: 100 Days

MRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	130	9.0	20.3 +- 0.6; 3.0	11.7 +- 0.7; 4.2	14.6 +- 1.5
2	133	5.5	23.0 +- 0.7; 3.4	14.0 +- 0.7; 4.4	15.0 +- 2.1
3	153	4.3	20.1 +- 0.6; 3.0	11.5 +- 0.7; 4.2	15.1 +- 1.8
4	210	5.8	23.8 +- 0.7; 3.6	14.8 +- 0.8; 4.5	17.9 +- 2.0
5	220	6.0	20.9 +- 0.6; 3.1	12.1 +- 0.7; 4.3	15.4 +- 1.8
6	245	4.5	24.5 +- 0.7; 3.7	15.4 +- 0.8; 4.6	18.9 +- 2.1
7	269	1.9	22.2 +- 0.7; 3.3	13.4 +- 0.7; 4.4	16.9 +- 1.8
8	257	11.0	21.5 +- 0.6; 3.2	12.8 +- 0.7; 4.3	16.0 +- 1.8
9	295	7.0	Missing Dosimeter	No Net Data	16.9 +- 2.1
10	292	4.5	22.9 +- 0.7; 3.4	13.9 +- 0.7; 4.4	16.8 +- 1.8
11	269	1.9	22.5 +- 0.7; 3.4	13.6 +- 0.7; 4.4	17.1 +- 1.8
12	240	2.6	22.0 +- 0.7; 3.3	13.2 +- 0.7; 4.4	16.0 +- 2.0
13	220	1.7	23.6 +- 0.7; 3.5	14.6 +- 0.8; 4.5	19.1 +- 2.7
14	268	17.0	23.6 +- 0.7; 3.5	14.6 +- 0.8; 4.5	17.7 +- 1.9
15	201	3.0	22.9 +- 0.7; 3.4	14.0 +- 0.7; 4.4	17.6 +- 1.8
16	181	3.0	21.8 +- 0.7; 3.3	13.0 +- 0.7; 4.3	16.4 +- 1.9
17	50	9.5	23.4 +- 0.7; 3.5	14.4 +- 0.8; 4.5	17.6 +- 1.8
18	51	3.5	21.5 +- 0.6; 3.2	12.7 +- 0.7; 4.3	15.9 +- 1.6
19	62	3.2	22.8 +- 0.7; 3.4	13.9 +- 0.7; 4.4	16.5 +- 2.0
20	86	2.8	26.0 +- 0.8; 3.9	16.7 +- 0.8; 4.7	18.8 +- 2.0
21	111	3.1	25.0 +- 0.8; 3.8	15.9 +- 0.8; 4.6	19.6 +- 2.1
22	64	1.1	26.1 +- 0.8; 3.9	16.8 +- 0.8; 4.7	20.2 +- 2.0
23	90	26.0	21.4 +- 0.6; 3.2	12.6 +- 0.7; 4.3	17.4 +- 1.8
24	111	0.8	24.4 +- 0.7; 3.7	15.4 +- 0.8; 4.6	18.1 +- 1.8
25	46	2.2	24.7 +- 0.7; 3.7	15.6 +- 0.8; 4.6	18.4 +- 2.0
26	26	1.7	26.5 +- 0.8; 4.0	17.2 +- 0.8; 4.8	19.9 +- 2.3
27	333	1.7	23.1 +- 0.7; 3.5	14.2 +- 0.8; 4.5	16.8 +- 1.7
28	335	1.0	25.9 +- 0.8; 3.9	16.6 +- 0.8; 4.7	18.7 +- 2.3
29	27	3.8	23.0 +- 0.7; 3.4	14.1 +- 0.8; 4.4	18.3 +- 1.8
30	0	4.0	21.6 +- 0.6; 3.2	12.8 +- 0.7; 4.3	15.5 +- 1.7
31	340	5.3	24.9 +- 0.7; 3.7	15.8 +- 0.8; 4.6	18.6 +- 2.0
32	312	12.0	25.1 +- 0.8; 3.8	15.9 +- 0.8; 4.6	18.1 +- 2.4
33	0	1.5	26.1 +- 0.8; 3.9	16.8 +- 0.8; 4.7	19.5 +- 2.1
34	52	7.0	22.8 +- 0.7; 3.4	13.9 +- 0.7; 4.4	16.9 +- 2.2
35	95	5.4	23.6 +- 0.7; 3.5	14.6 +- 0.8; 4.5	17.4 +- 2.0
36	68	5.6	24.3 +- 0.7; 3.6	15.2 +- 0.8; 4.6	18.3 +- 2.2
37	149	7.8	22.0 +- 0.7; 3.3	13.2 +- 0.7; 4.4	16.6 +- 1.9
38	164	7.0	21.3 +- 0.6; 3.2	12.5 +- 0.7; 4.3	14.1 +- 2.0

Transit Dose = 7.4 +- 0.5; 3.5

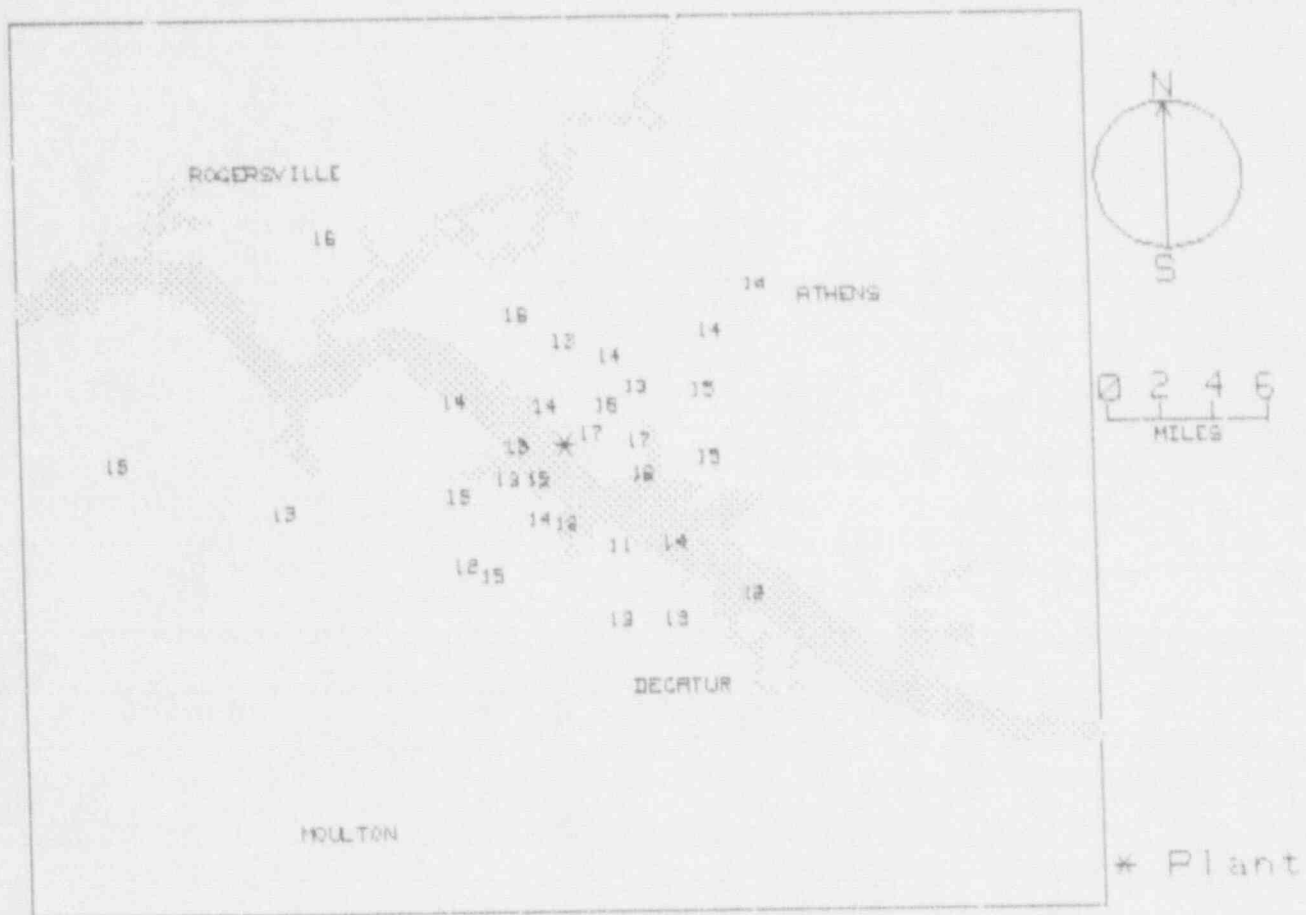
BROWNS FERRY
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.8 +- 2.9	2
11.26 - 33.75 NNE	15.6 +- 2.2	2
33.76 - 56.25 NE	14.1 +- 1.2	4
56.26 - 78.75 ENE	15.3 +- 1.5	3
78.76 - 101.25 E	14.7 +- 2.1	3
101.26 - 123.75 ESE	15.6 +- 0.4	2
123.76 - 146.25 SE	12.8 +- 1.7	2
146.26 - 168.75 SSE	12.4 +- 0.9	3
168.76 - 191.25 S	13.0 +- 0.0	1
191.26 - 213.75 SSW	14.4 +- 0.6	2
213.76 - 236.25 SW	13.4 +- 1.7	2
236.26 - 258.75 WSW	14.3 +- 1.6	2
258.76 - 281.25 W	13.5 +- 0.2	2
281.26 - 303.75 WNW	13.9 +- 0.0	1
303.76 - 326.25 NW	15.9 +- 0.0	1
326.26 - 348.75 NNW	15.5 +- 1.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.4 +- 1.5	9
2 - 5	14.0 +- 1.5	13
> 5	13.9 +- 1.4	13
Upwind Control	13.7 +- 1.3	2

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



BRUNSWICK

TLD Direct Radiation Environmental Monitoring

For the period 911203-920423 143 Days

Field Time: 86 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	260	2.2	20.1 +- 0.6; 3.0	10.5 +- 0.8; 4.8	10.8 +- 1.3
2	245	3.4	18.8 +- 0.6; 2.8	9.2 +- 0.8; 4.6	10.7 +- 1.4
3	231	3.8	19.0 +- 0.6; 2.8	9.4 +- 0.8; 4.7	10.4 +- 1.3
4	210	4.9	22.9 +- 0.7; 3.4	13.5 +- 0.9; 5.1	13.1 +- 1.4
5	186	4.3	21.6 +- 0.6; 3.2	12.1 +- 0.9; 4.9	12.9 +- 1.6
6	270	4.5	19.3 +- 0.6; 2.9	9.7 +- 0.8; 4.7	10.7 +- 1.2
7	272	4.4	21.2 +- 0.6; 3.2	11.7 +- 0.9; 4.9	11.6 +- 1.3
8	73	1.3	21.6 +- 0.6; 3.2	12.1 +- 0.9; 4.9	12.9 +- 1.4
9	97	1.0	22.2 +- 0.7; 3.3	12.7 +- 0.9; 5.0	12.5 +- 1.4
10	120	1.5	21.5 +- 0.6; 3.2	12.1 +- 0.9; 4.9	12.8 +- 1.3
11	131	0.9	20.7 +- 0.6; 3.1	11.2 +- 0.8; 4.8	12.5 +- 1.2
12	156	1.1	21.0 +- 0.6; 3.1	11.5 +- 0.8; 4.9	13.0 +- 1.3
13	180	1.1	20.6 +- 0.6; 3.1	11.1 +- 0.8; 4.8	12.1 +- 1.2
14	194	2.4	21.9 +- 0.7; 3.3	12.5 +- 0.9; 5.0	12.0 +- 1.2
15	201	2.0	20.5 +- 0.6; 3.1	11.0 +- 0.8; 4.8	11.5 +- 1.3
16	218	1.2	22.8 +- 0.7; 3.4	13.3 +- 0.9; 5.1	12.7 +- 1.5
17	252	1.1	21.3 +- 0.6; 3.2	11.9 +- 0.9; 4.9	12.6 +- 1.2
18	272	1.2	20.6 +- 0.6; 3.1	11.1 +- 0.8; 4.8	12.3 +- 1.5
19	19	1.1	20.1 +- 0.6; 3.0	10.5 +- 0.8; 4.8	11.7 +- 1.3
20	2	1.1	20.1 +- 0.6; 3.0	10.6 +- 0.8; 4.8	11.5 +- 1.6
21	288	1.3	18.8 +- 0.6; 2.8	9.3 +- 0.8; 4.7	11.0 +- 1.8
22	307	1.5	20.3 +- 0.6; 3.0	10.8 +- 0.8; 4.8	11.1 +- 1.3
23	338	2.1	21.5 +- 0.6; 3.2	12.0 +- 0.9; 4.9	12.2 +- 1.4
24	325	4.9	19.9 +- 0.6; 3.0	10.3 +- 0.8; 4.8	11.0 +- 1.3
25	338	3.8	21.0 +- 0.6; 3.2	11.5 +- 0.9; 4.9	12.2 +- 1.4
26	356	5.2	20.7 +- 0.6; 3.1	11.2 +- 0.8; 4.8	11.3 +- 1.2
27	30	6.4	19.9 +- 0.6; 3.0	10.4 +- 0.8; 4.8	10.9 +- 1.5
28	43	9.0	23.2 +- 0.7; 3.5	13.7 +- 0.9; 5.1	12.5 +- 1.8
29	50	8.5	21.7 +- 0.6; 3.2	12.2 +- 0.9; 4.9	12.0 +- 1.5
30	59	7.2	19.8 +- 0.6; 3.0	10.2 +- 0.8; 4.7	12.3 +- 1.4
31	65	6.5	20.4 +- 0.6; 3.1	10.9 +- 0.8; 4.8	12.2 +- 1.3
32	74	5.8	Missing Dosimeter	No Net Data	13.0 +- 1.6
33	88	4.1	21.0 +- 0.6; 3.2	11.5 +- 0.9; 4.9	11.5 +- 1.4
34	12	17.0	21.5 +- 0.6; 3.2	12.1 +- 0.9; 4.9	12.6 +- 1.3
35	16	18.0	19.5 +- 0.6; 2.9	9.9 +- 0.8; 4.7	11.3 +- 1.4
36	284	15.0	21.5 +- 0.6; 3.2	12.0 +- 0.9; 4.9	12.6 +- 2.1
37	284	16.0	Missing Dosimeter	No Net Data	13.3 +- 1.4
38	284	15.0	21.5 +- 0.6; 3.2	12.0 +- 0.9; 4.9	12.5 +- 1.3
39	287	4.6	21.4 +- 0.6; 3.2	11.9 +- 0.9; 4.9	11.2 +- 1.4
40	271	0.7	22.6 +- 0.7; 3.4	13.2 +- 0.9; 5.0	13.4 +- 1.6

Transit Dose = 10.0 +- 0.5; 3.4

BRUNSWICK

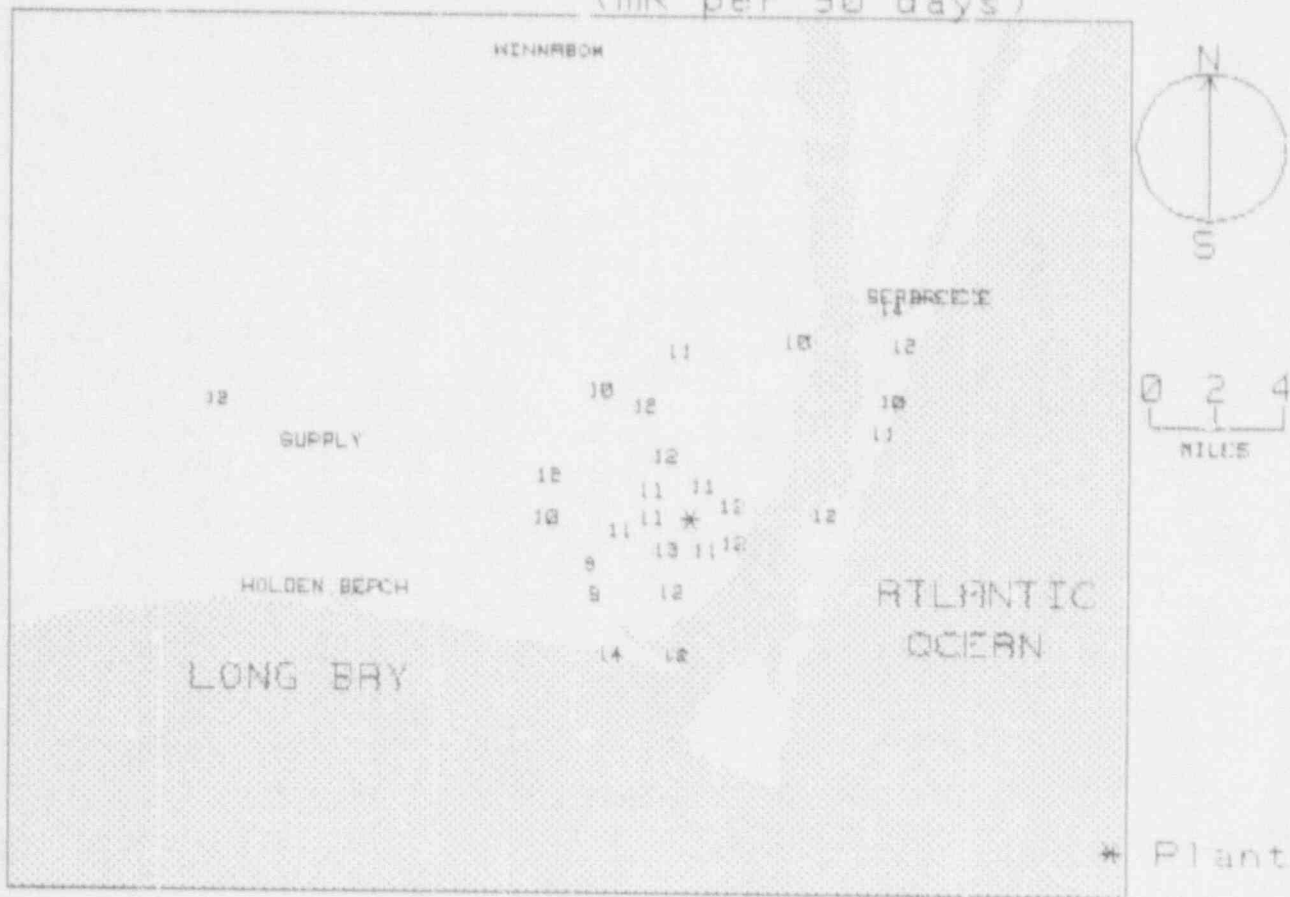
For the period 911203-930423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	10.9 +- 0.4	2
11.26 - 33.75 NNE	10.7 +- 0.9	4
33.76 - 56.25 NE	12.9 +- 1.1	2
56.26 - 78.75 ENE	11.1 +- 1.0	3
78.76 - 101.25 E	12.1 +- 0.8	2
101.26 - 123.75 ESE	12.1 +- 0.0	1
123.76 - 146.25 SE	11.2 +- 0.0	1
146.26 - 168.75 SSE	11.5 +- 0.0	1
168.76 - 191.25 S	11.6 +- 0.7	2
191.26 - 213.75 SSW	12.3 +- 1.3	3
213.76 - 236.25 SW	11.4 +- 2.8	2
236.26 - 258.75 WSW	10.5 +- 1.9	2
258.76 - 281.25 W	11.2 +- 1.3	5
281.26 - 303.75 WNW	10.6 +- 1.9	2
303.76 - 326.25 NW	10.6 +- 0.3	2
326.26 - 348.75 NNW	11.8 +- 0.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.5 +- 1.1	15
2 - 5	11.2 +- 1.3	13
> 5	11.3 +- 1.3	8
Upwind Control	12.0 +- 0.0	2

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



BYRON

TLD Direct Radiation Environmental Monitoring

For the period 911202-920423 144 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	10	1.1	21.5	+- 0.6; 3.2	17.6	+- 0.8; 4.6	19.3	+- 2.0
2	27	1.0	21.9	+- 0.7; 3.3	18.0	+- 0.8; 4.6	18.6	+- 2.1
3	53	1.6	22.4	+- 0.7; 3.4	18.5	+- 0.8; 4.7	17.3	+- 1.9
4	68	1.6	23.5	+- 0.7; 3.5	19.8	+- 0.8; 4.8	20.3	+- 2.4
5	97	1.4	23.4	+- 0.7; 3.5	19.6	+- 0.8; 4.8	20.9	+- 2.1
6	120	1.3	22.8	+- 0.7; 3.4	19.0	+- 0.8; 4.7	18.7	+- 2.0
7	146	1.4	22.2	+- 0.7; 3.3	18.4	+- 0.8; 4.7	19.8	+- 2.5
8	175	2.2	22.4	+- 0.7; 3.4	18.5	+- 0.8; 4.7	18.8	+- 1.8
9	177	0.6	21.6	+- 0.6; 3.2	17.7	+- 0.8; 4.6	16.1	+- 1.8
10	183	0.5	20.2	+- 0.6; 3.0	16.2	+- 0.7; 4.4	18.6	+- 2.2
11	193	0.6	20.2	+- 0.6; 3.0	16.2	+- 0.7; 4.4	17.7	+- 2.1
12	220	0.9	22.4	+- 0.7; 3.4	18.6	+- 0.8; 4.7	18.3	+- 1.9
13	239	0.8	21.2	+- 0.6; 3.2	17.2	+- 0.8; 4.5	17.6	+- 1.7
14	262	0.7	22.1	+- 0.7; 3.3	18.2	+- 0.8; 4.6	19.0	+- 2.3
15	283	0.8	20.6	+- 0.6; 3.1	16.7	+- 0.8; 4.5	18.1	+- 2.1
16	303	1.0	21.0	+- 0.6; 3.1	17.0	+- 0.8; 4.5	16.6	+- 2.0
17	326	1.6	19.6	+- 0.6; 2.9	15.6	+- 0.7; 4.4	16.3	+- 2.2
18	23	4.0	19.1	+- 0.6; 2.9	15.0	+- 0.7; 4.3	15.7	+- 1.6
19	17	4.1	18.8	+- 0.6; 2.8	14.7	+- 0.7; 4.3	14.4	+- 1.5
20	5	4.3	20.6	+- 0.6; 3.1	16.7	+- 0.8; 4.5	17.1	+- 2.1
21	340	4.2	22.6	+- 0.7; 3.4	18.7	+- 0.8; 4.7	19.0	+- 2.2
22	322	4.9	20.9	+- 0.6; 3.1	17.0	+- 0.8; 4.5	18.7	+- 2.6
23	298	6.9	20.0	+- 0.6; 3.0	16.0	+- 0.7; 4.4	15.8	+- 1.6
24	262	4.8	19.4	+- 0.6; 2.9	15.4	+- 0.7; 4.3	15.9	+- 1.7
25	244	4.6	19.7	+- 0.6; 3.0	15.7	+- 0.7; 4.4	15.7	+- 1.6
26	224	4.8	20.3	+- 0.6; 3.0	16.3	+- 0.7; 4.4	16.4	+- 2.1
27	208	5.2	18.8	+- 0.6; 2.8	14.7	+- 0.7; 4.3	14.8	+- 1.5
28	209	14.0	18.9	+- 0.6; 2.8	14.8	+- 0.7; 4.3	14.2	+- 1.4
29	215	13.0	21.2	+- 0.6; 3.2	17.2	+- 0.8; 4.5	17.4	+- 1.9
30	215	13.0	22.4	+- 0.7; 3.4	18.6	+- 0.8; 4.7	18.3	+- 2.1
31	204	4.6	17.1	+- 0.5; 2.6	12.9	+- 0.7; 4.1	13.5	+- 1.6
32	178	4.4	19.3	+- 0.6; 2.9	15.3	+- 0.7; 4.3	16.0	+- 1.5
33	155	3.9	20.9	+- 0.6; 3.1	16.9	+- 0.8; 4.5	17.8	+- 1.8
34	138	4.6	21.9	+- 0.7; 3.3	18.1	+- 0.8; 4.6	17.8	+- 1.9
35	118	4.4	22.0	+- 0.7; 3.3	18.1	+- 0.8; 4.6	18.9	+- 2.3
36	81	3.8	20.9	+- 0.6; 3.1	17.0	+- 0.8; 4.5	16.7	+- 2.1
37	70	5.5	19.2	+- 0.6; 2.9	15.2	+- 0.7; 4.3	16.5	+- 2.0
38	45	4.0	19.3	+- 0.6; 2.9	15.3	+- 0.7; 4.3	15.2	+- 1.9
39	40	6.8	21.7	+- 0.7; 3.3	17.8	+- 0.8; 4.6	18.1	+- 1.6
40	45	15.0	18.3	+- 0.5; 2.7	14.2	+- 0.7; 4.2	14.4	+- 1.4
41	220	3.0	20.9	+- 0.6; 3.1	17.0	+- 0.8; 4.5	19.5	+- 2.4

Transit Dose = 4.9 +- 0.4; 2.9

BYRON

For the period 911202-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.2 +- 0.7	2
11.26 - 33.75 NNE	15.9 +- 1.8	3
33.76 - 56.25 NE	16.5 +- 2.1	4
56.26 - 78.75 ENE	17.5 +- 3.2	2
78.76 - 101.25 E	18.3 +- 1.9	2
101.26 - 123.75 ESE	18.6 +- 0.6	2
123.76 - 146.25 SE	18.2 +- 0.2	2
146.26 - 168.75 SSE	16.9 +- 0.0	1
168.76 - 191.25 S	16.9 +- 1.5	4
191.26 - 213.75 SSW	14.6 +- 1.7	3
213.76 - 236.25 SW	17.3 +- 1.2	3
236.26 - 258.75 WSW	16.5 +- 1.1	2
258.76 - 281.25 W	16.8 +- 2.0	2
281.26 - 303.75 WNW	16.6 +- 0.5	3
303.76 - 326.25 NW	16.3 +- 1.0	2
326.26 - 348.75 NNW	18.7 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.8 +- 1.2	16
2 - 5	16.4 +- 1.5	17
> 5	15.6 +- 1.4	5
Upwind Control	16.9 +- 1.9	3

MAP FOR BYRON

Map will be provided for this site in the future.

CALLAWAY

TLD Direct Radiation Environmental Monitoring
 For the period 911203-920423 143 Days
 Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm; Tot.		+Rdm; Tot.		+1 Std Dev	
1	247	2.1	23.5	+ - 0.7; 3.5	18.8	+ - 0.8; 4.6	20.9	+ - 2.9
2	259	1.4	22.9	+ - 0.7; 3.4	18.2	+ - 0.8; 4.5	19.4	+ - 2.3
3	282	1.3	22.9	+ - 0.7; 3.4	18.2	+ - 0.8; 4.5	19.7	+ - 1.7
4	304	1.3	23.5	+ - 0.7; 3.5	18.8	+ - 0.8; 4.6	20.4	+ - 2.9
5	330	1.7	23.2	+ - 0.7; 3.5	18.5	+ - 0.8; 4.5	18.3	+ - 2.1
6	1	1.7	22.6	+ - 0.7; 3.4	17.9	+ - 0.8; 4.5	16.9	+ - 0.8
7	23	2.0	20.4	+ - 0.6; 3.1	15.8	+ - 0.7; 4.2	17.2	+ - 1.0
8	77	0.7	22.6	+ - 0.7; 3.4	18.0	+ - 0.8; 4.5	17.8	+ - 0.9
9	85	1.4	23.3	+ - 0.7; 3.5	18.6	+ - 0.8; 4.5	18.7	+ - 1.1
10	98	1.5	23.0	+ - 0.7; 3.5	18.3	+ - 0.8; 4.5	17.2	+ - 0.9
11	121	2.0	21.1	+ - 0.6; 3.2	16.5	+ - 0.7; 4.3	18.5	+ - 2.9
12	140	2.0	22.2	+ - 0.7; 3.3	17.5	+ - 0.7; 4.4	18.3	+ - 2.1
13	158	2.5	22.8	+ - 0.7; 3.4	18.1	+ - 0.8; 4.5	17.8	+ - 1.0
14	183	3.7	23.1	+ - 0.7; 3.5	18.4	+ - 0.8; 4.5	19.1	+ - 1.1
15	188	1.7	23.9	+ - 0.7; 3.6	19.2	+ - 0.8; 4.6	18.5	+ - 1.2
16	202	0.7	22.3	+ - 0.7; 3.3	17.6	+ - 0.7; 4.4	17.4	+ - 1.0
17	237	0.7	23.1	+ - 0.7; 3.5	18.4	+ - 0.8; 4.5	19.0	+ - 2.0
18	312	11.0	25.3	+ - 0.8; 3.8	20.6	+ - 0.8; 4.8	17.7	+ - 1.8
19	292	10.0	23.0	+ - 0.7; 3.4	18.3	+ - 0.8; 4.5	17.6	+ - 1.0
20	268	9.0	22.5	+ - 0.7; 3.4	17.8	+ - 0.8; 4.4	18.0	+ - 0.8
21	247	8.0	23.5	+ - 0.7; 3.5	18.8	+ - 0.8; 4.6	20.1	+ - 2.3
22	225	8.0	23.0	+ - 0.7; 3.5	18.3	+ - 0.8; 4.5	17.6	+ - 1.0
23	220	8.0	24.5	+ - 0.7; 3.7	19.7	+ - 0.8; 4.7	19.4	+ - 2.0
24	205	5.5	22.4	+ - 0.7; 3.4	17.7	+ - 0.7; 4.4	16.5	+ - 2.4
25	157	4.0	23.6	+ - 0.7; 3.5	18.9	+ - 0.8; 4.6	20.4	+ - 2.3
26	134	5.0	21.2	+ - 0.6; 3.2	16.5	+ - 0.7; 4.3	16.1	+ - 0.9
27	115	4.2	24.3	+ - 0.7; 3.6	19.5	+ - 0.8; 4.6	20.7	+ - 2.5
28	95	3.5	24.8	+ - 0.7; 3.7	20.1	+ - 0.8; 4.7	20.7	+ - 2.2
29	67	3.4	25.2	+ - 0.8; 3.8	20.5	+ - 0.8; 4.7	19.4	+ - 1.1
30	48	4.5	21.4	+ - 0.6; 3.2	16.8	+ - 0.7; 4.3	16.7	+ - 0.8
31	14	6.5	24.4	+ - 0.7; 3.7	19.7	+ - 0.8; 4.7	18.8	+ - 1.0
32	2	5.1	23.9	+ - 0.7; 3.6	19.2	+ - 0.8; 4.6	18.7	+ - 0.9
33	335	3.6	22.2	+ - 0.7; 3.3	17.5	+ - 0.7; 4.4	16.2	+ - 1.0
34	288	4.3	23.4	+ - 0.7; 3.5	18.6	+ - 0.8; 4.5	18.9	+ - 1.1
35	310	5.2	24.2	+ - 0.7; 3.6	19.5	+ - 0.8; 4.6	18.7	+ - 1.1
36	264	3.2	18.6	+ - 0.6; 2.8	14.0	+ - 0.7; 4.0	14.3	+ - 0.9
37	237	3.0	24.1	+ - 0.7; 3.6	19.4	+ - 0.8; 4.6	19.5	+ - 1.8
38	270	15.0	19.8	+ - 0.6; 3.0	15.2	+ - 0.7; 4.2	16.3	+ - 1.8
39	270	15.0	19.1	+ - 0.6; 2.9	14.5	+ - 0.7; 4.1	16.4	+ - 2.8
40	203	20.0	23.8	+ - 0.7; 3.6	19.1	+ - 0.8; 4.6	18.4	+ - 0.8

Transit Dose = 4.1 +- 0.4; 3.1

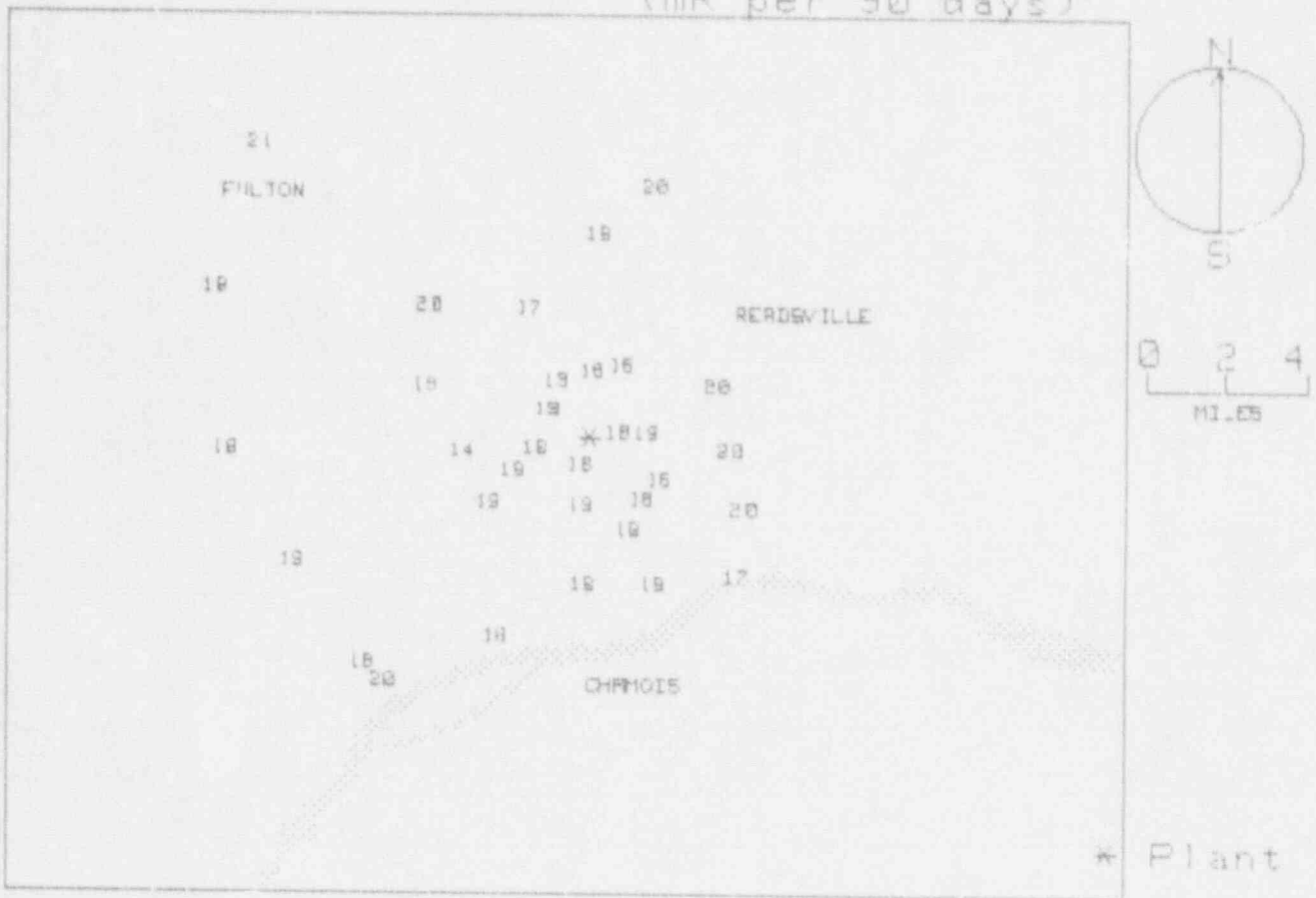
CALLAWAY
For the period 911203-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.6 +- 0.9	2
11.26 - 33.75 NNE	17.7 +- 2.8	2
33.76 - 56.25 NE	16.8 +- 0.0	1
56.26 - 78.75 ENE	19.2 +- 1.8	2
78.76 - 101.25 E	19.0 +- 1.0	3
101.26 - 123.75 ESE	18.0 +- 2.2	2
123.76 - 146.25 SE	17.0 +- 0.7	2
146.26 - 168.75 SSE	18.5 +- 0.6	2
168.76 - 191.25 S	18.8 +- 0.5	2
191.26 - 213.75 SSW	17.7 +- 0.0	2
213.76 - 236.25 SW	19.0 +- 1.0	2
236.26 - 258.75 WSW	18.9 +- 0.4	4
258.76 - 281.25 W	16.7 +- 2.3	3
281.26 - 303.75 WNW	18.4 +- 0.2	3
303.76 - 326.25 NW	19.6 +- 0.9	3
326.26 - 348.75 NNW	18.0 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 0.9	14
2 - 5	18.2 +- 1.7	13
> 5	19.0 +- 0.9	10
Upwind Control	16.3 +- 2.5	3

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



CALVERT CLIFFS

TLD Direct Radiation Environmental Monitoring

For the period 911205-920428 146 Days

Field Time: 106 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	275	1.5	16.2	+- 0.5; 2.4	13.2	+- 0.5; 3.4	12.7	+- 3.2
3	284	1.7	16.5	+- 0.5; 2.5	13.5	+- 0.5; 3.4	12.3	+- 2.9
4	323	2.4	18.2	+- 0.5; 2.7	14.9	+- 0.5; 3.5	12.5	+- 2.6
5	297	3.1	16.8	+- 0.5; 2.5	13.7	+- 0.5; 3.4	12.9	+- 3.1
6	324	4.7	17.1	+- 0.5; 2.6	13.9	+- 0.5; 3.4	13.0	+- 3.1
7	324	5.5	17.8	+- 0.5; 2.7	14.6	+- 0.5; 3.5	11.4	+- 2.7
8	256	6.1	14.7	+- 0.4; 2.2	11.9	+- 0.4; 3.3	11.0	+- 3.3
9	273	4.1	17.2	+- 0.5; 2.6	14.0	+- 0.5; 3.5	12.2	+- 2.7
10	253	3.7	18.6	+- 0.6; 2.8	15.3	+- 0.5; 3.6	13.6	+- 3.1
11	230	4.0	18.6	+- 0.6; 2.8	15.2	+- 0.5; 3.6	13.7	+- 2.9
12	243	1.3	18.3	+- 0.5; 2.7	15.0	+- 0.5; 3.5	13.2	+- 2.7
13	222	1.5	18.4	+- 0.6; 2.8	15.1	+- 0.5; 3.6	14.1	+- 3.4
14	208	1.8	16.3	+- 0.5; 2.4	13.3	+- 0.5; 3.4	11.0	+- 2.5
15	176	2.4	20.1	+- 0.6; 3.0	16.5	+- 0.6; 3.7	15.2	+- 3.5
16	160	1.5	21.4	+- 0.6; 3.2	17.6	+- 0.6; 3.8	14.6	+- 3.0
19	159	3.8	19.0	+- 0.6; 2.8	15.6	+- 0.5; 3.6	12.9	+- 2.7
20	139	4.7	14.3	+- 0.4; 2.1	11.6	+- 0.4; 3.2	11.6	+- 2.9
21	201	4.0	18.3	+- 0.5; 2.7	15.0	+- 0.5; 3.5	12.4	+- 2.6
22	187	4.7	17.1	+- 0.5; 2.6	13.9	+- 0.5; 3.4	12.0	+- 2.4
23	201	8.7	18.6	+- 0.6; 2.8	15.2	+- 0.5; 3.6	12.9	+- 2.7
24	190	7.8	16.5	+- 0.5; 2.5	13.5	+- 0.5; 3.4	11.5	+- 2.5
25	325	6.7	18.3	+- 0.5; 2.7	14.9	+- 0.5; 3.5	12.1	+- 2.5
26	314	11.0	17.1	+- 0.5; 2.6	14.0	+- 0.5; 3.4	11.5	+- 2.4
27	314	11.0	16.6	+- 0.5; 2.5	13.5	+- 0.5; 3.4	11.8	+- 2.5
28	315	10.0	18.5	+- 0.6; 2.8	15.1	+- 0.5; 3.6	14.0	+- 3.3
29	186	12.0	19.9	+- 0.6; 3.0	16.4	+- 0.6; 3.7	13.9	+- 3.0

Transit Dose = 0.7 +- 0.3; 3.1

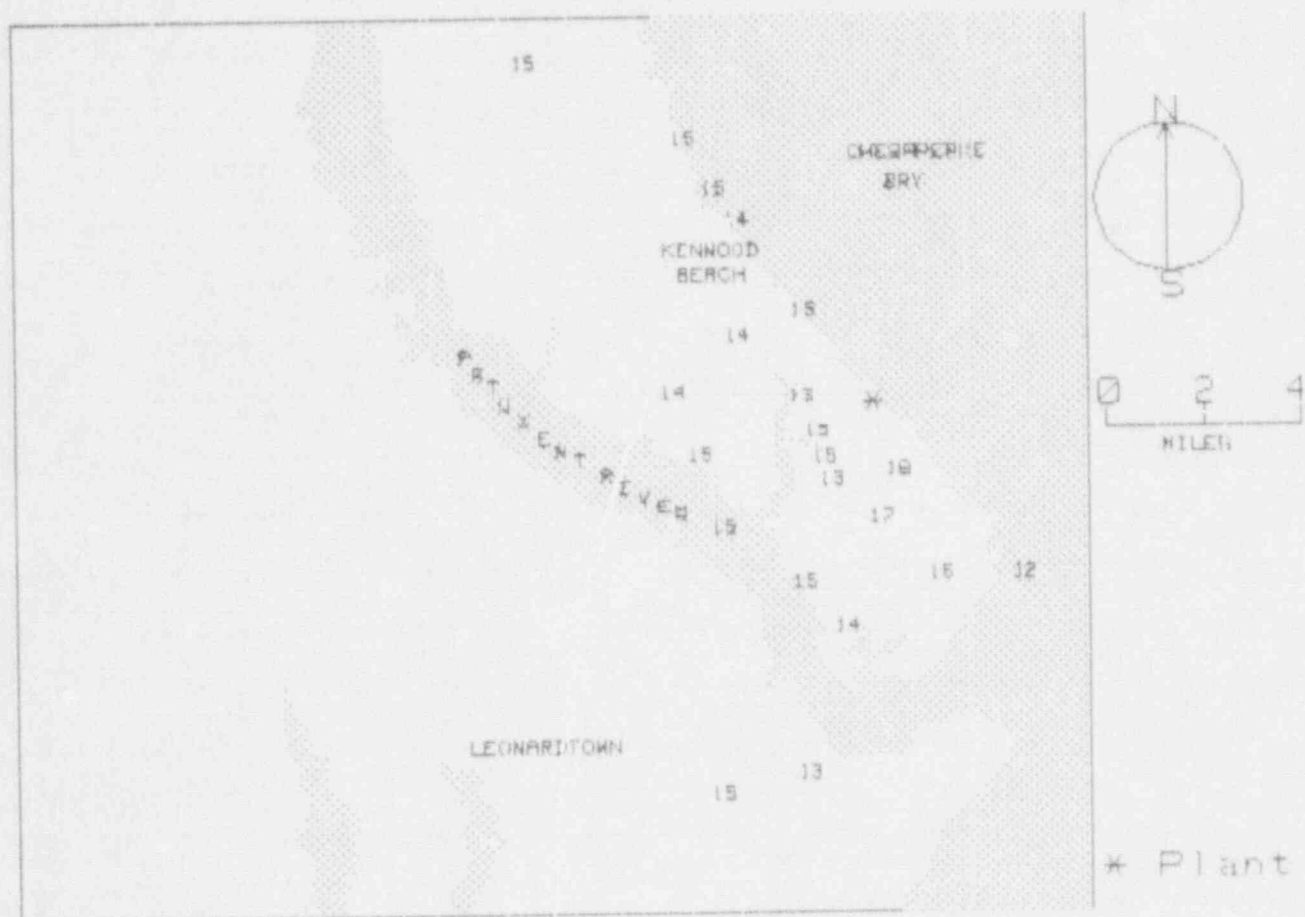
CALVERT CLIFFS
For the period 911205-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	11.6 +- 0.0	1
146.26 - 168.75 SSE	16.6 +- 1.4	2
168.76 - 191.25 S	15.1 +- 1.6	4
191.26 - 213.75 SSW	14.5 +- 1.0	3
213.76 - 236.25 SW	15.1 +- 0.1	2
236.26 - 258.75 WSW	14.1 +- 1.8	3
258.76 - 281.25 W	13.6 +- 0.6	2
281.26 - 303.75 WNW	13.6 +- 0.2	2
303.76 - 326.25 NW	14.6 +- 0.5	4
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.6 +- 1.7	6
2 - 5	14.5 +- 1.3	11
> 5	14.4 +- 1.5	6
Upwind Control	14.2 +- 0.8	3

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



CATAWBA

TLD Direct Radiation Environmental Monitoring
 For the period 911203-920422 142 Days
 Field Time: 76 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	134	0.1	29.6	+- 0.9; 4.4	21.5	+- 1.2; 6.6	18.2	+- 3.7
2	162	0.4	25.4	+- 0.8; 3.8	16.5	+- 1.1; 6.0	15.3	+- 3.1
3	132	0.8	Damaged Dosimeter		No Net Data		18.1	+- 3.6
4	111	1.3	25.6	+- 0.8; 3.8	16.8	+- 1.1; 6.0	15.5	+- 2.9
5	45	0.7	25.8	+- 0.8; 3.9	17.0	+- 1.1; 6.0	15.5	+- 2.4
6	298	1.3	26.4	+- 0.8; 4.0	17.7	+- 1.1; 6.1	17.2	+- 3.1
7	4	0.6	25.7	+- 0.8; 3.8	16.8	+- 1.1; 6.0	14.8	+- 3.1
8	332	1.5	27.2	+- 0.8; 4.1	18.6	+- 1.2; 6.2	19.4	+- 3.4
9	318	1.6	23.0	+- 0.7; 3.4	13.7	+- 1.0; 5.7	12.4	+- 3.0
10	176	1.8	25.9	+- 0.8; 3.9	17.1	+- 1.1; 6.1	16.4	+- 3.4
11	203	1.5	Missing Dosimeter		No Net Data		16.8	+- 3.7
12	225	1.5	24.5	+- 0.7; 3.7	15.5	+- 1.1; 5.9	17.1	+- 3.4
13	250	1.9	25.3	+- 0.8; 3.8	16.4	+- 1.1; 6.0	14.0	+- 3.4
14	270	1.4	22.9	+- 0.7; 3.4	13.6	+- 1.0; 5.7	12.3	+- 3.1
15	331	3.0	24.9	+- 0.7; 3.7	15.9	+- 1.1; 5.9	13.5	+- 3.2
16	311	3.9	22.8	+- 0.7; 3.4	13.4	+- 1.0; 5.7	13.0	+- 3.4
17	296	9.5	27.8	+- 0.8; 4.2	19.4	+- 1.2; 6.3	17.8	+- 3.0
18	324	4.8	24.3	+- 0.7; 3.6	15.2	+- 1.1; 5.8	15.2	+- 3.6
19	352	4.8	22.5	+- 0.7; 3.4	13.2	+- 1.0; 5.6	12.9	+- 3.2
20	22	4.0	27.4	+- 0.8; 4.1	18.9	+- 1.2; 6.3	16.3	+- 3.3
21	290	3.9	25.6	+- 0.8; 3.8	16.8	+- 1.1; 6.0	14.8	+- 2.9
22	266	4.0	25.7	+- 0.8; 3.9	16.9	+- 1.1; 6.0	15.9	+- 3.1
23	251	4.0	21.0	+- 0.6; 3.2	11.3	+- 1.0; 5.4	10.8	+- 3.4
24	229	3.9	22.7	+- 0.7; 3.4	13.3	+- 1.0; 5.6	11.9	+- 3.5
25	202	4.4	25.6	+- 0.8; 3.8	16.8	+- 1.1; 6.0	17.0	+- 2.7
26	51	4.3	26.8	+- 0.8; 4.0	18.3	+- 1.1; 6.2	17.8	+- 2.8
27	64	7.9	22.1	+- 0.7; 3.3	12.7	+- 1.0; 5.6	11.5	+- 3.0
28	61	4.9	25.2	+- 0.8; 3.8	16.4	+- 1.1; 6.0	15.0	+- 3.3
29	49	1.9	23.4	+- 0.7; 3.5	14.1	+- 1.0; 5.7	15.1	+- 4.1
30	64	1.8	24.2	+- 0.7; 3.6	15.2	+- 1.1; 5.8	14.5	+- 3.0
31	87	1.6	23.7	+- 0.7; 3.6	14.6	+- 1.1; 5.8	13.8	+- 3.0
32	121	2.6	24.0	+- 0.7; 3.6	14.9	+- 1.1; 5.8	15.0	+- 3.1
33	114	7.6	23.8	+- 0.7; 3.6	14.6	+- 1.1; 5.8	14.5	+- 3.4
34	93	4.5	28.0	+- 0.8; 4.2	19.6	+- 1.2; 6.3	16.7	+- 3.6
35	132	4.3	Damaged Dosimeter		No Net Data		20.1	+- 2.9
36	163	8.9	21.3	+- 0.6; 3.2	11.7	+- 1.0; 5.5	15.5	+- 5.5
37	173	4.9	22.8	+- 0.7; 3.4	13.5	+- 1.0; 5.7	13.2	+- 2.7
38	157	4.6	26.8	+- 0.8; 4.0	18.2	+- 1.1; 6.2	17.9	+- 2.6
39	248	10.0	31.0	+- 0.9; 4.7	23.2	+- 1.3; 6.8	16.1	+- 3.6
40	229	12.0	23.5	+- 0.7; 3.5	14.3	+- 1.0; 5.7	14.7	+- 2.5
41	218	13.0	23.2	+- 0.7; 3.5	13.9	+- 1.0; 5.7	12.7	+- 3.5
42	213	16.0	23.0	+- 0.7; 3.5	13.7	+- 1.0; 5.7	15.3	+- 2.5

Transit Loss = 11.4 +- 0.5; 3.3

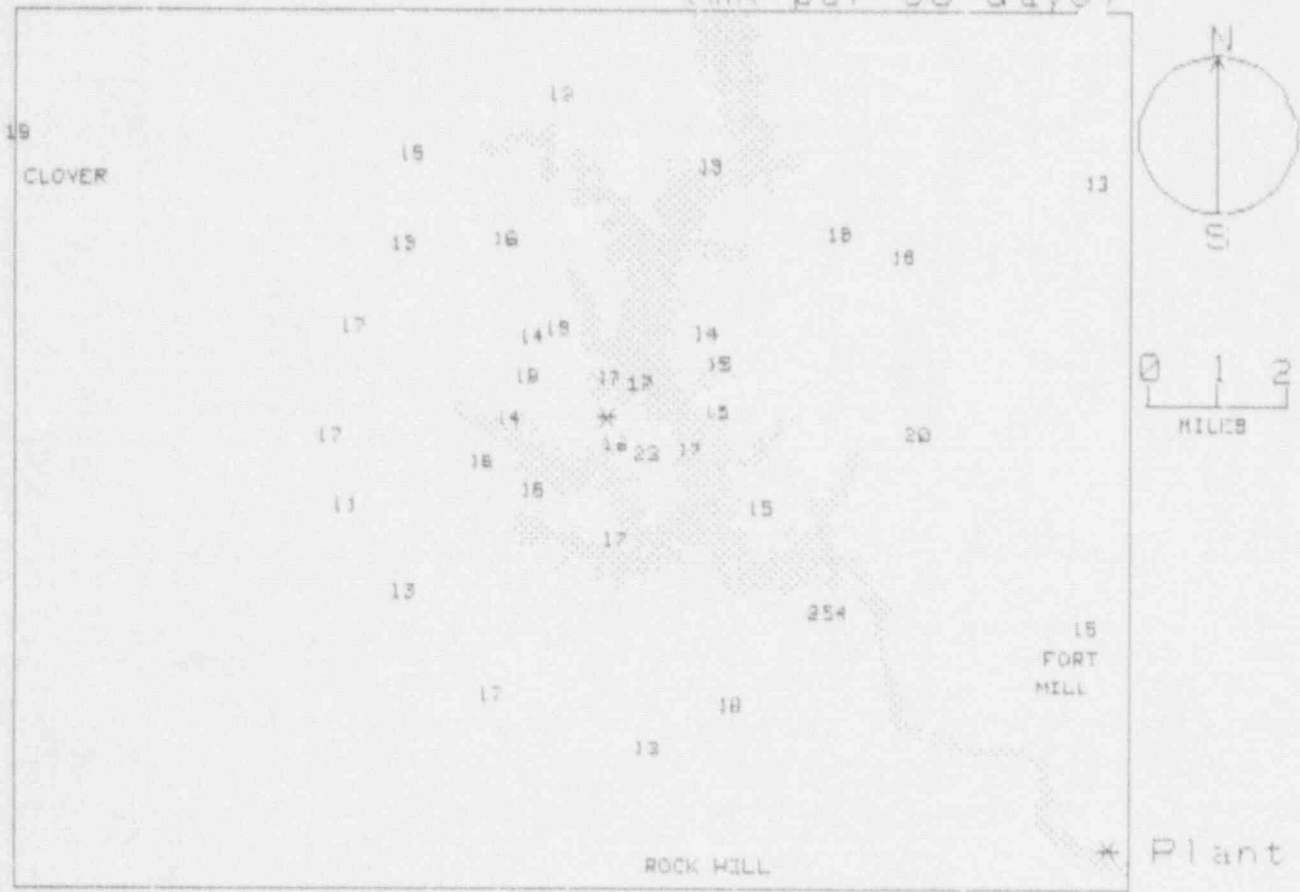
CATAWBA
For the period 911203-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.0 +- 2.6	2
11.26 - 33.75 NNE	18.9 +- 0.0	1
33.76 - 56.25 NE	16.5 +- 2.1	3
56.26 - 78.75 ENE	14.7 +- 1.9	3
78.76 - 101.25 E	17.1 +- 3.6	2
101.26 - 123.75 ESE	15.4 +- 1.2	3
123.76 - 146.25 SE	21.5 +- 0.0	1
146.26 - 168.75 SSE	15.5 +- 3.4	3
168.76 - 191.25 S	15.3 +- 2.6	2
191.26 - 213.75 SSW	16.8 +- 0.0	1
213.76 - 236.25 SW	14.4 +- 1.6	2
236.26 - 258.75 WSW	17.0 +- 6.0	3
258.76 - 281.25 W	15.2 +- 2.4	2
281.26 - 303.75 WNW	18.0 +- 1.3	3
303.76 - 326.25 NW	14.1 +- 1.0	3
326.26 - 348.75 NNW	17.3 +- 1.9	2

Distance From Ref. tor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 2.1	15
2 - 5	15.8 +- 2.4	16
> 5	16.3 +- 4.9	5
Upwind Control	14.0 +- 0.3	3

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



CLINTON

TLD Direct Radiation Environmental Monitoring
 For the period 911202-920423 142 Days
 Field Time: 79 Days

NRC Sta	Location		Gross Exposure (R)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm; Tot.		+Rdm; Tot.		+1 Std Dev	
1	5	0.6	22.3 +- 0.7; 3.3		18.2 +- 0.9; 5.0		19.1 +- 2.6	
2	40	0.7	22.8 +- 0.7; 3.4		18.7 +- 0.9; 5.1		18.7 +- 1.7	
3	35	0.8	24.2 +- 0.7; 3.6		20.4 +- 0.9; 5.3		21.1 +- 1.9	
4	163	0.5	23.4 +- 0.7; 3.5		19.4 +- 0.9; 5.1		19.5 +- 1.9	
5	210	0.5	25.2 +- 0.8; 3.8		21.5 +- 1.0; 5.4		19.4 +- 1.9	
6	223	0.6	22.7 +- 0.7; 3.4		18.6 +- 0.9; 5.0		19.6 +- 1.9	
7	235	0.8	22.7 +- 0.7; 3.4		18.6 +- 0.9; 5.0		18.9 +- 1.7	
8	62	1.9	22.3 +- 0.7; 3.3		18.3 +- 0.9; 5.0		18.5 +- 1.7	
9	78	1.8	21.2 +- 0.6; 3.2		17.0 +- 0.8; 4.9		18.6 +- 1.5	
10	79	2.6	20.6 +- 0.6; 3.1		16.3 +- 0.8; 4.8		19.0 +- 2.1	
11	100	2.3	22.6 +- 0.7; 3.4		18.6 +- 0.9; 5.0		18.5 +- 1.6	
12	115	3.0	19.2 +- 0.6; 2.9		14.7 +- 0.8; 4.6		16.3 +- 1.7	
13	127	3.2	21.7 +- 0.7; 3.3		17.6 +- 0.9; 4.9		18.6 +- 1.7	
14	155	2.1	21.5 +- 0.6; 3.2		17.3 +- 0.9; 4.9		19.0 +- 1.7	
15	185	3.0	21.9 +- 0.7; 3.3		17.8 +- 0.9; 5.0		19.5 +- 2.1	
16	203	3.2	22.1 +- 0.7; 3.3		18.0 +- 0.9; 5.0		18.0 +- 1.8	
17	230	3.7	21.1 +- 0.6; 3.2		16.9 +- 0.8; 4.9		17.9 +- 1.9	
18	255	2.8	23.3 +- 0.7; 3.5		19.4 +- 0.9; 5.1		19.2 +- 1.8	
19	275	2.3	23.7 +- 0.7; 3.6		19.8 +- 0.9; 5.2		18.4 +- 1.7	
20	302	0.9	22.0 +- 0.7; 3.3		17.8 +- 0.9; 5.0		17.9 +- 1.7	
21	336	0.8	21.9 +- 0.7; 3.3		17.8 +- 0.9; 4.9		17.9 +- 2.0	
22	0	0.6	21.4 +- 0.6; 3.2		17.2 +- 0.9; 4.9		18.7 +- 2.1	
23	358	4.6	22.4 +- 0.7; 3.4		18.4 +- 0.9; 5.0		19.2 +- 1.9	
24	20	3.9	22.7 +- 0.7; 3.4		18.7 +- 0.9; 5.1		18.4 +- 1.8	
25	46	5.0	22.4 +- 0.7; 3.4		18.4 +- 0.9; 5.0		19.0 +- 1.6	
26	62	5.5	21.9 +- 0.7; 3.3		17.7 +- 0.9; 4.9		17.0 +- 1.7	
27	90	4.8	22.5 +- 0.7; 3.4		18.5 +- 0.9; 5.0		17.7 +- 1.9	
28	115	5.2	21.0 +- 0.6; 3.2		16.7 +- 0.8; 4.8		17.4 +- 1.6	
29	128	5.1	22.6 +- 0.7; 3.4		18.5 +- 0.9; 5.0		18.3 +- 1.8	
30	153	5.8	21.7 +- 0.7; 3.3		17.5 +- 0.9; 4.9		18.5 +- 1.7	
31	173	5.2	22.7 +- 0.7; 3.4		18.6 +- 0.9; 5.0		18.0 +- 1.6	
32	205	4.7	22.4 +- 0.7; 3.4		18.3 +- 0.9; 5.0		18.2 +- 1.7	
33	233	6.1	22.1 +- 0.7; 3.3		18.0 +- 0.9; 5.0		18.2 +- 1.8	
34	252	5.8	20.2 +- 0.6; 3.0		15.8 +- 0.8; 4.7		18.1 +- 2.4	
35	260	6.6	19.1 +- 0.6; 2.9		14.6 +- 0.8; 4.6		18.3 +- 1.9	
36	272	4.8	22.6 +- 0.7; 3.4		18.6 +- 0.9; 5.0		18.6 +- 1.8	
37	288	4.8	20.6 +- 0.6; 3.1		16.3 +- 0.8; 4.8		17.7 +- 1.8	
38	297	7.6	20.8 +- 0.6; 3.1		16.5 +- 0.8; 4.8		16.3 +- 1.7	
39	315	5.1	20.2 +- 0.6; 3.0		15.8 +- 0.8; 4.7		18.9 +- 2.0	
40	342	4.8	21.6 +- 0.6; 3.2		17.4 +- 0.9; 4.9		18.3 +- 1.6	
41	65	12.0	23.4 +- 0.7; 3.5		19.4 +- 0.9; 5.1		17.9 +- 2.2	
42	148	12.0	22.1 +- 0.7; 3.3		18.0 +- 0.9; 5.0		18.6 +- 2.1	
43	148	12.0	23.2 +- 0.7; 3.5		19.2 +- 0.9; 5.1		18.9 +- 1.7	
44	206	14.0	19.9 +- 0.6; 3.0		15.5 +- 0.8; 4.7		16.0 +- 1.7	

Transit Dose = 6.3 +- 0.4; 2.8

CLINTON

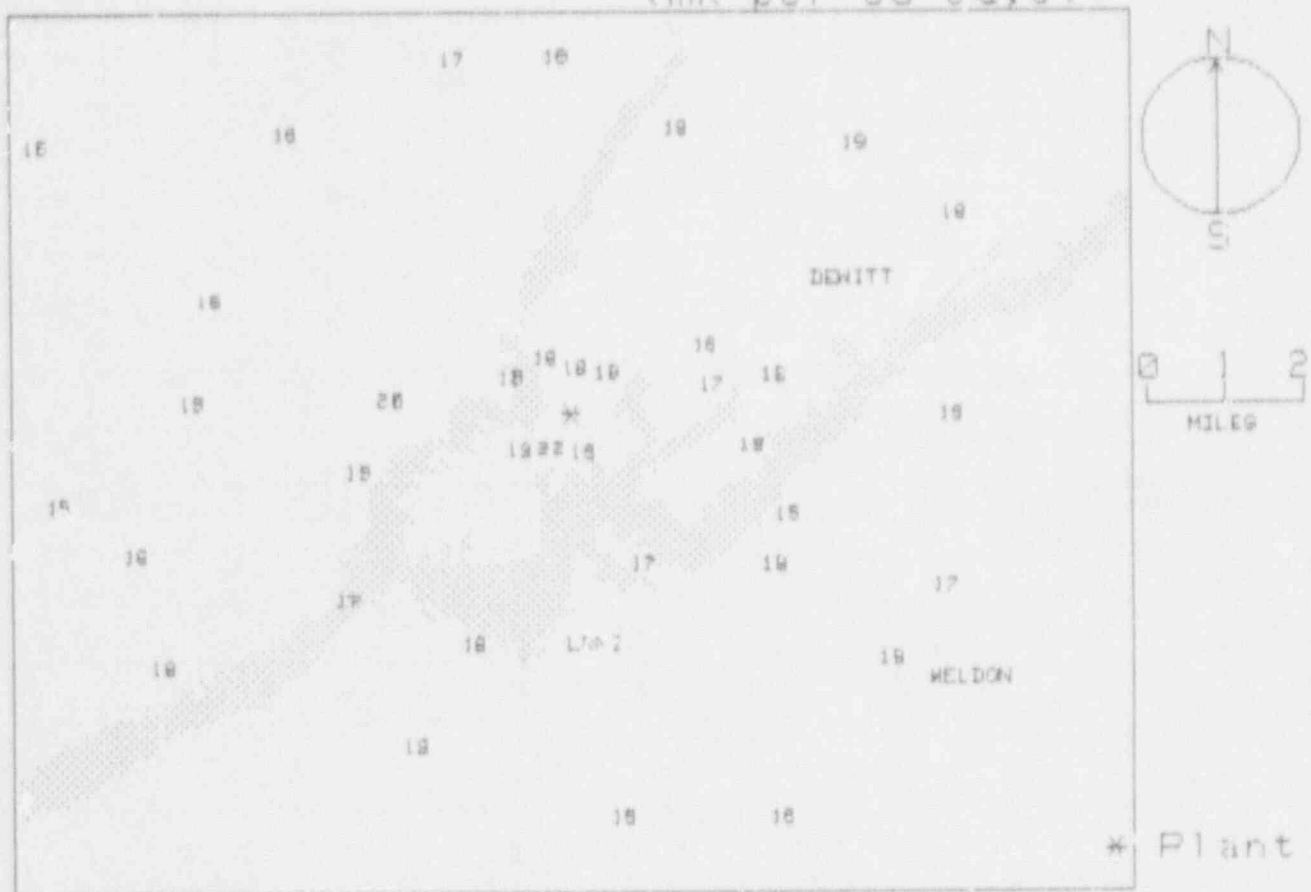
For the period 911202-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.9 +- 0.7	3
11.26 - 33.75 NNE	18.7 +- 0.0	1
33.76 - 56.25 NE	19.2 +- 1.1	3
56.26 - 78.75 ENE	18.1 +- 1.0	4
78.76 - 101.25 E	17.8 +- 1.3	3
101.26 - 123.75 ESE	15.7 +- 1.4	2
123.76 - 146.25 SE	18.1 +- 0.7	2
146.26 - 168.75 SSE	18.1 +- 1.2	3
168.76 - 191.25 S	18.2 +- 0.6	2
191.26 - 213.75 SSW	19.3 +- 2.0	3
213.76 - 236.25 SW	18.1 +- 1.0	3
236.26 - 258.75 WSW	17.7 +- 1.8	3
258.76 - 281.25 W	17.7 +- 2.7	3
281.26 - 303.75 WNW	16.9 +- 0.9	3
303.76 - 326.25 NW	15.8 +- 0.0	1
326.26 - 348.75 NNW	17.6 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.6 +- 1.3	12
2 - 5	17.8 +- 1.2	18
> 5	17.2 +- 1.5	11
Upwind Control	17.6 +- 1.9	3

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



COMANCHE PEAK

TLR Direct Radiation Environmental Monitoring
For the period 911202-920430 151 Days
Field Time: 78 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	
1	306	1.4	22.5	+ - 0.7; 3.4	16.2	+ - 0.9; 5.2	15.1	+ - 1.0
2	285	1.5	22.4	+ - 0.7; 3.4	16.1	+ - 0.9; 5.2	15.3	+ - 1.3
3*	268	1.1	19.4	+ - 0.6; 2.9	12.7	+ - 0.8; 4.9	14.3	+ - 0.9
4*	253	0.9	21.3	+ - 0.6; 3.2	14.9	+ - 0.9; 5.1	15.4	+ - 1.2
5*	218	1.0	21.1	+ - 0.6; 3.2	14.6	+ - 0.9; 5.1	15.8	+ - 1.4
6*	200	1.0	21.1	+ - 0.6; 3.2	14.6	+ - 0.9; 5.1	13.2	+ - 0.9
7*	180	1.4	20.3	+ - 0.6; 3.0	13.7	+ - 0.9; 5.0	13.8	+ - 1.2
8*	163	1.6	24.7	+ - 0.7; 3.7	18.8	+ - 1.0; 5.5	15.7	+ - 1.1
9*	140	1.3	21.7	+ - 0.6; 3.2	15.3	+ - 0.9; 5.1	15.6	+ - 0.9
10*	118	1.5	20.8	+ - 0.6; 3.1	14.3	+ - 0.9; 5.0	13.4	+ - 1.0
11	93	1.9	20.3	+ - 0.6; 3.0	13.7	+ - 0.9; 5.0	14.5	+ - 2.8
12	73	2.4	22.4	+ - 0.7; 3.4	16.1	+ - 0.9; 5.2	17.2	+ - 1.1
13*	245	1.7	19.8	+ - 0.6; 3.0	13.1	+ - 0.9; 4.9	13.9	+ - 0.9
14*	156	4.3	19.0	+ - 0.6; 2.9	12.2	+ - 0.8; 4.8	13.8	+ - 1.3
15*	186	7.0	22.2	+ - 0.7; 3.3	15.9	+ - 0.9; 5.2	14.9	+ - 1.6
16*	183	4.1	19.9	+ - 0.6; 3.0	13.3	+ - 0.9; 4.9	16.2	+ - 1.4
17*	205	4.3	21.4	+ - 0.6; 3.2	15.0	+ - 0.9; 5.1	15.3	+ - 0.9
18*	225	3.4	20.3	+ - 0.6; 3.0	13.7	+ - 0.9; 5.0	12.9	+ - 1.2
19*	245	5.2	21.0	+ - 0.6; 3.1	14.5	+ - 0.9; 5.0	15.4	+ - 0.8
20*	264	5.8	20.0	+ - 0.6; 3.0	13.4	+ - 0.9; 4.9	13.6	+ - 0.9
21*	258	3.2	18.0	+ - 0.5; 2.7	11.1	+ - 0.8; 4.7	13.6	+ - 1.1
22*	284	5.1	20.7	+ - 0.6; 3.1	14.2	+ - 0.9; 5.0	13.3	+ - 1.1
23*	313	5.8	21.5	+ - 0.6; 3.2	15.1	+ - 0.9; 5.1	14.9	+ - 1.0
24*	332	4.9	22.5	+ - 0.7; 3.4	16.2	+ - 0.9; 5.2	14.2	+ - 1.0
25*	9	4.6	22.4	+ - 0.7; 3.4	16.1	+ - 0.9; 5.2	14.8	+ - 1.4
26*	26	4.5	21.8	+ - 0.7; 3.3	15.5	+ - 0.9; 5.2	14.4	+ - 1.3
27*	47	4.1	20.6	+ - 0.6; 3.1	14.1	+ - 0.9; 5.0	14.2	+ - 1.1
28	6	1.8	22.1	+ - 0.7; 3.3	15.8	+ - 0.9; 5.2	14.7	+ - 1.1
29*	16	1.9	20.4	+ - 0.6; 3.1	13.9	+ - 0.9; 5.0	14.4	+ - 1.2
30*	102	3.0	24.6	+ - 0.7; 3.7	18.6	+ - 1.0; 5.5	15.4	+ - 1.4
31*	108	3.9	22.8	+ - 0.7; 3.4	16.6	+ - 0.9; 5.3	14.7	+ - 1.5
32*	135	4.6	22.2	+ - 0.7; 3.3	15.8	+ - 0.9; 5.2	15.5	+ - 1.5
33*	152	6.3	23.3	+ - 0.7; 3.5	17.2	+ - 1.0; 5.4	13.5	+ - 1.1
34*	47	2.9	21.9	+ - 0.7; 3.3	15.6	+ - 0.9; 5.2	13.3	+ - 1.6
35*	85	4.8	24.6	+ - 0.7; 3.7	18.7	+ - 1.0; 5.5	15.1	+ - 1.6
36*	115	7.5	22.8	+ - 0.7; 3.4	16.6	+ - 0.9; 5.3	15.0	+ - 1.4
37*	355	9.4	20.9	+ - 0.6; 3.1	14.4	+ - 0.9; 5.0	14.6	+ - 2.9
38	337	9.2	Missing	Dosimeter	No Net Data		14.2	+ - 1.5
39	310	9.9	Missing	Dosimeter	No Net Data		14.5	+ - 1.6
40	302	8.1	Missing	Dosimeter	No Net Data		13.7	+ - 1.5
41	248	7.9	Missing	Dosimeter	No Net Data		15.8	+ - 1.4
42	90	0.5	Missing	Dosimeter	No Net Data		13.7	+ - 1.6
43	18	9.8	Missing	Dosimeter	No Net Data		15.1	+ - 1.6
44	263	1.7	Missing	Dosimeter	No Net Data		13.0	+ - 1.5
45	218	12.0	Missing	Dosimeter	No Net Data		15.0	+ - 1.5
46	140	12.0	Missing	Dosimeter	No Net Data		14.6	+ - 1.5
47	301	21.0	Missing	Dosimeter	No Net Data		14.7	+ - 1.5

Transit Dose = 8.4 + - 0.4; 3.0

* Those TLDs marked with an asterisk, as well as those designated "Missing", were not placed in their normal locations during the first quarter of 1992. Only numbers 1, 2, 11, 12, and 28 were correctly placed. Refer to explanation in the Preface (Page 2).

COMANCHE PEAK
For the period 911202-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.4 +- 0.9	3
11.26 - 33.75 NNE	14.7 +- 1.2	2
33.76 - 56.25 NE	14.8 +- 1.1	2
56.26 - 78.75 ENE	16.1 +- 0.0	1
78.76 - 101.25 E	16.2 +- 3.5	2
101.26 - 123.75 ESE	16.5 +- 1.8	4
123.76 - 146.25 SE	15.6 +- 0.4	2
146.26 - 168.75 SSE	16.1 +- 3.4	3
168.76 - 191.25 S	14.3 +- 1.4	3
191.26 - 213.75 SSW	14.8 +- 0.3	2
213.76 - 236.25 SW	14.1 +- 0.6	2
236.26 - 258.75 WSW	13.4 +- 1.7	4
258.76 - 281.25 W	13.1 +- 0.5	2
281.26 - 303.75 WNW	15.2 +- 1.4	2
303.76 - 326.25 NW	15.6 +- 0.8	2
326.26 - 348.75 NNW	16.2 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.8 +- 1.6	14
2 - 5	15.2 +- 2.1	15
> 5	15.1 +- 1.3	8
Upwind Control	No Data +- No Data	0

MAP FOR COMANCHE PEAK

Due to the large number of incorrectly placed TLDs, no map is provided for Comanche Peak for this quarter.

Refer to explanation in Preface (page 2).

COOPER

TLD Direct Radiation Environmental Monitoring

For the period 911202-920506 157 Days

Field Time: 116 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	363	2.4	29.0 +- 0.9; 4.3	17.9 +- 0.8; 4.5	19.2 +- 4.1
2	6	3.5	30.1 +- 0.9; 4.5	18.7 +- 0.8; 4.6	20.9 +- 3.7
3	18	2.7	29.7 +- 0.9; 4.5	18.4 +- 0.8; 4.6	21.4 +- 3.7
4	16	3.2	32.5 +- 1.0; 4.9	20.6 +- 0.8; 4.8	21.3 +- 3.5
5	47	1.9	29.7 +- 0.9; 4.5	18.4 +- 0.8; 4.6	21.2 +- 3.5
6	40	3.6	28.6 +- 0.9; 4.3	17.6 +- 0.8; 4.5	20.5 +- 3.6
7	75	2.7	28.6 +- 0.9; 4.3	17.6 +- 0.8; 4.5	20.7 +- 3.8
8	55	2.8	29.8 +- 0.9; 4.5	18.5 +- 0.8; 4.6	20.6 +- 3.8
9	80	2.1	32.4 +- 1.0; 4.9	20.6 +- 0.8; 4.8	22.0 +- 3.6
10	98	3.7	28.8 +- 0.9; 4.3	17.8 +- 0.8; 4.5	20.2 +- 3.6
11	118	2.3	30.9 +- 0.9; 4.6	19.4 +- 0.8; 4.7	21.7 +- 3.5
12	109	4.6	30.9 +- 0.9; 4.6	19.4 +- 0.8; 4.7	21.8 +- 3.3
13	141	3.2	29.5 +- 0.9; 4.4	18.3 +- 0.8; 4.6	21.4 +- 3.4
14	126	5.6	28.4 +- 0.9; 4.3	17.4 +- 0.8; 4.5	19.1 +- 2.8
15	159	2.7	31.6 +- 0.9; 4.7	19.9 +- 0.8; 4.7	20.5 +- 3.8
16	167	4.9	31.7 +- 1.0; 4.8	20.0 +- 0.8; 4.8	21.5 +- 3.9
17	205	0.3	29.6 +- 0.9; 4.4	18.3 +- 0.8; 4.6	20.8 +- 3.2
18	186	4.7	30.7 +- 0.9; 4.6	19.2 +- 0.8; 4.7	21.9 +- 3.7
19	213	3.0	31.0 +- 0.9; 4.7	19.5 +- 0.8; 4.7	21.0 +- 3.5
20	195	4.9	31.9 +- 1.0; 4.8	20.2 +- 0.8; 4.8	22.0 +- 3.5
21	222	2.0	28.2 +- 0.8; 4.2	17.3 +- 0.7; 4.4	19.7 +- 3.4
22	215	5.7	31.1 +- 0.9; 4.7	19.5 +- 0.8; 4.7	22.0 +- 3.8
23	256	1.5	31.4 +- 0.9; 4.7	19.8 +- 0.8; 4.7	21.4 +- 3.6
24	238	5.2	31.3 +- 0.9; 4.7	19.7 +- 0.8; 4.7	21.9 +- 4.0
25	276	2.2	31.4 +- 0.9; 4.7	19.8 +- 0.8; 4.7	22.1 +- 3.3
26	260	3.8	31.6 +- 0.9; 4.7	19.9 +- 0.8; 4.7	22.0 +- 3.2
27	301	1.8	30.9 +- 0.9; 4.6	19.3 +- 0.8; 4.7	21.6 +- 3.3
28	286	4.3	30.8 +- 0.9; 4.6	19.3 +- 0.8; 4.7	21.4 +- 3.7
29	324	2.8	30.0 +- 0.9; 4.5	18.6 +- 0.8; 4.6	20.9 +- 4.0
30	333	3.7	30.4 +- 0.9; 4.6	18.9 +- 0.8; 4.6	21.5 +- 3.7
31	343	2.6	31.2 +- 0.9; 4.7	19.6 +- 0.8; 4.7	21.5 +- 3.3
32	333	3.7	30.2 +- 0.9; 4.5	18.8 +- 0.8; 4.6	21.1 +- 3.6
33	215	1.0	31.1 +- 0.9; 4.7	19.6 +- 0.8; 4.7	21.8 +- 3.9
34	175	18.0	31.2 +- 0.9; 4.7	19.6 +- 0.8; 4.7	22.3 +- 4.0
35	333	23.0	30.1 +- 0.9; 4.5	18.7 +- 0.8; 4.6	20.3 +- 3.7
36	210	19.0	30.6 +- 0.9; 4.6	19.1 +- 0.8; 4.7	21.3 +- 3.8
37	64	7.0	35.3 +- 1.1; 5.3	22.7 +- 0.9; 5.1	24.7 +- 4.6
38	329	9.0	31.1 +- 0.9; 4.7	19.5 +- 0.8; 4.7	23.1 +- 3.3
39	273	10.0	29.0 +- 0.9; 4.3	17.9 +- 0.8; 4.5	20.8 +- 4.1
40	300	2.5	32.7 +- 1.0; 4.9	20.7 +- 0.8; 4.8	23.8 +- 3.4
42	93	3.5	29.8 +- 0.9; 4.5	18.5 +- 0.8; 4.6	20.6 +- 3.6
43	270	2.2	30.7 +- 0.9; 4.6	19.2 +- 0.8; 4.7	21.5 +- 3.6

Transit Dose = 6.0 +- 0.5; 3.9

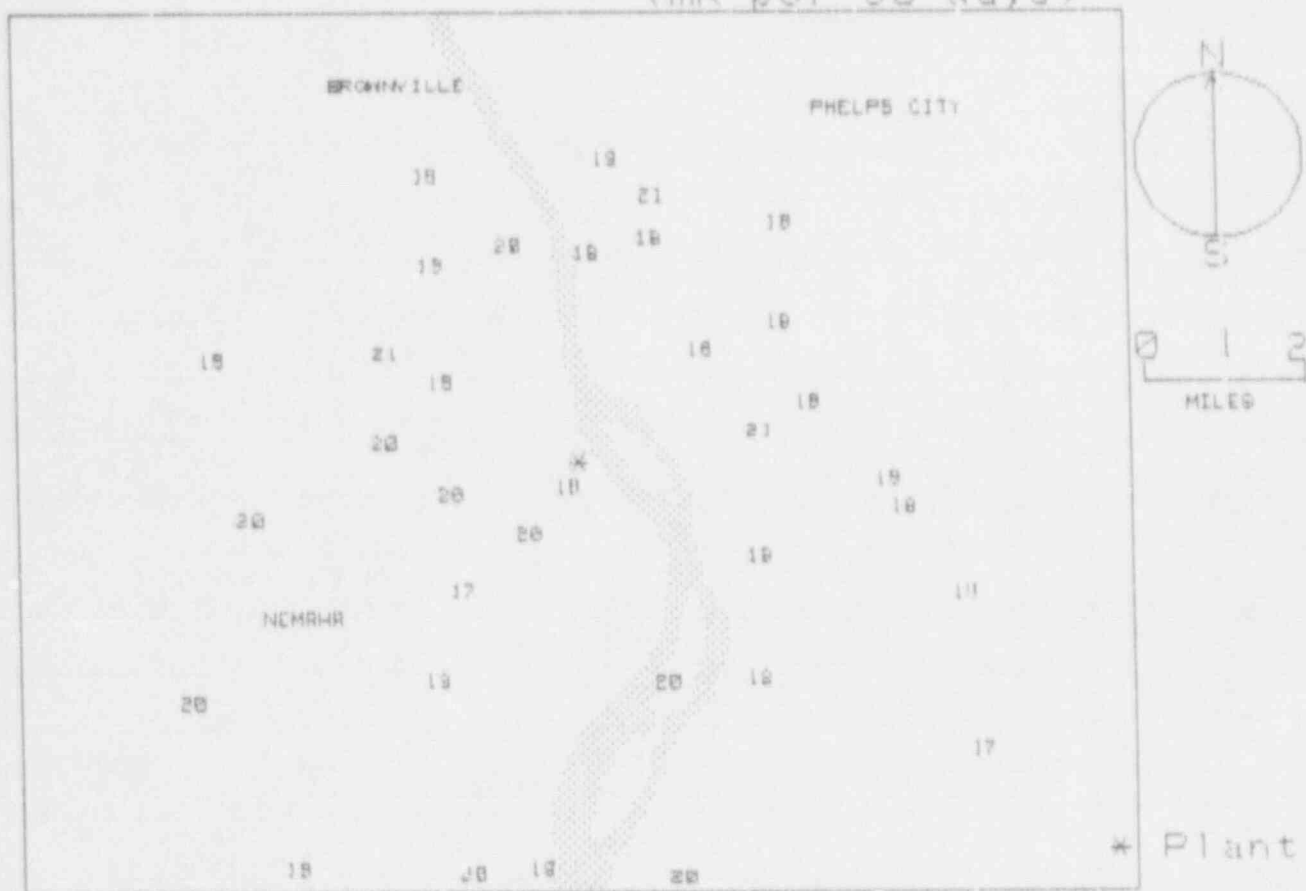
COOPER
For the period 911202-920506

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.7 +- 0.0	1
11.26 - 33.75 NNE	19.5 +- 1.5	2
33.76 - 56.25 NE	18.2 +- 0.5	3
56.26 - 78.75 ENE	20.2 +- 3.6	2
78.76 - 101.25 E	18.9 +- 1.4	3
101.26 - 123.75 ESE	19.4 +- 0.0	2
123.76 - 146.25 SE	17.8 +- 0.6	2
146.26 - 168.75 SSE	20.0 +- 0.1	2
168.76 - 191.25 S	19.2 +- 0.0	1
191.26 - 213.75 SSW	19.3 +- 0.9	3
213.76 - 236.25 SW	18.8 +- 1.3	3
236.26 - 258.75 WSW	19.7 +- 0.0	2
258.76 - 281.25 W	19.2 +- 0.9	4
281.26 - 303.75 WNW	19.8 +- 0.8	3
303.76 - 326.25 NW	18.6 +- 0.0	1
326.26 - 348.75 NNW	19.2 +- 0.4	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.8 +- 0.9	6
2 - 5	19.1 +- 0.9	27
> 5	19.4 +- 1.9	6
Upwind Control	19.2 +- 0.5	3

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



CRYSTAL RIVER
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920430 150 Days
 Field Time: 94 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
6	61	4.2	37.3	+- 1.1; 5.6	10.9	+- 1.4; 7.6	13.2	+- 5.1
7	50	3.8	40.1	+- 1.2; 6.0	13.6	+- 1.5; 7.9	13.0	+- 5.0
8	20	5.2	37.6	+- 1.1; 5.6	11.2	+- 1.5; 7.6	13.8	+- 4.8
9	6	5.4	41.9	+- 1.3; 6.3	15.3	+- 1.5; 8.1	15.8	+- 5.4
10	348	5.0	40.1	+- 1.2; 6.0	13.6	+- 1.5; 7.9	14.9	+- 5.1
11	334	4.8	Missing Dosimeter		No Net Data		14.4	+- 5.0
12	318	4.8	40.8	+- 1.2; 6.1	14.3	+- 1.5; 8.0	13.9	+- 5.5
13	79	3.8	39.0	+- 1.2; 5.8	12.3	+- 1.5; 7.8	14.4	+- 5.3
14	95	4.1	39.1	+- 1.2; 5.9	12.7	+- 1.5; 7.8	14.2	+- 5.4
15	89	1.8	42.6	+- 1.3; 6.4	16.0	+- 1.6; 8.2	16.1	+- 5.3
16	113	5.0	Missing Dosimeter		No Net Data		13.5	+- 5.5
17	133	5.5	40.5	+- 1.2; 6.1	14.0	+- 1.5; 7.9	14.9	+- 5.6
18	74	8.1	38.7	+- 1.2; 5.8	12.2	+- 1.5; 7.7	13.4	+- 5.3
19	127	7.6	38.3	+- 1.1; 5.7	11.9	+- 1.5; 7.7	14.0	+- 5.2
20	150	12.0	35.3	+- 1.1; 5.3	9.0	+- 1.4; 7.4	13.1	+- 5.1
21	159	13.0	36.1	+- 1.1; 5.4	9.8	+- 1.4; 7.5	14.6	+- 5.4
22	150	13.0	38.0	+- 1.1; 5.7	11.6	+- 1.5; 7.7	13.7	+- 5.5
23	150	21.0	44.5	+- 1.3; 6.7	17.8	+- 1.6; 8.4	14.3	+- 5.7
24	150	21.0	38.3	+- 1.1; 5.7	11.9	+- 1.5; 7.7	13.0	+- 5.4
25	56	6.1	40.1	+- 1.2; 6.0	13.6	+- 1.5; 7.9	15.8	+- 5.8
26	357	5.2	38.1	+- 1.1; 5.7	11.7	+- 1.5; 7.7	14.9	+- 5.0
27	90	13.0	37.2	+- 1.1; 5.6	10.8	+- 1.4; 7.6	14.1	+- 5.4
28	140	4.8	39.3	+- 1.2; 5.9	12.9	+- 1.5; 7.8	14.6	+- 5.2

Transit Dose = 25.9 +- 1.0; 5.6

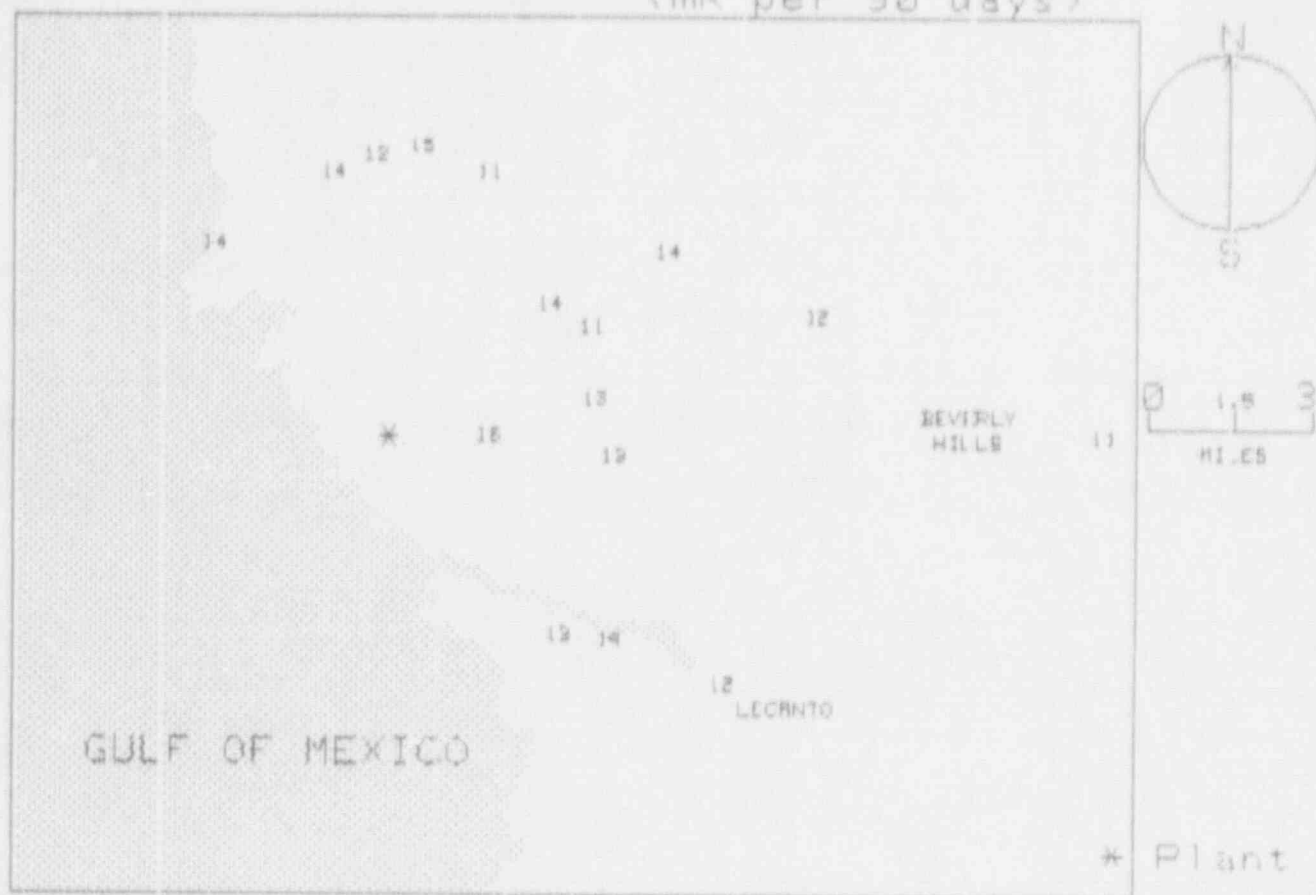
CRYSTAL RIVER
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.5 +- 2.5	2
11.26 - 33.75 NNE	11.2 +- 0.0	1
33.76 - 56.25 NE	13.6 +- 0.0	2
56.26 - 78.75 ENE	11.6 +- 0.9	2
78.76 - 101.25 E	13.0 +- 2.2	4
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	12.9 +- 1.1	3
146.26 - 168.75 SSE	9.4 +- 0.6	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	14.3 +- 0.0	1
326.26 - 348.75 NNW	13.6 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.0 +- 0.0	1
2 - 5	12.9 +- 1.1	7
> 5	12.0 +- 1.9	10
Upwind Control	13.7 +- 3.5	3

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



DAVIS BESSE

TLD Direct Radiation Environmental Monitoring

For the period 911203-920430 150 Days

Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm;	Tot.	+Rdm;	Tot.	+1 Std Dev	
1	50	0.6	17.5	+ - 0.5; 2.6	11.8	+ - 0.6; 3.8	12.3	+ - 1.9
2	86	0.9	19.9	+ - 0.6; 3.0	13.9	+ - 0.6; 4.0	13.6	+ - 2.3
3	116	1.4	20.0	+ - 0.6; 3.0	14.0	+ - 0.6; 4.0	12.8	+ - 2.1
4	172	0.8	22.5	+ - 0.7; 3.4	16.3	+ - 0.7; 4.3	16.3	+ - 2.9
5	200	1.5	25.8	+ - 0.8; 3.9	19.3	+ - 0.8; 4.6	19.0	+ - 2.3
6	226	1.0	21.9	+ - 0.7; 3.3	15.7	+ - 0.7; 4.2	16.4	+ - 2.3
7	249	1.5	22.1	+ - 0.7; 3.3	15.9	+ - 0.7; 4.2	17.0	+ - 2.2
8	267	1.8	21.4	+ - 0.6; 3.2	15.3	+ - 0.7; 4.2	17.7	+ - 2.5
9	285	1.8	23.3	+ - 0.7; 3.5	17.0	+ - 0.7; 4.3	17.5	+ - 2.3
10	306	1.5	Missing Dosimeter		No Net Data		15.2	+ - 2.3
11	344	0.9	20.4	+ - 0.6; 3.1	14.4	+ - 0.7; 4.1	14.3	+ - 1.7
12	142	4.5	23.8	+ - 0.7; 3.6	17.5	+ - 0.7; 4.4	17.8	+ - 2.2
13	158	4.0	25.1	+ - 0.8; 3.8	18.6	+ - 0.8; 4.5	19.1	+ - 2.3
14	180	3.8	21.2	+ - 0.6; 3.2	15.1	+ - 0.7; 4.1	16.0	+ - 1.9
15	207	4.8	23.1	+ - 0.7; 3.5	16.8	+ - 0.7; 4.3	16.9	+ - 2.2
16	225	4.5	22.9	+ - 0.7; 3.4	16.6	+ - 0.7; 4.3	17.2	+ - 2.2
17	254	2.7	26.9	+ - 0.8; 4.0	20.3	+ - 0.8; 4.7	20.5	+ - 2.4
18	269	3.0	25.1	+ - 0.8; 3.8	18.7	+ - 0.8; 4.5	17.6	+ - 2.3
19	295	5.3	25.0	+ - 0.8; 3.8	18.6	+ - 0.8; 4.5	19.2	+ - 2.5
20	25	0.5	17.8	+ - 0.5; 2.7	12.0	+ - 0.6; 3.8	12.5	+ - 2.3
21	132	9.7	22.2	+ - 0.7; 3.3	16.0	+ - 0.7; 4.2	16.9	+ - 2.2
22	210	6.5	20.8	+ - 0.6; 3.1	14.7	+ - 0.7; 4.1	18.0	+ - 3.9

Transit Dose = 4.6 + - 0.4; 3.2

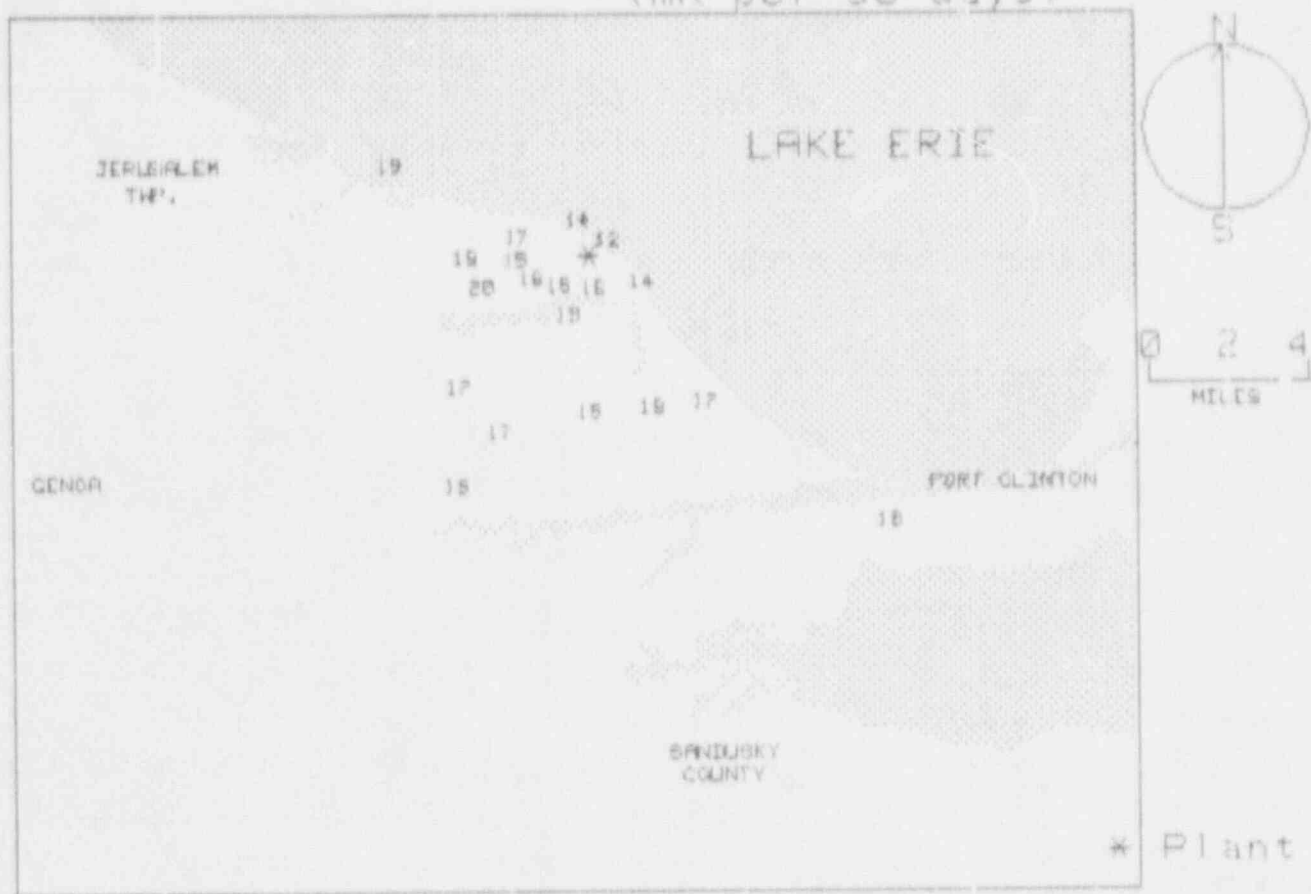
DAVIS BESSE
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	12.0 +- 0.0	1
33.76 - 56.25 NE	11.8 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	13.9 +- 0.0	1
101.26 - 123.75 ESE	14.0 +- 0.0	1
123.76 - 146.25 SE	17.5 +- 0.0	1
146.26 - 168.75 SSE	18.6 +- 0.0	1
168.76 - 191.25 S	15.7 +- 0.8	2
191.26 - 213.75 SSW	18.1 +- 1.8	2
213.76 - 236.25 SW	16.2 +- 0.6	2
236.26 - 258.75 WSW	18.1 +- 3.1	2
258.76 - 281.25 W	17.0 +- 2.4	2
281.26 - 303.75 WNW	17.8 +- 1.1	2
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	14.4 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.1 +- 2.2	11
2 - 5	17.6 +- 1.7	7
> 5	18.6 +- 0.0	1
Upwind Control	15.3 +- 0.9	2

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



DC COOK

TLD Direct Radiation Environmental Monitoring

For the period 911203-920422 142 Days

Field Time: 98 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	54	1.7	20.3	+- 0.6; 3.0	13.6	+- 0.7; 4.1	14.8	+- 2.4
2	67	1.3	20.8	+- 0.6; 3.1	14.1	+- 0.7; 4.2	17.0	+- 2.6
3	89	1.1	19.0	+- 0.6; 2.9	12.4	+- 0.6; 4.0	14.0	+- 2.7
4	58	0.7	19.1	+- 0.6; 2.9	12.5	+- 0.6; 4.0	14.1	+- 2.7
5	19	2.3	20.3	+- 0.6; 3.0	13.5	+- 0.7; 4.1	14.7	+- 2.5
6	111	1.6	20.3	+- 0.6; 3.0	13.6	+- 0.7; 4.1	14.5	+- 2.6
7	135	1.5	19.9	+- 0.6; 3.0	13.2	+- 0.7; 4.1	14.3	+- 2.8
8	158	1.4	20.7	+- 0.6; 3.1	13.9	+- 0.7; 4.2	16.5	+- 2.7
9	171	1.9	19.5	+- 0.6; 2.9	12.8	+- 0.7; 4.0	13.8	+- 2.3
10	199	1.5	19.3	+- 0.6; 2.9	12.7	+- 0.7; 4.0	14.3	+- 2.5
11	195	3.9	20.6	+- 0.6; 3.1	13.8	+- 0.7; 4.2	14.3	+- 2.7
12	200	6.6	21.3	+- 0.6; 3.2	14.5	+- 0.7; 4.2	15.1	+- 2.6
13	179	3.9	22.6	+- 0.7; 3.4	15.7	+- 0.7; 4.3	17.3	+- 2.6
14	151	4.4	24.4	+- 0.7; 3.7	17.3	+- 0.8; 4.5	18.2	+- 2.7
15	130	4.6	23.8	+- 0.7; 3.6	16.7	+- 0.8; 4.5	18.3	+- 2.4
16	110	3.7	21.7	+- 0.7; 3.3	14.8	+- 0.7; 4.3	15.9	+- 2.3
17	88	3.6	20.3	+- 0.6; 3.0	13.5	+- 0.7; 4.1	15.2	+- 2.3
18	67	3.8	21.5	+- 0.6; 3.2	14.6	+- 0.7; 4.2	15.6	+- 2.8
19	24	3.8	19.6	+- 0.6; 2.9	12.9	+- 0.7; 4.1	14.5	+- 2.5
20	43	3.3	Damaged Dosimeter		No Net Data		17.1	+- 3.2
21	26	9.9	22.6	+- 0.7; 3.4	15.7	+- 0.7; 4.4	18.4	+- 4.6
22	121	18.0	21.3	+- 0.6; 3.2	14.5	+- 0.7; 4.2	15.1	+- 2.4
23	121	18.0	22.1	+- 0.7; 3.3	15.2	+- 0.7; 4.3	15.3	+- 2.8
24	121	18.0	23.5	+- 0.7; 3.5	16.5	+- 0.7; 4.4	17.3	+- 2.9

Transit Dose = 5.5 +- 0.4; 3.3

DC COOK

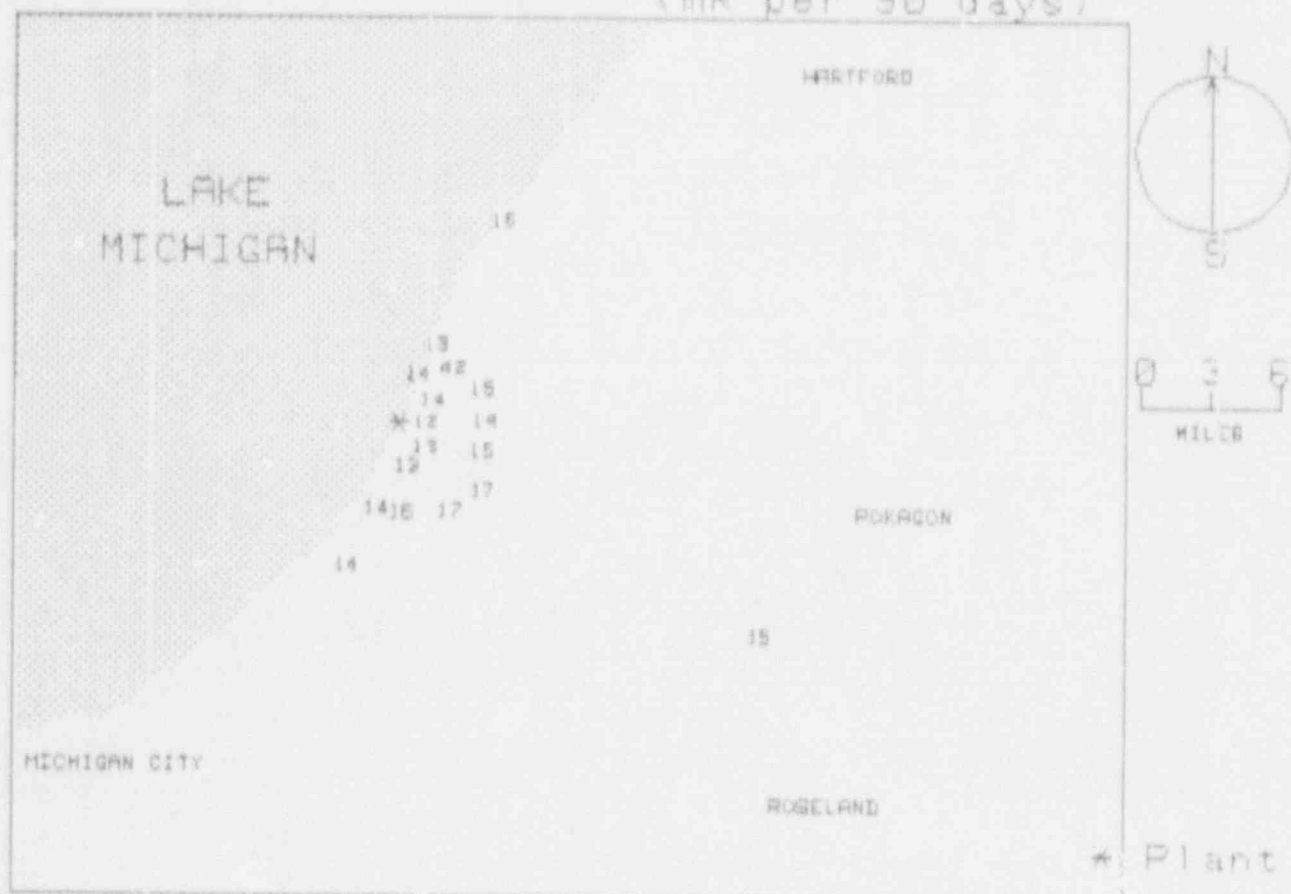
For the period 911203-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	14.1 +- 1.5	3
33.76 - 56.25 NE	13.6 +- 0.0	1
56.26 - 78.75 ENE	13.7 +- 1.1	3
78.76 - 101.25 E	13.0 +- 0.8	2
101.26 - 123.75 ESE	14.2 +- 0.9	2
123.76 - 146.25 SE	14.9 +- 2.5	2
146.26 - 168.75 SSE	15.6 +- 2.4	2
168.76 - 191.25 S	14.2 +- 2.0	2
191.26 - 213.75 SSW	13.7 +- 0.9	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.2 +- 0.6	9
2 - 5	14.8 +- 1.5	9
> 5	15.1 +- 0.9	2
Upwind Control	15.4 +- 1.0	3

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



DIABLO CANYON
 TLD Direct Radiation Environmental Monitoring
 For the period 911201-920429 151 Days
 Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	125	1.0	28.4	+ - 0.9; 4.3	22.4	+ - 0.9; 5.2	23.3	+ - 1.6
2	119	4.2	28.3	+ - 0.8; 4.2	22.3	+ - 0.9; 5.2	21.1	+ - 1.6
3	107	6.9	26.2	+ - 0.8; 3.9	20.3	+ - 0.9; 5.0	19.7	+ - 1.6
4	109	11.0	24.0	+ - 0.7; 3.6	18.2	+ - 0.8; 4.7	18.9	+ - 1.7
5	113	14.0	25.5	+ - 0.8; 3.8	19.6	+ - 0.9; 4.9	20.2	+ - 1.9
6	68	9.6	23.9	+ - 0.7; 3.6	18.0	+ - 0.8; 4.7	18.4	+ - 1.8
7	359	11.0	20.7	+ - 0.6; 3.1	14.9	+ - 0.7; 4.4	16.6	+ - 2.4
8	359	6.6	21.1	+ - 0.6; 3.2	15.2	+ - 0.7; 4.4	14.8	+ - 1.5
9	339	4.7	19.4	+ - 0.6; 2.9	13.5	+ - 0.7; 4.2	13.7	+ - 1.5
10	328	3.0	18.1	+ - 0.5; 2.7	12.3	+ - 0.7; 4.1	15.2	+ - 2.6
11	332	1.3	18.8	+ - 0.6; 2.8	12.9	+ - 0.7; 4.2	14.8	+ - 1.7
12	37	21.0	27.0	+ - 0.8; 4.0	21.1	+ - 0.9; 5.1	20.9	+ - 1.5
13	37	21.0	25.2	+ - 0.8; 3.8	19.3	+ - 0.8; 4.8	21.0	+ - 2.0
14	37	21.0	Missing Dosimeter		No Net Data		21.2	+ - 1.6

Transit Dose = 5.7 + - 0.4; 3.1

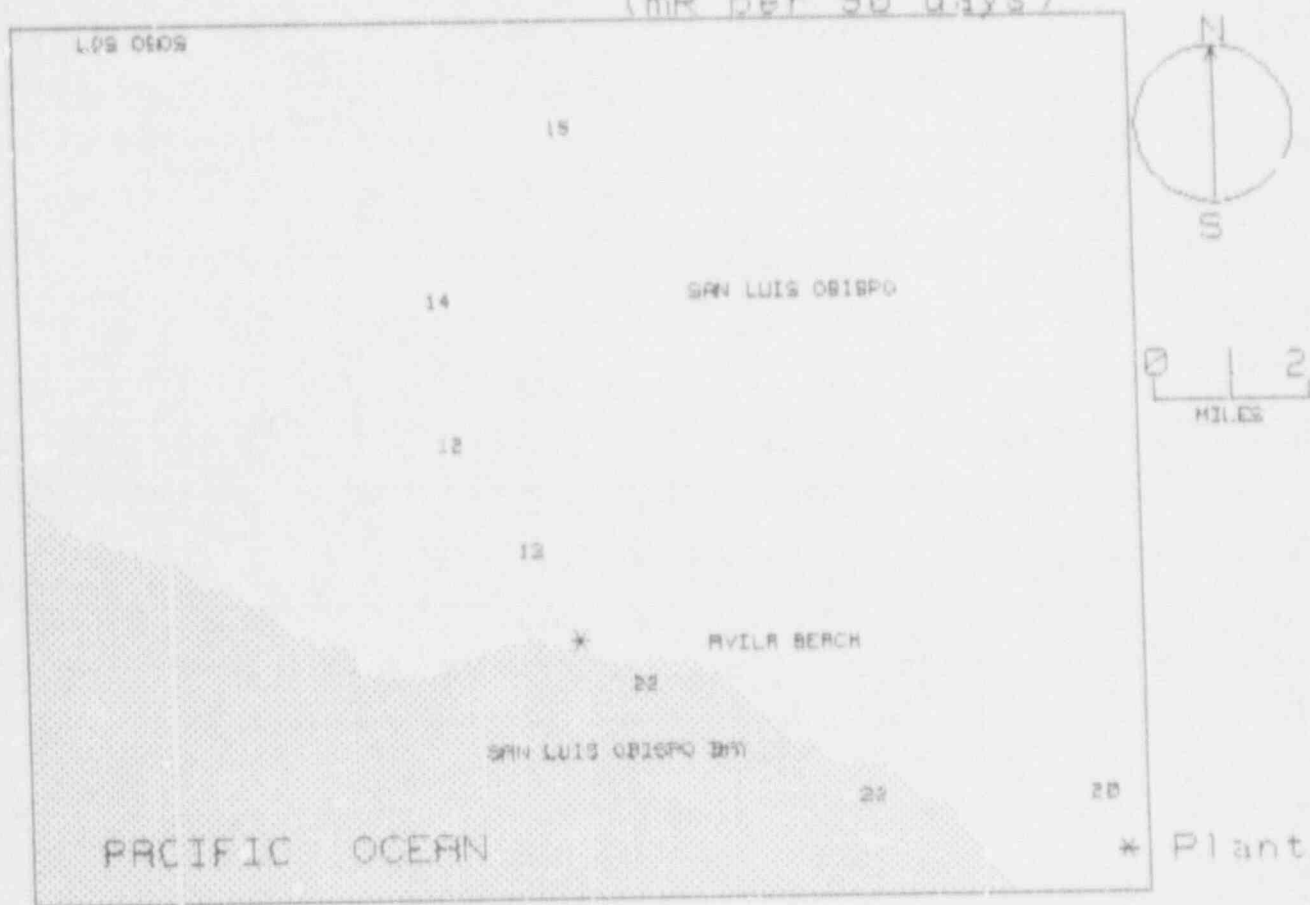
DIABLO CANYON
For the period 911201-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number in Group
348.76 - 11.25 N	15.1 +- 0.3	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	18.0 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	20.1 +- 1.7	4
123.76 - 146.25 SE	22.4 +- 0.0	1
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	12.9 +- 0.6	3

Distance from Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.7 +- 6.7	2
2 - 5	16.1 +- 5.5	3
> 5	17.7 +- 2.2	6
Upwind Control	20.2 +- 1.3	2

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



DRESDEN

TLD Direct Radiation Environmental Monitoring

For the period 911202-920421 142 Days

Field Time: 79 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	70 4.2	21.2 +- 0.6; 3.2	17.3 +- 0.8; 4.8	17.2 +- 3.1
2	76 3.9	Missing Dosimeter	No Net Data	17.1 +- 3.2
3	108 3.2	20.7 +- 0.6; 3.1	16.8 +- 0.8; 4.8	17.7 +- 2.9
4	142 1.3	19.9 +- 0.6; 3.0	15.9 +- 0.8; 4.7	14.3 +- 3.2
5	115 1.5	17.5 +- 0.5; 2.6	13.1 +- 0.7; 4.4	14.7 +- 2.6
6	180 1.9	20.8 +- 0.6; 3.1	16.9 +- 0.8; 4.8	17.9 +- 3.3
7	179 0.5	20.0 +- 0.6; 3.0	15.9 +- 0.8; 4.7	16.8 +- 2.8
8	180 0.7	18.4 +- 0.6; 2.8	14.2 +- 0.8; 4.5	14.6 +- 2.7
9	253 0.5	21.2 +- 0.6; 3.2	17.4 +- 0.8; 4.8	18.0 +- 3.1
10	254 1.3	22.7 +- 0.7; 3.4	19.1 +- 0.9; 5.0	23.9 +- 4.4
11	250 1.5	18.6 +- 0.6; 2.8	14.4 +- 0.8; 4.5	15.2 +- 3.2
12	263 2.1	22.4 +- 0.7; 3.4	18.7 +- 0.9; 5.0	18.1 +- 2.8
13	180 4.0	17.7 +- 0.5; 2.7	13.4 +- 0.7; 4.4	14.0 +- 2.7
14	158 4.8	19.2 +- 0.6; 2.9	15.1 +- 0.8; 4.6	15.2 +- 2.5
15	137 4.2	19.3 +- 0.6; 2.9	15.2 +- 0.8; 4.6	15.6 +- 2.9
16	134 8.4	18.4 +- 0.6; 2.8	14.2 +- 0.8; 4.5	15.1 +- 2.8
17	189 7.4	19.1 +- 0.6; 2.9	14.9 +- 0.8; 4.6	16.0 +- 2.8
18	203 4.1	16.8 +- 0.5; 2.5	12.4 +- 0.7; 4.3	14.1 +- 3.2
19	231 4.0	Missing Dosimeter	No Net Data	18.6 +- 3.3
20	244 6.4	20.0 +- 0.6; 3.0	16.0 +- 0.8; 4.7	16.3 +- 3.4
21	258 8.6	20.8 +- 0.6; 3.1	16.8 +- 0.8; 4.8	17.0 +- 2.9
22	269 4.4	19.5 +- 0.6; 2.9	15.4 +- 0.8; 4.6	14.7 +- 2.9
23	301 3.5	20.4 +- 0.6; 3.1	16.4 +- 0.8; 4.7	22.5 +- 9.7
24	311 3.9	20.3 +- 0.6; 3.0	16.3 +- 0.8; 4.7	15.9 +- 3.2
25	340 4.7	20.4 +- 0.6; 3.1	16.4 +- 0.8; 4.7	19.2 +- 3.1
26	7 4.4	19.7 +- 0.6; 3.0	15.6 +- 0.8; 4.6	15.9 +- 3.0
27	355 2.0	23.3 +- 0.7; 3.5	19.7 +- 0.9; 5.1	20.5 +- 3.3
28	327 1.7	23.9 +- 0.7; 3.6	20.4 +- 0.9; 5.2	21.1 +- 3.1
29	318 1.4	22.6 +- 0.7; 3.4	18.9 +- 0.9; 5.0	18.3 +- 3.4
30	295 2.0	20.0 +- 0.6; 3.0	15.9 +- 0.8; 4.7	15.8 +- 3.5
31	30 1.5	22.8 +- 0.7; 3.4	19.2 +- 0.9; 5.0	19.6 +- 3.3
32	48 1.9	22.7 +- 0.7; 3.4	19.1 +- 0.9; 5.0	20.9 +- 3.4
33	76 1.4	22.0 +- 0.7; 3.3	18.3 +- 0.9; 4.9	19.3 +- 3.3
34	90 1.4	22.0 +- 0.7; 3.3	18.3 +- 0.9; 4.9	18.1 +- 3.8
35	26 4.5	21.1 +- 0.6; 3.2	17.2 +- 0.8; 4.8	17.9 +- 3.1
36	42 3.6	19.0 +- 0.6; 2.9	14.8 +- 0.8; 4.6	16.3 +- 3.2
37	52 11.5	18.9 +- 0.6; 2.8	14.7 +- 0.8; 4.5	17.3 +- 3.5
38	274 21.5	20.6 +- 0.6; 3.1	16.7 +- 0.8; 4.8	18.0 +- 3.6
39	274 21.5	21.5 +- 0.6; 3.2	17.6 +- 0.8; 4.9	17.8 +- 3.3
40	27 ⁵ 21.5	22.7 +- 0.7; 3.4	19.1 +- 0.9; 5.0	19.3 +- 3.9

Transit Dose = 6.0 +- 0.4; 2.8

DRESDEN

For the period 911202-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.7 +- 2.9	2
11.26 - 33.75 NNE	18.2 +- 1.4	2
33.76 - 56.25 NE	16.2 +- 2.5	3
56.26 - 78.75 ENE	17.8 +- 0.7	2
78.76 - 101.25 E	18.3 +- 0.0	1
101.26 - 123.75 ESE	15.0 +- 2.6	2
123.76 - 146.25 SE	15.1 +- 0.8	3
146.26 - 168.75 SSE	15.1 +- 0.0	1
168.76 - 191.25 S	15.1 +- 1.4	5
191.26 - 213.75 SSW	12.4 +- 0.0	1
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	16.8 +- 1.7	5
258.76 - 281.25 W	17.0 +- 2.4	2
281.26 - 303.75 WNW	16.2 +- 0.3	2
303.76 - 326.25 NW	17.6 +- 1.9	2
326.26 - 348.75 NNW	18.4 +- 2.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.3 +- 2.2	16
2 - 5	15.8 +- 1.6	14
> 5	15.3 +- 1.1	5
Upwind Control	17.8 +- 1.2	3

MAP FOR DRESDEN

Map will be provided for this site in the future.

DUANE ARNOLD

TLD Direct Radiation Environmental Monitoring

For the period 911202-920421 142 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm;	Tot.	+Rdm;	Tot.	+1	Std Dev
1	163	9.7	20.3	+ 0.6; 3.0	No Net Data		16.3	+ 1.9
2	170	6.2	23.0	+ 0.7; 3.4	No Net Data		18.5	+ 1.9
3	180	3.5	19.6	+ 0.6; 2.9	No Net Data		15.3	+ 1.3
4	216	2.9	24.0	+ 0.7; 3.6	No Net Data		18.4	+ 2.2
5	201	2.5	19.7	+ 0.6; 3.0	No Net Data		14.9	+ 1.6
6	213	1.0	21.2	+ 0.6; 3.2	No Net Data		16.7	+ 1.7
7	248	1.0	23.1	+ 0.7; 3.5	No Net Data		18.6	+ 2.0
8	279	1.0	22.0	+ 0.7; 3.3	No Net Data		18.2	+ 1.9
9	298	1.0	24.1	+ 0.7; 3.6	No Net Data		19.3	+ 2.3
10	320	1.5	23.5	+ 0.7; 3.5	No Net Data		18.3	+ 2.0
11	343	1.0	22.8	+ 0.7; 3.4	No Net Data		19.1	+ 2.1
12	359	1.2	23.2	+ 0.7; 3.5	No Net Data		18.0	+ 1.7
13	237	0.5	21.7	+ 0.7; 3.3	No Net Data		17.2	+ 1.8
14	250	3.9	21.6	+ 0.6; 3.2	No Net Data		17.8	+ 2.1
15	272	5.0	20.0	+ 0.6; 3.0	No Net Data		15.0	+ 1.7
16	285	5.0	21.1	+ 0.6; 3.2	No Net Data		16.6	+ 1.8
17	308	4.5	22.6	+ 0.7; 3.4	No Net Data		18.6	+ 2.1
18	340	4.5	20.9	+ 0.6; 3.1	No Net Data		15.4	+ 1.4
19	291	15.0	21.6	+ 0.6; 3.2	No Net Data		16.8	+ 1.5
20	291	15.0	22.0	+ 0.7; 3.3	No Net Data		17.6	+ 1.8
21	291	15.0	21.0	+ 0.6; 3.2	No Net Data		16.2	+ 1.7
22	358	6.1	21.7	+ 0.7; 3.3	No Net Data		15.5	+ 1.4
23	7	2.9	20.6	+ 0.6; 3.1	No Net Data		15.0	+ 1.6
24	28	3.0	23.2	+ 0.7; 3.5	No Net Data		18.3	+ 2.0
25	39	3.5	21.1	+ 0.6; 3.2	No Net Data		16.9	+ 1.5
26	64	3.8	21.7	+ 0.7; 3.3	No Net Data		17.5	+ 1.5
27	50	1.9	21.1	+ 0.6; 3.2	No Net Data		15.4	+ 1.6
28	72	2.3	23.1	+ 0.7; 3.5	No Net Data		17.1	+ 1.5
29	91	3.0	20.6	+ 0.6; 3.1	No Net Data		15.2	+ 1.5
30	93	1.8	23.7	+ 0.7; 3.5	No Net Data		18.8	+ 1.6
31	113	2.0	22.7	+ 0.7; 3.4	No Net Data		18.9	+ 1.7
32	141	1.6	19.7	+ 0.6; 3.0	No Net Data		15.2	+ 1.6
33	153	1.5	22.2	+ 0.7; 3.3	No Net Data		17.3	+ 1.8
34	177	1.2	19.4	+ 0.6; 2.9	No Net Data		15.7	+ 2.7
35	153	4.2	20.4	+ 0.6; 3.1	No Net Data		14.8	+ 1.6
36	135	4.1	20.5	+ 0.6; 3.1	No Net Data		16.3	+ 1.6
37	111	4.6	22.4	+ 0.7; 3.4	No Net Data		18.4	+ 1.6
38	123	5.1	24.2	+ 0.7; 3.6	No Net Data		18.4	+ 1.8
39	132	7.0	21.1	+ 0.6; 3.2	No Net Data		15.5	+ 1.5
40	139	7.6	22.8	+ 0.7; 3.4	No Net Data		16.3	+ 1.5

No Transit Dose Calculated. (TLD Control Is Damaged.)

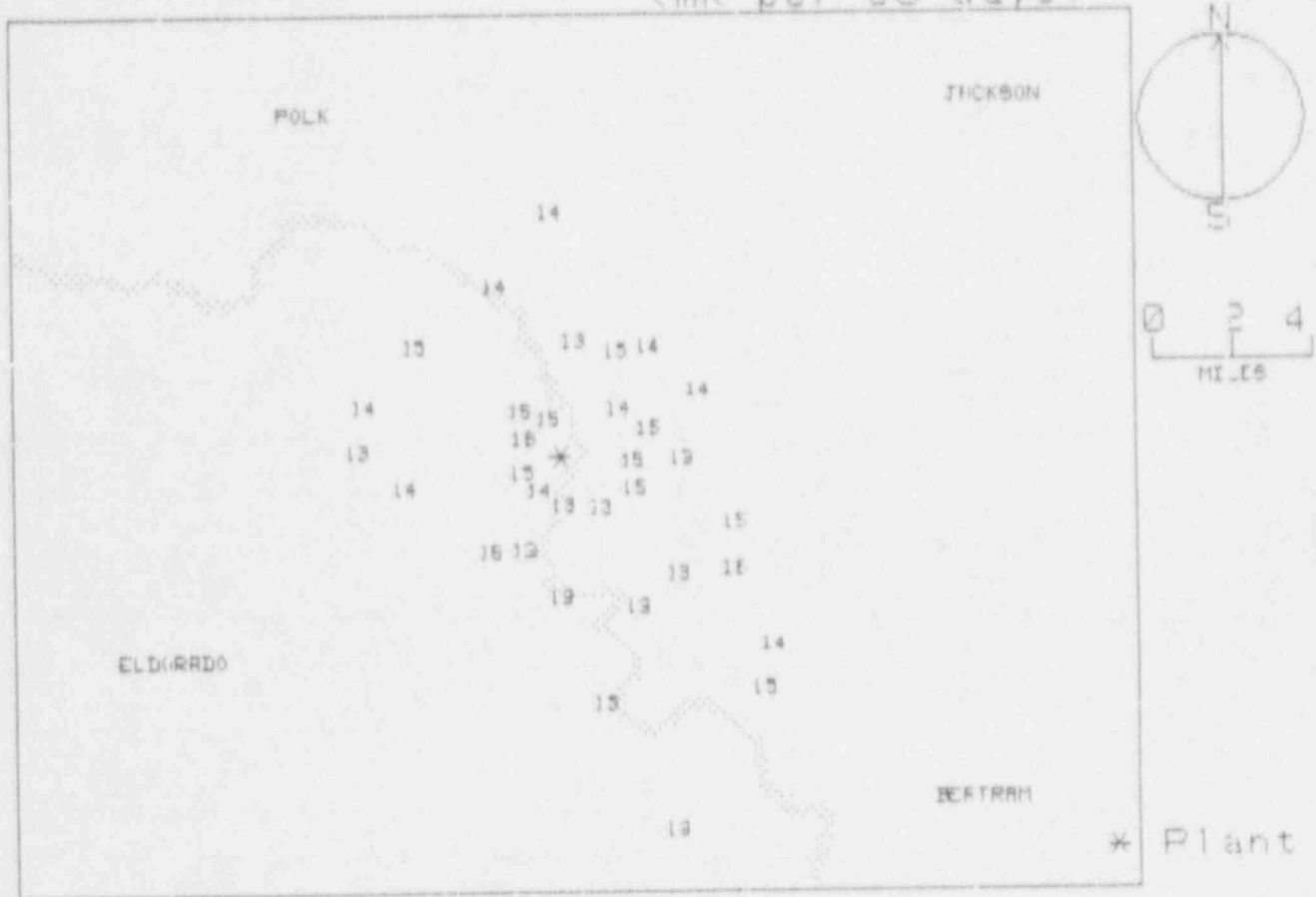
DUANE ARNOLD
For the period 911202-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.9 +- 0.8	3
11.26 - 33.75 NNE	14.7 +- 0.0	1
33.76 - 56.25 NE	13.4 +- 0.0	2
56.26 - 78.75 ENE	14.2 +- 0.6	2
78.76 - 101.25 E	14.0 +- 1.4	2
101.26 - 123.75 ESE	14.6 +- 0.6	3
123.76 - 146.25 SE	13.4 +- 0.8	4
146.26 - 168.75 SSE	13.3 +- 0.7	3
168.76 - 191.25 S	13.1 +- 1.3	3
191.26 - 213.75 SSW	13.0 +- 0.7	2
213.76 - 236.25 SW	15.2 +- 0.0	1
236.26 - 258.75 WSW	14.2 +- 0.6	2
258.76 - 281.25 W	13.5 +- 0.7	3
281.26 - 303.75 WNW	14.3 +- 1.3	2
303.76 - 326.25 NW	14.6 +- 0.4	2
326.26 - 348.75 NNW	13.8 +- 0.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.1 +- 0.9	14
2 - 5	13.5 +- 0.8	17
> 5	14.1 +- 0.9	6
Upwind Control	13.6 +- 0.3	3

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



FARLEY

TLD Direct Radiation Environmental Monitoring

For the period 911203-920430 150 Days

Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	268	15.0	19.1	+ - 0.6; 2.9	10.7	+ - 0.7; 4.1	15.1	+ - 2.2
2	252	7.8	20.1	+ - 0.6; 3.0	11.5	+ - 0.7; 4.2	15.2	+ - 2.3
3	217	6.1	21.8	+ - 0.7; 3.3	13.1	+ - 0.7; 4.4	16.2	+ - 2.0
4	155	5.7	25.8	+ - 0.8; 3.9	16.7	+ - 0.8; 4.8	18.9	+ - 2.4
5	170	5.1	21.4	+ - 0.6; 3.2	12.7	+ - 0.7; 4.3	16.1	+ - 2.0
6	197	4.5	20.1	+ - 0.6; 3.0	11.5	+ - 0.7; 4.2	15.2	+ - 2.0
7	191	2.4	25.2	+ - 0.8; 3.8	16.2	+ - 0.8; 4.7	18.9	+ - 2.3
8	200	1.8	21.3	+ - 0.6; 3.2	12.6	+ - 0.7; 4.3	16.2	+ - 2.2
9	220	1.2	19.7	+ - 0.6; 2.9	11.1	+ - 0.7; 4.2	14.6	+ - 2.2
10	254	0.9	22.4	+ - 0.7; 3.4	13.6	+ - 0.7; 4.4	16.6	+ - 2.1
11	300	0.9	24.1	+ - 0.7; 3.6	15.1	+ - 0.8; 4.6	16.3	+ - 2.2
12	319	1.1	22.3	+ - 0.7; 3.3	13.5	+ - 0.7; 4.4	16.9	+ - 2.3
13	338	1.3	20.9	+ - 0.6; 3.1	12.3	+ - 0.7; 4.3	15.1	+ - 2.0
14	256	1.2	21.5	+ - 0.6; 3.2	12.8	+ - 0.7; 4.3	15.5	+ - 2.2
15	16	1.3	27.5	+ - 0.8; 4.1	18.2	+ - 0.9; 4.9	20.9	+ - 2.0
16	264	1.6	21.2	+ - 0.6; 3.2	12.5	+ - 0.7; 4.3	15.5	+ - 2.0
17	253	3.5	23.0	+ - 0.7; 3.4	14.2	+ - 0.8; 4.5	17.7	+ - 2.1
18	233	3.2	20.7	+ - 0.6; 3.1	12.1	+ - 0.7; 4.3	15.8	+ - 2.1
19	267	4.5	22.9	+ - 0.7; 3.4	14.0	+ - 0.8; 4.5	16.7	+ - 2.0
20	295	3.8	22.4	+ - 0.7; 3.4	13.6	+ - 0.7; 4.4	16.9	+ - 2.6
21	315	4.6	19.2	+ - 0.6; 2.9	10.7	+ - 0.7; 4.1	15.2	+ - 2.2
22	332	4.3	20.5	+ - 0.6; 3.1	11.9	+ - 0.7; 4.2	14.9	+ - 2.0
23	251	4.8	19.9	+ - 0.6; 3.0	11.4	+ - 0.7; 4.2	14.6	+ - 1.9
24	32	5.3	22.2	+ - 0.7; 3.3	13.5	+ - 0.7; 4.4	17.0	+ - 2.0
25	54	6.2	20.4	+ - 0.6; 3.1	11.8	+ - 0.7; 4.2	14.8	+ - 2.1
26	64	5.5	22.3	+ - 0.7; 3.3	13.5	+ - 0.7; 4.4	16.4	+ - 2.1
27	88	4.7	22.9	+ - 0.7; 3.4	14.0	+ - 0.8; 4.5	16.2	+ - 2.0
28	124	5.1	22.6	+ - 0.7; 3.4	13.8	+ - 0.7; 4.4	16.8	+ - 2.1
29	153	4.1	21.5	+ - 0.6; 3.2	12.8	+ - 0.7; 4.3	16.1	+ - 2.1
30	142	3.6	20.2	+ - 0.6; 3.0	11.6	+ - 0.7; 4.2	14.8	+ - 1.8
31	130	3.0	19.4	+ - 0.6; 2.9	10.9	+ - 0.7; 4.1	14.0	+ - 2.1
32	110	2.8	20.1	+ - 0.6; 3.0	11.5	+ - 0.7; 4.2	15.1	+ - 2.1
33	78	2.6	20.1	+ - 0.6; 3.0	11.5	+ - 0.7; 4.2	15.0	+ - 2.3
34	58	2.2	19.0	+ - 0.6; 2.9	10.6	+ - 0.7; 4.1	13.8	+ - 2.1
35	34	2.4	23.3	+ - 0.7; 3.5	14.5	+ - 0.8; 4.5	19.9	+ - 2.0
36	19	2.7	22.1	+ - 0.7; 3.3	13.3	+ - 0.7; 4.4	17.4	+ - 1.8
37	284	10.0	22.2	+ - 0.7; 3.3	13.5	+ - 0.7; 4.4	16.3	+ - 2.1
38	289	15.0	18.3	+ - 0.5; 2.7	9.9	+ - 0.7; 4.1	15.6	+ - 3.3
39	293	15.0	22.3	+ - 0.7; 3.3	13.5	+ - 0.7; 4.4	17.2	+ - 1.8

Transit Dose = 7.4 +- 0.5 3

FARLEY

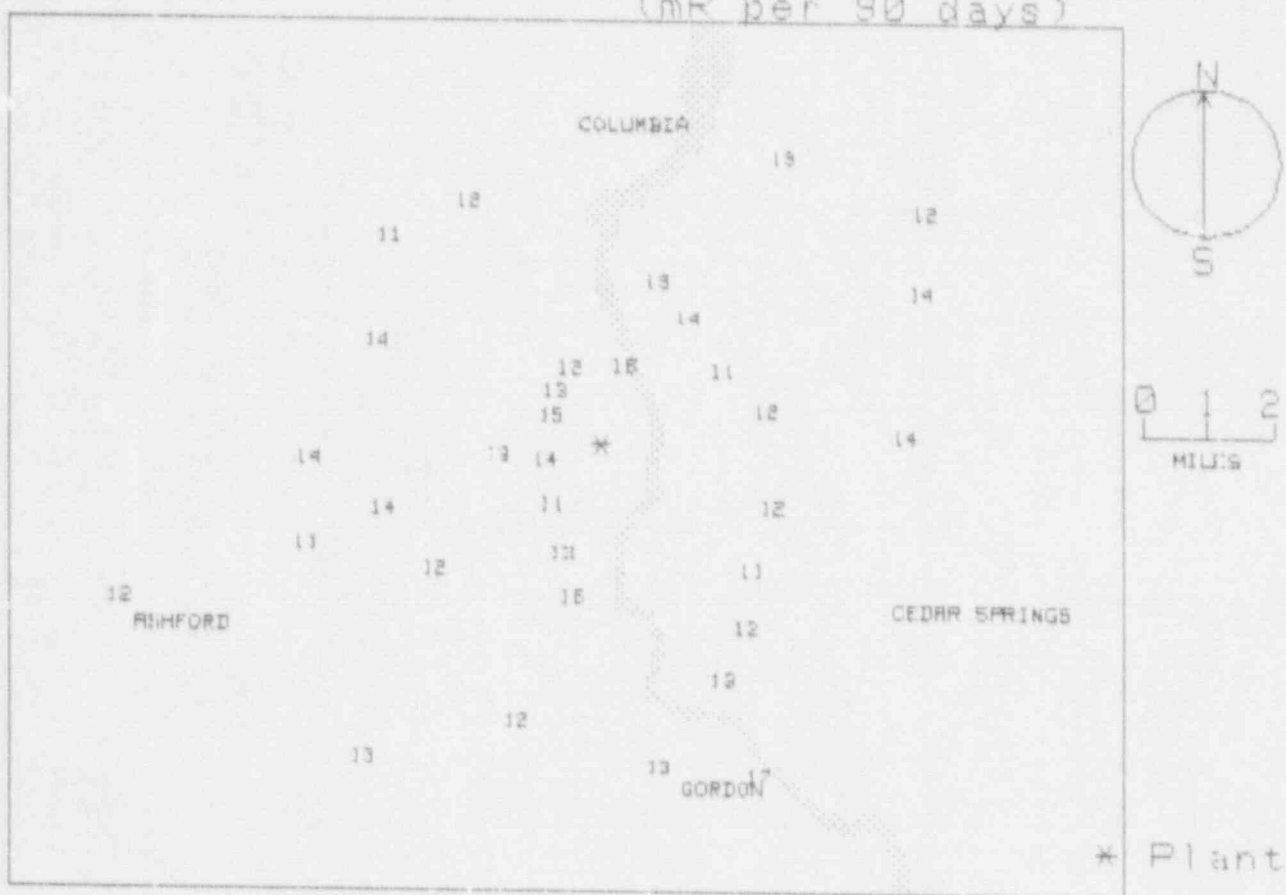
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	15.0 +- 2.8	3
33.76 - 56.25 NE	13.1 +- 1.9	2
56.26 - 78.75 ENE	11.9 +- 1.5	3
78.76 - 101.25 E	14.0 +- 0.0	1
101.26 - 123.75 ESE	11.5 +- 0.0	1
123.76 - 146.25 SE	12.1 +- 1.5	3
146.26 - 168.75 SSE	14.8 +- 2.8	2
168.76 - 191.25 S	14.4 +- 2.4	2
191.26 - 213.75 SSW	12.1 +- 0.8	2
213.76 - 236.25 SW	12.1 +- 1.0	3
236.26 - 258.75 WSW	12.7 +- 1.2	5
258.76 - 281.25 W	12.4 +- 1.7	3
281.26 - 303.75 WNW	14.4 +- 1.1	2
303.76 - 326.25 NW	12.1 +- 1.9	2
326.26 - 348.75 NNW	12.1 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.5 +- 2.1	9
2 - 5	12.6 +- 1.6	18
> 5	13.0 +- 1.7	9
Upwind Control	12.3 +- 2.1	3

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



FERMI

TLD Direct Radiation Environmental Monitoring

For the period 911202-920428 149 Days

Field Time: 100 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	38	2.1	19.7	+- 0.6; 3.0	11.2	+- 0.7; 4.1	15.0	+- 3.2
2	22	2.3	21.7	+- 0.7; 3.3	13.0	+- 0.7; 4.3	15.9	+- 3.5
3	350	1.8	27.2	+- 0.8; 4.1	18.0	+- 0.8; 4.9	20.4	+- 2.3
4	345	1.9	23.0	+- 0.7; 3.5	14.2	+- 0.7; 4.4	16.4	+- 2.6
5	346	1.4	23.6	+- 0.7; 3.5	14.7	+- 0.8; 4.5	17.8	+- 2.4
6	310	1.3	23.5	+- 0.7; 3.5	14.6	+- 0.8; 4.5	17.7	+- 2.8
7	298	1.4	23.5	+- 0.7; 3.5	14.7	+- 0.8; 4.5	17.3	+- 2.4
8	277	1.6	23.8	+- 0.7; 3.5	14.9	+- 0.8; 4.5	17.4	+- 2.2
9	238	1.0	20.7	+- 0.6; 3.0	12.1	+- 0.7; 4.2	16.2	+- 3.1
10	225	1.5	21.9	+- 0.7; 3.3	13.3	+- 0.7; 4.3	14.6	+- 2.6
11	193	0.8	24.6	+- 0.7; 3.7	15.7	+- 0.8; 4.6	17.2	+- 2.3
12	183	0.9	24.7	+- 0.7; 3.7	15.7	+- 0.8; 4.6	16.9	+- 2.5
13	175	0.8	24.6	+- 0.7; 3.7	15.6	+- 0.8; 4.6	16.5	+- 2.3
14	260	1.7	25.5	+- 0.8; 3.8	16.4	+- 0.8; 4.7	18.6	+- 2.3
15	245	2.5	22.9	+- 0.7; 3.4	14.1	+- 0.7; 4.4	16.1	+- 2.5
16	236	5.0	27.7	+- 0.8; 4.2	18.4	+- 0.9; 4.9	19.4	+- 2.1
17	225	6.8	22.4	+- 0.7; 3.4	13.6	+- 0.7; 4.4	13.8	+- 2.7
18	250	7.8	21.4	+- 0.6; 3.2	12.8	+- 0.7; 4.3	14.1	+- 3.0
19	277	6.0	21.6	+- 0.6; 3.2	13.0	+- 0.7; 4.3	14.6	+- 2.3
20	297	6.0	25.1	+- 0.8; 3.8	16.1	+- 0.8; 4.6	16.8	+- 2.8
21	320	3.8	23.1	+- 0.7; 3.5	14.3	+- 0.8; 4.4	16.1	+- 1.4
22	340	4.7	24.7	+- 0.7; 3.7	15.8	+- 0.8; 4.6	17.9	+- 2.3
23	358	4.3	26.9	+- 0.8; 4.0	17.7	+- 0.8; 4.8	18.2	+- 2.8
24	23	5.0	26.3	+- 0.8; 4.0	17.2	+- 0.8; 4.8	19.5	+- 2.4
25	25	7.0	22.1	+- 0.7; 3.3	13.4	+- 0.7; 4.3	14.5	+- 2.5
26	0	7.0	21.4	+- 0.6; 3.2	12.8	+- 0.7; 4.3	15.4	+- 2.6
27	342	8.0	23.4	+- 0.7; 3.5	14.6	+- 0.8; 4.5	16.2	+- 2.5
28	320	9.5	21.9	+- 0.7; 3.3	13.2	+- 0.7; 4.3	15.5	+- 2.2
29	290	11.0	24.6	+- 0.7; 3.7	15.7	+- 0.8; 4.6	17.9	+- 2.2
30	270	11.0	24.7	+- 0.7; 3.7	15.7	+- 0.8; 4.6	18.7	+- 2.4
31	245	10.0	20.7	+- 0.6; 3.1	12.1	+- 0.7; 4.2	15.9	+- 2.2
32	220	11.0	23.5	+- 0.7; 3.5	14.7	+- 0.8; 4.5	16.7	+- 2.4
33	270	15.0	21.8	+- 0.7; 3.3	13.1	+- 0.7; 4.3	15.0	+- 2.4
34	270	15.0	21.9	+- 0.7; 3.3	13.2	+- 0.7; 4.3	15.2	+- 2.3
35	290	16.0	23.7	+- 0.7; 3.6	14.9	+- 0.8; 4.5	16.2	+- 2.2
36	350	0.8	24.0	+- 0.7; 3.6	15.1	+- 0.8; 4.5	16.0	+- 3.4
37	330	0.7	22.0	+- 0.7; 3.3	13.3	+- 0.7; 4.3	16.5	+- 2.8
38	310	0.7	22.1	+- 0.7; 3.3	13.4	+- 0.7; 4.4	16.1	+- 3.3
39	23	10.0	23.6	+- 0.7; 3.5	14.7	+- 0.8; 4.5	17.4	+- 2.3
40	0	9.0	Missing Dosimeter		No Net Data		18.3	+- 2.1
41	348	9.0	22.8	+- 0.7; 3.4	14.0	+- 0.7; 4.4	14.3	+- 2.6

Transit Dose = 7.2 +- 0.5; 3.5

FERMI

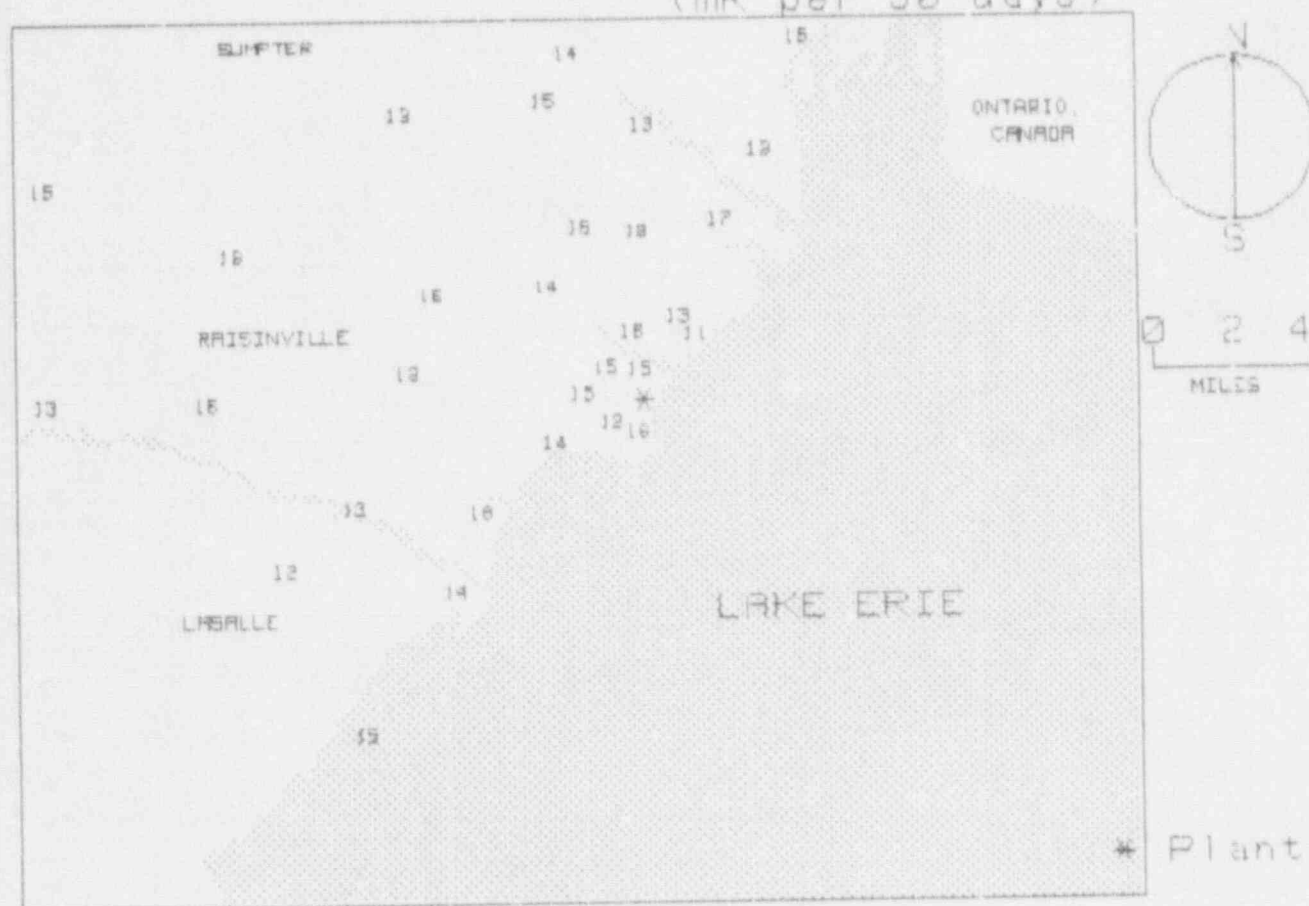
For the period 911202-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.9 +- 2.5	4
11.26 - 33.75 NNE	14.6 +- 1.9	4
33.76 - 56.25 NE	11.2 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	15.7 +- 0.1	2
191.26 - 213.75 SSW	15.7 +- 0.0	1
213.76 - 236.25 SW	15.0 +- 2.4	4
236.26 - 258.75 WSW	12.8 +- 0.9	4
258.76 - 281.25 W	15.0 +- 1.5	4
281.26 - 303.75 WNW	15.5 +- 0.7	3
303.76 - 326.25 NW	13.9 +- 0.7	4
326.26 - 348.75 NNW	14.4 +- 0.8	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr) +- Std.Dev.	Number In Group
0 - 2	14.8 +- 1.4	15
2 - 5	15.2 +- 2.5	8
> 5	14.0 +- 1.2	14
Upwind Control	13.7 +- 1.0	3

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



FITZ/NMP

TLD Direct Radiation Environmental Monitoring

For the period 911205-920422 140 Days

Field Time: 77 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	230	6.9	18.5	+- 0.6; 2.8	13.1	+- 0.8; 4.7	14.9	+- 1.4
2	184	14.0	18.8	+- 0.6; 2.8	13.5	+- 0.8; 4.7	15.9	+- 1.4
3	122	8.4	17.4	+- 0.5; 2.6	11.9	+- 0.8; 4.5	14.7	+- 1.6
4	76	11.0	18.9	+- 0.6; 2.8	13.6	+- 0.8; 4.7	15.1	+- 1.0
5	91	6.8	19.6	+- 0.6; 2.9	14.4	+- 0.8; 4.8	15.4	+- 1.8
6	112	4.3	18.5	+- 0.6; 2.8	13.2	+- 0.8; 4.7	15.2	+- 1.1
7	138	4.3	19.3	+- 0.6; 2.9	14.1	+- 0.8; 4.8	15.2	+- 1.3
8	152	3.6	18.1	+- 0.5; 2.7	12.7	+- 0.8; 4.6	15.2	+- 1.3
9	183	3.9	19.1	+- 0.6; 2.9	13.9	+- 0.8; 4.8	15.5	+- 1.1
10	205	4.5	17.8	+- 0.5; 2.7	12.4	+- 0.8; 4.6	14.5	+- 1.5
11	220	4.4	19.6	+- 0.6; 2.9	14.5	+- 0.8; 4.8	15.4	+- 1.3
12	230	6.1	19.3	+- 0.6; 2.9	14.1	+- 0.8; 4.8	15.6	+- 1.3
13	245	1.8	19.0	+- 0.6; 2.8	13.7	+- 0.8; 4.7	15.4	+- 1.2
14	223	1.8	17.9	+- 0.5; 2.7	12.5	+- 0.8; 4.6	15.0	+- 1.3
15	204	2.0	18.5	+- 0.6; 2.8	13.2	+- 0.8; 4.7	14.9	+- 1.6
16	181	1.8	19.0	+- 0.6; 2.8	13.7	+- 0.8; 4.7	15.1	+- 1.2
17	157	1.9	18.5	+- 0.6; 2.8	13.2	+- 0.8; 4.7	15.2	+- 1.1
18	137	1.6	18.8	+- 0.6; 2.8	13.5	+- 0.8; 4.7	14.9	+- 1.2
19	115	1.2	18.8	+- 0.6; 2.8	13.6	+- 0.8; 4.7	15.0	+- 1.7
20	92	1.1	18.1	+- 0.5; 2.7	12.7	+- 0.8; 4.6	15.8	+- 1.2
21	229	20.0	18.0	+- 0.5; 2.7	12.5	+- 0.8; 4.6	15.0	+- 1.4
22	229	20.0	18.2	+- 0.5; 2.7	12.9	+- 0.8; 4.6	14.6	+- 1.2
23	229	20.0	18.1	+- 0.5; 2.7	12.6	+- 0.8; 4.6	14.8	+- 1.2
24	196	8.0	16.1	+- 0.5; 2.4	10.4	+- 0.7; 4.4	14.7	+- 1.5
25	168	7.2	18.2	+- 0.5; 2.7	12.8	+- 0.8; 4.6	14.4	+- 1.2
26	152	0.6	19.6	+- 0.6; 2.9	14.4	+- 0.8; 4.8	16.2	+- 1.3

Transit Dose = 7.2 +- 0.4; 2.9

FITZ/NMP

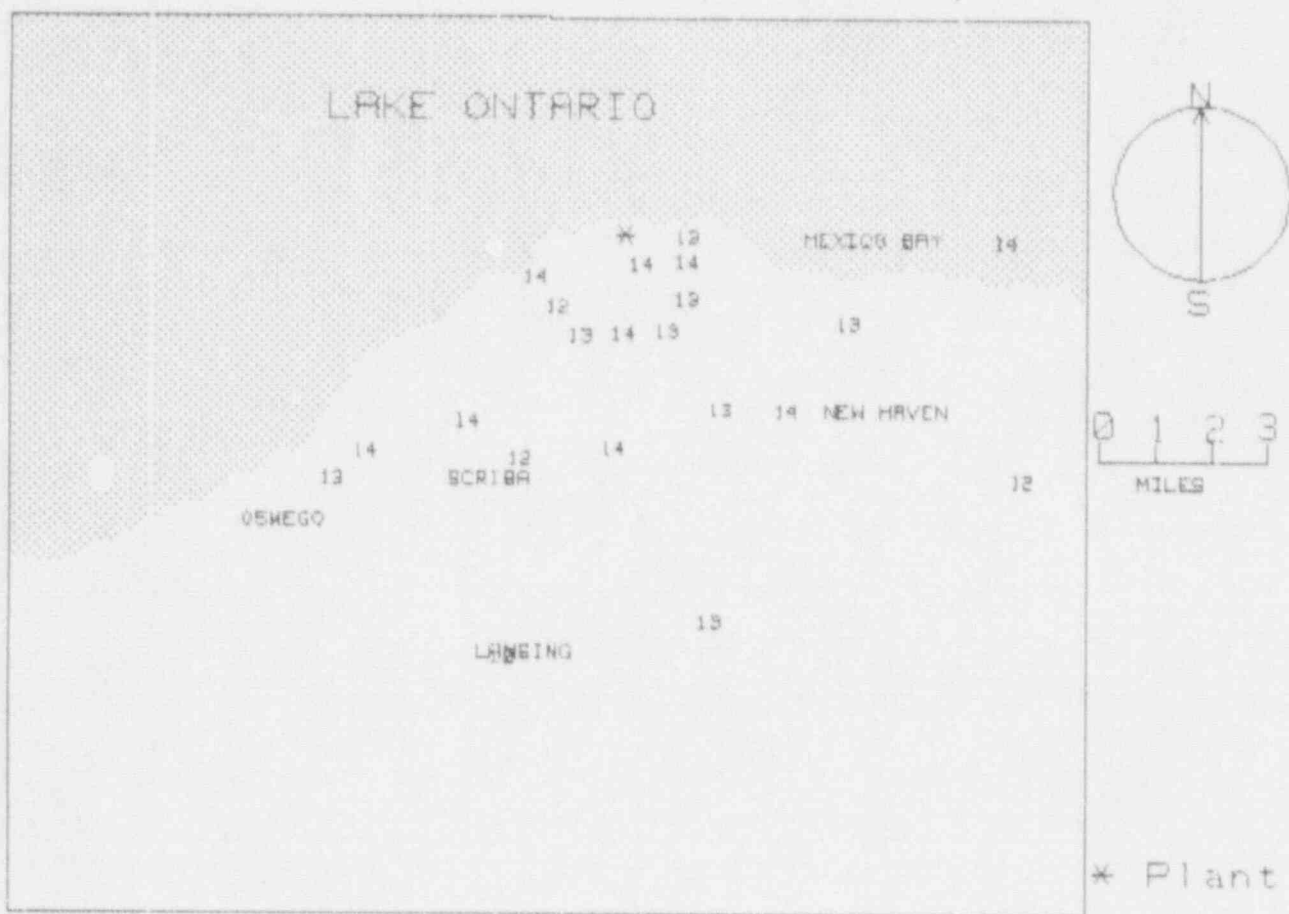
For the period 911205-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	13.6 +- 0.0	1
78.76 - 101.25 E	13.5 +- 1.2	2
101.26 - 123.75 ESE	12.9 +- 0.9	3
123.76 - 146.25 SE	13.8 +- 0.4	2
146.26 - 168.75 SSE	13.3 +- 0.8	4
168.76 - 191.25 S	13.7 +- 0.2	3
191.26 - 213.75 SSW	12.0 +- 1.4	3
213.76 - 236.25 SW	13.5 +- 0.9	4
236.26 - 258.75 WSW	13.7 +- 0.0	1
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.4 +- 0.6	9
2 - 5	13.5 +- 0.8	6
> 5	13.0 +- 1.3	8
Upwind Control	12.7 +- 0.2	3

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



FORT CALHOUN
 TLD Direct Radiation Environmental Monitoring
 For the period 911202-920506 157 Days
 Field Time: 106 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	358 2.0	29.6 +- 0.9; 4.4	20.1 +- 0.8; 4.8	19.0 +- 2.9
2	351 4.6	28.9 +- 0.9; 4.3	19.6 +- 0.8; 4.8	19.7 +- 3.1
3	30 2.5	28.1 +- 0.8; 4.2	18.9 +- 0.8; 4.7	19.6 +- 2.9
4	27 4.6	29.5 +- 0.9; 4.4	20.1 +- 0.8; 4.8	20.1 +- 1.9
5	53 1.9	29.0 +- 0.9; 4.3	19.7 +- 0.8; 4.8	19.2 +- 2.8
6	37 3.9	29.1 +- 0.9; 4.4	19.7 +- 0.8; 4.8	20.0 +- 2.7
7	76 2.3	30.5 +- 0.9; 4.6	20.9 +- 0.9; 4.9	20.4 +- 3.0
8	59 5.2	28.2 +- 0.8; 4.2	19.0 +- 0.8; 4.7	19.5 +- 3.0
9	100 2.3	26.3 +- 0.8; 3.9	17.4 +- 0.8; 4.5	17.8 +- 2.9
10	88 5.6	29.3 +- 0.9; 4.4	19.9 +- 0.8; 4.8	20.3 +- 2.9
11	122 2.3	29.5 +- 0.9; 4.4	20.1 +- 0.8; 4.8	19.8 +- 2.2
12	105 5.7	28.0 +- 0.8; 4.2	18.8 +- 0.8; 4.7	19.2 +- 2.7
13	145 1.9	30.2 +- 0.9; 4.5	20.7 +- 0.9; 4.9	20.3 +- 2.4
14	128 5.5	29.0 +- 0.9; 4.3	19.7 +- 0.8; 4.8	20.0 +- 3.2
15	157 1.9	33.5 +- 1.0; 5.0	23.5 +- 0.9; 5.2	20.9 +- 2.7
16	150 4.9	29.9 +- 0.9; 4.5	20.4 +- 0.8; 4.9	20.5 +- 2.8
17	173 0.5	27.8 +- 0.8; 4.2	18.7 +- 0.8; 4.7	20.1 +- 3.2
18	173 5.3	31.1 +- 0.9; 4.7	21.4 +- 0.9; 5.0	21.2 +- 2.7
19	212 2.5	33.9 +- 1.0; 5.1	23.8 +- 0.9; 5.3	22.6 +- 2.8
20	204 5.3	32.1 +- 1.0; 4.8	22.3 +- 0.9; 5.1	21.3 +- 2.7
21	233 2.0	29.9 +- 0.9; 4.5	20.4 +- 0.8; 4.9	21.7 +- 2.9
22	224 4.6	32.2 +- 1.0; 4.8	22.3 +- 0.9; 5.1	21.8 +- 2.9
23	239 0.6	29.4 +- 0.9; 4.4	20.0 +- 0.8; 4.8	20.1 +- 2.9
24	243 6.9	26.3 +- 0.8; 4.0	17.4 +- 0.8; 4.5	18.6 +- 2.7
25	269 3.3	32.9 +- 1.0; 4.9	22.9 +- 0.9; 5.2	21.9 +- 3.3
26	262 5.9	32.6 +- 1.0; 4.9	22.7 +- 0.9; 5.1	22.2 +- 2.9
27	350 3.0	28.5 +- 0.9; 4.3	19.2 +- 0.8; 4.7	19.5 +- 4.6
28	292 5.0	30.5 +- 0.9; 4.6	21.0 +- 0.9; 4.9	20.3 +- 2.6
29	311 2.4	30.9 +- 0.9; 4.6	21.3 +- 0.9; 5.0	20.4 +- 2.9
30	310 5.5	31.9 +- 1.0; 4.8	22.2 +- 0.9; 5.1	21.0 +- 2.6
31	340 2.3	Missing Dosimeter	No Net Data	19.8 +- 3.1
32	338 5.3	29.5 +- 0.9; 4.4	20.1 +- 0.8; 4.8	20.3 +- 2.8
33	182 0.5	29.9 +- 0.9; 4.5	20.4 +- 0.8; 4.9	20.1 +- 2.6
35	127 2.2	28.4 +- 0.9; 4.3	19.2 +- 0.8; 4.7	18.7 +- 2.2
39	150 5.0	29.2 +- 0.9; 4.4	19.9 +- 0.8; 4.8	18.4 +- 2.1
40	73 9.5	30.9 +- 0.9; 4.6	21.3 +- 0.9; 5.0	20.5 +- 3.1
43	29 8.0	27.7 +- 0.8; 4.2	18.5 +- 0.8; 4.6	19.1 +- 3.2
44	65 3.5	27.2 +- 0.8; 4.1	18.2 +- 0.8; 4.6	18.0 +- 2.8
45	182 4.2	29.8 +- 0.9; 4.5	20.4 +- 0.8; 4.9	20.7 +- 2.6
47	298 4.5	29.0 +- 0.9; 4.3	19.6 +- 0.8; 4.8	20.0 +- 3.1
48	13 14.0	29.7 +- 0.9; 4.5	20.3 +- 0.8; 4.8	19.6 +- 1.9
49	207 18.0	30.5 +- 0.9; 4.6	21.0 +- 0.9; 4.9	21.0 +- 3.3

Transit Dose = 5.8 +- 0.4; 3.6

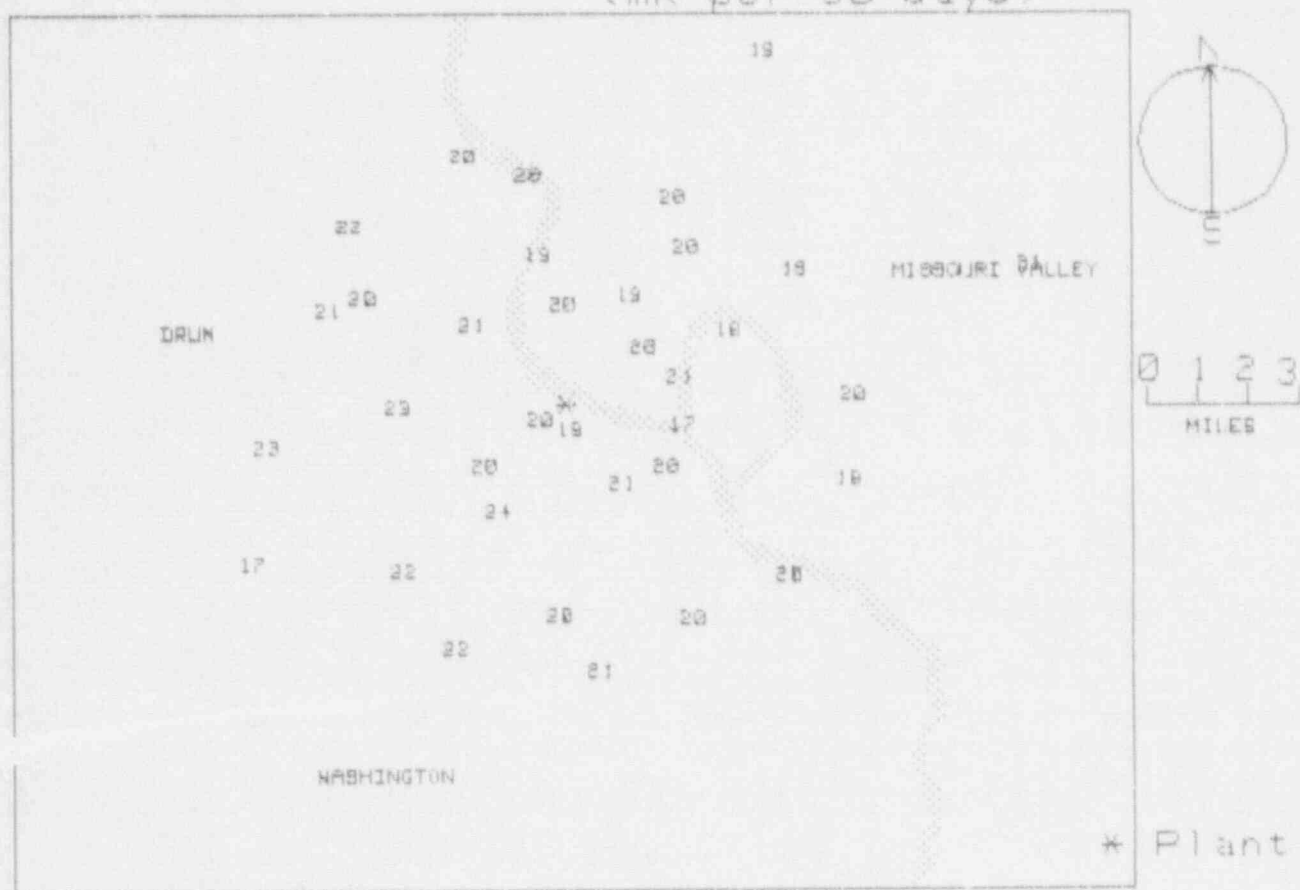
FORT CALHOUN
For the period 911202-920506

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.6 +- 0.5	3
11.26 - 33.75 NNE	19.2 +- 0.8	3
33.76 - 56.25 NE	19.7 +- 0.1	2
56.26 - 78.75 ENE	19.8 +- 1.5	4
78.76 - 101.25 E	18.7 +- 1.8	2
101.26 - 123.75 ESE	19.5 +- 0.9	2
123.76 - 146.25 SE	19.8 +- 0.8	3
146.26 - 168.75 SSE	21.3 +- 2.0	3
168.76 - 191.25 S	20.2 +- 1.1	4
191.26 - 213.75 SSW	23.1 +- 1.1	2
213.76 - 236.25 SW	21.4 +- 1.4	2
236.26 - 258.75 WSW	18.7 +- 1.8	2
258.76 - 281.25 W	22.8 +- 0.1	2
281.26 - 303.75 WNW	20.3 +- 0.9	2
303.76 - 326.25 NW	21.7 +- 0.6	2
326.26 - 348.75 NNW	20.1 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.4 +- 1.4	8
2 - 5	20.3 +- 1.6	19
> 5	20.3 +- 1.7	12
Upwind Control	20.6 +- 0.5	2

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



FORT ST. VRAIN
 TLD Direct Radiation Environmental Monitoring
 For the period 911201-920429 151 Days
 Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	8	0.8	40.5	+ - 1.2; 6.1	28.6	+ - 1.3; 7.0	30.0	+ - 3.4
2	2	3.3	41.2	+ - 1.2; 6.2	29.3	+ - 1.3; 7.1	29.3	+ - 3.6
3	29	2.6	41.4	+ - 1.2; 6.2	29.5	+ - 1.3; 7.1	30.0	+ - 3.8
4	17	5.4	41.5	+ - 1.2; 6.2	29.5	+ - 1.3; 7.1	30.2	+ - 3.8
5	54	2.1	39.2	+ - 1.2; 5.9	27.3	+ - 1.3; 6.8	28.8	+ - 3.8
6	48	4.8	43.1	+ - 1.3; 6.5	31.1	+ - 1.4; 7.3	30.9	+ - 3.4
7	76	2.6	41.1	+ - 1.2; 6.2	29.2	+ - 1.3; 7.1	32.0	+ - 3.7
8	58	4.2	41.1	+ - 1.2; 6.2	29.1	+ - 1.3; 7.0	30.5	+ - 3.5
9	100	1.5	42.1	+ - 1.3; 6.3	30.1	+ - 1.4; 7.2	30.9	+ - 3.6
10	87	4.5	41.0	+ - 1.2; 6.1	29.1	+ - 1.3; 7.0	29.2	+ - 3.4
11	118	1.6	43.8	+ - 1.3; 6.6	31.8	+ - 1.4; 7.4	33.2	+ - 3.7
12	104	3.0	43.8	+ - 1.3; 6.6	31.8	+ - 1.4; 7.4	32.6	+ - 3.3
13	143	1.6	42.2	+ - 1.3; 6.3	30.3	+ - 1.4; 7.2	30.8	+ - 3.5
14	128	4.5	40.5	+ - 1.2; 6.1	28.6	+ - 1.3; 7.0	30.8	+ - 3.1
15	168	2.3	40.2	+ - 1.2; 6.0	28.2	+ - 1.3; 6.9	28.5	+ - 3.3
16	148	4.6	40.3	+ - 1.2; 6.0	28.4	+ - 1.3; 6.9	28.6	+ - 3.4
17	182	0.8	41.4	+ - 1.2; 6.2	29.5	+ - 1.3; 7.1	30.5	+ - 3.4
18	175	4.8	43.1	+ - 1.3; 6.5	31.1	+ - 1.4; 7.3	31.1	+ - 3.7
19	210	0.9	41.6	+ - 1.2; 6.2	29.6	+ - 1.3; 7.1	31.2	+ - 3.3
20	200	2.9	42.7	+ - 1.3; 6.4	30.8	+ - 1.4; 7.3	30.8	+ - 3.8
21	234	1.3	43.6	+ - 1.3; 6.5	31.6	+ - 1.4; 7.4	31.5	+ - 3.4
22	216	3.3	40.8	+ - 1.2; 6.1	28.9	+ - 1.3; 7.0	28.6	+ - 3.4
23	254	2.5	40.8	+ - 1.2; 6.1	28.9	+ - 1.3; 7.0	29.3	+ - 3.5
24	244	3.8	41.7	+ - 1.3; 6.3	29.8	+ - 1.3; 7.1	29.4	+ - 3.4
25	278	1.5	40.5	+ - 1.2; 6.1	28.6	+ - 1.3; 7.0	28.4	+ - 3.1
26	263	5.4	43.8	+ - 1.3; 6.6	31.8	+ - 1.4; 7.4	29.6	+ - 3.7
27	297	1.7	39.6	+ - 1.2; 5.9	27.7	+ - 1.3; 6.9	28.4	+ - 3.6
28	284	5.6	40.9	+ - 1.2; 6.1	29.0	+ - 1.3; 7.0	29.3	+ - 3.2
29	317	0.9	40.6	+ - 1.2; 6.1	28.7	+ - 1.3; 7.0	28.8	+ - 3.4
30	305	4.2	37.0	+ - 1.1; 5.6	25.2	+ - 1.2; 6.6	27.6	+ - 3.3
31	338	1.4	40.4	+ - 1.2; 6.1	28.5	+ - 1.3; 7.0	28.9	+ - 3.5
32	330	5.0	37.1	+ - 1.1; 5.6	25.2	+ - 1.2; 6.6	26.5	+ - 3.5
33	267	6.5	37.2	+ - 1.1; 5.6	25.3	+ - 1.2; 6.6	30.2	+ - 3.9
34	130	3.7	Missing Dosimeter		No Net Data		29.4	+ - 3.5
35	270	0.1	41.2	+ - 1.2; 6.2	29.3	+ - 1.3; 7.1	28.8	+ - 3.8
38	345	6.7	43.7	+ - 1.3; 6.6	31.7	+ - 1.4; 7.4	30.7	+ - 3.7
39	10	6.0	38.6	+ - 1.2; 5.8	26.7	+ - 1.3; 6.7	29.3	+ - 3.8
40	63	6.0	39.5	+ - 1.2; 5.9	27.6	+ - 1.3; 6.8	29.3	+ - 3.8
41	165	12.0	41.8	+ - 1.3; 6.3	29.9	+ - 1.3; 7.1	32.1	+ - 3.1
42	248	13.0	49.6	+ - 1.5; 7.4	37.5	+ - 1.6; 8.1	33.5	+ - 4.1
45	198	11.0	40.8	+ - 1.2; 6.1	28.9	+ - 1.3; 7.0	30.2	+ - 3.4
46	39	16.0	37.5	+ - 1.1; 5.6	25.7	+ - 1.2; 6.6	28.4	+ - 3.6
47	357	17.0	38.9	+ - 1.2; 5.8	27.0	+ - 1.3; 6.8	27.0	+ - 3.6
48	171	18.0	42.8	+ - 1.3; 6.4	30.9	+ - 1.4; 7.3	30.4	+ - 3.5
49	360	0.5	48.7	+ - 1.5; 7.3	36.6	+ - 1.5; 8.0	32.2	+ - 3.4

Transit Dose = 11.3 + - 0.6; 3.7

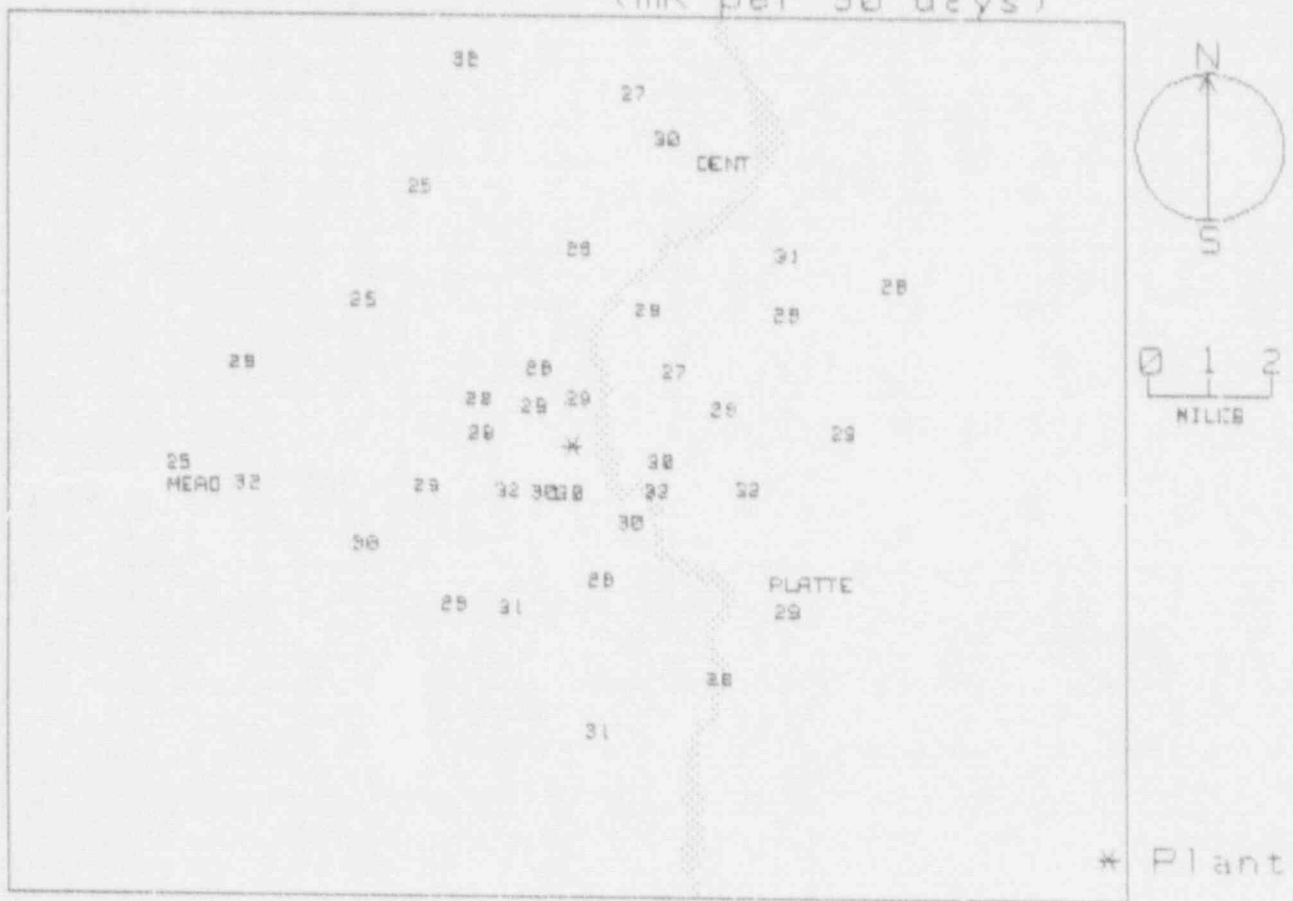
FORT ST. VRAIN
For the period 911201-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	28.2 +- 1.3	3
11.26 - 33.75 NNE	29.5 +- 0.0	2
33.76 - 56.25 NE	28.0 +- 2.8	3
56.26 - 78.75 ENE	28.6 +- 0.9	3
78.76 - 101.25 E	29.6 +- 0.8	2
101.26 - 123.75 ESE	31.8 +- 0.0	2
123.76 - 146.25 SE	29.4 +- 1.2	2
146.26 - 168.75 SSE	28.8 +- 0.9	3
168.76 - 191.25 S	30.3 +- 1.1	2
191.26 - 213.75 SSW	29.8 +- 0.9	3
213.76 - 236.25 SW	30.2 +- 1.9	2
236.26 - 258.75 WSW	32.0 +- 4.7	3
258.76 - 281.25 W	28.8 +- 2.7	4
281.26 - 303.75 WNW	28.4 +- 0.9	2
303.76 - 326.25 NW	27.0 +- 2.5	2
326.26 - 348.75 NNW	28.5 +- 3.2	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	29.5 +- 1.2	12
2 - 5	29.0 +- 1.8	18
> 5	29.4 +- 3.4	11
Upwind Control	31.5 +- 4.8	3

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



GINNA

TLD Direct Radiation Environmental Monitoring

For the period 911205-920422 140 Days

Field Time: 78 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	95	1.7	18.6	+- 0.6; 2.8	13.1	+- 0.8; 4.7	15.2	+- 1.2
2	108	1.1	18.8	+- 0.6; 2.8	13.3	+- 0.8; 4.7	14.9	+- 1.5
3	142	1.7	18.6	+- 0.6; 2.8	13.1	+- 0.8; 4.7	14.9	+- 1.8
4	154	1.5	18.8	+- 0.6; 2.8	13.3	+- 0.8; 4.7	15.5	+- 1.9
5	174	1.4	19.9	+- 0.6; 3.0	14.6	+- 0.8; 4.8	15.7	+- 1.9
6	212	1.6	18.5	+- 0.6; 2.8	12.9	+- 0.8; 4.6	14.7	+- 1.7
7	244	0.9	17.9	+- 0.5; 2.7	12.2	+- 0.8; 4.6	14.5	+- 1.8
8	230	0.6	19.1	+- 0.6; 2.9	13.6	+- 0.8; 4.7	15.7	+- 2.0
10	266	1.5	17.8	+- 0.5; 2.7	12.2	+- 0.8; 4.6	15.1	+- 1.6
11	264	4.6	20.1	+- 0.6; 3.0	14.8	+- 0.8; 4.8	16.3	+- 1.1
12	245	3.8	18.5	+- 0.6; 2.8	12.9	+- 0.8; 4.6	14.8	+- 1.9
13	235	4.2	18.4	+- 0.6; 2.8	12.8	+- 0.8; 4.6	14.4	+- 1.5
14	200	3.8	18.1	+- 0.5; 2.7	12.5	+- 0.8; 4.6	14.2	+- 1.8
15	178	3.4	18.9	+- 0.6; 2.8	13.4	+- 0.8; 4.7	15.0	+- 1.5
16	160	3.7	17.4	+- 0.5; 2.6	11.6	+- 0.8; 4.5	14.1	+- 1.8
17	134	3.8	19.6	+- 0.6; 2.9	14.2	+- 0.8; 4.8	14.3	+- 1.7
18	115	4.3	Missing Dosimeter		No Net Data		15.3	+- 1.4
19	88	4.0	19.6	+- 0.6; 2.9	14.2	+- 0.8; 4.8	14.4	+- 1.7
20	90	6.2	17.5	+- 0.5; 2.6	11.8	+- 0.8; 4.5	13.5	+- 1.6
21	123	7.6	17.9	+- 0.5; 2.7	12.2	+- 0.8; 4.6	13.8	+- 1.9
22	151	11.0	17.1	+- 0.5; 2.6	11.3	+- 0.8; 4.5	14.3	+- 1.5
23	105	12.0	20.1	+- 0.6; 3.0	14.8	+- 0.8; 4.8	14.9	+- 2.2
24	212	14.0	22.7	+- 0.7; 3.4	17.7	+- 0.9; 5.2	18.3	+- 1.4
25	223	13.0	17.6	+- 0.5; 2.6	11.9	+- 0.8; 4.5	14.5	+- 2.1
26	242	16.0	20.9	+- 0.6; 3.1	15.8	+- 0.9; 4.9	16.1	+- 1.4
27	254	14.0	18.3	+- 0.6; 2.8	12.8	+- 0.8; 4.6	16.2	+- 1.6
28	234	6.9	18.6	+- 0.6; 2.8	13.0	+- 0.8; 4.7	14.6	+- 1.6
29	185	0.3	19.8	+- 0.6; 3.0	14.4	+- 0.8; 4.8	15.9	+- 1.3
30	264	15.0	17.1	+- 0.5; 2.6	11.3	+- 0.8; 4.5	14.2	+- 1.8

Transit Dose = 7.3 +- 0.4; 2.9

GINNA

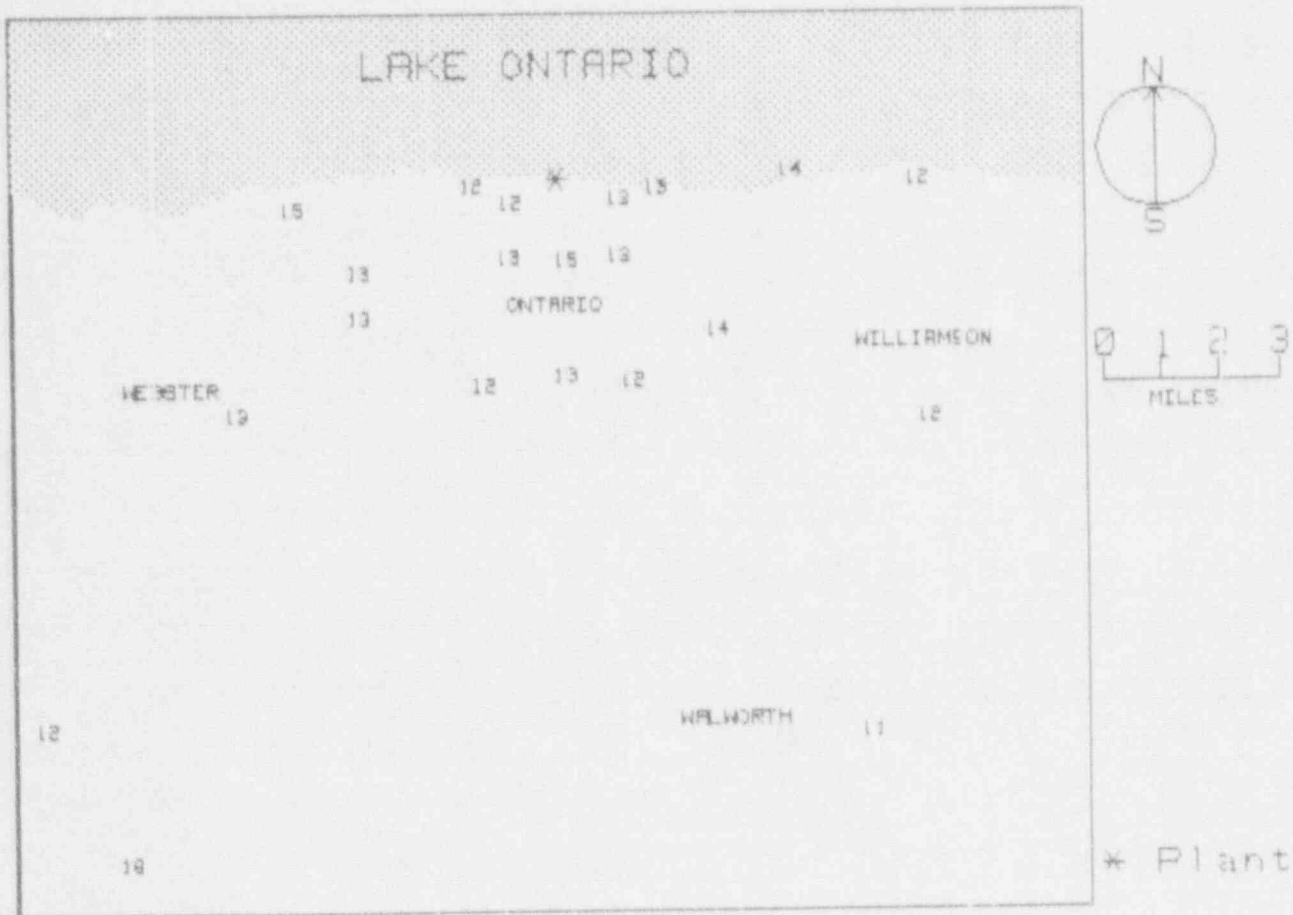
For the period 911205-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	13.0 +- 1.2	3
101.26 - 123.75 ESE	13.4 +- 1.3	3
123.76 - 146.25 SE	13.6 +- 0.8	2
146.26 - 168.75 SSE	12.1 +- 1.1	3
168.76 - 191.25 S	14.2 +- 0.6	3
191.26 - 213.75 SSW	14.4 +- 2.9	3
213.76 - 236.25 SW	12.8 +- 0.7	4
236.26 - 258.75 WSW	12.6 +- 0.5	2
258.76 - 281.25 W	13.5 +- 1.8	2
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.3 +- 0.8	10
2 - 5	13.3 +- 1.0	8
> 5	13.2 +- 2.3	7
Upwind Control	13.3 +- 2.3	3

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



GRAND GULF
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920422 142 Days
 Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/ (Deg)	Dist (Mi)	Exposure (mR)	+Rdm; Tot.	(mR/Std. Qtr.)	+Rdm; Tot.	Net Exp Rate	+1 Std Dev
1	337	2.0	20.1	+ 0.6; 3.0	13.3	+ 0.7; 4.3	17.3	+ 1.8
2	351	1.6	21.9	+ 0.7; 3.3	15.1	+ 0.8; 4.5	14.8	+ 1.8
3	20	1.5	24.7	+ 0.7; 3.7	17.9	+ 0.8; 4.3	17.4	+ 2.0
4	51	2.3	23.1	+ 0.7; 3.5	16.3	+ 0.8; 4.6	16.4	+ 1.9
5	68	2.7	23.5	+ 0.7; 3.5	16.6	+ 0.8; 4.7	17.6	+ 2.0
6	47	4.1	21.3	+ 0.6; 3.2	14.5	+ 0.7; 4.4	15.9	+ 1.8
7	68	4.9	24.6	+ 0.7; 3.7	17.8	+ 0.8; 4.8	19.0	+ 1.8
8	91	3.2	25.4	+ 0.8; 3.8	18.6	+ 0.9; 4.9	18.8	+ 1.7
9	81	1.0	23.7	+ 0.7; 3.6	16.9	+ 0.8; 4.7	17.0	+ 1.9
10	109	0.6	25.1	+ 0.8; 3.8	18.3	+ 0.8; 4.9	18.8	+ 1.7
11	139	0.8	24.4	+ 0.7; 3.7	17.6	+ 0.8; 4.8	18.6	+ 1.9
12	185	1.6	23.9	+ 0.7; 3.6	17.1	+ 0.8; 4.7	17.7	+ 1.8
13	207	1.9	24.6	+ 0.7; 3.7	17.7	+ 0.8; 4.8	18.6	+ 1.9
14	247	1.5	23.4	+ 0.7; 3.5	16.6	+ 0.8; 4.7	19.1	+ 6.3
15	130	4.2	24.6	+ 0.7; 3.7	17.8	+ 0.8; 4.8	18.4	+ 1.7
16	122	4.8	23.7	+ 0.7; 3.6	16.9	+ 0.8; 4.7	18.4	+ 1.6
17	135	5.3	23.7	+ 0.7; 3.6	16.9	+ 0.8; 4.7	17.0	+ 1.7
18	147	4.3	20.6	+ 0.6; 3.1	13.9	+ 0.7; 4.4	15.4	+ 1.5
19	224	6.8	24.7	+ 0.7; 3.7	17.8	+ 0.8; 4.8	18.6	+ 1.5
20	172	3.6	22.6	+ 0.7; 3.4	15.8	+ 0.8; 4.6	16.4	+ 1.7
21	291	12.0	23.3	+ 0.7; 3.5	16.5	+ 0.8; 4.6	16.6	+ 1.7
22	332	8.0	25.4	+ 0.8; 3.8	18.6	+ 0.9; 4.9	19.4	+ 2.0
23	310	7.9	21.3	+ 0.6; 3.2	14.5	+ 0.7; 4.4	16.3	+ 2.6
24	281	7.0	23.0	+ 0.7; 3.5	16.2	+ 0.8; 4.6	16.4	+ 1.8
25	291	4.8	24.8	+ 0.7; 3.7	18.0	+ 0.8; 4.8	17.9	+ 1.9
26	248	9.5	23.1	+ 0.7; 3.5	16.3	+ 0.8; 4.6	16.7	+ 1.8
27	239	13.0	22.9	+ 0.7; 3.4	16.1	+ 0.8; 4.6	16.0	+ 1.7
29	90	0.9	24.3	+ 0.7; 3.6	17.5	+ 0.8; 4.8	17.4	+ 1.7
30	67	51.0	21.2	+ 0.6; 3.2	14.5	+ 0.7; 4.4	14.3	+ 1.4
31	67	51.0	20.7	+ 0.6; 3.1	14.0	+ 0.7; 4.4	14.4	+ 2.2
32	67	51.0	20.0	+ 0.6; 3.0	13.3	+ 0.7; 4.3	14.2	+ 1.7
33	206	4.8	25.2	+ 0.8; 3.8	18.4	+ 0.8; 4.9	18.2	+ 2.0

Transit Dose = 6.4 +- 0.4; 3.2

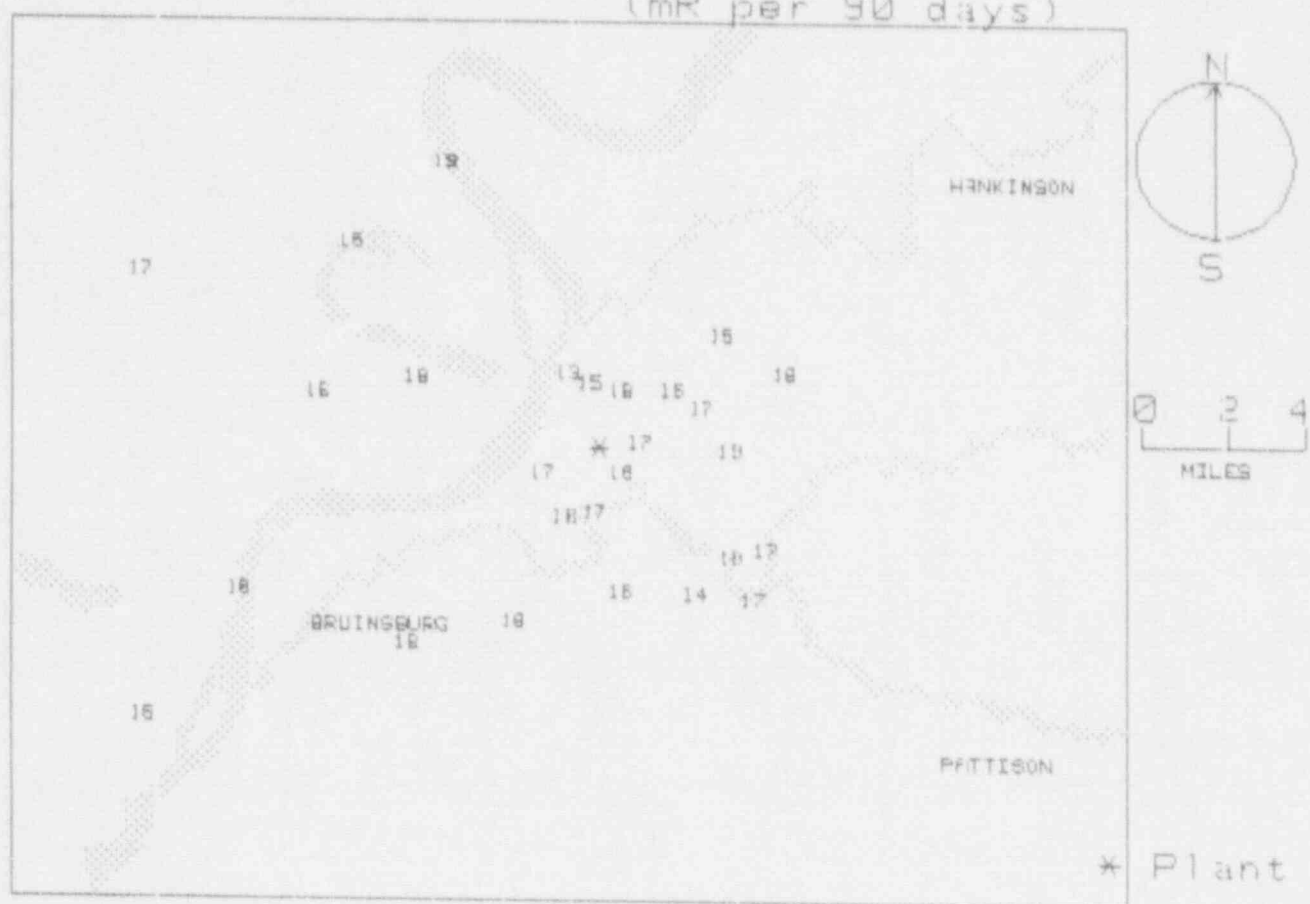
GRAND GULF
For the period 911203-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.1 +- 0.0	1
11.26 - 33.75 NNE	17.9 +- 0.0	1
33.76 - 56.25 NE	15.4 +- 1.3	2
56.26 - 78.75 ENE	17.2 +- 0.8	2
78.76 - 101.25 E	17.7 +- 0.9	3
101.26 - 123.75 ESE	17.6 +- 1.0	2
123.76 - 146.25 SE	17.4 +- 0.5	3
146.26 - 168.75 SSE	13.9 +- 0.0	1
168.76 - 191.25 S	16.4 +- 0.9	2
191.26 - 213.75 SSW	18.1 +- 0.4	2
213.76 - 236.25 SW	17.8 +- 0.0	1
236.26 - 258.75 WSW	16.3 +- 0.3	3
258.76 - 281.25 W	16.2 +- 0.0	1
281.26 - 303.75 WNW	17.2 +- 1.1	2
303.76 - 326.25 NW	14.5 +- 0.0	1
326.26 - 348.75 NNW	16.0 +- 3.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.8 +- 1.5	10
2 - 5	16.8 +- 1.6	11
> 5	16.6 +- 1.2	8
Upwind Control	13.9 +- 0.6	3

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



HADDAM NECK
 TLD Direct Radiation Environmental Monitoring
 For the period 911204-920423 142 Days
 Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
2	17	2.6	24.4	+ 0.7; 3.7	19.1	+ 0.8; 4.7	18.7	+ 1.9
3	45	1.9	23.9	+ 0.7; 3.6	18.7	+ 0.8; 4.7	18.2	+ 2.7
4	67	2.3	23.6	+ 0.7; 3.5	18.3	+ 0.8; 4.6	17.4	+ 1.6
5	93	1.6	22.0	+ 0.7; 3.3	16.7	+ 0.8; 4.5	15.9	+ 1.7
6	115	2.3	21.8	+ 0.7; 3.3	16.6	+ 0.7; 4.4	15.4	+ 1.8
7	143	1.9	23.4	+ 0.7; 3.5	18.2	+ 0.8; 4.6	17.5	+ 2.0
8	165	0.9	21.6	+ 0.6; 3.2	16.4	+ 0.7; 4.4	16.7	+ 1.4
9	174	1.3	24.3	+ 0.7; 3.6	19.0	+ 0.8; 4.7	18.0	+ 2.0
10	195	0.7	22.4	+ 0.7; 3.4	17.1	+ 0.8; 4.5	15.9	+ 1.8
12	241	0.8	23.1	+ 0.7; 3.5	17.9	+ 0.8; 4.6	17.0	+ 1.6
13	263	0.8	21.6	+ 0.6; 3.2	16.3	+ 0.7; 4.4	15.8	+ 1.8
14	290	1.9	23.7	+ 0.7; 3.6	18.5	+ 0.8; 4.6	17.5	+ 1.8
15	311	1.5	20.3	+ 0.6; 3.0	15.0	+ 0.7; 4.3	15.2	+ 1.7
16	341	1.3	22.4	+ 0.7; 3.4	17.1	+ 0.8; 4.5	16.6	+ 1.7
17	360	2.3	25.0	+ 0.8; 3.8	19.7	+ 0.8; 4.8	19.3	+ 1.9
18	222	2.5	21.0	+ 0.6; 3.2	15.8	+ 0.7; 4.3	15.9	+ 1.7
19	269	3.0	21.6	+ 0.6; 3.2	16.4	+ 0.7; 4.4	15.9	+ 1.9
20	66	3.2	21.3	+ 0.6; 3.2	16.0	+ 0.7; 4.4	16.3	+ 1.7
21	91	2.8	23.0	+ 0.7; 3.5	17.8	+ 0.8; 4.6	18.0	+ 2.0
22	112	3.2	23.3	+ 0.7; 3.5	18.0	+ 0.8; 4.6	16.6	+ 2.0
23	137	2.9	23.0	+ 0.7; 3.5	17.7	+ 0.8; 4.6	16.2	+ 2.1
24	155	7.1	19.9	+ 0.6; 3.0	14.7	+ 0.7; 4.2	15.7	+ 1.5
25	175	5.7	21.6	+ 0.6; 3.2	16.4	+ 0.7; 4.4	16.0	+ 1.8
26	196	2.5	20.7	+ 0.6; 3.1	15.5	+ 0.7; 4.3	15.2	+ 1.6
27	225	1.1	22.8	+ 0.7; 3.4	17.5	+ 0.8; 4.5	17.3	+ 2.1
28	250	3.5	24.6	+ 0.7; 3.7	19.3	+ 0.8; 4.7	16.8	+ 2.8
29	340	20.0	24.4	+ 0.7; 3.7	19.1	+ 0.8; 4.7	20.9	+ 4.4
30	286	3.2	21.8	+ 0.7; 3.3	16.6	+ 0.7; 4.4	15.8	+ 1.7
31	322	2.7	23.2	+ 0.7; 3.5	18.0	+ 0.8; 4.6	17.1	+ 1.8
32	327	2.9	24.3	+ 0.7; 3.6	19.0	+ 0.8; 4.7	18.9	+ 1.8
33	359	6.4	21.7	+ 0.6; 3.2	16.4	+ 0.7; 4.4	15.7	+ 1.4
35	54	10.0	21.8	+ 0.7; 3.3	16.5	+ 0.7; 4.4	16.6	+ 1.7
36	72	8.8	24.9	+ 0.7; 3.7	19.7	+ 0.8; 4.8	18.8	+ 1.8
37	149	6.8	21.9	+ 0.7; 3.3	16.6	+ 0.7; 4.4	15.2	+ 1.7
38	158	5.9	21.2	+ 0.6; 3.2	16.0	+ 0.7; 4.4	15.0	+ 1.7
39	267	8.8	22.1	+ 0.7; 3.3	16.9	+ 0.8; 4.5	16.4	+ 1.9
40	303	9.1	22.7	+ 0.7; 3.4	17.4	+ 0.8; 4.5	18.2	+ 1.5
41	313	9.6	21.8	+ 0.7; 3.3	16.5	+ 0.7; 4.4	16.1	+ 1.6
42	320	13.0	24.6	+ 0.7; 3.7	19.3	+ 0.8; 4.7	18.0	+ 1.8
43	324	18.0	21.6	+ 0.6; 3.2	16.4	+ 0.7; 4.4	15.8	+ 1.5
44	328	15.0	23.3	+ 0.7; 3.5	18.0	+ 0.8; 4.6	17.4	+ 1.8
45	343	18.0	23.7	+ 0.7; 3.6	18.5	+ 0.8; 4.6	18.2	+ 1.9
46	144	5.0	22.4	+ 0.7; 3.4	17.2	+ 0.8; 4.5	17.1	+ 2.2
49	340	20.0	24.3	+ 0.7; 3.6	19.0	+ 0.8; 4.7	17.7	+ 1.9

Transit Dose = 5.1 +- 0.4; 3.1

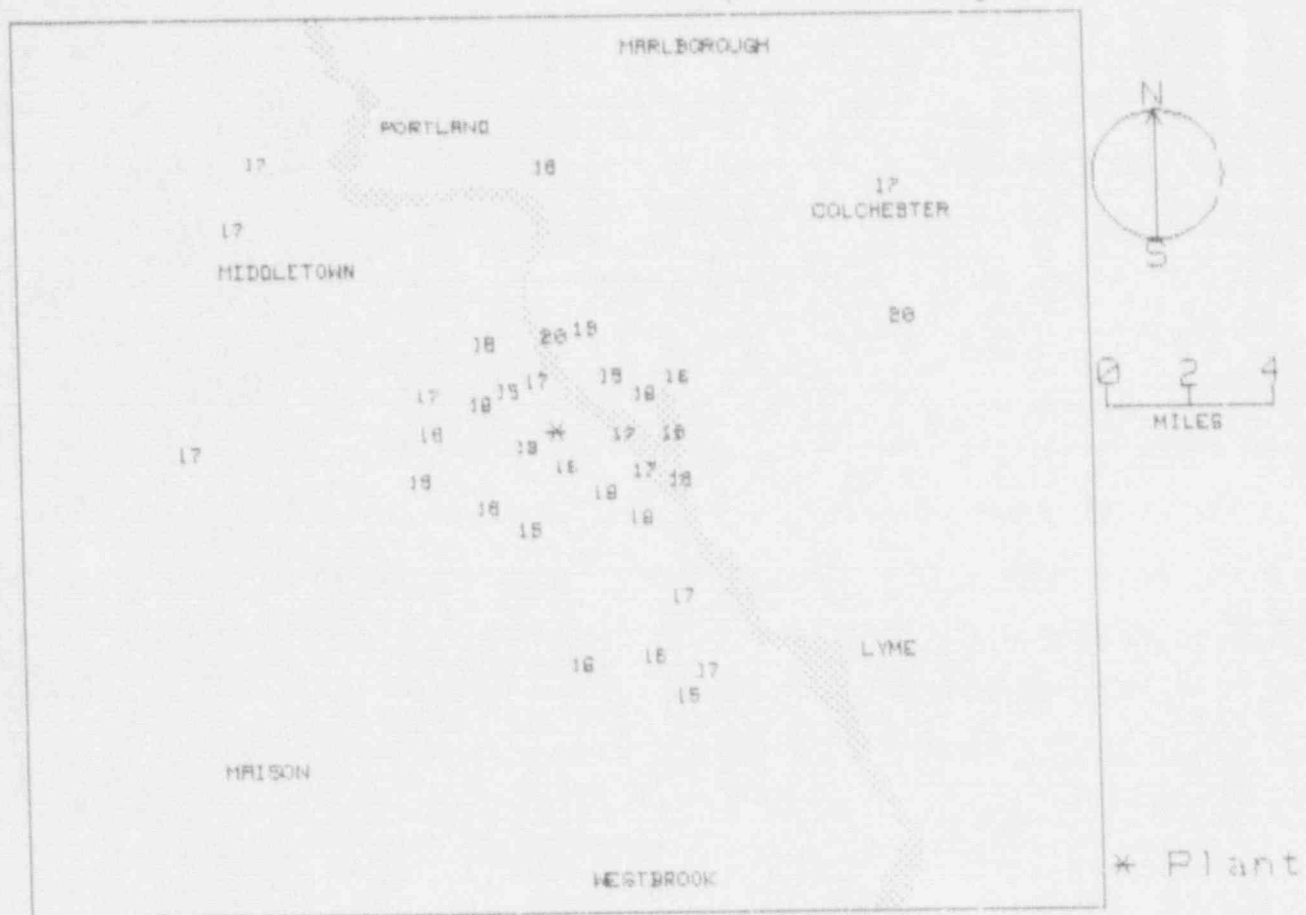
HADDAM NECK
For the period 911204-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.1 +- 2.3	2
11.26 - 33.75 NNE	19.1 +- 0.0	1
33.76 - 56.25 NE	17.6 +- 1.5	2
56.26 - 78.75 ENE	18.0 +- 1.8	3
78.76 - 101.25 E	17.2 +- 0.7	2
101.26 - 123.75 ESE	17.3 +- 1.0	2
123.76 - 146.25 SE	17.7 +- 0.5	3
146.26 - 168.75 SSE	15.9 +- 0.8	4
168.76 - 191.25 S	17.7 +- 1.9	2
191.26 - 213.75 SSW	16.3 +- 1.2	2
213.76 - 236.25 SW	16.7 +- 1.2	2
236.26 - 258.75 WSW	18.6 +- 1.0	2
258.76 - 281.25 W	16.5 +- 0.3	3
281.26 - 303.75 WNW	17.5 +- 1.0	3
303.76 - 326.25 NW	17.0 +- 1.6	5
326.26 - 348.75 NNW	18.3 +- 0.8	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.4 +- 1.2	12
2 - 5	17.6 +- 1.3	16
> 5	17.2 +- 1.4	15
Upwind Control	19.0 +- 0.0	1

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



HARRIS

TLD Direct Radiation Environmental Monitoring
 For the period 911203-920422 142 Days
 Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	36	2.6	27.2	+- 0.8; 4.1	15.5	+- 1.1; 5.8	17.5	+- 2.2
2	25	3.2	25.9	+- 0.8; 3.9	14.2	+- 1.0; 5.7	15.2	+- 4.0
3	5	2.5	27.5	+- 0.8; 4.1	15.9	+- 1.1; 5.9	17.5	+- 1.8
4	27	1.5	29.0	+- 0.9; 4.3	17.4	+- 1.1; 6.0	18.7	+- 2.2
5	36	0.9	26.5	+- 0.8; 4.0	14.8	+- 1.0; 5.7	15.1	+- 1.8
6	68	0.8	24.6	+- 0.7; 3.7	12.8	+- 1.0; 5.5	13.1	+- 3.8
7	98	0.7	26.9	+- 0.8; 4.0	15.2	+- 1.1; 5.8	16.1	+- 1.7
8	232	0.7	25.6	+- 0.8; 3.8	13.8	+- 1.0; 5.6	14.3	+- 3.9
9	190	0.8	24.0	+- 0.7; 3.6	12.1	+- 1.0; 5.5	12.8	+- 3.9
10	158	0.7	23.2	+- 0.7; 3.5	11.4	+- 1.0; 5.4	14.3	+- 4.0
11	42	4.7	28.2	+- 0.8; 4.2	16.7	+- 1.1; 6.0	20.4	+- 2.2
12	40	8.6	28.4	+- 0.9; 4.3	16.8	+- 1.1; 6.0	16.7	+- 3.8
13	298	13.0	25.5	+- 0.8; 3.8	13.7	+- 1.0; 5.6	13.9	+- 4.0
14	298	12.0	25.9	+- 0.8; 3.9	14.1	+- 1.0; 5.7	14.7	+- 4.1
15	298	11.0	24.2	+- 0.7; 3.6	12.4	+- 1.0; 5.5	13.2	+- 4.1
16	332	4.8	24.3	+- 0.7; 3.6	12.4	+- 1.0; 5.5	14.8	+- 4.1
17	291	4.5	21.6	+- 0.6; 3.2	9.6	+- 0.9; 5.2	14.0	+- 3.2
18	270	5.1	25.8	+- 0.8; 3.9	14.0	+- 1.0; 5.7	14.7	+- 3.7
19	240	5.1	28.3	+- 0.8; 4.2	16.7	+- 1.1; 6.0	17.0	+- 4.1
20	227	4.8	25.2	+- 0.8; 3.8	13.4	+- 1.0; 5.6	12.6	+- 3.9
21	208	4.8	24.2	+- 0.7; 3.6	12.4	+- 1.0; 5.5	12.5	+- 4.0
22	190	4.6	25.1	+- 0.8; 3.8	13.3	+- 1.0; 5.6	14.5	+- 3.7
23	151	4.8	24.0	+- 0.7; 3.6	12.1	+- 1.0; 5.5	14.3	+- 4.2
24	132	4.7	24.5	+- 0.7; 3.7	12.7	+- 1.0; 5.5	14.1	+- 4.2
25	112	5.0	26.0	+- 0.8; 3.9	14.2	+- 1.0; 5.7	16.1	+- 3.9
26	92	4.6	24.2	+- 0.7; 3.6	12.3	+- 1.0; 5.5	13.1	+- 2.9
27	115	2.8	25.7	+- 0.8; 3.9	14.0	+- 1.0; 5.7	14.8	+- 2.5
28	135	2.3	23.5	+- 0.7; 3.5	11.6	+- 1.0; 5.4	11.8	+- 4.0
29	164	2.2	25.0	+- 0.8; 3.8	13.3	+- 1.0; 5.6	15.3	+- 4.0
30	49	2.2	26.2	+- 0.8; 3.9	14.5	+- 1.0; 5.7	14.5	+- 3.7
31	276	1.8	25.0	+- 0.7; 3.7	13.2	+- 1.0; 5.6	14.3	+- 3.9
32	292	1.7	29.3	+- 0.9; 4.4	17.8	+- 1.1; 6.1	18.1	+- 2.2
33	314	1.4	28.2	+- 0.8; 4.2	16.6	+- 1.1; 6.0	16.4	+- 3.9
34	329	1.3	27.0	+- 0.8; 3.9	14.3	+- 1.0; 5.7	16.5	+- 4.0
35	350	4.5	27.1	+- 0.8; 4.1	15.4	+- 1.1; 5.8	16.9	+- 1.9
36	338	4.4	26.2	+- 0.8; 3.9	14.5	+- 1.0; 5.7	17.5	+- 4.0
37	16	4.9	22.9	+- 0.7; 3.4	11.0	+- 1.0; 5.3	17.2	+- 1.6
38	68	4.8	23.9	+- 0.7; 3.6	12.0	+- 1.0; 5.4	13.4	+- 1.8
39	80	6.9	26.1	+- 0.8; 3.9	14.3	+- 1.0; 5.7	15.4	+- 1.8
40	80	6.9	23.9	+- 0.7; 3.6	12.1	+- 1.0; 5.5	14.8	+- 2.0
41	118	9.7	29.8	+- 0.9; 4.5	18.3	+- 1.1; 6.1	19.3	+- 4.2
42	260	1.1	24.8	+- 0.7; 3.7	13.0	+- 1.0; 5.5	14.4	+- 3.9
43	333	1.7	28.7	+- 0.9; 4.3	17.2	+- 1.1; 6.0	16.1	+- 4.7
44	50	24.0	30.8	+- 0.9; 4.6	19.4	+- 1.2; 6.3	20.9	+- 4.1

Transit Dose = 12.5 +- 0.6; 3.7

HARRIS

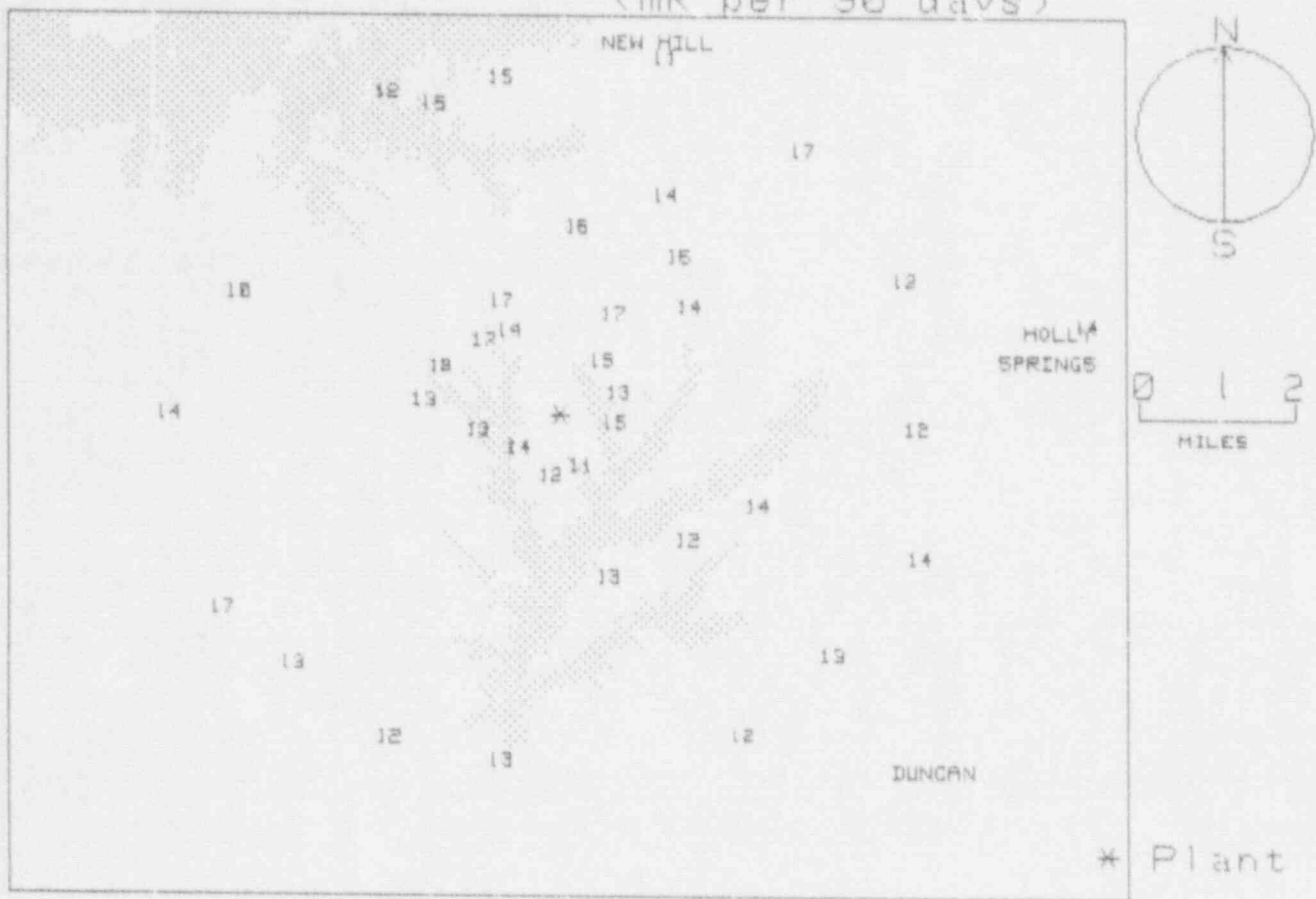
For the period 911203-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.6 +- 0.3	2
11.26 - 33.75 NNE	14.2 +- 3.2	3
33.76 - 56.25 NE	16.3 +- 1.8	6
56.26 - 78.75 ENE	12.4 +- 0.6	2
78.76 - 101.25 E	13.5 +- 1.5	4
101.26 - 123.75 ESE	15.5 +- 2.4	3
123.76 - 146.25 SE	12.2 +- 0.8	2
146.26 - 168.75 SSE	12.3 +- 1.0	3
168.76 - 191.25 S	12.7 +- 0.8	2
191.26 - 213.75 SSW	12.4 +- 0.0	1
213.76 - 236.25 SW	13.6 +- 0.3	2
236.26 - 258.75 WSW	16.7 +- 0.0	1
258.76 - 281.25 W	13.4 +- 0.6	3
281.26 - 303.75 WNW	13.7 +- 5.8	2
303.76 - 326.25 NW	16.6 +- 0.0	1
326.26 - 348.75 NNW	14.6 +- 1.9	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.6 +- 2.1	13
2 - 5	13.4 +- 1.7	21
> 5	15.9 +- 2.6	7
Upwind Control	13.4 +- 0.9	3

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



HATCH

TLD Direct Radiation Environmental Monitoring

For the period 911203-920429 149 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	342	23.0	20.8	+- 0.6; 3.1	18.1	+- 0.7; 4.4	16.2	+- 2.6
2	359	7.7	17.2	+- 0.5; 2.6	14.3	+- 0.6; 4.0	14.3	+- 2.6
3	354	4.5	17.3	+- 0.5; 2.6	14.4	+- 0.6; 4.0	14.2	+- 2.7
4	336	2.9	16.1	+- 0.5; 2.4	13.2	+- 0.6; 3.9	13.3	+- 2.5
5	309	4.6	16.6	+- 0.5; 2.5	13.7	+- 0.6; 3.9	13.6	+- 2.6
6	297	5.6	19.0	+- 0.6; 2.8	16.2	+- 0.7; 4.2	15.7	+- 2.9
7	24	2.8	16.2	+- 0.5; 2.4	13.3	+- 0.6; 3.9	14.0	+- 2.9
8	49	2.0	16.9	+- 0.5; 2.5	14.0	+- 0.6; 4.0	14.0	+- 2.7
9	49	10.0	15.9	+- 0.5; 2.4	13.0	+- 0.6; 3.9	13.8	+- 2.6
10	28	4.8	18.0	+- 0.5; 2.7	15.2	+- 0.7; 4.1	14.5	+- 2.5
11	67	5.0	16.5	+- 0.5; 2.5	13.6	+- 0.6; 3.9	14.4	+- 2.5
12	50	5.1	21.6	+- 0.6; 3.2	19.0	+- 0.8; 4.5	18.3	+- 3.1
13	353	2.0	15.8	+- 0.5; 2.4	12.9	+- 0.6; 3.9	12.7	+- 2.6
14	341	1.6	17.5	+- 0.5; 2.6	14.7	+- 0.7; 4.0	14.8	+- 2.7
15	147	10.0	16.0	+- 0.5; 2.4	13.1	+- 0.6; 3.9	13.1	+- 2.3
16	232	0.9	16.3	+- 0.5; 2.4	13.3	+- 0.6; 3.9	13.3	+- 2.4
17	205	1.6	18.4	+- 0.6; 2.8	15.6	+- 0.7; 4.1	14.4	+- 2.6
18	192	4.2	15.5	+- 0.5; 2.3	12.5	+- 0.6; 3.8	11.9	+- 2.2
19	184	4.2	14.1	+- 0.4; 2.1	11.1	+- 0.6; 3.7	11.5	+- 2.5
20	165	4.6	15.2	+- 0.5; 2.3	12.2	+- 0.6; 3.8	12.3	+- 2.7
21	135	4.4	15.1	+- 0.5; 2.3	12.2	+- 0.6; 3.8	13.0	+- 2.4
22	120	4.1	15.5	+- 0.5; 2.3	12.5	+- 0.6; 3.8	14.8	+- 2.7
23	107	3.7	15.8	+- 0.5; 2.4	12.9	+- 0.6; 3.9	13.9	+- 2.4
24	123	14.0	15.6	+- 0.5; 2.3	12.6	+- 0.6; 3.8	12.4	+- 2.4
25	114	12.0	16.0	+- 0.5; 2.4	13.0	+- 0.6; 3.9	13.6	+- 2.5
26	142	1.8	16.7	+- 0.5; 2.5	13.8	+- 0.6; 3.9	14.4	+- 2.7
27	157	2.2	15.7	+- 0.5; 2.4	12.8	+- 0.6; 3.8	13.6	+- 2.4
28	171	0.9	16.9	+- 0.5; 2.5	14.0	+- 0.6; 4.0	14.7	+- 2.4
29	253	1.0	16.1	+- 0.5; 2.4	13.1	+- 0.6; 3.9	13.9	+- 3.6
30	270	1.0	18.5	+- 0.6; 2.8	15.7	+- 0.7; 4.1	15.4	+- 3.3
31	292	1.1	17.0	+- 0.5; 2.5	14.1	+- 0.6; 4.0	14.0	+- 2.5
32	268	4.2	15.4	+- 0.5; 2.3	12.5	+- 0.6; 3.8	13.8	+- 2.4
33	248	4.3	14.4	+- 0.4; 2.2	11.3	+- 0.6; 3.7	12.4	+- 2.7
34	216	4.1	14.7	+- 0.4; 2.2	11.7	+- 0.6; 3.7	11.6	+- 2.6
35	234	12.0	17.6	+- 0.5; 2.6	14.7	+- 0.7; 4.0	13.5	+- 2.5
36	182	10.0	16.7	+- 0.5; 2.5	13.8	+- 0.6; 3.9	13.0	+- 3.1
37	177	10.0	15.3	+- 0.5; 2.3	12.3	+- 0.6; 3.8	12.6	+- 2.5
38	323	12.0	17.5	+- 0.5; 2.6	14.6	+- 0.6; 4.0	15.1	+- 2.7
39	321	13.0	18.7	+- 0.6; 2.8	15.9	+- 0.7; 4.2	15.3	+- 2.6
40	323	12.0	18.0	+- 0.5; 2.7	15.2	+- 0.7; 4.1	15.3	+- 2.7

Transit Dose = 3.7 +- 0.3; 2.8

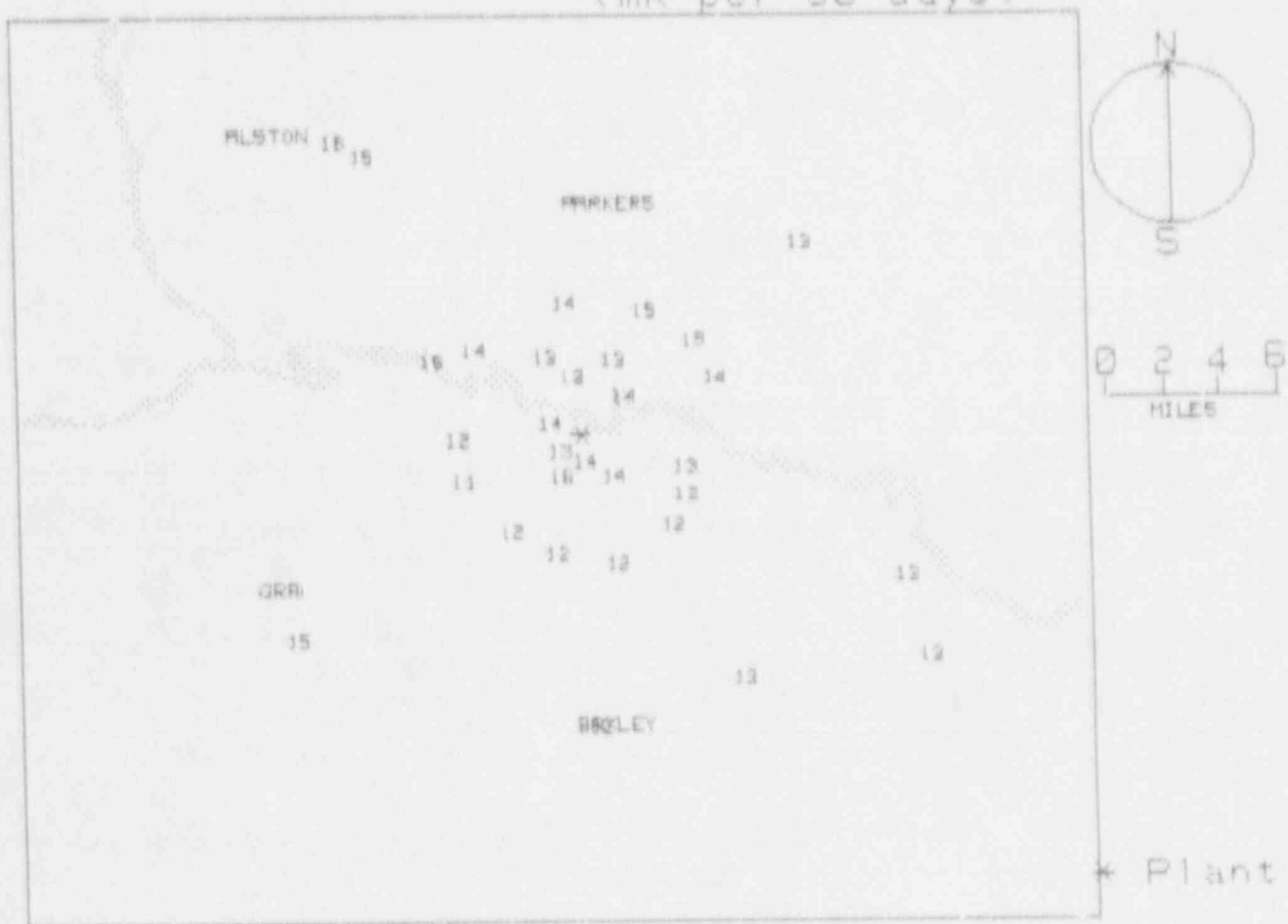
HATCH
For the period 911203-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +/- Std.Dev.	Number In Group
348.76 - 11.25 N	13.9 +/- 0.9	3
11.26 - 33.75 NNE	14.2 +/- 1.3	2
33.76 - 56.25 NE	15.3 +/- 3.2	3
56.26 - 78.75 ENE	13.6 +/- 0.0	1
78.76 - 101.25 E	No Data +/- No Data	0
101.26 - 123.75 ESE	12.8 +/- 0.2	4
123.76 - 146.25 SE	13.0 +/- 1.1	2
146.26 - 168.75 SSE	12.7 +/- 0.4	3
168.76 - 191.25 S	12.8 +/- 1.4	4
191.26 - 213.75 SSW	14.0 +/- 2.2	2
213.76 - 236.25 SW	13.3 +/- 1.5	3
236.26 - 258.75 WSW	12.2 +/- 1.3	2
258.76 - 281.25 W	14.1 +/- 2.3	2
281.26 - 303.75 WNW	15.1 +/- 1.5	2
303.76 - 326.25 NW	13.7 +/- 0.0	1
326.26 - 348.75 NNW	15.3 +/- 2.6	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +/- Std.Dev.	Number In Group
0 - 2	14.1 +/- 1.0	10
2 - 5	12.8 +/- 1.1	16
> 5	14.6 +/- 2.3	11
Upwind Control	15.2 +/- 0.7	3

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



INDIAN POINT

TLD Direct Radiation Environmental Monitoring

For the period 911204-920421 140 Days

Field Time: 78 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	52	1.4	17.2	+- 0.5; 2.6	10.2	+- 0.8; 4.6	13.3	+- 2.1
2	53	1.0	19.0	+- 0.6; 2.8	12.2	+- 0.8; 4.8	15.5	+- 2.3
3	61	1.5	19.9	+- 0.6; 3.0	13.3	+- 0.9; 4.9	15.0	+- 1.6
4	89	1.2	20.2	+- 0.6; 3.0	13.6	+- 0.9; 4.9	15.5	+- 1.9
5	107	0.9	19.8	+- 0.6; 3.0	13.2	+- 0.9; 4.9	15.9	+- 1.7
6	90	0.5	20.5	+- 0.6; 3.1	14.0	+- 0.9; 5.0	16.2	+- 1.8
7	133	0.8	19.7	+- 0.6; 3.0	13.1	+- 0.9; 4.9	15.5	+- 2.1
8	158	0.8	21.4	+- 0.6; 3.2	15.0	+- 0.9; 5.1	16.0	+- 1.6
9	188	1.2	21.5	+- 0.6; 3.2	15.1	+- 0.9; 5.1	17.3	+- 1.7
10	206	0.9	19.4	+- 0.6; 2.9	12.8	+- 0.8; 4.9	15.9	+- 1.9
11	170	1.1	18.2	+- 0.5; 2.7	11.3	+- 0.8; 4.7	13.8	+- 1.5
12	155	2.3	19.2	+- 0.6; 2.9	12.5	+- 0.8; 4.8	15.2	+- 1.8
13	136	3.2	20.2	+- 0.6; 3.0	13.6	+- 0.9; 4.9	15.0	+- 1.9
14	107	3.1	18.6	+- 0.6; 2.8	11.8	+- 0.8; 4.8	14.2	+- 1.8
15	94	3.8	19.9	+- 0.6; 3.0	13.3	+- 0.9; 4.9	15.0	+- 1.5
16	142	5.7	Missing Dosimeter		No Net Data		16.6	+- 1.7
18	147	9.1	20.8	+- 0.6; 3.1	14.3	+- 0.9; 5.0	16.3	+- 1.8
19	137	12.0	18.1	+- 0.5; 2.7	11.2	+- 0.8; 4.7	15.7	+- 2.5
20	129	12.0	18.6	+- 0.6; 2.8	11.8	+- 0.8; 4.8	15.5	+- 1.8
22	74	7.5	20.5	+- 0.6; 3.1	14.0	+- 0.9; 5.0	15.9	+- 1.8
23	92	5.0	21.3	+- 0.6; 3.1	14.9	+- 0.9; 5.1	16.9	+- 1.5
24	92	5.0	21.4	+- 0.6; 3.1	15.0	+- 0.9; 5.1	16.8	+- 1.9
25	65	4.1	21.0	+- 0.6; 3.1	14.5	+- 0.9; 5.0	15.3	+- 1.8
26	40	4.0	22.1	+- 0.7; 3.3	15.8	+- 0.9; 5.2	18.2	+- 1.5
27	25	5.3	20.8	+- 0.6; 3.1	14.3	+- 0.9; 5.0	16.4	+- 2.0
28	24	2.9	20.2	+- 0.6; 3.0	13.6	+- 0.9; 4.9	16.0	+- 1.6
29	22	2.1	21.2	+- 0.6; 3.2	14.8	+- 0.9; 5.1	15.8	+- 1.8
30	8	1.9	22.3	+- 0.7; 3.3	16.0	+- 0.9; 5.2	17.0	+- 2.0
31	356	5.0	20.1	+- 0.6; 3.0	13.5	+- 0.9; 4.9	16.3	+- 1.9
32	330	3.7	21.5	+- 0.6; 3.2	15.1	+- 0.9; 5.1	17.5	+- 1.7
33	338	4.7	Missing Dosimeter		No Net Data		17.8	+- 1.6
34	354	7.0	21.5	+- 0.6; 3.2	15.1	+- 0.9; 5.1	19.9	+- 3.0
35	297	4.4	20.9	+- 0.6; 3.1	14.4	+- 0.9; 5.0	16.9	+- 1.9
36	309	3.6	23.8	+- 0.7; 3.6	17.8	+- 1.0; 5.4	22.3	+- 9.9
37	350	1.1	21.4	+- 0.6; 3.2	15.0	+- 0.9; 5.1	17.4	+- 1.4
38	337	0.9	20.5	+- 0.6; 3.1	13.9	+- 0.9; 5.0	17.2	+- 1.7
39	315	1.0	20.7	+- 0.6; 3.1	14.2	+- 0.9; 5.0	15.6	+- 1.6
40	294	1.1	21.4	+- 0.6; 3.2	15.0	+- 0.9; 5.1	17.5	+- 2.0
41	274	1.1	27.3	+- 0.8; 4.1	21.8	+- 1.1; 5.9	18.4	+- 1.7
42	248	1.5	20.3	+- 0.6; 3.0	13.7	+- 0.9; 5.0	18.0	+- 1.8
44	92	5.0	21.4	+- 0.6; 3.2	15.0	+- 0.9; 5.1	16.8	+- 1.9
45	227	2.4	21.9	+- 0.7; 3.3	15.6	+- 0.9; 5.2	17.2	+- 2.4
46	209	3.2	18.8	+- 0.6; 2.8	12.0	+- 0.8; 4.8	15.9	+- 2.1
47	218	5.3	19.1	+- 0.6; 2.9	12.4	+- 0.8; 4.8	15.8	+- 1.6
48	201	4.6	20.6	+- 0.6; 3.1	14.1	+- 0.9; 5.0	16.4	+- 1.5
49	187	5.2	19.1	+- 0.6; 2.9	12.3	+- 0.8; 4.8	14.4	+- 1.9
50	171	7.1	19.5	+- 0.6; 2.9	12.8	+- 0.8; 4.9	14.7	+- 1.7

Transit Dose = 8.4 +- 0.4; 3.0

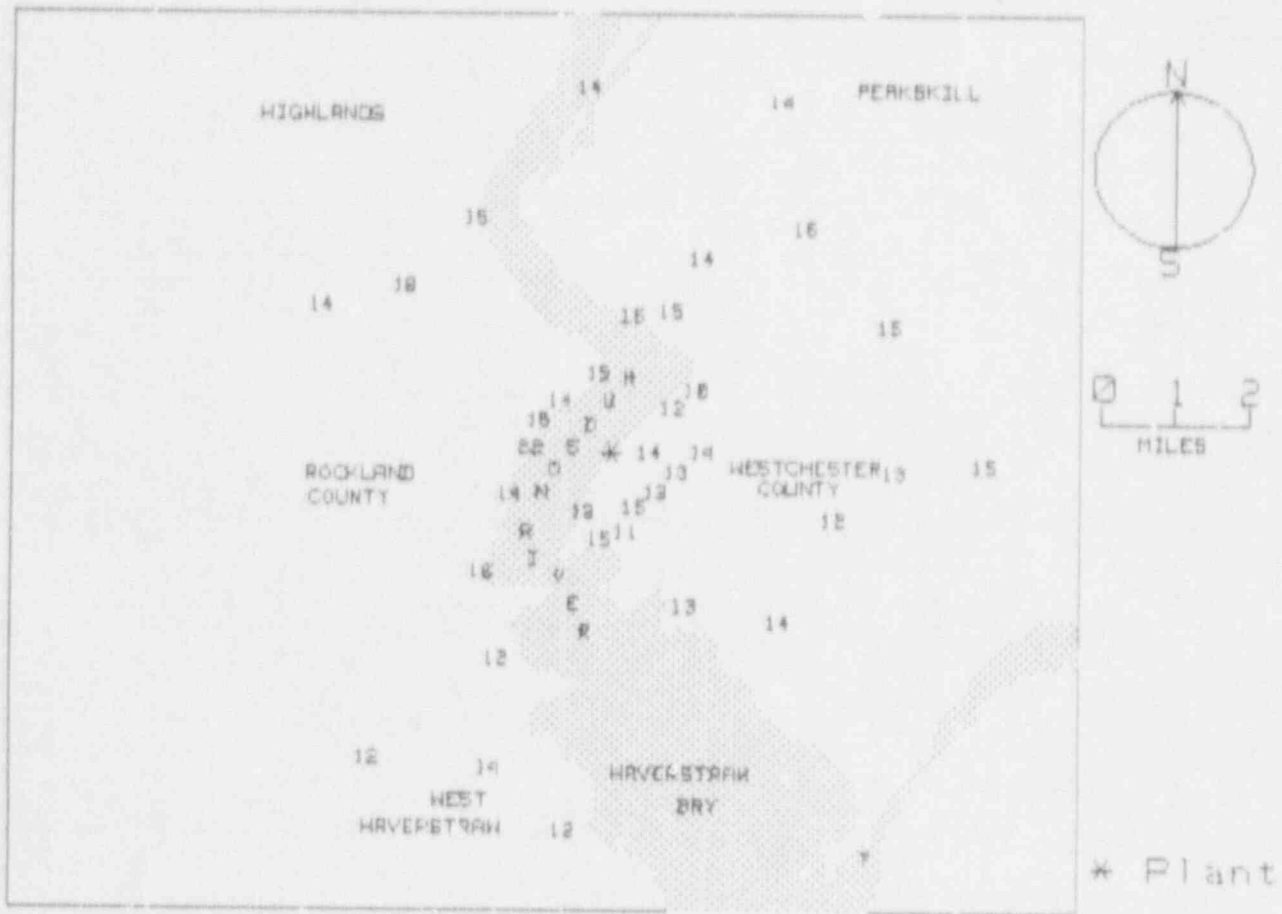
INDIAN POINT
For the period 911204-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) \pm Std.Dev.	Number In Group
348.76 - 11.25 N	14.9 \pm 1.0	4
11.26 - 33.75 NNE	14.2 \pm 0.6	3
33.76 - 56.25 NE	12.8 \pm 2.9	3
56.26 - 78.75 ENE	13.9 \pm 0.6	3
78.76 - 101.25 E	14.0 \pm 0.8	4
101.26 - 123.75 ESE	12.5 \pm 1.0	2
123.76 - 146.25 SE	12.4 \pm 1.1	4
146.26 - 168.75 SSE	13.9 \pm 1.3	3
168.76 - 191.25 S	12.9 \pm 1.6	4
191.26 - 213.75 SSW	12.9 \pm 1.1	3
213.76 - 236.25 SW	14.0 \pm 2.3	2
236.26 - 258.75 WSW	13.7 \pm 0.0	1
258.76 - 281.25 W	21.8 \pm 0.0	1
281.26 - 303.75 WNW	14.7 \pm 0.4	2
303.76 - 326.25 NW	16.0 \pm 2.5	2
326.26 - 348.75 NNW	14.5 \pm 0.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) \pm Std.Dev.	Number In Group
0 - 2	14.1 \pm 2.4	18
2 - 5	14.2 \pm 1.5	16
> 5	13.1 \pm 1.3	9
Upwind Control	14.9 \pm 0.1	2

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



KEWAUNEE/PT. BEACH

TLD Direct Radiation Environmental Monitoring

For the period 911202-920428 149 Days

Field Time: 87 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	189	8.1	18.9	+ 0.6; 2.8	11.3	+ 0.8; 4.4	12.6	+ 1.9
2	195	7.0	23.7	+ 0.7; 3.5	16.2	+ 0.9; 5.0	17.6	+ 2.0
3	163	4.9	18.4	+ 0.6; 2.8	10.8	+ 0.7; 4.4	13.2	+ 2.1
4	183	3.3	22.8	+ 0.7; 3.4	15.4	+ 0.9; 4.9	16.3	+ 2.4
5	210	3.2	18.7	+ 0.6; 2.8	11.1	+ 0.7; 4.4	12.3	+ 2.3
6	223	3.7	23.1	+ 0.7; 3.5	15.7	+ 0.9; 4.9	16.4	+ 2.5
7	242	5.7	19.3	+ 0.6; 2.9	11.7	+ 0.8; 4.5	14.0	+ 1.8
8	202	1.8	22.8	+ 0.7; 3.4	15.4	+ 0.9; 4.9	17.0	+ 1.9
9	180	1.8	20.6	+ 0.6; 3.1	13.1	+ 0.8; 4.6	15.8	+ 2.1
10	158	1.9	19.1	+ 0.6; 2.9	11.6	+ 0.8; 4.5	13.0	+ 2.1
11	235	1.2	22.5	+ 0.7; 3.4	15.1	+ 0.8; 4.8	16.9	+ 2.4
12	258	1.4	21.4	+ 0.6; 3.2	13.9	+ 0.8; 4.7	15.4	+ 2.3
13	273	1.4	21.7	+ 0.6; 3.2	14.2	+ 0.8; 4.7	15.7	+ 2.2
14	290	0.9	22.3	+ 0.7; 3.3	14.9	+ 0.8; 4.8	16.7	+ 2.0
15	333	0.8	21.9	+ 0.7; 3.3	14.5	+ 0.8; 4.8	15.5	+ 2.2
16	342	1.9	22.5	+ 0.7; 3.4	15.1	+ 0.8; 4.8	15.4	+ 2.1
17	317	2.0	20.9	+ 0.6; 3.1	13.4	+ 0.8; 4.7	13.8	+ 2.8
18	310	3.4	23.3	+ 0.7; 3.5	15.9	+ 0.9; 4.9	17.6	+ 2.0
19	293	4.0	20.7	+ 0.6; 3.1	13.2	+ 0.8; 4.6	14.9	+ 2.5
20	273	4.0	21.8	+ 0.7; 3.3	14.3	+ 0.8; 4.8	14.4	+ 2.6
21	300	5.6	20.3	+ 0.6; 3.1	12.8	+ 0.8; 4.6	14.5	+ 1.9
22	316	5.9	21.2	+ 0.6; 3.2	13.7	+ 0.8; 4.7	15.3	+ 2.1
23	345	2.7	23.3	+ 0.7; 3.5	15.9	+ 0.9; 4.9	16.7	+ 2.4
24	219	1.3	21.6	+ 0.6; 3.2	14.2	+ 0.8; 4.7	14.8	+ 2.2
25	247	1.4	23.1	+ 0.7; 3.5	15.7	+ 0.9; 4.9	16.5	+ 1.9
26	263	1.3	22.4	+ 0.7; 3.4	15.0	+ 0.8; 4.8	16.3	+ 2.1
27	290	1.4	22.3	+ 0.7; 3.3	14.8	+ 0.8; 4.8	16.6	+ 2.1
28	320	1.3	23.0	+ 0.7; 3.4	15.5	+ 0.9; 4.9	16.8	+ 2.4
29	342	1.1	21.7	+ 0.7; 3.3	14.3	+ 0.8; 4.7	15.8	+ 2.9
30	329	0.6	22.4	+ 0.7; 3.4	15.0	+ 0.8; 4.8	16.4	+ 2.1
31	13	1.0	21.0	+ 0.6; 3.1	13.5	+ 0.8; 4.7	14.6	+ 2.0
32	353	2.1	23.6	+ 0.7; 3.5	16.2	+ 0.9; 5.0	16.1	+ 2.0
33	301	3.9	20.3	+ 0.6; 3.0	12.8	+ 0.8; 4.6	15.4	+ 2.0
34	299	8.4	21.7	+ 0.7; 3.3	14.3	+ 0.8; 4.8	15.9	+ 1.9
35	323	3.8	20.8	+ 0.6; 3.1	13.3	+ 0.8; 4.6	14.1	+ 2.1
36	336	3.3	24.2	+ 0.7; 3.6	16.8	+ 0.9; 5.0	16.2	+ 2.3
37	6	3.1	21.1	+ 0.6; 3.2	13.6	+ 0.8; 4.7	14.5	+ 2.0
38	14	3.7	22.4	+ 0.7; 3.4	15.0	+ 0.8; 4.8	15.2	+ 2.1
39	13	7.6	19.4	+ 0.6; 2.9	11.8	+ 0.8; 4.5	13.0	+ 1.8
40	247	4.3	24.1	+ 0.7; 3.6	16.7	+ 0.9; 5.0	17.8	+ 2.2
41	8	23.0	20.4	+ 0.6; 3.1	12.8	+ 0.8; 4.6	13.3	+ 2.6
42	8	23.0	18.9	+ 0.6; 2.8	11.3	+ 0.8; 4.4	13.6	+ 2.1
43	8	23.0	19.1	+ 0.6; 2.9	11.6	+ 0.8; 4.5	12.9	+ 2.2

Transit Dose = 7.9 +- 0.5; 3.2

KEWAUNEE/PT. BEACH
For the period 911202-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.9 +- 1.8	2
11.26 - 33.75 NNE	13.4 +- 1.6	3
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	11.2 +- 0.6	2
168.76 - 191.25 S	13.3 +- 2.0	3
191.26 - 213.75 SSW	14.3 +- 2.7	3
213.76 - 236.25 SW	15.0 +- 0.8	3
236.26 - 258.75 WSW	14.5 +- 2.2	4
258.76 - 281.25 W	14.5 +- 0.4	3
281.26 - 303.75 WNW	13.8 +- 1.0	6
303.76 - 326.25 NW	14.4 +- 1.2	5
326.26 - 348.75 NNW	15.2 +- 0.9	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.4 +- 1.0	18
2 - 5	14.4 +- 1.9	15
> 5	13.1 +- 1.8	7
Upwind Control	11.9 +- 0.8	3

LACROSSE

TLD Direct Radiation Environmental Monitoring
 For the period 911203-920430 150 Days
 Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	5	20.0	22.7 +- 0.7; 3.4	16.6 +- 0.8; 4.5	15.0 +- 2.0
2	5	20.0	22.5 +- 0.7; 3.4	16.5 +- 0.8; 4.5	15.2 +- 1.6
3	3	20.0	21.9 +- 0.7; 3.3	15.9 +- 0.8; 4.5	15.7 +- 1.6
4	343	3.8	22.8 +- 0.7; 3.4	16.8 +- 0.8; 4.5	15.1 +- 1.7
5	313	3.8	21.8 +- 0.7; 3.3	15.8 +- 0.7; 4.4	17.8 +- 3.0
6	291	3.0	22.0 +- 0.7; 3.3	16.0 +- 0.8; 4.5	16.3 +- 1.6
7	261	4.8	24.9 +- 0.7; 3.7	18.8 +- 0.8; 4.8	17.6 +- 1.7
8	249	3.2	23.4 +- 0.7; 3.5	17.4 +- 0.8; 4.6	17.7 +- 1.9
9	214	5.0	20.3 +- 0.6; 3.0	14.3 +- 0.7; 4.3	15.8 +- 1.8
10	171	9.8	21.1 +- 0.6; 3.2	15.1 +- 0.7; 4.4	14.2 +- 1.4
11	176	5.1	21.7 +- 0.7; 3.3	15.7 +- 0.7; 4.4	14.8 +- 1.2
12	165	4.9	21.8 +- 0.7; 3.3	15.8 +- 0.7; 4.4	16.4 +- 1.5
13	138	3.5	Damaged Dosimeter	No Net Data	16.5 +- 1.8
14	114	4.2	22.5 +- 0.7; 3.4	16.5 +- 0.8; 5	15.3 +- 1.6
15	97	3.9	21.7 +- 0.6; 3.2	15.7 +- 0.7; .	14.7 +- 1.1
16	94	3.0	23.5 +- 0.7; 3.5	17.5 +- 0.8; 4.6	16.7 +- 1.9
17	105	2.0	23.5 +- 0.7; 3.5	17.5 +- 0.8; 4.6	17.5 +- 1.6
18	52	1.5	20.5 +- 0.6; 3.1	14.5 +- 0.7; 4.3	14.4 +- 1.6
19	16	1.5	20.4 +- 0.6; 3.1	14.4 +- 0.7; 4.3	14.7 +- 1.4
20	1	1.0	19.3 +- 0.6; 2.9	13.3 +- 0.7; 4.2	13.9 +- 1.4
21	358	0.5	23.2 +- 0.7; 3.5	17.2 +- 0.8; 4.6	17.5 +- 1.5
22	180	0.6	21.7 +- 0.7; 3.3	15.7 +- 0.7; 4.4	16.2 +- 1.5
23	134	1.7	21.5 +- 0.6; 3.2	15.5 +- 0.7; 4.4	17.0 +- 1.5
24	58	0.6	24.0 +- 0.7; 3.6	18.0 +- 0.8; 4.7	17.3 +- 1.9
25	59	3.1	23.3 +- 0.7; 3.5	17.3 +- 0.8; 4.6	17.6 +- 1.6
26	16	1.5	23.7 +- 0.7; 3.6	17.7 +- 0.8; 4.6	16.5 +- 1.8
27	26	5.1	21.9 +- 0.7; 3.3	15.9 +- 0.8; 4.5	15.5 +- 1.4
28	25	7.0	21.5 +- 0.6; 3.2	15.5 +- 0.7; 4.4	14.1 +- 1.7
29	4	4.8	23.2 +- 0.7; 3.5	17.2 +- 0.8; 4.6	16.1 +- 1.8

Transit Dose = 5.7 +- 0.4; 3.1

LACROSSE

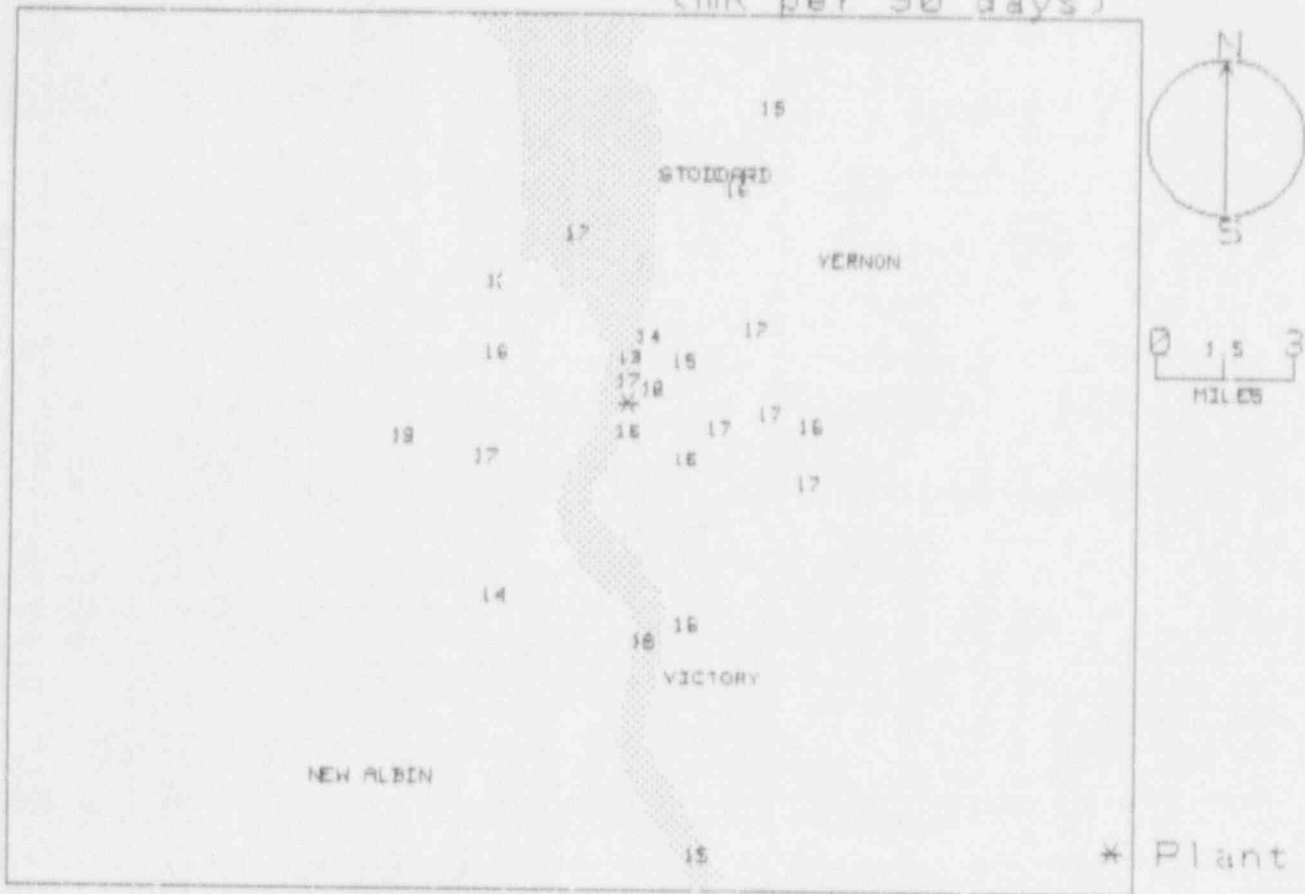
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.9 +- 2.2	3
11.26 - 33.75 NNE	15.9 +- 1.3	4
33.76 - 56.25 NE	14.5 +- 0.0	1
56.26 - 78.75 ENE	17.6 +- 0.5	2
78.76 - 101.25 E	16.6 +- 1.3	2
101.26 - 123.75 ESE	17.0 +- 0.7	2
123.76 - 146.25 SE	15.5 +- 0.0	1
146.26 - 168.75 SSE	15.8 +- 0.0	1
168.76 - 191.25 S	15.5 +- 0.3	3
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	14.3 +- 0.0	1
236.26 - 258.75 WSW	17.4 +- 0.0	1
258.76 - 281.25 W	18.8 +- 0.0	1
281.26 - 303.75 WNW	16.0 +- 0.0	1
303.76 - 326.25 NW	15.8 +- 0.0	1
326.26 - 348.75 NNW	16.8 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.0 +- 1.7	9
2 - 5	16.6 +- 1.2	12
> 5	15.5 +- 0.4	4
Upwind Control	16.3 +- 0.4	3

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



LASALLE

TLD Direct Radiation Environmental Monitoring

For the period 911202-920421 142 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	302	10.0	21.0	+- 0.6; 3.1	16.4	+- 0.8; 4.5	18.7	+- 8.0
2	335	5.3	23.4	+- 0.7; 3.5	19.1	+- 0.8; 4.8	21.4	+- 9.3
3	343	5.8	19.8	+- 0.6; 3.0	15.2	+- 0.7; 4.4	17.0	+- 8.1
4	38	5.5	21.7	+- 0.7; 3.3	17.2	+- 0.8; 4.6	20.4	+- 8.7
5	39	4.3	19.5	+- 0.6; 2.9	14.9	+- 0.7; 4.4	15.8	+- 7.0
6	27	3.8	20.6	+- 0.6; 3.1	16.0	+- 0.8; 4.5	18.8	+- 8.3
7	2	4.1	23.9	+- 0.7; 3.6	19.6	+- 0.9; 4.9	21.1	+- 9.8
8	304	4.6	22.1	+- 0.7; 3.3	17.7	+- 0.8; 4.7	21.0	+- 9.4
9	292	3.9	26.2	+- 0.8; 3.9	22.0	+- 0.9; 5.2	20.9	+- 9.4
10	281	3.7	22.1	+- 0.7; 3.3	17.7	+- 0.8; 4.7	20.5	+- 8.6
11	248	4.0	22.3	+- 0.7; 3.3	17.8	+- 0.8; 4.7	19.9	+- 9.2
12	222	12.0	21.6	+- 0.6; 3.2	17.2	+- 0.8; 4.6	19.0	+- 8.6
13	212	18.0	22.4	+- 0.7; 3.4	17.9	+- 0.8; 4.7	19.9	+- 8.8
14	212	18.0	22.7	+- 0.7; 3.4	18.3	+- 0.8; 4.8	20.5	+- 9.3
15	212	18.0	22.2	+- 0.7; 3.3	17.7	+- 0.8; 4.7	20.2	+- 9.2
16	215	4.4	23.6	+- 0.7; 3.5	19.3	+- 0.8; 4.9	21.4	+- 9.6
17	204	4.0	23.0	+- 0.7; 3.5	18.6	+- 0.8; 4.8	20.6	+- 8.8
18	173	4.6	24.2	+- 0.7; 3.6	19.9	+- 0.9; 4.9	19.4	+- 1.3
19	174	6.4	21.5	+- 0.6; 3.2	17.1	+- 0.8; 4.6	18.7	+- 8.8
20	158	3.6	22.4	+- 0.7; 3.4	17.9	+- 0.8; 4.7	20.3	+- 9.7
21	124	4.2	22.6	+- 0.7; 3.4	18.2	+- 0.8; 4.7	21.4	+- 9.9
22	114	3.8	21.9	+- 0.7; 3.3	17.5	+- 0.8; 4.7	20.2	+- 8.9
23	97	4.5	21.2	+- 0.6; 3.2	16.7	+- 0.8; 4.6	19.7	+- 9.3
24	72	4.7	22.3	+- 0.7; 3.3	17.9	+- 0.8; 4.7	19.9	+- 1.5
25	41	2.0	22.8	+- 0.7; 3.4	18.4	+- 0.8; 4.8	20.4	+- 9.2
26	11	1.6	22.3	+- 0.7; 3.3	17.8	+- 0.8; 4.7	20.3	+- 9.7
27	358	1.5	Damaged Dosimeter		No Net Data		21.0	+-10.0
28	336	1.6	22.9	+- 0.7; 3.4	18.5	+- 0.8; 4.8	19.9	+- 9.6
29	310	2.3	21.3	+- 0.6; 3.2	16.8	+- 0.8; 4.6	17.7	+- 1.6
30	301	2.0	24.4	+- 0.7; 3.7	20.0	+- 0.9; 5.0	22.3	+- 9.1
31	271	1.7	22.7	+- 0.7; 3.4	18.3	+- 0.8; 4.8	18.4	+- 1.3
32	256	1.8	22.0	+- 0.7; 3.3	17.6	+- 0.8; 4.7	20.7	+- 9.2
33	227	2.4	23.5	+- 0.7; 3.5	19.1	+- 0.8; 4.8	22.0	+-10.1
34	204	1.7	22.6	+- 0.7; 3.4	18.2	+- 0.8; 4.7	20.2	+- 9.2
35	165	1.6	22.9	+- 0.7; 3.4	18.5	+- 0.8; 4.8	20.7	+- 7.7
36	149	1.8	24.5	+- 0.7; 3.7	20.2	+- 0.9; 5.0	19.5	+- 1.4
37	139	2.1	23.6	+- 0.7; 3.5	19.3	+- 0.8; 4.9	20.4	+- 9.2
38	111	1.5	20.9	+- 0.6; 3.1	16.4	+- 0.8; 4.5	18.2	+- 8.0
39	265	0.6	22.9	+- 0.7; 3.4	18.5	+- 0.8; 4.8	21.5	+- 9.9

Transit Dose = 5.4 +- 0.4; 2.9

LASALLE

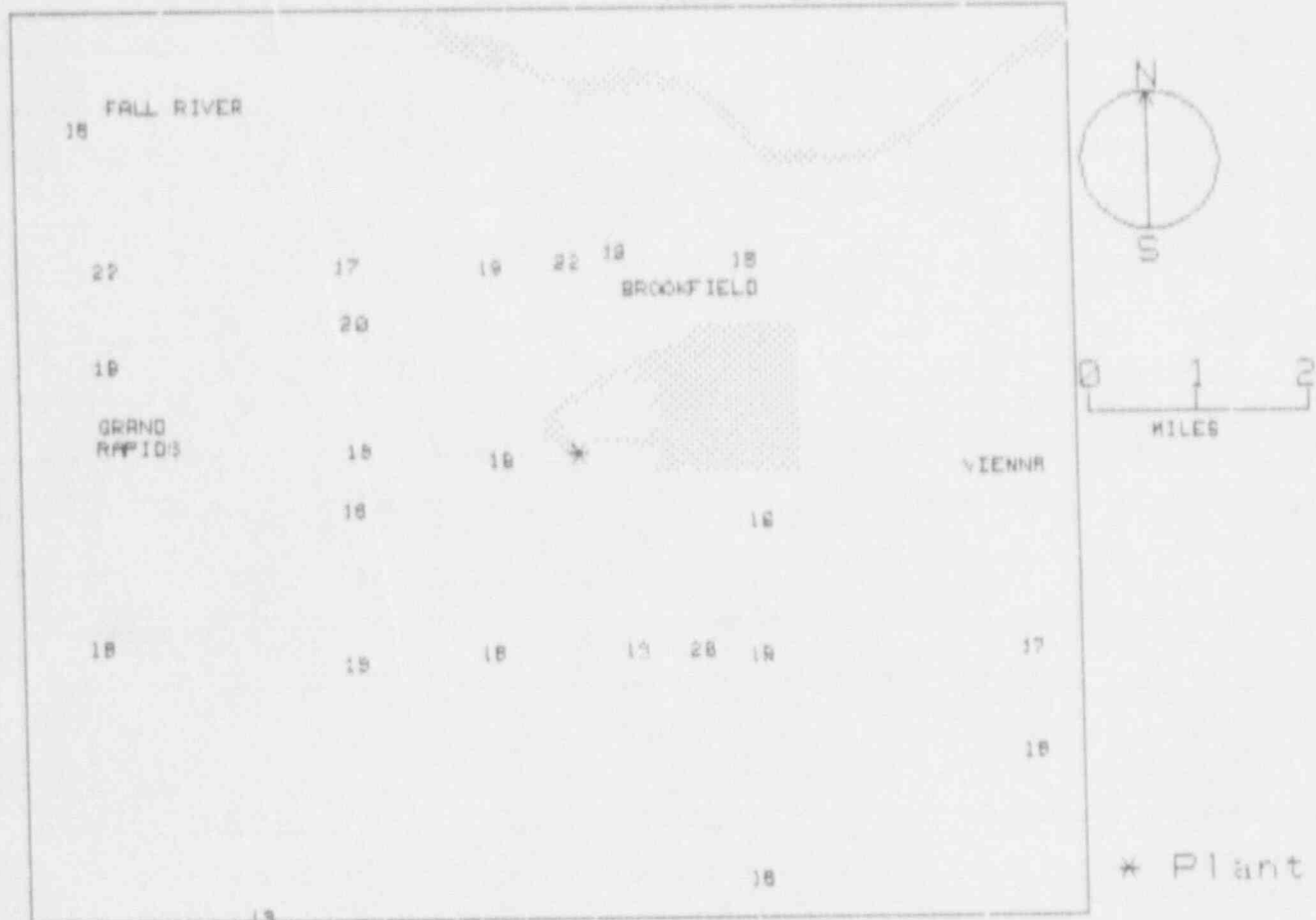
For the period 911202-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.7 +- 1.2	2
11.26 - 33.75 NNE	16.0 +- 0.0	1
33.76 - 56.25 NE	16.8 +- 1.7	3
56.26 - 78.75 ENE	17.9 +- 0.0	1
78.76 - 101.25 E	16.7 +- 0.0	1
101.26 - 123.75 ESE	16.9 +- 0.8	2
123.76 - 146.25 SE	18.7 +- 0.8	2
146.26 - 168.75 SSE	18.9 +- 1.2	3
168.76 - 191.25 S	18.5 +- 2.0	2
191.26 - 213.75 SSW	18.4 +- 0.3	2
213.76 - 236.25 SW	18.5 +- 1.2	3
236.26 - 258.75 WSW	17.7 +- 0.2	2
258.76 - 281.25 W	18.2 +- 0.4	3
281.26 - 303.75 WNW	19.5 +- 2.8	3
303.76 - 326.25 NW	17.2 +- 0.6	2
326.26 - 348.75 NNW	17.6 +- 2.1	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.4 +- 1.1	11
2 - 5	18.2 +- 1.6	18
> 5	17.0 +- 1.3	6
Upwind Control	18.0 +- 0.3	3

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



LIMERICK

TLD Direct Radiation Environmental Monitoring
 For the period 911204-920421 140 Days
 Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	115	8.5	28.8	+- 0.9; 4.3	No Net Data		22.7	+- 1.8
3	85	3.7	23.6	+- 0.7; 3.5	No Net Data		18.9	+- 1.3
4	46	3.3	23.6	+- 0.7; 3.5	No Net Data		19.4	+- 1.7
5	20	3.7	24.8	+- 0.7; 3.7	No Net Data		19.3	+- 1.7
6	7	4.6	25.0	+- 0.8; 3.8	No Net Data		20.5	+- 1.5
7	340	7.2	21.8	+- 0.7; 3.3	No Net Data		18.0	+- 2.0
8	332	4.0	24.5	+- 0.7; 3.7	No Net Data		19.0	+- 1.4
9	313	3.4	25.1	+- 0.8; 3.8	No Net Data		19.2	+- 1.6
10	291	4.9	25.6	+- 0.8; 3.8	No Net Data		20.6	+- 1.7
11	304	3.0	30.8	+- 0.9; 4.6	No Net Data		24.2	+- 1.9
12	316	1.9	23.9	+- 0.7; 3.6	No Net Data		18.0	+- 1.5
13	347	1.9	25.2	+- 0.8; 3.8	No Net Data		20.3	+- 1.6
14	339	1.5	23.1	+- 0.7; 3.5	No Net Data		17.2	+- 1.3
15	41	1.7	22.4	+- 0.7; 3.4	No Net Data		18.5	+- 1.7
16	66	2.6	23.0	+- 0.7; 3.5	No Net Data		19.7	+- 1.5
17	5	0.6	24.1	+- 0.7; 3.6	No Net Data		18.6	+- 1.9
18	300	0.7	22.7	+- 0.7; 3.4	No Net Data		18.6	+- 2.1
19	291	0.7	24.9	+- 0.7; 3.7	No Net Data		18.3	+- 1.7
20	260	0.7	22.6	+- 0.7; 3.4	No Net Data		18.0	+- 1.5
21	234	0.9	23.1	+- 0.7; 3.5	No Net Data		18.3	+- 1.7
22	210	1.1	23.3	+- 0.7; 3.5	No Net Data		19.0	+- 1.5
23	174	1.7	22.2	+- 0.7; 3.3	No Net Data		16.9	+- 1.3
24	149	1.5	22.4	+- 0.7; 3.4	No Net Data		17.2	+- 1.7
25	124	1.0	24.0	+- 0.7; 3.6	No Net Data		19.8	+- 1.6
26	114	1.1	24.8	+- 0.7; 3.7	No Net Data		19.9	+- 1.8
27	160	1.0	23.7	+- 0.7; 3.6	No Net Data		18.9	+- 1.6
28	81	1.0	23.4	+- 0.7; 3.5	No Net Data		18.5	+- 1.9
29	51	0.7	23.9	+- 0.7; 3.6	No Net Data		18.8	+- 1.6
30	144	3.2	27.0	+- 0.8; 4.0	No Net Data		22.1	+- 1.9
31	158	2.6	24.4	+- 0.7; 3.7	No Net Data		19.1	+- 2.3
32	153	7.3	22.7	+- 0.7; 3.4	No Net Data		17.8	+- 1.6
33	186	4.2	22.5	+- 0.7; 3.4	No Net Data		16.8	+- 1.6
34	194	3.8	20.1	+- 0.6; 3.0	No Net Data		17.1	+- 1.7
35	229	5.1	23.3	+- 0.7; 3.5	No Net Data		18.6	+- 1.5
36	251	4.1	24.7	+- 0.7; 3.7	No Net Data		18.6	+- 1.8
37	270	3.0	20.2	+- 0.6; 3.0	No Net Data		15.7	+- 1.5
38	293	11.9	25.8	+- 0.8; 3.9	No Net Data		20.3	+- 1.9
39	293	11.9	25.3	+- 0.8; 3.8	No Net Data		20.2	+- 1.7
40	293	11.9	24.7	+- 0.7; 3.7	No Net Data		20.8	+- 1.9
41	126	2.9	20.9	+- 0.6; 3.1	No Net Data		16.0	+- 1.7
42	111	4.3	23.9	+- 0.7; 3.6	No Net Data		18.9	+- 1.8

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

LIMERICK

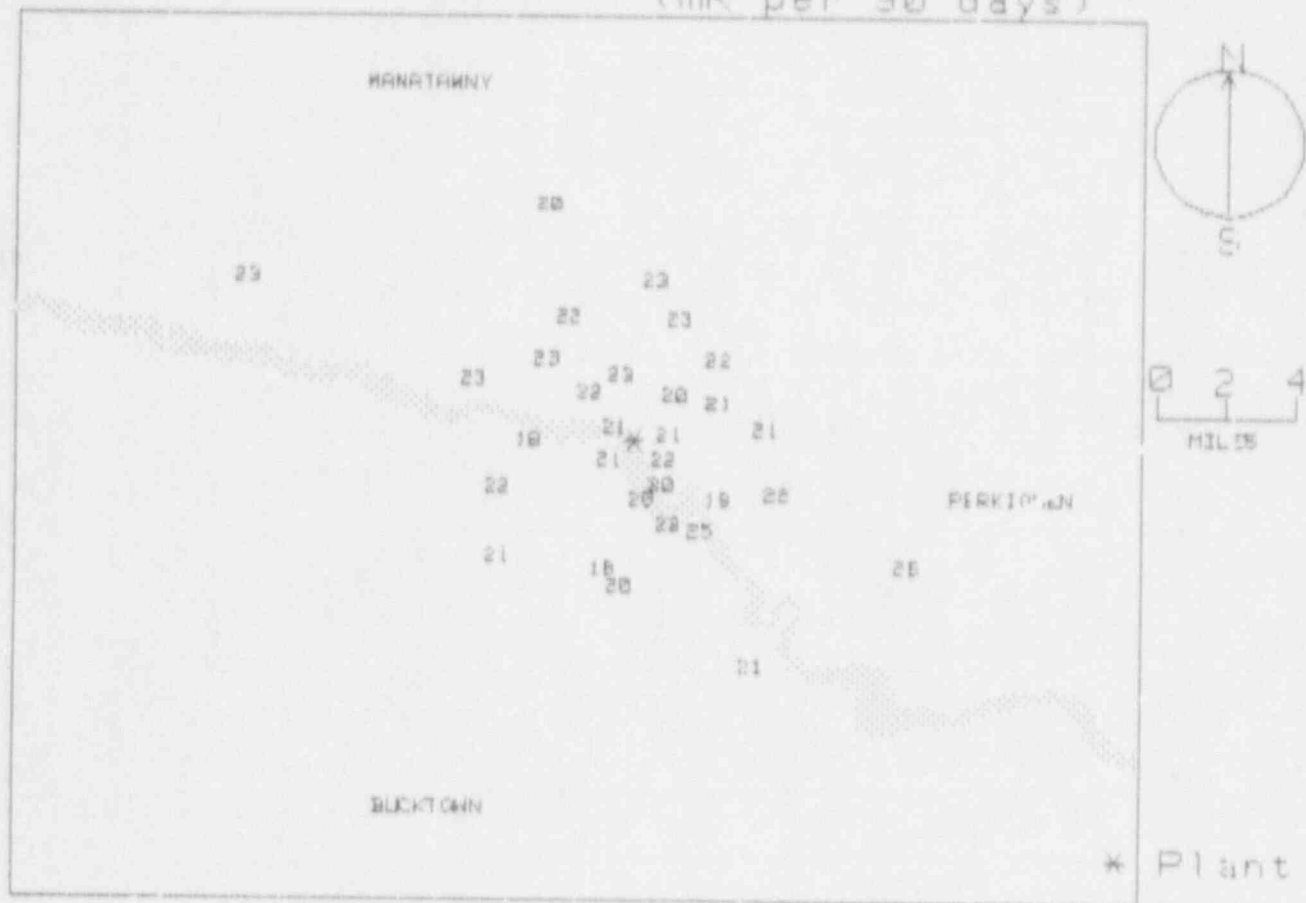
For the period 911204-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.8 +- 0.4	2
11.26 - 33.75 NNE	5.9 +- 0.0	1
33.76 - 56.25 NE	15.0 +- 0.5	3
56.26 - 78.75 ENE	14.8 +- 0.0	1
78.76 - 101.25 E	15.1 +- 0.1	2
101.26 - 123.75 ESE	16.6 +- 1.7	3
123.76 - 146.25 SE	15.4 +- 1.9	3
146.26 - 168.75 SSE	15.0 +- 0.6	4
168.76 - 191.25 S	14.4 +- 0.2	2
191.26 - 213.75 SSW	13.9 +- 1.5	2
213.76 - 236.25 SW	14.9 +- 0.1	2
236.26 - 258.75 WSW	15.9 +- 0.0	1
258.76 - 281.25 W	13.8 +- 1.1	2
281.26 - 303.75 WNW	15.7 +- 1.0	3
303.76 - 326.25 NW	17.1 +- 2.4	3
326.26 - 348.75 NNW	15.2 +- 1.0	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.1 +- 0.6	17
2 - 5	15.5 +- 1.6	17
> 5	15.5 +- 2.0	4
Upwind Control	16.2 +- 0.3	3

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



MAINE YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 911204-920429 148 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	340	1.0	25.5	+ 0.8; 3.8	18.6	+ 0.8; 4.8	18.8	+ 2.3
2	6	1.4	23.5	+ 0.7; 3.5	16.7	+ 0.8; 4.6	17.9	+ 2.6
3	23	1.5	22.9	+ 0.7; 3.4	16.1	+ 0.8; 4.6	17.3	+ 2.0
4	44	1.8	22.6	+ 0.7; 3.4	15.8	+ 0.8; 4.5	17.3	+ 2.7
5	116	0.5	22.8	+ 0.7; 3.4	16.0	+ 0.8; 4.6	17.3	+ 2.5
6	168	1.0	24.7	+ 0.7; 3.7	17.8	+ 0.8; 4.8	18.0	+ 2.3
7	185	1.6	23.1	+ 0.7; 3.5	16.3	+ 0.8; 4.6	16.7	+ 1.8
8	195	2.3	23.8	+ 0.7; 3.6	17.0	+ 0.8; 4.7	17.6	+ 2.5
9	209	3.8	23.0	+ 0.7; 3.4	16.2	+ 0.8; 4.6	17.1	+ 2.1
10	310	1.7	3.6	+ 0.7; 3.5	16.8	+ 0.8; 4.6	17.2	+ 2.7
11	290	1.8	3.9	+ 0.7; 3.6	17.0	+ 0.8; 4.7	19.8	+ 3.0
12	275	1.7	23.0	+ 0.7; 3.5	16.2	+ 0.8; 4.6	19.0	+ 2.4
13	256	1.9	22.1	+ 0.7; 3.3	15.3	+ 0.8; 4.5	17.5	+ 2.5
14	232	2.5	24.7	+ 0.7; 3.7	17.9	+ 0.8; 4.8	18.4	+ 1.6
15	227	5.1	23.2	+ 0.7; 3.5	16.4	+ 0.8; 4.6	18.3	+ 2.6
16	246	4.4	24.5	+ 0.7; 3.7	17.7	+ 0.8; 4.7	19.5	+ 2.5
17	250	6.6	31.0	+ 0.9; 4.6	23.9	+ 1.0; 5.5	23.3	+ 2.2
18	268	4.7	23.5	+ 0.7; 3.5	16.7	+ 0.8; 4.6	18.4	+ 2.3
19	283	4.4	23.7	+ 0.7; 3.5	16.8	+ 0.8; 4.6	19.1	+ 7.9
20	305	4.7	21.5	+ 0.6; 3.2	14.7	+ 0.7; 4.4	17.8	+ 3.0
21	300	2.9	23.5	+ 0.7; 3.5	16.7	+ 0.8; 4.6	18.3	+ 2.6
22	332	2.7	Missing Dosimeter		No Net Data		19.2	+ 2.9
23	20	3.9	23.7	+ 0.7; 3.6	16.9	+ 0.8; 4.7	18.8	+ 2.7
24	23	3.0	24.7	+ 0.7; 3.7	17.9	+ 0.8; 4.8	19.1	+ 2.7
25	42	4.7	24.8	+ 0.7; 3.7	17.9	+ 0.8; 4.8	18.6	+ 2.4
26	60	15.0	22.2	+ 0.7; 3.3	15.4	+ 0.8; 4.5	17.2	+ 2.5
27	62	16.0	22.2	+ 0.7; 3.3	15.5	+ 0.8; 4.5	16.1	+ 2.1
28	63	16.0	23.4	+ 0.7; 3.5	16.6	+ 0.8; 4.6	17.3	+ 2.3
29	64	2.1	25.4	+ 0.8; 3.8	18.5	+ 0.8; 4.8	20.3	+ 2.9
30	84	1.5	21.8	+ 0.7; 3.3	15.0	+ 0.8; 4.4	17.0	+ 2.0
31	115	1.6	22.7	+ 0.7; 3.4	15.9	+ 0.8; 4.5	17.3	+ 2.5
32	135	2.0	22.5	+ 0.7; 3.4	15.7	+ 0.8; 4.5	16.4	+ 2.2
33	66	3.5	23.4	+ 0.7; 3.5	16.6	+ 0.8; 4.6	17.7	+ 2.5
34	97	4.9	24.2	+ 0.7; 3.6	17.3	+ 0.8; 4.7	18.4	+ 2.0
35	123	4.8	24.9	+ 0.7; 3.7	18.0	+ 0.8; 4.8	18.6	+ 1.9
36	140	4.9	21.6	+ 0.6; 3.2	14.9	+ 0.7; 4.4	18.0	+ 3.2
37	151	6.0	24.8	+ 0.7; 3.7	17.9	+ 0.8; 4.8	18.5	+ 2.7
38	152	4.2	25.3	+ 0.8; 3.8	18.4	+ 0.8; 4.8	19.3	+ 2.3
39	172	4.9	23.1	+ 0.7; 3.5	16.3	+ 0.8; 4.6	17.5	+ 1.9
40	156	7.4	24.7	+ 0.7; 3.7	17.8	+ 0.8; 4.8	18.1	+ 2.2

Transit Dose = 6.3 + 0.4; 3.2

MAINE YANKEE
For the period 911204-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.7 +- 0.0	1
11.26 - 33.75 NNE	17.0 +- 0.9	-
33.76 - 56.25 NE	16.8 +- 1.5	2
56.26 - 78.75 ENE	17.6 +- 1.4	2
78.76 - 101.25 E	16.2 +- 1.6	2
101.26 - 123.75 ESE	16.6 +- 1.2	3
123.76 - 146.25 SE	15.3 +- 0.6	2
146.26 - 168.75 SSE	18.0 +- 0.3	4
168.76 - 191.25 S	16.3 +- 0.0	2
191.26 - 213.75 SSW	16.6 +- 0.6	2
213.76 - 236.25 SW	17.1 +- 1.1	2
236.26 - 258.75 WSW	19.0 +- 4.4	3
258.76 - 281.25 W	16.4 +- 0.3	2
281.26 - 303.75 WNW	16.8 +- 0.2	3
303.76 - 326.25 NW	15.8 +- 1.5	2
326.26 - 348.75 NNW	18.6 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.4 +- 1.0	14
2 - 5	17.0 +- 1.1	18
> 5	19.0 +- 3.3	4
Upwind Control	15.8 +- 0.7	3

MCGUIRE

TLD Direct Radiation Environmental Monitoring

For the period 911203-920421 141 Days

Field Time: 76 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev	
1	97	0.5	25.4 +- 0.8; 3.8	11.9 +- 1.2; 6.4	15.0 +- 2.7
2	323	1.6	27.5 +- 0.8; 4.1	14.4 +- 1.2; 6.6	17.2 +- 2.6
3	336	1.7	28.0 +- 0.8; 4.2	15.0 +- 1.3; 6.7	13.6 +- 2.7
4	303	2.9	26.6 +- 0.8; 4.0	13.4 +- 1.2; 6.5	17.0 +- 3.7
5	321	3.9	28.9 +- 0.9; 4.3	16.0 +- 1.3; 6.8	16.8 +- 2.8
6	334	3.7	26.7 +- 0.8; 4.0	13.5 +- 1.2; 6.5	16.9 +- 2.9
7	352	3.5	27.1 +- 0.8; 4.1	14.0 +- 1.2; 6.6	15.3 +- 2.5
8	287	2.0	27.4 +- 0.8; 4.1	14.4 +- 1.2; 6.6	17.5 +- 3.5
9	273	1.9	31.0 +- 0.9; 4.6	18.6 +- 1.3; 7.1	16.4 +- 3.6
10	244	1.7	25.5 +- 0.8; 3.8	12.1 +- 1.2; 6.4	15.6 +- 2.6
11	225	2.1	24.5 +- 0.7; 3.7	10.9 +- 1.2; 6.3	15.3 +- 2.3
12	212	3.6	28.3 +- 0.9; 4.3	15.4 +- 1.3; 6.8	16.8 +- 2.7
13	232	4.4	32.5 +- 1.0; 4.9	20.4 +- 1.4; 7.3	22.3 +- 2.7
14	253	3.7	Missing Dosimeter	No Net Data	19.5 +- 3.1
15	261	4.2	26.8 +- 0.8; 4.0	13.6 +- 1.2; 6.6	15.2 +- 2.7
16	288	4.3	32.3 +- 1.0; 4.8	20.1 +- 1.4; 7.3	22.3 +- 2.9
17	288	17.0	31.6 +- 0.9; 4.7	19.3 +- 1.4; 7.2	24.4 +- 7.0
18	287	2.0	30.3 +- 0.9; 4.5	17.7 +- 1.3; 7.0	21.7 +- 2.9
19	286	17.0	30.5 +- 0.9; 4.6	18.0 +- 1.3; 7.1	23.0 +- 3.5
20	233	18.0	31.4 +- 0.9; 4.7	19.1 +- 1.4; 7.2	22.1 +- 2.8
21	204	10.0	Missing Dosimeter	No Net Data	16.4 +- 2.7
22	239	9.5	28.6 +- 0.9; 4.3	15.8 +- 1.3; 6.8	17.9 +- 2.9
23	115	4.9	24.3 +- 0.7; 3.6	10.6 +- 1.2; 6.2	14.1 +- 2.6
24	132	4.9	25.8 +- 0.8; 3.9	12.5 +- 1.2; 6.4	14.3 +- 2.6
25	156	4.0	24.2 +- 0.7; 3.6	10.5 +- 1.2; 6.2	12.2 +- 2.5
26	175	3.7	25.3 +- 0.8; 3.8	11.8 +- 1.2; 6.4	14.4 +- 2.6
27	198	4.3	28.9 +- 0.9; 4.3	16.1 +- 1.3; 6.8	19.6 +- 3.2
28	169	13.0	25.5 +- 0.8; 3.8	12.0 +- 1.2; 6.4	15.2 +- 2.6
29	155	13.0	25.1 +- 0.8; 3.8	11.6 +- 1.2; 6.3	14.7 +- 2.3
30	146	14.0	25.1 +- 0.8; 3.8	11.6 +- 1.2; 6.3	13.7 +- 2.5
31	143	1.9	46.7 +- 1.4; 7.0	37.1 +- 1.8; 9.4	14.6 +- 2.7
32	155	1.3	27.7 +- 0.8; 4.2	14.7 +- 1.2; 6.7	14.9 +- 2.5
33	178	1.6	24.1 +- 0.7; 3.6	10.4 +- 1.1; 6.2	13.7 +- 2.2
34	108	2.0	25.8 +- 0.8; 3.9	12.4 +- 1.2; 6.4	15.3 +- 2.7
35	93	2.2	24.4 +- 0.7; 3.7	10.8 +- 1.2; 6.3	15.3 +- 2.6
36	68	2.5	25.2 +- 0.8; 3.8	11.7 +- 1.2; 6.4	15.1 +- 2.6
37	82	4.7	26.2 +- 0.8; 3.9	12.9 +- 1.2; 6.5	14.8 +- 2.4
38	64	4.9	25.7 +- 0.8; 3.9	12.4 +- 1.2; 6.4	15.4 +- 2.1
39	42	5.0	29.8 +- 0.9; 4.5	17.2 +- 1.3; 7.0	18.7 +- 2.6
40	26	4.3	27.9 +- 0.8; 4.2	14.9 +- 1.3; 6.7	15.5 +- 2.9
41	42	2.0	24.7 +- 0.7; 3.7	11.1 +- 1.2; 6.3	13.2 +- 2.5
42	21	1.6	29.8 +- 0.9; 4.5	17.2 +- 1.3; 7.0	17.3 +- 2.9
43	8	2.6	29.5 +- 0.9; 4.4	16.8 +- 1.3; 6.9	18.4 +- 2.6
44	37	13.0	30.4 +- 0.9; 4.6	17.8 +- 1.3; 7.0	22.2 +- 2.9
45	78	19.0	32.5 +- 1.0; 4.9	20.4 +- 1.4; 7.3	24.7 +- 3.1
46	94	19.0	29.4 +- 0.9; 4.4	16.7 +- 1.3; 6.5	18.7 +- 2.0

Transit Dose = 15.3 +- 0.6; 3.8

MCGUIRE

For the period 911203-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.4 +- 2.0	2
11.26 - 33.75 NNE	16.0 +- 1.6	2
33.76 - 56.25 NE	15.4 +- 3.7	3
56.26 - 78.75 ENE	14.8 +- 4.9	3
78.76 - 101.25 E	13.1 +- 2.6	4
101.26 - 123.75 ESE	11.5 +- 1.3	2
123.76 - 146.25 SE	20.4 +- 14.5	3
146.26 - 168.75 SSE	12.3 +- 2.2	3
168.76 - 191.25 S	11.4 +- 0.9	3
191.26 - 213.75 SSW	15.8 +- 0.5	2
213.76 - 236.25 SW	16.8 +- 5.2	3
236.26 - 258.75 WSW	13.9 +- 2.6	2
258.76 - 281.25 W	16.1 +- 3.5	2
281.26 - 303.75 WNW	16.0 +- 3.6	3
303.76 - 326.25 NW	15.2 +- 1.2	2
326.26 - 348.75 NNW	14.3 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.8 +- 7.1	12
2 - 5	14.1 +- 2.9	21
> 5	15.6 +- 3.5	8
Upwind Control	18.4 +- 0.9	3

MAP FOR HIGUIRE

Map will be provided for this site in the future.

MILLSTONE
 TLD Direct Radiation Environmental Monitoring
 For the period 911204-920422 141 Days
 Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	0	1.0	25.4	+- 0.8; 3.8	20.8	+- 0.8; 4.8	19.9	+- 4.6
2	24	1.3	20.1	+- 0.6; 3.0	15.6	+- 0.7; 4.2	15.8	+- 4.3
3	47	1.5	25.6	+- 0.8; 3.8	20.9	+- 0.8; 4.8	19.7	+- 4.4
4	60	1.7	23.5	+- 0.7; 3.6	19.2	+- 0.8; 4.6	17.7	+- 4.2
5	85	1.3	25.1	+- 0.8; 3.8	20.5	+- 0.8; 4.7	19.1	+- 4.1
6	110	1.8	24.3	+- 0.7; 3.6	19.7	+- 0.8; 4.6	18.7	+- 4.3
7	67	5.3	Missing Dosimeter		No Net Data		19.6 +- 4.4	
8	49	5.3	26.4	+- 0.8; 4.0	21.7	+- 0.8; 4.9	19.6	+- 4.1
9	84	5.2	24.2	+- 0.7; 3.6	19.6	+- 0.8; 4.6	18.2	+- 4.3
11	232	2.5	24.4	+- 0.7; 3.7	19.8	+- 0.8; 4.6	17.5	+- 4.1
12	256	2.4	25.8	+- 0.8; 3.9	21.1	+- 0.8; 4.8	19.8	+- 4.0
13	274	2.2	25.4	+- 0.8; 3.8	20.7	+- 0.8; 4.7	19.7	+- 4.1
14	295	1.9	27.2	+- 0.8; 4.1	22.5	+- 0.9; 5.0	20.4	+- 4.6
15	315	1.5	22.6	+- 0.7; 3.4	18.0	+- 0.7; 4.4	16.1	+- 4.3
16	339	1.2	25.8	+- 0.8; 3.9	21.1	+- 0.8; 4.8	19.3	+- 1.9
17	353	3.5	24.7	+- 0.7; 3.7	20.1	+- 0.8; 4.7	18.7	+- 4.4
18	24	3.5	24.6	+- 0.7; 3.7	20.0	+- 0.8; 4.7	18.6	+- 2.2
19	33	3.0	27.9	+- 0.8; 4.2	23.2	+- 0.9; 5.0	20.4	+- 4.6
20	82	4.0	24.7	+- 0.7; 3.7	20.0	+- 0.8; 4.7	18.2	+- 4.1
22	59	3.7	26.5	+- 0.8; 4.0	21.9	+- 0.9; 4.9	20.3	+- 4.7
28	257	5.8	30.3	+- 0.9; 4.5	25.5	+- 1.0; 5.3	21.6	+- 4.6
29	272	3.7	27.4	+- 0.8; 4.1	22.7	+- 0.9; 5.0	21.1	+- 4.6
30	295	3.5	26.0	+- 0.8; 3.9	21.3	+- 0.8; 4.8	21.1	+- 4.3
31	317	3.6	24.0	+- 0.7; 3.6	19.3	+- 0.8; 4.6	18.3	+- 4.1
32	327	4.3	28.7	+- 0.9; 4.3	23.9	+- 0.9; 5.1	21.3	+- 4.4
33	41	4.7	25.1	+- 0.8; 3.8	20.5	+- 0.8; 4.7	19.9	+- 4.0
34	54	5.5	26.9	+- 0.8; 4.0	22.2	+- 0.9; 4.9	20.9	+- 4.8
37	354	6.8	25.2	+- 0.8; 3.8	20.5	+- 0.8; 4.7	19.2	+- 4.4
39	1	5.7	24.7	+- 0.7; 3.7	20.1	+- 0.8; 4.7	18.9	+- 4.3
40	278	8.7	23.9	+- 0.7; 3.6	19.3	+- 0.8; 4.6	16.9	+- 3.9
41	34	11.0	29.5	+- 0.9; 4.4	24.8	+- 0.9; 5.2	24.9	+- 4.8
42	84	8.0	25.1	+- 0.8; 3.8	20.5	+- 0.8; 4.7	19.1	+- 4.2
46	41	0.6	24.3	+- 0.7; 3.6	19.7	+- 0.8; 4.6	18.5	+- 4.2
48	4	40.0	29.8	+- 0.9; 4.5	25.1	+- 0.9; 5.3	24.0	+- 4.6
49	4	40.0	30.8	+- 0.9; 4.6	26.0	+- 1.0; 5.4	24.1	+- 4.9

Transit Dose = 4.2 +- 0.4; 3.0

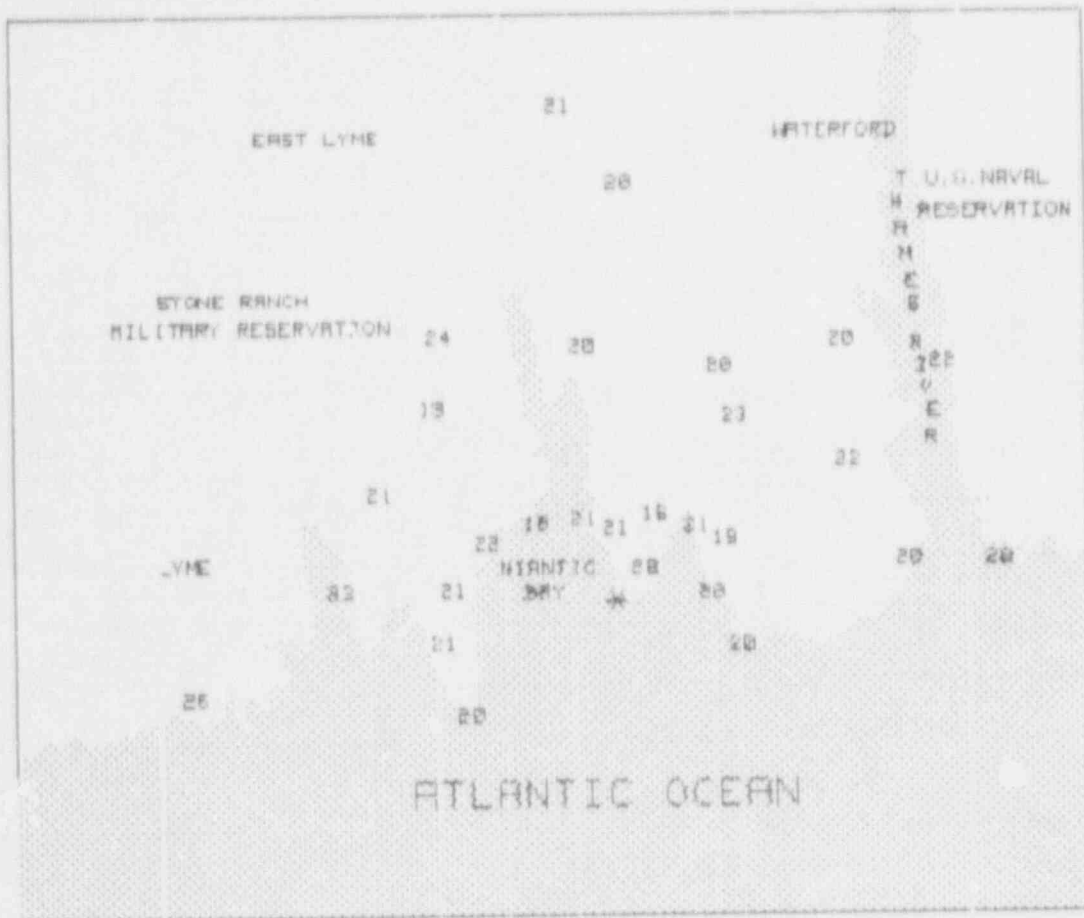
MILLSTONE
For the period 911204-920422

GLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.4 +- 0.3	4
11.26 - 33.75 NNE	19.6 +- 3.8	3
33.76 - 56.25 NE	21.6 +- 1.8	6
56.26 - 78.75 ENE	20.5 +- 1.9	2
78.76 - 101.25 E	20.1 +- 0.4	4
101.26 - 123.75 ESE	19.7 +- 0.0	1
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	19.8 +- 0.0	1
236.26 - 258.75 WSW	23.3 +- 3.1	2
258.76 - 281.25 W	20.9 +- 1.7	3
281.26 - 303.75 WNW	21.9 +- 0.8	2
303.76 - 326.25 NW	18.7 +- 0.9	2
326.26 - 348.75 NNW	22.5 +- 2.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.8 +- 1.9	10
2 - 5	21.1 +- 1.4	13
> 5	21.6 +- 2.3	9
Upwind Control	25.5 +- 0.6	2

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



* Plant

MONTICELLO

TLD Direct Radiation Environmental Monitoring

For the period 911203-920430 150 Days

Field Time: 103 Days

NRC St-	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	133 3.6	22.1 +- 0.7; 3.3	15.7 +- 0.7; 4.1	16.9 +- 1.4
2	163 4.6	22.8 +- 0.7; 3.4	16.4 +- 0.7; 4.2	17.6 +- 1.4
3	183 4.1	23.6 +- 0.7; 3.5	17.1 +- 0.7; 4.2	17.9 +- 1.4
4	206 4.3	23.7 +- 0.7; 3.6	17.2 +- 0.7; 4.3	17.7 +- 1.4
5	230 4.2	23.6 +- 0.7; 3.5	17.1 +- 0.7; 4.2	19.1 +- 1.7
6	253 4.6	22.8 +- 0.7; 3.4	16.4 +- 0.7; 4.2	18.0 +- 1.5
7	269 4.4	22.4 +- 0.7; 3.4	16.0 +- 0.7; 4.1	17.4 +- 1.4
8	286 4.0	23.6 +- 0.7; 3.5	17.0 +- 0.7; 4.2	18.2 +- 1.5
9	274 1.9	22.8 +- 0.7; 3.4	16.4 +- 0.7; 4.2	17.1 +- 1.3
10	244 1.3	21.1 +- 0.6; 3.2	14.9 +- 0.6; 4.0	15.6 +- 1.5
11	226 0.9	23.2 +- 0.7; 3.5	16.7 +- 0.7; 4.2	16.8 +- 1.5
12	181 1.8	23.4 +- 0.7; 3.5	16.8 +- 0.7; 4.2	17.1 +- 1.5
13	137 1.7	22.9 +- 0.7; 3.4	16.4 +- 0.7; 4.2	17.2 +- 1.4
14	155 1.0	23.3 +- 0.7; 3.5	16.8 +- 0.7; 4.2	17.1 +- 1.3
15	208 0.6	21.4 +- 0.6; 3.2	15.1 +- 0.7; 4.0	16.6 +- 1.3
16	284 2.0	22.4 +- 0.7; 3.4	16.0 +- 0.7; 4.1	16.7 +- 1.2
17	113 1.6	22.6 +- 0.7; 3.4	16.2 +- 0.7; 4.1	16.8 +- 1.9
18	85 1.1	21.9 +- 0.7; 3.3	15.6 +- 0.7; 4.1	16.7 +- 1.3
19	63 1.2	22.0 +- 0.7; 3.3	15.7 +- 0.7; 4.1	16.9 +- 1.4
20	37 1.7	24.0 +- 0.7; 3.6	17.4 +- 0.7; 4.3	16.8 +- 1.1
21	23 0.8	22.5 +- 0.7; 3.4	16.1 +- 0.7; 4.1	17.0 +- 1.3
22	354 0.7	24.6 +- 0.7; 3.7	17.9 +- 0.7; 4.3	17.2 +- 1.5
23	338 0.8	22.9 +- 0.7; 3.4	16.4 +- 0.7; 4.2	17.2 +- 1.4
24	307 1.8	24.0 +- 0.7; 3.6	17.4 +- 0.7; 4.3	17.1 +- 1.4
25	339 4.1	22.4 +- 0.7; 3.4	16.0 +- 0.7; 4.1	16.6 +- 1.4
26	320 6.0	23.5 +- 0.7; 3.5	16.9 +- 0.7; 4.2	16.5 +- 1.7
27	354 4.5	22.2 +- 0.7; 3.3	15.8 +- 0.7; 4.1	17.0 +- 1.6
28	17 3.7	20.6 +- 0.6; 3.1	14.5 +- 0.6; 4.0	15.8 +- 1.4
29	50 4.0	22.2 +- 0.7; 3.3	15.8 +- 0.7; 4.1	16.0 +- 1.6
30	77 3.6	22.3 +- 0.7; 3.4	16.0 +- 0.7; 4.1	17.0 +- 1.4
31	115 3.3	23.2 +- 0.7; 3.5	16.7 +- 0.7; 4.2	16.8 +- 1.5
32	90 4.6	20.8 +- 0.6; 3.1	14.6 +- 0.6; 4.0	16.5 +- 2.2
33	323 16.0	21.1 +- 0.6; 3.2	14.9 +- 0.6; 4.0	16.7 +- 1.6
34	323 16.0	22.0 +- 0.7; 3.3	15.7 +- 0.7; 4.1	16.4 +- 1.5
35	323 16.0	23.0 +- 0.7; 3.5	16.5 +- 0.7; 4.2	17.4 +- 1.6

Transit Dose = 4.1 +- 0.4; 3.3

MONTICELLO

For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.9 +- 1.5	2
11.26 - 33.75 NNE	15.3 +- 1.1	2
33.76 - 56.25 NE	16.6 +- 1.1	2
56.26 - 78.75 ENE	15.8 +- 0.2	2
78.76 - 101.25 E	15.1 +- 0.7	2
101.26 - 123.75 ESE	16.5 +- 0.4	2
123.76 - 146.25 SE	16.1 +- 0.5	2
146.26 - 168.75 SSE	16.6 +- 0.3	2
168.76 - 191.25 S	16.9 +- 0.1	2
191.26 - 213.75 SSW	16.1 +- 1.5	2
213.76 - 236.25 SW	16.9 +- 0.3	2
236.26 - 258.75 WSW	15.6 +- 1.0	2
258.76 - 281.25 W	16.2 +- 0.3	2
281.26 - 303.75 WNW	16.5 +- 0.7	2
303.76 - 326.25 NW	17.2 +- 0.3	2
326.26 - 348.75 NNW	16.2 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.4 +- 0.8	16
2 - 5	16.1 +- 0.8	15
> 5	16.9 +- 0.0	1
Upwind Control	15.7 +- 0.8	3

MAP FOR MONTICELLO

Map will be provided for this site in the future.

NORTH ANNA

TLD Direct Radiation Environmental Monitoring

For the period 911203-920429 149 Days

Field Time: 98 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	243	1.8	28.4	+- 0.9; 4.3	20.3	+- 0.9; 5.0	21.2	+- 1.6
2	263	1.6	24.2	+- 0.7; 3.6	16.4	+- 0.8; 4.6	18.0	+- 1.4
3	296	1.0	24.6	+- 0.7; 3.7	16.8	+- 0.8; 4.6	18.3	+- 1.5
4	311	1.3	29.2	+- 0.9; 4.4	21.0	+- 0.9; 5.1	22.4	+- 1.5
5	329	1.3	25.5	+- 0.8; 3.8	17.7	+- 0.8; 4.7	19.2	+- 1.2
6	231	3.9	27.6	+- 0.8; 4.1	19.6	+- 0.9; 4.9	20.5	+- 1.4
7	224	1.7	27.0	+- 0.8; 4.0	19.0	+- 0.8; 4.8	20.0	+- 1.3
8	210	1.6	24.2	+- 0.7; 3.6	16.5	+- 0.8; 4.6	18.3	+- 1.4
9	181	1.4	22.3	+- 0.7; 3.4	14.7	+- 0.7; 4.4	16.3	+- 1.3
10	155	1.0	30.7	+- 0.9; 4.6	22.4	+- 0.9; 5.2	24.1	+- 1.6
11	136	1.6	25.0	+- 0.7; 3.7	17.1	+- 0.8; 4.6	18.3	+- 1.7
12	163	3.5	25.6	+- 0.8; 3.8	17.7	+- 0.8; 4.7	19.4	+- 1.5
13	190	3.3	24.0	+- 0.7; 3.6	16.2	+- 0.8; 4.5	17.8	+- 1.4
14	205	4.9	23.7	+- 0.7; 3.6	16.0	+- 0.8; 4.5	17.1	+- 1.2
15	140	4.2	25.4	+- 0.8; 3.8	17.5	+- 0.8; 4.7	19.2	+- 1.3
16	113	4.9	29.6	+- 0.9; 4.4	21.4	+- 0.9; 5.1	23.2	+- 1.6
17	93	3.3	22.9	+- 0.7; 3.4	15.2	+- 0.7; 4.4	16.2	+- 1.3
18	64	4.1	25.9	+- 0.8; 3.9	18.0	+- 0.8; 4.7	19.3	+- 1.5
19	78	2.7	34.8	+- 1.0; 5.2	26.2	+- 1.0; 5.7	28.3	+- 1.5
20	97	1.9	26.6	+- 0.8; 4.0	18.6	+- 0.8; 4.8	20.3	+- 1.9
21	105	1.7	Damaged Dosimeter		No Net Data		16.9	+- 1.2
22	60	2.4	23.4	+- 0.7; 3.5	15.7	+- 0.8; 4.5	17.4	+- 1.3
23	37	1.4	25.9	+- 0.8; 3.9	18.0	+- 0.8; 4.7	19.2	+- 1.3
24	16	1.6	29.8	+- 0.9; 4.5	21.6	+- 0.9; 5.1	23.9	+- 1.6
25	48	3.5	21.9	+- 0.7; 3.3	14.3	+- 0.7; 4.3	16.2	+- 2.1
26	17	3.7	25.4	+- 0.8; 3.8	17.5	+- 0.8; 4.7	19.5	+- 1.4
27	3	4.8	24.5	+- 0.7; 3.7	16.7	+- 0.8; 4.6	17.5	+- 1.9
28	348	4.0	23.1	+- 0.7; 3.5	15.4	+- 0.8; 4.4	17.4	+- 1.3
29	2	1.9	23.2	+- 0.7; 3.5	15.5	+- 0.8; 4.5	16.9	+- 1.1
30	284	5.0	22.5	+- 0.7; 3.4	14.9	+- 0.7; 4.4	17.6	+- 1.4
31	310	4.7	26.5	+- 0.8; 4.0	18.6	+- 0.8; 4.8	20.3	+- 1.9
32	273	4.9	19.3	+- 0.6; 2.9	13.9	+- 0.7; 4.1	14.1	+- 1.7
33	257	5.1	23.8	+- 0.7; 3.6	16.1	+- 0.8; 4.5	18.7	+- 1.5
34	242	7.	25.2	+- 0.8; 3.8	17.4	+- 0.8; 4.7	19.7	+- 1.5
35	255	11.0	24.2	+- 0.7; 3.6	16.4	+- 0.8; 4.6	18.7	+- 1.8
36	248	15.0	24.2	+- 0.7; 3.6	16.5	+- 0.8; 4.6	18.4	+- 1.4
37	247	17.0	24.9	+- 0.7; 3.7	17.0	+- 0.8; 4.6	17.6	+- 1.3
38	244	19.0	23.1	+- 0.7; 3.5	15.4	+- 0.8; 4.4	17.0	+- 1.7

Transit Dose = 6.3 +- 0.4; 3.4

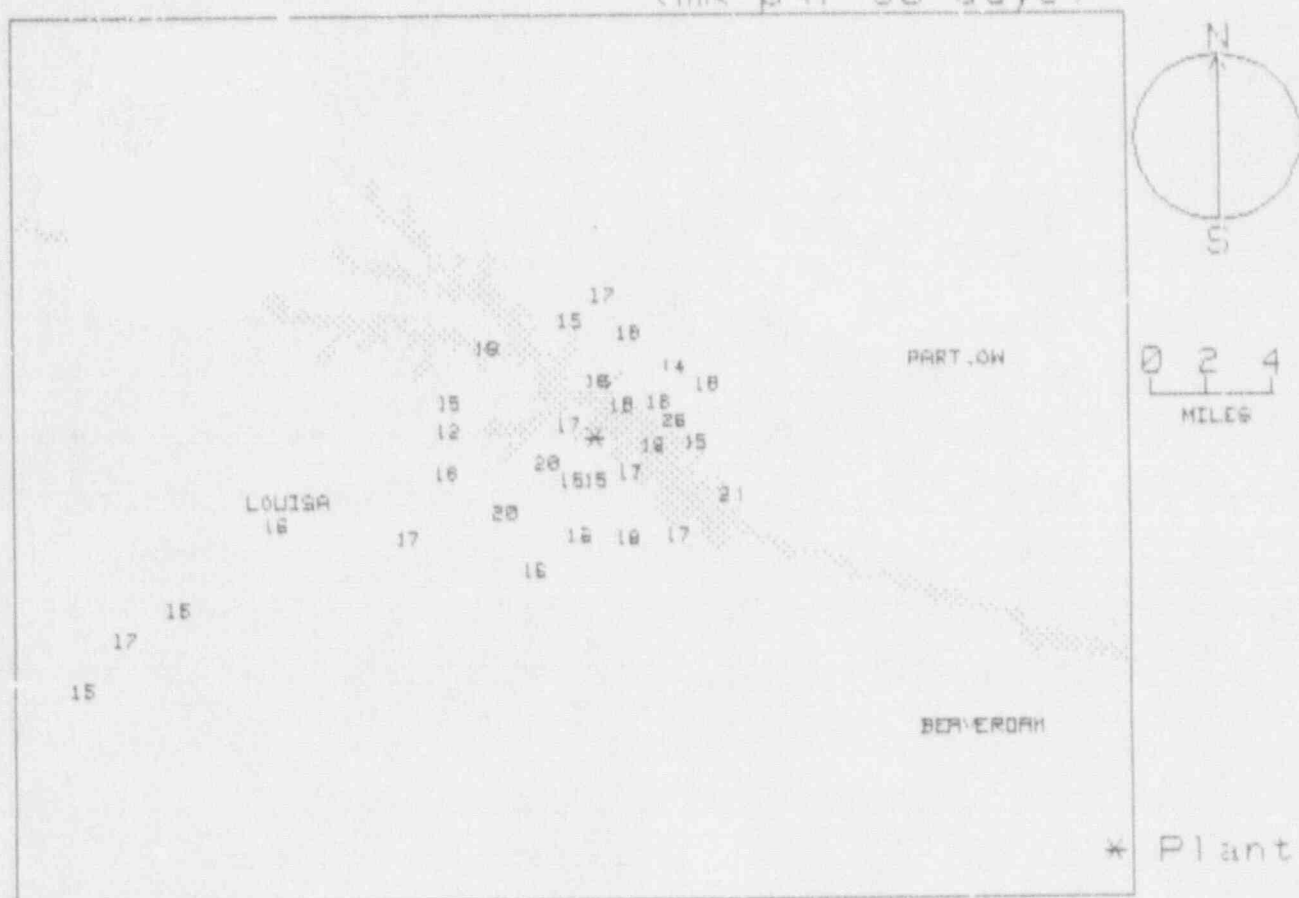
NORTH ANNA
For the period 911203-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.1 +- 0.8	2
11.26 - 33.75 NNE	19.6 +- 2.9	2
33.76 - 56.25 NE	16.1 +- 2.6	2
56.26 - 78.75 ENE	20.0 +- 5.5	3
78.76 - 101.25 E	16.9 +- 2.4	2
101.26 - 123.75 ESE	21.4 +- 0.0	1
123.76 - 146.25 SE	17.3 +- 0.2	2
146.26 - 168.75 SSE	20.0 +- 3.3	2
168.76 - 191.25 S	15.5 +- 1.1	2
191.26 - 213.75 SSW	16.2 +- 0.3	2
213.76 - 236.25 SW	19.3 +- 0.4	2
236.26 - 258.75 WSW	17.5 +- 1.9	4
258.76 - 281.25 W	14.2 +- 3.2	2
281.26 - 303.75 WNW	15.8 +- 1.3	2
303.76 - 326.25 NW	19.8 +- 1.7	2
326.26 - 348.75 NNW	16.5 +- 1.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 2.3	14
2 - 5	17.2 +- 3.2	17
> 5	16.6 +- 0.7	3
Upwind Control	16.3 +- 0.8	3

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



OCONEE
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920421 141 Days
 Field Time: 78 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm;	Tot.	+-Rdm;	Tot.	+-1	Std Dev
1	158	7.5	27.7 +- 0.8;	4.2	21.2 +- 1.1;	6.0	23.0 +- 2.4	
2	133	4.9	30.6 +- 0.9;	4.6	24.5 +- 1.2;	6.4	25.9 +- 2.4	
3	119	4.3	31.0 +- 0.9;	4.6	25.0 +- 1.2;	6.5	24.4 +- 2.2	
4	84	4.7	30.5 +- 0.9;	4.6	24.5 +- 1.2;	6.4	24.9 +- 1.8	
5	65	4.0	29.7 +- 0.9;	4.5	23.5 +- 1.2;	6.3	23.7 +- 3.0	
6	52	1.8	29.8 +- 0.9;	4.5	23.7 +- 1.2;	6.3	25.2 +- 2.4	
7	22	3.5	31.0 +- 0.9;	4.6	25.0 +- 1.2;	6.5	25.4 +- 2.3	
8	33	1.4	29.7 +- 0.9;	4.5	23.5 +- 1.2;	6.3	25.1 +- 2.9	
9	52	1.8	26.8 +- 0.8;	4.0	20.2 +- 1.1;	5.9	20.0 +- 2.0	
10	67	1.1	24.9 +- 0.7;	3.7	18.0 +- 1.0;	5.6	16.8 +- 2.4	
11	107	1.9	25.5 +- 0.8;	3.8	18.6 +- 1.0;	5.7	19.4 +- 2.1	
12	87	1.0	27.3 +- 0.8;	4.1	20.8 +- 1.1;	6.0	22.3 +- 2.4	
13	142	0.7	29.0 +- 0.9;	4.4	22.7 +- 1.1;	6.2	22.9 +- 1.9	
14	166	0.7	24.3 +- 0.7;	3.6	17.2 +- 1.0;	5.5	20.1 +- 1.9	
15	226	1.7	28.7 +- 0.9;	4.3	22.3 +- 1.1;	6.1	22.1 +- 2.1	
16	207	1.4	28.2 +- 0.8;	4.2	21.8 +- 1.1;	6.1	21.5 +- 1.8	
17	182	2.2	24.3 +- 0.7;	3.7	17.3 +- 1.0;	5.6	18.6 +- 1.8	
18	186	3.8	25.3 +- 0.8;	3.8	18.4 +- 1.0;	5.7	19.5 +- 2.0	
19	155	4.1	29.9 +- 0.9;	4.5	23.7 +- 1.2;	6.3	23.6 +- 0.9	
20	203	8.4	23.8 +- 0.7;	3.6	16.7 +- 1.0;	5.5	18.4 +- 2.5	
21	210	4.6	24.5 +- 0.7;	3.7	17.5 +- 1.0;	5.6	19.9 +- 2.2	
22	227	4.8	30.7 +- 0.9;	4.6	24.6 +- 1.2;	6.4	21.6 +- 3.1	
23	240	3.6	27.0 +- 0.8;	4.0	20.4 +- 1.1;	5.9	20.7 +- 2.6	
24	268	3.6	29.6 +- 0.9;	4.4	23.4 +- 1.2;	6.3	24.2 +- 2.0	
25	257	1.9	28.3 +- 0.8;	4.2	21.9 +- 1.1;	6.1	19.3 +- 2.4	
26	293	3.6	26.2 +- 0.8;	3.9	19.5 +- 1.1;	5.8	21.1 +- 2.4	
27	311	3.5	24.8 +- 0.7;	3.7	17.9 +- 1.0;	5.6	18.3 +- 1.7	
28	288	2.0	27.2 +- 0.8;	4.1	20.6 +- 1.1;	5.9	20.4 +- 2.3	
29	275	1.8	25.9 +- 0.8;	3.9	19.1 +- 1.0;	5.8	19.4 +- 1.8	
30	321	1.8	27.8 +- 0.8;	4.2	21.3 +- 1.1;	6.0	21.7 +- 2.2	
31	344	2.0	22.8 +- 0.7;	3.4	15.5 +- 1.0;	5.4	17.7 +- 2.1	
32	336	3.7	30.4 +- 0.9;	4.6	24.4 +- 1.2;	6.4	26.1 +- 2.5	
33	358	4.5	25.5 +- 0.8;	3.8	18.7 +- 1.0;	5.7	22.1 +- 2.5	
34	256	9.4	32.1 +- 1.0;	4.8	26.3 +- 1.2;	6.6	27.8 +- 2.3	
35	149	21.0	29.0 +- 0.9;	4.4	22.7 +- 1.1;	6.2	22.9 +- 2.8	
36	126	8.2	27.7 +- 0.8;	4.1	21.1 +- 1.1;	6.0	24.8 +- 2.1	
37	96	9.7	29.6 +- 0.9;	4.4	23.4 +- 1.2;	6.3	24.2 +- 1.9	
38	32	16.0	36.2 +- 1.1;	5.4	31.0 +- 1.4;	7.2	30.1 +- 3.5	
39	31	16.0	30.5 +- 0.9;	4.6	24.4 +- 1.2;	6.4	25.5 +- 3.3	
40	29	16.0	33.1 +- 1.0;	5.0	27.5 +- 1.3;	6.8	27.1 +- 1.9	

Transit Dose = 9.3 +- 0.5; 3.1

OCONEE

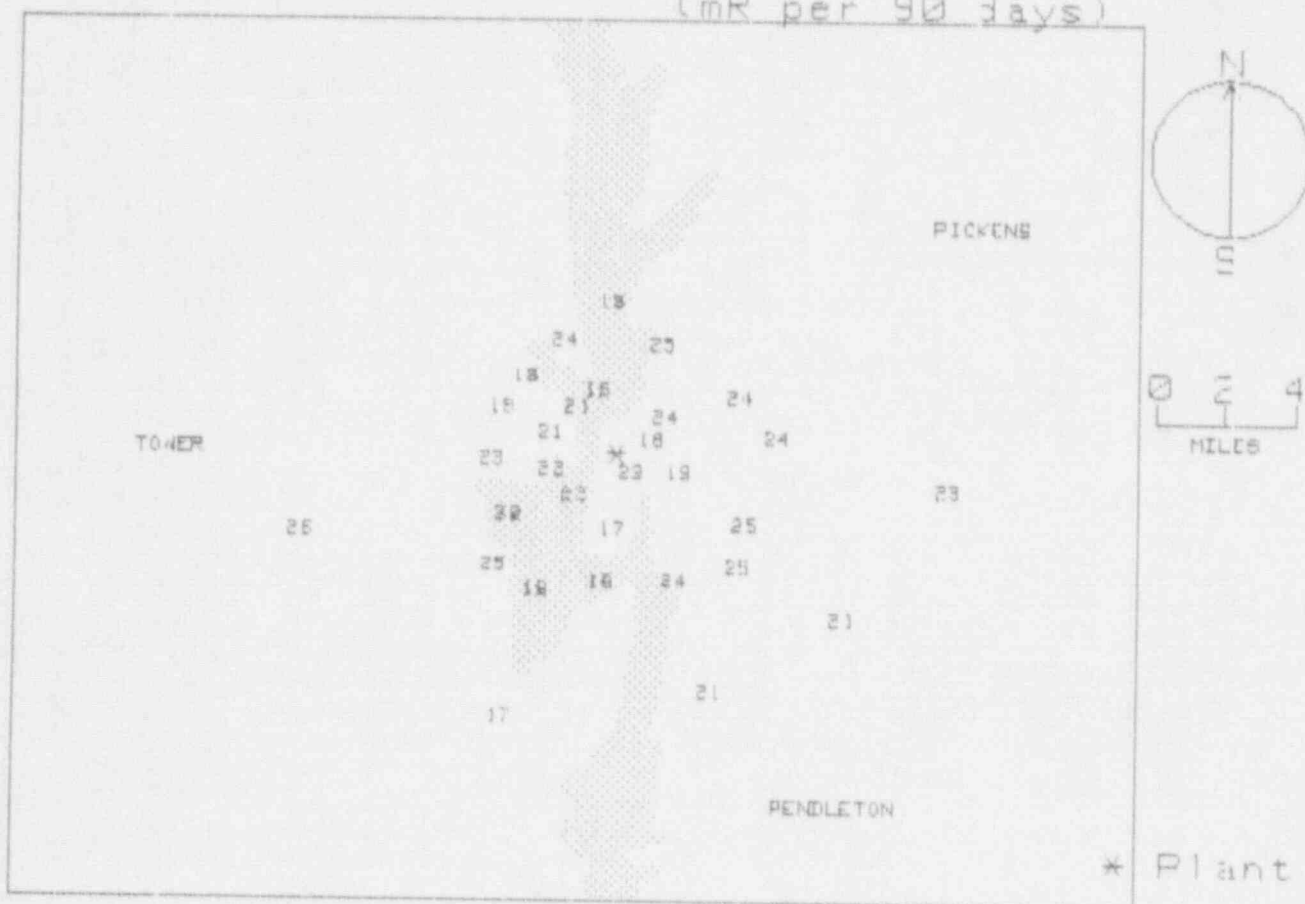
For the period 911203-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.7 +- 0.0	1
11.26 - 33.75 NNE	24.3 +- 1.0	2
33.76 - 56.25 NE	21.9 +- 2.5	2
56.26 - 78.75 ENE	20.7 +- 3.9	2
78.76 - 101.25 E	22.9 +- 1.9	3
101.26 - 123.75 ESE	21.8 +- 4.5	2
123.76 - 146.25 SE	22.8 +- 1.7	3
146.26 - 168.75 SSE	21.2 +- 2.8	4
168.76 - 191.25 S	17.9 +- 0.8	2
191.26 - 213.75 SSW	18.7 +- 2.7	3
213.76 - 236.25 SW	23.5 +- 1.6	2
236.26 - 258.75 WSW	22.8 +- 3.1	3
258.76 - 281.25 W	21.2 +- 3.0	2
281.26 - 303.75 WNW	20.0 +- 0.8	2
303.76 - 326.25 NW	19.6 +- 2.4	2
326.26 - 348.75 NNW	19.9 +- 6.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.5 +- 2.4	15
2 - 5	21.8 +- 3.1	16
> 5	21.9 +- 3.2	6
Upwind Control	27.6 +- 3.3	3

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



OYSTER CREEK

TLD Direct Radiation Environmental Monitoring

For the period 911204-920429 148 Days

Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	141	0.5	14.4	+- 0.4; 2.2	10.7	+- 0.5; 3.6	11.6	+- 1.5
2	120	0.9	14.5	+- 0.4; 2.2	10.8	+- 0.5; 3.6	11.5	+- 1.7
3	105	1.5	15.8	+- 0.5; 2.4	12.1	+- 0.6; 3.7	12.6	+- 1.5
4	127	1.5	14.3	+- 0.4; 2.1	10.6	+- 0.5; 3.6	11.5	+- 3.3
5	137	1.3	15.0	+- 0.5; 2.3	11.3	+- 0.6; 3.7	11.7	+- 3.5
6	158	1.2	14.7	+- 0.4; 2.2	11.0	+- 0.5; 3.6	11.3	+- 3.0
7	176	2.2	16.0	+- 0.5; 2.4	12.2	+- 0.6; 3.7	11.9	+- 3.4
8	179	1.6	15.2	+- 0.5; 2.3	11.4	+- 0.6; 3.7	11.6	+- 3.3
9	159	2.8	14.6	+- 0.4; 2.2	10.9	+- 0.5; 3.6	10.4	+- 3.1
10	187	8.4	14.3	+- 0.4; 2.2	10.6	+- 0.5; 3.6	11.4	+- 3.3
11	173	4.4	15.0	+- 0.4; 2.2	11.2	+- 0.6; 3.6	11.9	+- 3.4
12	196	4.2	14.6	+- 0.4; 2.2	10.9	+- 0.5; 3.6	12.6	+- 1.8
13	198	8.6	14.8	+- 0.4; 2.2	11.1	+- 0.5; 3.6	10.7	+- 3.0
14	185	10.0	16.9	+- 0.5; 2.5	13.2	+- 0.6; 3.8	13.9	+- 1.8
15	171	11.0	14.1	+- 0.4; 2.1	10.4	+- 0.5; 3.6	11.0	+- 3.1
16	154	8.2	14.9	+- 0.4; 2.2	11.2	+- 0.6; 3.6	11.6	+- 3.2
17	126	6.3	16.6	+- 0.5; 2.5	12.8	+- 0.6; 3.8	12.7	+- 1.9
18	220	4.6	15.3	+- 0.5; 2.3	11.6	+- 0.6; 3.7	10.7	+- 3.1
19	231	5.3	14.2	+- 0.4; 2.1	10.5	+- 0.5; 3.6	11.0	+- 2.8
20	211	1.6	14.6	+- 0.4; 2.2	10.9	+- 0.5; 3.6	10.6	+- 2.8
22	258	1.5	14.5	+- 0.4; 2.2	10.7	+- 0.5; 3.6	11.3	+- 3.1
23	271	1.2	14.0	+- 0.4; 2.1	10.3	+- 0.5; 3.6	11.3	+- 3.3
24	297	1.3	14.1	+- 0.4; 2.1	10.4	+- 0.5; 3.6	12.0	+- 3.5
25	318	1.5	13.6	+- 0.4; 2.0	9.9	+- 0.5; 3.5	10.9	+- 3.2
26	341	3.2	16.4	+- 0.5; 2.5	12.6	+- 0.6; 3.8	13.3	+- 2.0
27	330	4.6	13.7	+- 0.4; 2.1	10.0	+- 0.5; 3.5	12.1	+- 3.3
28	358	3.2	15.2	+- 0.5; 2.3	11.5	+- 0.6; 3.7	11.1	+- 3.2
29	4	1.8	14.5	+- 0.4; 2.2	10.8	+- 0.5; 3.6	11.6	+- 3.2
30	19	0.8	15.5	+- 0.5; 2.3	11.8	+- 0.6; 3.7	11.6	+- 1.4
31	69	1.4	15.2	+- 0.5; 2.3	11.5	+- 0.6; 3.7	11.7	+- 3.4
32	78	2.5	14.7	+- 0.4; 2.2	10.9	+- 0.5; 3.6	10.9	+- 1.8
33	85	2.2	14.2	+- 0.4; 2.1	10.5	+- 0.5; 3.6	10.8	+- 3.0
34	38	1.7	14.4	+- 0.4; 2.2	10.7	+- 0.5; 3.6	11.6	+- 1.6
35	24	1.9	14.9	+- 0.4; 2.2	11.2	+- 0.6; 3.6	12.7	+- 3.9
36	50	3.0	14.7	+- 0.4; 2.2	11.0	+- 0.5; 3.6	12.9	+- 2.1
37	46	4.8	13.0	+- 0.4; 1.9	9.3	+- 0.5; 3.5	11.5	+- 1.4
38	27	4.0	16.2	+- 0.5; 2.4	12.5	+- 0.6; 3.8	12.3	+- 3.6
39	12	8.9	16.0	+- 0.5; 2.4	12.3	+- 0.6; 3.7	11.8	+- 3.1
40	10	8.7	14.9	+- 0.4; 2.2	11.2	+- 0.6; 3.6	11.0	+- 3.1
41	3	9.9	15.0	+- 0.4; 2.2	11.2	+- 0.6; 3.7	11.7	+- 3.7
42	38	10.0	16.5	+- 0.5; 2.5	12.8	+- 0.6; 3.8	12.6	+- 1.7
43	46	9.1	18.4	+- 0.6; 2.8	14.6	+- 0.6; 4.0	14.0	+- 3.9
44	73	6.5	14.1	+- 0.4; 2.1	10.4	+- 0.5; 3.6	10.8	+- 3.1
45	79	6.0	15.7	+- 0.5; 2.4	12.0	+- 0.6; 3.7	12.3	+- 3.3
46	278	20.0	16.1	+- 0.5; 2.4	12.4	+- 0.6; 3.8	12.3	+- 3.2
47	278	20.0	15.8	+- 0.5; 2.4	12.1	+- 0.6; 3.7	12.4	+- 3.1

Transit Dose = 3.6 +- 0.3; 2.9

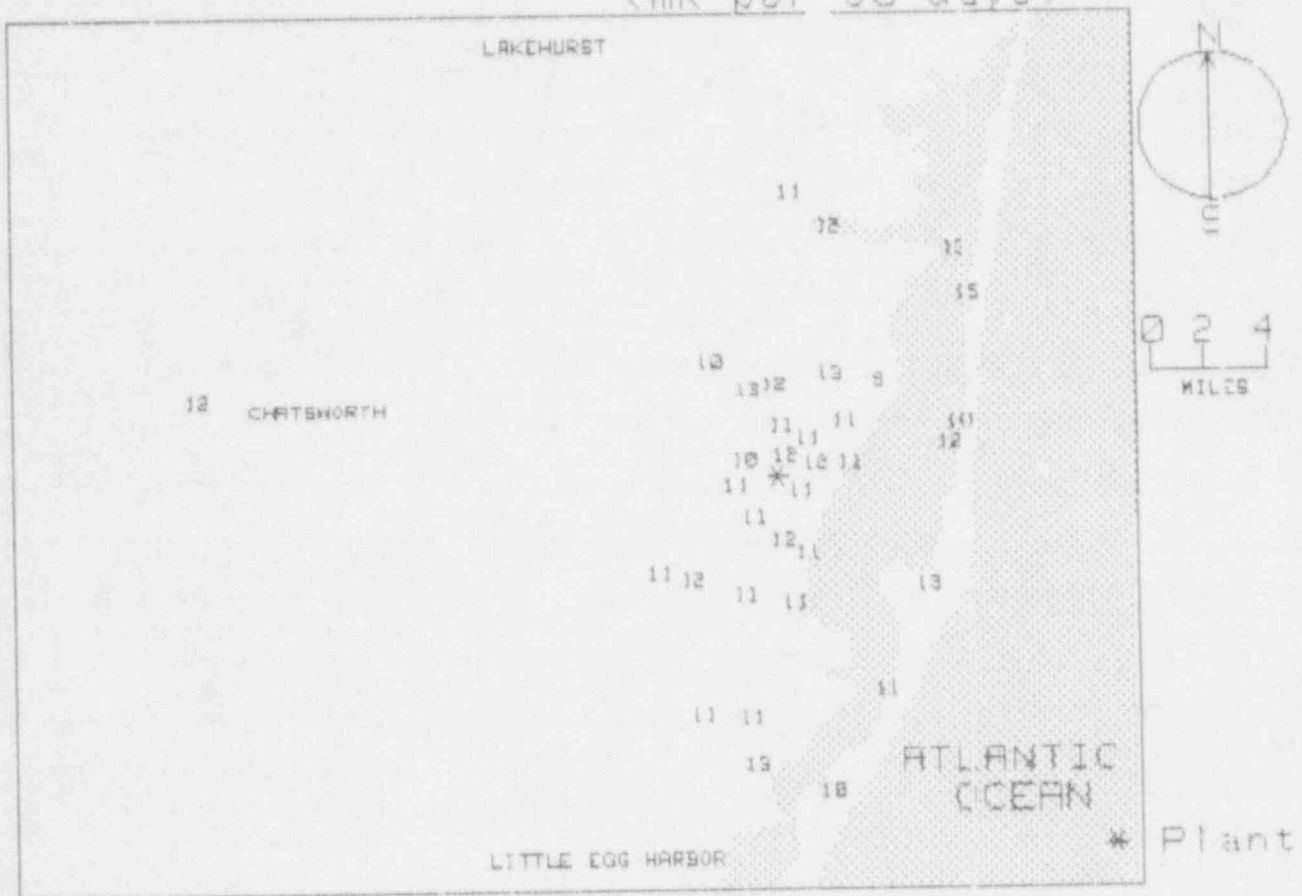
OYSTER CREEK
For the period 911204-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.2 +- 0.3	4
11.26 - 33.75 NNE	11.9 +- 0.6	4
33.76 - 56.25 NE	11.7 +- 2.1	5
56.26 - 78.75 ENE	10.9 +- 0.6	3
78.76 - 101.25 E	11.2 +- 1.1	2
101.26 - 123.75 ESE	11.4 +- 0.9	2
123.76 - 146.25 SE	11.4 +- 1.0	4
146.26 - 168.75 SSE	11.0 +- 0.2	3
168.76 - 191.25 S	11.5 +- 1.0	6
191.26 - 213.75 SSW	11.0 +- 0.1	3
213.76 - 236.25 SW	11.1 +- 0.8	2
236.26 - 258.75 WSW	10.7 +- 0.0	1
258.76 - 281.25 W	10.3 +- 0.0	1
281.26 - 303.75 WNW	10.4 +- 0.0	1
303.76 - 326.25 NW	9.9 +- 0.0	1
326.26 - 348.75 NNW	11.3 +- 1.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	10.9 +- 0.6	17
2 - 5	11.2 +- 1.0	13
> 5	11.7 +- 1.3	14
Upwind Control	12.2 +- 0.2	2

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



* Plant

PALISADES

TLD Direct Radiation Environmental Monitoring

For the period 911202-920422 143 Days

Field Time: 100 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	195 4.9	20.2 +- 0.6; 3.0	12.7 +- 0.7; 4.1	13.7 +- 2.1
2	173 4.6	20.4 +- 0.6; 3.1	12.9 +- 0.7; 4.1	14.4 +- 2.5
3	156 3.9	Missing Dosimeter	No Net Data	15.3 +- 2.0
4	132 4.6	20.7 +- 0.6; 3.1	13.2 +- 0.7; 4.1	14.3 +- 2.2
5	118 3.3	21.0 +- 0.6; 3.1	13.5 +- 0.7; 4.2	15.2 +- 2.5
6	152 1.8	20.1 +- 0.6; 3.0	12.7 +- 0.7; 4.1	14.2 +- 2.2
7	196 2.2	21.0 +- 0.6; 3.1	13.4 +- 0.7; 4.2	13.7 +- 2.2
8	178 1.6	Damaged Dosimeter	No Net Data	14.6 +- 2.4
9	200 0.9	19.0 +- 0.6; 2.9	11.7 +- 0.6; 4.0	14.2 +- 2.2
10	124 1.8	20.6 +- 0.6; 3.1	13.1 +- 0.7; 4.1	14.8 +- 2.9
11	107 1.6	20.4 +- 0.6; 3.1	12.9 +- 0.7; 4.1	14.7 +- 2.2
12	90 1.5	20.8 +- 0.6; 3.1	13.3 +- 0.7; 4.2	13.9 +- 2.3
13	65 1.7	20.4 +- 0.6; 3.1	12.9 +- 0.7; 4.1	14.3 +- 2.1
14	51 1.9	20.5 +- 0.6; 3.1	13.0 +- 0.7; 4.1	14.0 +- 2.0
15	74 3.7	19.2 +- 0.6; 2.9	11.8 +- 0.6; 4.0	13.5 +- 2.7
16	90 3.6	19.6 +- 0.6; 2.9	12.2 +- 0.7; 4.0	13.6 +- 2.5
17	98 10.0	21.2 +- 0.6; 3.2	13.6 +- 0.7; 4.2	15.4 +- 2.2
18	47 4.5	23.2 +- 0.7; 3.5	15.4 +- 0.7; 4.4	16.1 +- 2.1
19	23 1.5	21.3 +- 0.6; 3.2	13.8 +- 0.7; 4.2	13.4 +- 2.8
20	32 4.8	20.5 +- 0.6; 3.1	13.0 +- 0.7; 4.1	16.2 +- 2.4
21	29 7.0	20.2 +- 0.6; 3.0	12.7 +- 0.7; 4.1	15.2 +- 1.9
22	99 15.0	21.6 +- 0.6; 3.2	14.0 +- 0.7; 4.2	15.5 +- 2.3
23	98 18.0	21.5 +- 0.6; 3.2	13.9 +- 0.7; 4.2	15.4 +- 2.2
24	98 18.0	21.1 +- 0.6; 3.2	13.6 +- 0.7; 4.2	15.3 +- 2.3

Transit Dose = 6.0 +- 0.4; 3.4

PALISADES

For the period 911202-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	13.2 +- 0.5	3
33.76 - 56.25 NE	14.2 +- 1.7	2
56.26 - 78.75 ENE	12.4 +- 0.8	2
78.76 - 101.25 E	13.0 +- 0.8	3
101.26 - 123.75 ESE	13.2 +- 0.4	2
123.76 - 146.25 SE	13.1 +- 0.0	2
146.26 - 168.75 SSE	12.7 +- 0.0	1
168.76 - 191.25 S	12.9 +- 0.0	1
191.26 - 213.75 SSW	12.6 +- 0.9	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.9 +- 0.6	8
2 - 5	13.1 +- 1.0	9
> 5	13.2 +- 0.6	2
Upwind Control	13.8 +- 0.2	3

PALO VERDE
 TLD Direct Radiation Environmental Monitoring
 For the period 911201-920423 145 Days
 Field Time: 89 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	74	23.0	23.7 +- 0.7; 3.6	19.5 +- 0.8; 4.7	20.1 +- 1.7
2	92	21.0	24.9 +- 0.7; 3.7	20.6 +- 0.8; 4.8	21.1 +- 2.1
3	89	15.0	23.5 +- 0.7; 3.5	19.2 +- 0.8; 4.6	20.2 +- 2.0
4	103	11.0	23.0 +- 0.7; 3.4	18.7 +- 0.8; 4.6	20.6 +- 2.0
5	140	7.4	25.5 +- 0.8; 3.8	21.2 +- 0.9; 4.9	21.5 +- 2.0
6	142	3.1	25.1 +- 0.8; 3.8	20.8 +- 0.8; 4.8	20.6 +- 1.8
7	162	2.6	23.5 +- 0.7; 3.5	19.3 +- 0.8; 4.6	20.8 +- 1.9
8	168	2.6	25.4 +- 0.8; 3.8	21.2 +- 0.8; 4.9	20.8 +- 2.0
9	193	2.6	24.4 +- 0.7; 3.7	20.2 +- 0.8; 4.8	22.5 +- 1.9
10	215	3.1	25.1 +- 0.8; 3.8	20.9 +- 0.8; 4.8	22.2 +- 2.0
11	200	1.7	26.3 +- 0.8; 4.0	22.1 +- 0.9; 5.0	22.4 +- 2.0
12	214	1.0	25.8 +- 0.8; 3.9	21.6 +- 0.9; 4.9	21.5 +- 1.8
13	242	0.7	27.7 +- 0.8; 4.2	23.5 +- 0.9; 5.2	23.7 +- 2.2
14	263	0.6	25.7 +- 0.8; 3.9	21.5 +- 0.9; 4.9	22.1 +- 2.0
15	295	0.6	24.8 +- 0.7; 3.7	20.6 +- 0.8; 4.8	21.6 +- 2.0
16	325	1.0	25.1 +- 0.8; 3.8	20.9 +- 0.8; 4.8	21.7 +- 1.8
17	347	1.8	25.0 +- 0.8; 3.8	20.8 +- 0.8; 4.8	22.4 +- 1.9
18	0	2.4	26.9 +- 0.8; 4.0	22.7 +- 0.9; 5.1	23.1 +- 1.9
19	18	1.5	23.0 +- 0.7; 3.4	18.7 +- 0.8; 4.6	20.6 +- 1.8
20	37	2.0	23.8 +- 0.7; 3.6	19.5 +- 0.8; 4.7	21.6 +- 1.6
21	58	2.3	24.1 +- 0.7; 3.6	19.9 +- 0.8; 4.7	22.9 +- 2.0
22	75	2.8	25.7 +- 0.8; 3.9	21.5 +- 0.9; 4.9	23.1 +- 1.7
23	93	4.4	24.9 +- 0.7; 3.7	20.7 +- 0.8; 4.8	22.0 +- 2.0
24	101	3.3	26.0 +- 0.8; 3.9	21.8 +- 0.9; 4.9	21.9 +- 2.5
25	346	2.9	24.5 +- 0.7; 3.7	20.2 +- 0.8; 4.8	21.9 +- 1.9
26	334	4.3	28.2 +- 0.8; 4.2	24.0 +- 0.9; 5.2	24.3 +- 2.0
27	333	7.9	29.2 +- 0.9; 4.4	25.0 +- 1.0; 5.3	24.4 +- 2.5
28	0	7.0	24.5 +- 0.7; 3.7	20.3 +- 0.8; 4.8	22.8 +- 2.0
29	9	4.2	26.0 +- 0.8; 3.9	21.8 +- 0.9; 4.9	23.7 +- 2.0
30	27	3.6	25.2 +- 0.8; 3.8	20.9 +- 0.8; 4.8	23.4 +- 2.1
31	49	3.5	26.5 +- 0.8; 4.0	22.2 +- 0.9; 5.0	23.8 +- 1.9
32	120	3.3	27.1 +- 0.8; 4.1	22.9 +- 0.9; 5.1	24.3 +- 2.1

Transit Dose = 4.5 +- 0.4; 2.9

PALO VERDE
For the period 911201-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	21.6 +- 1.2	3
11.26 - 33.75 NNE	19.8 +- 1.6	2
33.76 - 56.25 NE	20.9 +- 1.9	2
56.26 - 78.75 ENE	20.7 +- 1.1	2
78.76 - 101.25 E	21.2 +- 0.8	2
101.26 - 123.75 ESE	20.8 +- 3.0	2
123.76 - 146.25 SE	21.0 +- 0.3	2
146.26 - 168.75 SSE	20.2 +- 1.3	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	21.1 +- 1.4	2
213.76 - 236.25 SW	21.2 +- 0.5	2
236.26 - 258.75 WSW	23.5 +- 0.0	1
258.76 - 281.25 W	21.5 +- 0.0	1
281.26 - 303.75 WNW	20.6 +- 0.0	1
303.76 - 326.25 NW	20.9 +- 0.0	1
326.26 - 348.75 NNW	22.5 +- 2.3	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	21.0 +- 1.4	9
2 - 5	21.3 +- 1.2	16
> 5	21.3 +- 2.7	4
Upwind Control	19.8 +- 0.8	3

MAP FOR PALO VERDE

Map will be provided for this site in the future.

PEACH BOTTOM
 TLD Direct Radiation Environmental Monitoring
 For the period 911204-920421 140 Days
 Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	330	10.3	20.1	+ 0.6; 3.0	14.7	+ 0.6; 4.0	15.5	+ 1.3
2	33	10.5	22.5	+ 0.7; 3.4	16.8	+ 0.7; 4.2	16.8	+ 1.4
3	21	4.8	22.7	+ 0.7; 3.4	17.0	+ 0.7; 4.2	18.0	+ 1.6
4	3	5.0	21.9	+ 0.7; 3.3	16.3	+ 0.7; 4.2	17.1	+ 1.6
5	344	4.1	23.0	+ 0.7; 3.5	17.3	+ 0.7; 4.3	17.2	+ 1.7
6	1	2.2	24.5	+ 0.7; 3.7	18.7	+ 0.7; 4.4	19.0	+ 1.6
7	26	2.4	Damaged Dosimeter		No Net Data		17.9	+ 1.5
8	55	2.8	23.5	+ 0.7; 3.5	17.8	+ 0.7; 4.3	18.7	+ 1.6
9	42	2.0	21.8	+ 0.7; 3.3	16.2	+ 0.7; 4.2	17.1	+ 1.4
10	62	1.7	23.4	+ 0.7; 3.5	17.6	+ 0.7; 4.3	18.6	+ 2.8
11	96	1.9	23.6	+ 0.7; 3.5	17.9	+ 0.7; 4.3	19.2	+ 1.6
12	105	2.3	19.6	+ 0.6; 2.9	14.2	+ 0.6; 3.9	14.0	+ 1.0
13	72	5.0	22.0	+ 0.7; 3.3	16.4	+ 0.7; 4.2	15.7	+ 1.7
14	85	4.6	24.1	+ 0.7; 3.6	18.3	+ 0.7; 4.4	18.6	+ 1.8
15	109	4.3	24.8	+ 0.7; 3.7	19.0	+ 0.8; 4.5	19.1	+ 1.7
16	130	4.6	18.8	+ 0.6; 2.8	13.5	+ 0.6; 3.9	13.7	+ 1.7
17	157	8.9	20.5	+ 0.6; 3.1	15.0	+ 0.6; 4.0	15.4	+ 1.6
18	163	4.6	21.7	+ 0.6; 3.2	16.1	+ 0.7; 4.1	16.5	+ 1.4
19	183	3.9	23.6	+ 0.7; 3.5	17.9	+ 0.7; 4.3	18.9	+ 1.4
20	201	4.8	24.0	+ 0.7; 3.6	18.3	+ 0.7; 4.4	18.7	+ 1.9
21	196	2.3	25.4	+ 0.8; 3.8	19.5	+ 0.8; 4.5	19.1	+ 1.7
22	182	1.7	25.4	+ 0.8; 3.8	19.5	+ 0.8; 4.5	18.6	+ 1.4
23	157	1.8	27.5	+ 0.8; 4.1	21.4	+ 0.8; 4.7	21.5	+ 2.1
24	219	1.8	26.4	+ 0.8; 4.0	20.4	+ 0.8; 4.6	20.5	+ 1.7
25	249	1.7	27.2	+ 0.8; 4.1	21.1	+ 0.8; 4.7	19.3	+ 1.6
26	269	1.8	26.8	+ 0.8; 4.0	20.8	+ 0.8; 4.7	20.1	+ 1.7
27	286	1.9	22.8	+ 0.7; 3.4	17.2	+ 0.7; 4.3	17.5	+ 1.1
28	323	1.8	21.4	+ 0.6; 3.2	15.8	+ 0.7; 4.1	16.0	+ 1.7
29	286	3.6	26.7	+ 0.8; 4.0	20.7	+ 0.8; 4.7	21.1	+ 1.5
30	262	4.0	27.2	+ 0.8; 4.1	21.1	+ 0.8; 4.7	20.5	+ 1.8
31	261	9.9	26.6	+ 0.8; 4.0	20.6	+ 0.8; 4.6	21.2	+ 1.6
32	247	3.2	23.1	+ 0.7; 3.5	17.4	+ 0.7; 4.3	18.5	+ 1.4
33	235	3.6	18.4	+ 0.6; 2.8	13.1	+ 0.6; 3.8	14.0	+ 1.6
34	319	4.9	Damaged Dosimeter		No Net Data		19.6	+ 1.6
35	149	0.7	21.5	+ 0.6; 3.2	15.9	+ 0.7; 4.1	17.7	+ 1.4
36	147	17.9	19.7	+ 0.6; 3.0	14.3	+ 0.6; 4.0	13.8	+ 1.2
37	147	17.9	19.4	+ 0.6; 2.9	14.1	+ 0.6; 3.9	14.7	+ 1.6
38	147	17.9	20.3	+ 0.6; 3.0	14.9	+ 0.6; 4.0	14.4	+ 1.3

Transit Dose = 3.9 +- 0.4; 3.2

PEACH BOTTOM
For the period 911204-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.5 +- 1.7	2
11.26 - 33.75 NNE	16.9 +- 0.1	2
33.76 - 56.25 NE	17.0 +- 1.1	2
56.26 - 78.75 ENE	17.0 +- 0.9	2
78.76 - 101.25 E	18.1 +- 0.3	2
101.26 - 123.75 ESE	16.6 +- 3.4	2
123.76 - 146.25 SE	13.5 +- 0.0	1
146.26 - 168.75 SSE	17.1 +- 2.9	4
168.76 - 191.25 S	18.7 +- 1.2	2
191.26 - 213.75 SSW	18.9 +- 0.9	2
213.76 - 236.25 SW	16.8 +- 5.2	2
236.26 - 258.75 WSW	19.3 +- 2.7	2
258.76 - 281.25 W	20.8 +- 0.3	3
281.26 - 303.75 WNW	18.9 +- 2.5	2
303.76 - 326.25 NW	15.8 +- 0.0	1
326.26 - 348.75 NNW	16.0 +- 1.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.5 +- 2.2	11
2 - 5	17.4 +- 2.2	18
> 5	16.8 +- 2.7	4
Upwind Control	14.4 +- 0.4	3

MAP FOR PEACH BOTTOM

Map will be provided for this site in the future.

PERRY

TLD Direct Radiation Environmental Monitoring
 For the period 911202-920430 151 Days
 Field Time: 100 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist/ (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	72	5.0	23.1	+- 0.7; 3.5	15.6	+- 0.7; 4.3	16.2	+- 2.2
3	88	5.5	22.1	+- 0.7; 3.3	14.8	+- 0.7; 4.3	16.2	+- 2.2
4	112	6.0	23.8	+- 0.7; 3.6	16.3	+- 0.7; 4.4	17.0	+- 2.3
5	130	4.0	23.0	+- 0.7; 3.4	15.6	+- 0.7; 4.3	17.0	+- 2.5
6	155	5.0	26.5	+- 0.8; 4.0	18.7	+- 0.8; 4.7	19.9	+- 1.6
7	178	5.2	24.0	+- 0.7; 3.6	16.4	+- 0.7; 4.4	17.8	+- 2.0
8	205	4.6	21.3	+- 0.6; 3.2	14.1	+- 0.7; 4.2	17.7	+- 3.6
9	220	5.2	23.3	+- 0.7; 3.5	15.9	+- 0.7; 4.4	16.2	+- 2.1
10	225	7.4	24.9	+- 0.7; 3.7	17.2	+- 0.8; 4.5	17.7	+- 2.3
11	240	5.8	26.6	+- 0.8; 4.0	18.8	+- 0.8; 4.7	18.8	+- 2.3
12	225	19.0	21.4	+- 0.6; 3.2	14.1	+- 0.7; 4.2	16.7	+- 2.5
13	225	19.0	22.9	+- 0.7; 3.4	15.5	+- 0.7; 4.3	16.0	+- 2.4
14	212	12.0	27.7	+- 0.8; 4.2	19.8	+- 0.8; 4.8	22.0	+- 2.3
15	248	1.4	21.7	+- 0.7; 3.3	14.4	+- 0.7; 4.2	16.2	+- 2.3
16	225	0.8	21.8	+- 0.7; 3.3	14.5	+- 0.7; 4.2	16.4	+- 3.4
17	205	0.7	20.7	+- 0.6; 3.1	13.5	+- 0.7; 4.1	14.1	+- 2.1
18	180	0.8	22.5	+- 0.7; 3.4	15.1	+- 0.7; 4.3	15.6	+- 2.4
19	152	1.8	23.5	+- 0.7; 3.5	16.0	+- 0.7; 4.4	16.5	+- 2.4
20	123	1.6	20.8	+- 0.6; 3.1	13.6	+- 0.7; 4.1	14.5	+- 2.3
21	105	1.4	21.0	+- 0.5; 3.2	13.8	+- 0.7; 4.2	14.8	+- 2.2
22	85	1.2	22.7	+- 0.7; 3.4	15.3	+- 0.7; 4.3	16.8	+- 3.5
23	65	1.4	22.9	+- 0.7; 3.4	15.5	+- 0.7; 4.3	16.3	+- 2.4
24	40	0.6	21.6	+- 0.6; 3.2	14.3	+- 0.7; 4.2	15.7	+- 2.4
25	40	0.6	22.7	+- 0.7; 3.4	15.3	+- 0.7; 4.3	18.1	+- 3.8
26	182	2.8	22.4	+- 0.7; 3.4	15.1	+- 0.7; 4.3	17.2	+- 3.5
27	175	2.8	22.5	+- 0.7; 3.4	15.1	+- 0.7; 4.3	16.8	+- 3.4

Transit Dose = 5.7 +- 0.4; 3.4

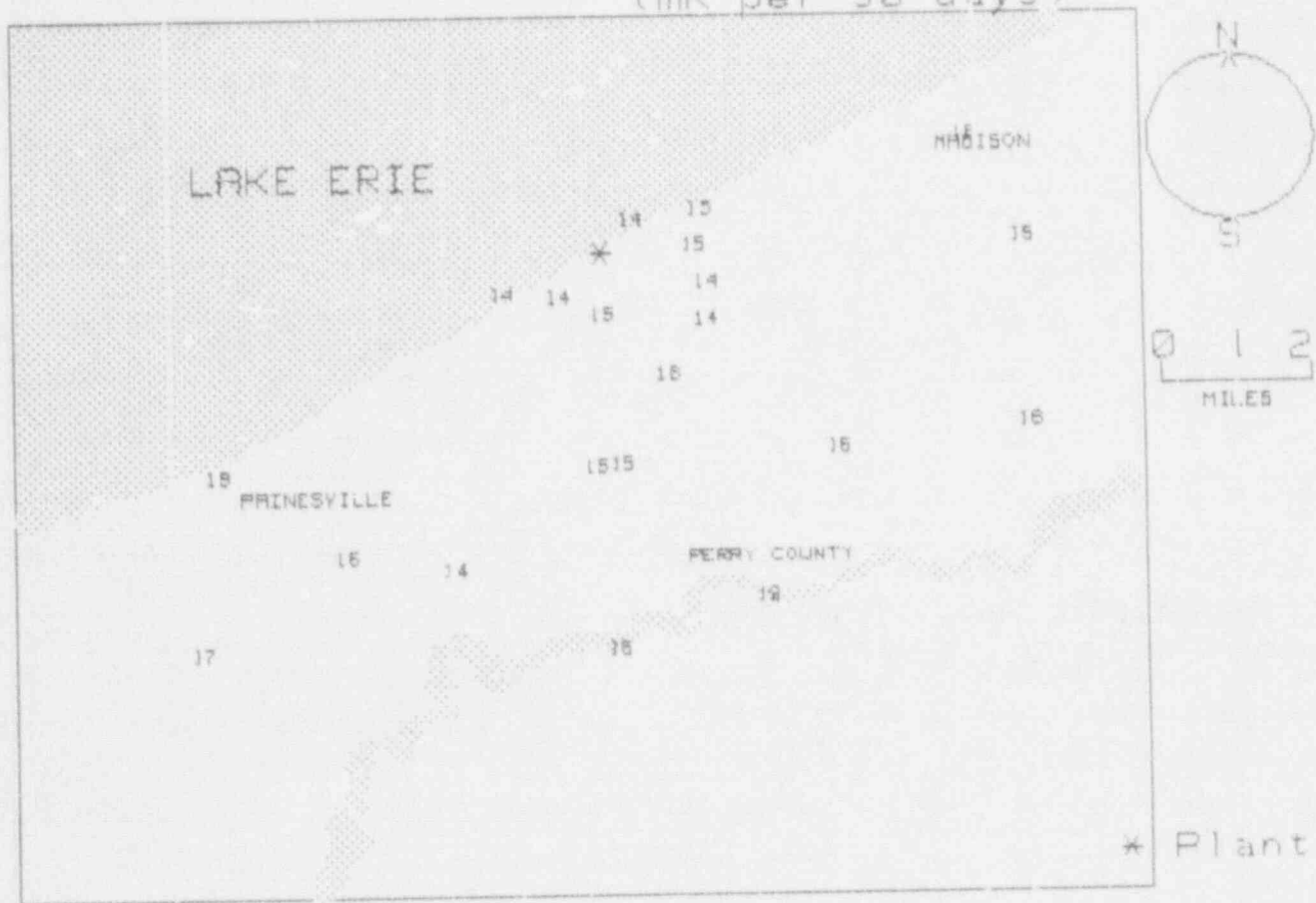
PERRY
For the period 911202-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	14.8 +- 0.7	2
56.26 - 78.75 ENE	15.5 +- 0.1	2
78.76 - 101.25 E	15.1 +- 0.4	2
101.26 - 123.75 ESE	14.6 +- 1.5	3
123.76 - 146.25 SE	15.6 +- 0.0	1
146.26 - 168.75 SSE	17.4 +- 1.9	2
168.76 - 191.25 S	15.4 +- 0.7	4
191.26 - 213.75 SSW	13.8 +- 0.4	2
213.76 - 236.25 SW	15.9 +- 1.4	3
236.26 - 258.75 WSW	16.6 +- 3.1	2
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.7 +- 0.8	11
2 - 5	15.7 +- 1.6	6
> 5	16.6 +- 1.4	6
Upwind Control	16.5 +- 3.0	3

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



PILGRIM

TLD Direct Radiation Environmental Monitoring

For the period 911205-920423 141 Days

Field Time: 87 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	288 0.1	111.3 +- 3.3; 16.7	102.8 +- 3.5; 17.7	35.6 +- 17.3
2	310 0.2	28.3 +- 0.9; 4.3	17.0 +- 1.1; 5.8	16.8 +- 4.4
5	289 0.7	25.0 +- 0.8; 3.8	13.6 +- 1.0; 5.4	17.2 +- 4.1
6	261 1.7	24.9 +- 0.7; 3.7	13.4 +- 1.0; 5.4	15.1 +- 4.0
7	270 0.5	28.4 +- 0.9; 4.3	17.1 +- 1.1; 5.8	19.1 +- 4.4
8	247 0.3	27.6 +- 0.8; 4.1	16.3 +- 1.0; 5.7	16.9 +- 3.6
9	224 0.3	28.4 +- 0.9; 4.3	17.1 +- 1.1; 5.8	15.5 +- 4.3
10	205 0.3	28.9 +- 0.9; 4.3	17.6 +- 1.1; 5.9	16.9 +- 4.8
11	184 0.3	Damaged Dosimeter	No Net Data	18.3 +- 4.7
12	159 0.4	26.3 +- 0.8; 3.9	14.9 +- 1.0; 5.6	16.7 +- 3.5
13	146 0.7	24.2 +- 0.7; 3.6	12.8 +- 1.0; 5.3	14.1 +- 3.4
14	155 1.0	24.1 +- 0.7; 3.6	12.6 +- 1.0; 5.3	15.8 +- 4.2
16	136 1.3	23.6 +- 0.7; 3.5	12.1 +- 0.9; 5.3	14.3 +- 3.3
18	212 0.8	21.7 +- 0.6; 3.2	10.1 +- 0.9; 5.1	15.0 +- 5.4
19	232 1.0	24.7 +- 0.7; 3.7	13.2 +- 1.0; 5.4	14.0 +- 3.5
21	256 1.6	22.3 +- 0.7; 3.3	10.8 +- 0.9; 5.1	13.9 +- 3.7
22	130 2.5	25.6 +- 0.8; 3.8	14.1 +- 1.0; 5.5	14.3 +- 3.6
23	146 3.4	21.8 +- 0.7; 3.7	10.2 +- 0.9; 5.1	14.1 +- 3.6
25	168 1.5	24.2 +- 0.7; 3.6	12.8 +- 1.0; 5.3	14.4 +- 3.4
26	180 1.3	23.1 +- 0.7; 3.5	11.7 +- 0.9; 5.2	12.6 +- 3.7
27	231 1.8	24.2 +- 0.7; 3.6	12.7 +- 1.0; 5.3	13.8 +- 3.3
30	153 2.2	26.6 +- 0.8; 4.0	15.2 +- 1.0; 5.6	16.3 +- 3.2
31	179 2.5	21.4 +- 0.6; 3.2	9.9 +- 0.9; 5.0	13.6 +- 3.4
32	217 2.6	21.7 +- 0.6; 3.2	10.1 +- 0.9; 5.1	12.4 +- 3.2
33	234 2.5	24.5 +- 0.7; 3.7	13.0 +- 1.0; 5.4	14.3 +- 3.5
37	264 4.2	26.3 +- 0.8; 4.0	15.0 +- 1.0; 5.6	14.5 +- 3.7
38	152 3.5	22.2 +- 0.7; 3.3	10.7 +- 0.9; 5.1	13.7 +- 3.8
39	155 5.3	22.6 +- 0.7; 3.4	11.1 +- 0.9; 5.2	12.4 +- 3.7
40	272 4.6	25.9 +- 0.8; 3.9	14.6 +- 1.0; 5.5	15.3 +- 3.4
42	281 4.6	24.1 +- 0.7; 3.6	12.7 +- 1.0; 5.3	13.5 +- 3.4
43	291 5.8	27.1 +- 0.8; 4.1	15.7 +- 1.0; 5.7	16.1 +- 3.5
45	197 6.0	21.9 +- 0.7; 3.3	10.4 +- 0.9; 5.1	13.3 +- 4.0
47	301 26.0	25.4 +- 0.8; 3.8	14.0 +- 1.0; 5.5	15.3 +- 3.5
48	301 26.0	26.8 +- 0.8; 4.0	15.5 +- 1.0; 5.6	15.7 +- 3.5
49	301 26.0	24.9 +- 0.7; 3.7	13.5 +- 1.0; 5.4	14.9 +- 3.5

Transit Dose = 11.9 +- 0.6; 3.7

PILGRIM

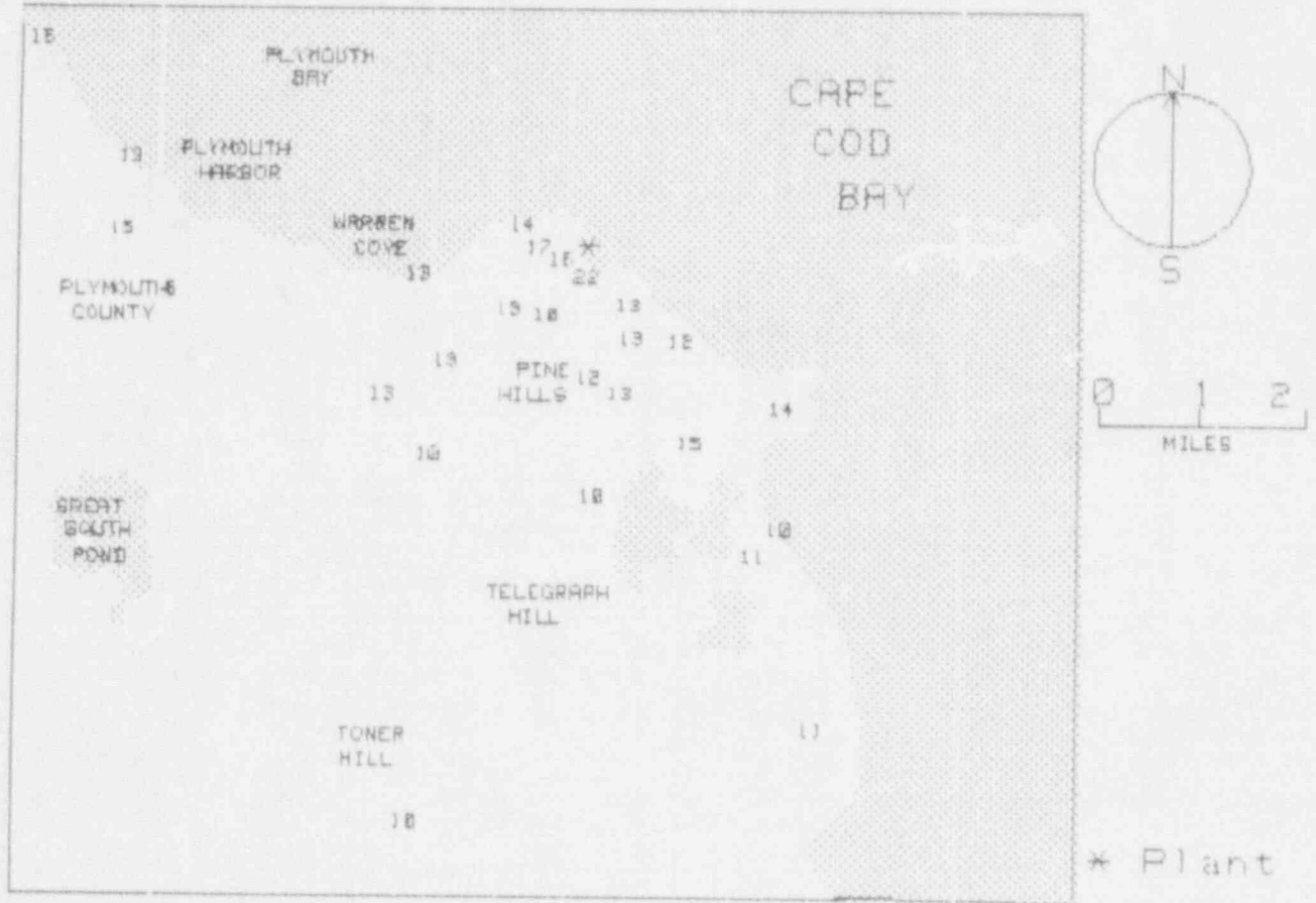
For the period 911205-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	12.3 +- 1.6	4
146.26 - 168.75 SSE	12.9 +- 1.9	6
168.76 - 191.25 S	10.8 +- 1.3	2
191.26 - 213.75 SSW	12.7 +- 4.2	3
213.76 - 236.25 SW	13.2 +- 2.5	5
236.26 - 258.75 WSW	13.5 +- 3.9	2
258.76 - 281.25 W	14.5 +- 1.7	5
281.26 - 303.75 WNW	44.1 +- 50.9	3
303.76 - 326.25 NW	17.0 +- 0.0	1
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.8 +- 21.1	18
2 - 5	12.5 +- 2.2	10
> 5	12.4 +- 2.9	3
Upwind Control	14.3 +- 1.0	3

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



PRAIRIE ISLAND
 TLD Direct Radiation Environmental Monitoring
 For the period 911202-920430 151 Days
 Field Time: 91 Days

NRC Sta	Location		Gross	Net Exposure Rate		Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev
1	312	16.5	22.5 +- 0.7; 3.4	14.1 +- 0.8; 4.7		18.2 +- 2.1
2	310	15.0	22.0 +- 0.7; 3.3	13.5 +- 0.8; 4.7		17.5 +- 2.3
3	310	15.0	22.9 +- 0.7; 3.4	14.4 +- 0.8; 4.8		17.5 +- 2.4
4	308	5.5	23.0 +- 0.7; 3.5	14.6 +- 0.8; 4.8		17.7 +- 1.9
5	297	4.1	22.5 +- 0.7; 3.4	14.0 +- 0.8; 4.7		16.4 +- 2.1
6	287	1.3	22.5 +- 0.7; 3.4	14.1 +- 0.8; 4.7		17.4 +- 2.1
7	313	0.8	21.2 +- 0.6; 3.2	12.8 +- 0.8; 4.6		15.4 +- 1.9
8	244	0.5	23.0 +- 0.7; 3.5	14.6 +- 0.8; 4.8		16.7 +- 2.2
9	194	0.6	23.4 +- 0.7; 3.5	15.0 +- 0.8; 4.8		17.0 +- 1.8
10	155	0.5	23.0 +- 0.7; 3.5	14.6 +- 0.8; 4.8		17.7 +- 2.0
11	129	1.6	21.2 +- 0.6; 3.2	12.8 +- 0.8; 4.6		16.0 +- 1.9
12	153	1.4	22.7 +- 0.7; 3.4	14.2 +- 0.8; 4.7		16.7 +- 1.7
13	217	0.6	23.3 +- 0.7; 3.5	14.8 +- 0.8; 4.8		17.0 +- 2.0
14	178	0.8	22.5 +- 0.7; 3.4	14.0 +- 0.8; 4.7		16.9 +- 2.0
15	272	1.9	22.7 +- 0.7; 3.4	14.3 +- 0.8; 4.7		16.2 +- 2.1
16	262	4.6	22.2 +- 0.7; 3.3	13.8 +- 0.8; 4.7		18.2 +- 2.6
17	250	4.3	23.4 +- 0.7; 3.5	15.0 +- 0.8; 4.8		17.8 +- 2.1
18	225	4.1	22.9 +- 0.7; 3.4	14.5 +- 0.8; 4.8		17.8 +- 3.1
19	233	6.7	Missing Dosimeter	No Net Data		16.0 +- 2.2
20	200	4.9	24.8 +- 0.7; 3.7	16.3 +- 0.9; 5.0		18.9 +- 2.3
21	187	4.7	25.7 +- 0.8; 3.9	17.2 +- 0.9; 5.1		19.3 +- 2.5
22	160	4.4	22.9 +- 0.7; 3.4	14.4 +- 0.8; 4.8		17.8 +- 2.2
23	140	4.7	24.0 +- 0.7; 3.6	15.6 +- 0.9; 4.9		18.3 +- 2.2
24	131	6.6	23.1 +- 0.7; 3.5	14.6 +- 0.8; 4.8		17.6 +- 2.1
25	117	4.9	23.1 +- 0.7; 3.5	14.6 +- 0.8; 4.8		16.6 +- 2.0
26	88	1.9	23.0 +- 0.7; 3.4	14.5 +- 0.8; 4.8		17.1 +- 1.9
27	69	1.8	22.0 +- 0.7; 3.3	13.5 +- 0.8; 4.7		17.1 +- 2.3
28	47	1.6	22.3 +- 0.7; 3.4	13.9 +- 0.8; 4.7		17.4 +- 2.3
29	19	1.5	23.2 +- 0.7; 3.5	14.8 +- 0.8; 4.8		16.1 +- 2.2
30	356	1.9	22.1 +- 0.7; 3.3	13.7 +- 0.8; 4.7		16.6 +- 2.4
31	346	2.4	24.7 +- 0.7; 3.7	16.2 +- 0.9; 5.0		18.6 +- 2.4
32	340	3.8	23.9 +- 0.7; 3.6	15.5 +- 0.9; 4.9		20.2 +- 4.3
33	8	4.6	24.2 +- 0.7; 3.6	15.7 +- 0.9; 4.9		19.5 +- 2.3
34	17	4.7	24.7 +- 0.7; 3.7	16.2 +- 0.9; 5.0		19.2 +- 2.4
35	45	11.0	22.8 +- 0.7; 3.4	14.3 +- 0.8; 4.8		17.2 +- 1.9
36	48	4.7	24.4 +- 0.7; 3.7	15.9 +- 0.9; 4.9		19.0 +- 2.3
37	61	4.2	25.2 +- 0.8; 3.8	16.7 +- 0.9; 5.0		19.3 +- 2.1
38	86	4.9	24.3 +- 0.7; 3.6	15.8 +- 0.9; 4.9		18.9 +- 2.3
39	107	9.1	22.9 +- 0.7; 3.4	14.5 +- 0.8; 4.8		16.8 +- 2.1
40	111	3.7	22.4 +- 0.7; 3.4	14.0 +- 0.8; 4.7		16.9 +- 2.0

Transit Dose = 8.3 +- 0.5; 3.4

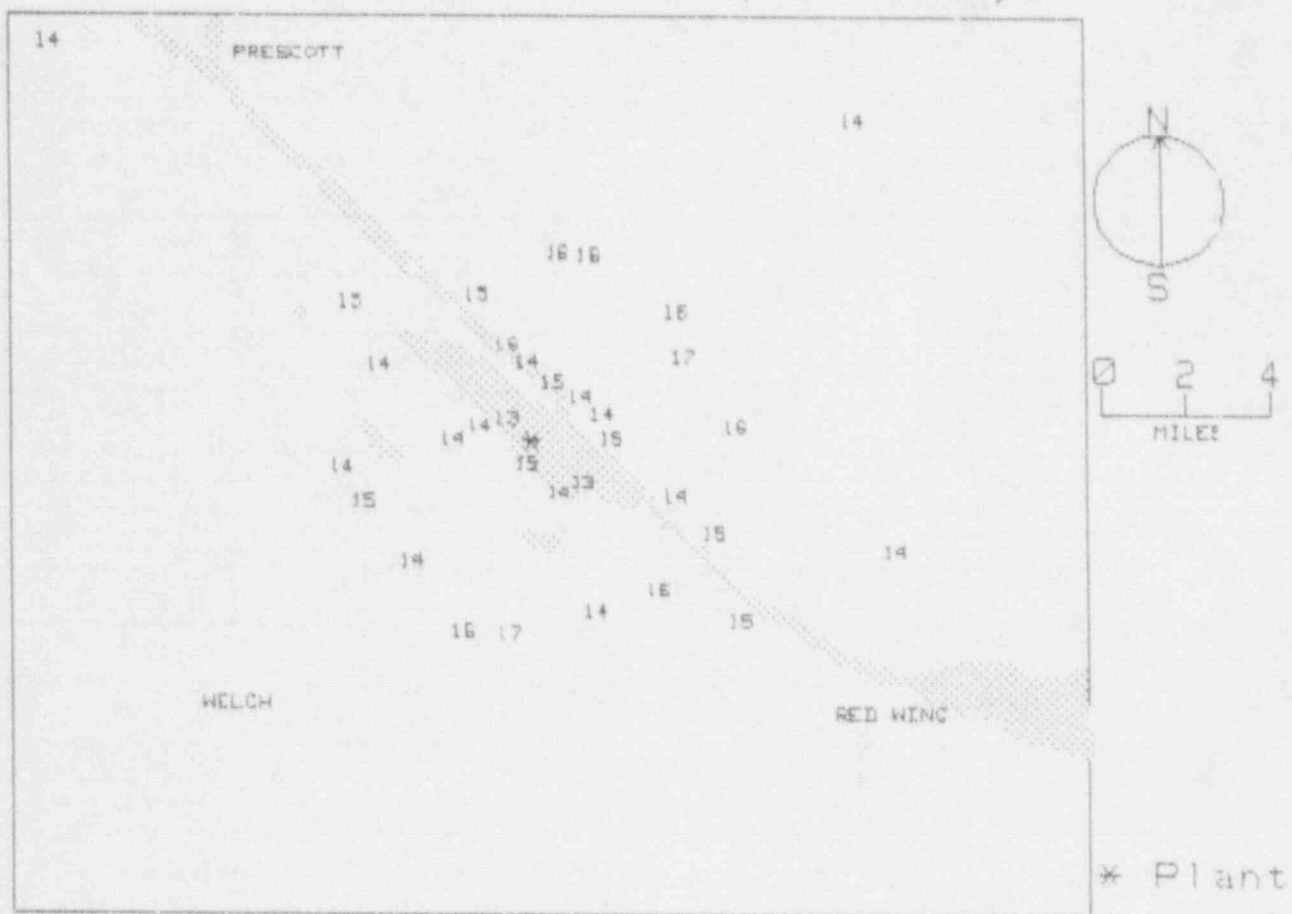
PRAIRIE ISLAND
For the period 911202-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.7 +- 1.5	2
11.26 - 33.75 NNE	15.5 +- 1.0	2
33.76 - 56.25 NE	14.7 +- 1.1	3
56.26 - 78.75 ENE	15.1 +- 2.3	2
78.76 - 101.25 E	15.2 +- 0.9	2
101.26 - 123.75 ESE	14.3 +- 0.3	3
123.76 - 146.25 SE	14.3 +- 1.4	3
146.26 - 168.75 SSE	14.4 +- 0.2	3
168.76 - 191.25 S	15.6 +- 2.3	2
191.26 - 213.75 SSW	15.6 +- 0.9	2
213.76 - 236.25 SW	14.6 +- 0.2	2
236.26 - 258.75 WSW	14.8 +- 0.3	2
258.76 - 281.25 W	14.0 +- 0.3	2
281.26 - 303.75 WNW	14.0 +- 0.1	2
303.76 - 326.25 NW	13.7 +- 1.3	2
326.26 - 348.75 NNW	15.9 +- 0.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.1 +- 0.7	15
2 - 5	15.4 +- 1.0	17
> 5	14.5 +- 0.1	4
Upwind Control	14.0 +- 0.4	3

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



QUAD CITIES

TLD Direct Radiation Environmental Monitoring
 For the period 911202-920422 143 Days
 Field Time: 84 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	3	0.7	18.1	+- 0.5; 2.7	15.0	+- 0.7; 4.1	15.2	+- 1.7
2	16	1.2	19.0	+- 0.6; 2.8	16.0	+- 0.7; 4.3	17.8	+- 2.2
3	35	1.7	18.9	+- 0.6; 2.8	16.0	+- 0.7; 4.2	15.2	+- 1.7
4	45	1.1	19.0	+- 0.6; 2.8	16.0	+- 0.7; 4.3	16.0	+- 1.6
5	90	0.8	18.0	+- 0.5; 2.7	15.0	+- 0.7; 4.1	15.8	+- 1.7
6	138	1.1	18.8	+- 0.6; 2.8	15.9	+- 0.7; 4.2	16.5	+- 1.7
7	175	1.8	19.4	+- 0.6; 2.9	16.5	+- 0.7; 4.3	16.7	+- 1.7
8	165	2.0	19.9	+- 0.6; 3.0	17.0	+- 0.7; 4.4	16.5	+- 1.6
9	186	3.1	18.7	+- 0.6; 2.8	15.7	+- 0.7; 4.2	16.0	+- 1.6
10	188	7.7	16.1	+- 0.5; 2.4	13.7	+- 0.6; 3.9	17.3	+- 4.5
11	156	4.2	20.0	+- 0.6; 3.0	17.1	+- 0.7; 4.4	17.0	+- 1.7
12	142	4.8	19.2	+- 0.6; 2.9	16.2	+- 0.7; 4.3	16.7	+- 2.0
13	123	3.3	19.1	+- 0.6; 2.9	16.2	+- 0.7; 4.3	16.3	+- 1.8
14	122	2.0	18.7	+- 0.6; 2.8	15.7	+- 0.7; 4.2	15.1	+- 1.9
15	86	2.8	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.4	17.4	+- 1.7
16	57	4.4	22.0	+- 0.7; 3.3	19.2	+- 0.8; 4.6	19.2	+- 1.8
17	48	6.1	19.5	+- 0.6; 2.9	16.6	+- 0.7; 4.3	16.6	+- 1.7
18	39	9.4	19.2	+- 0.6; 2.9	16.3	+- 0.7; 4.3	15.8	+- 1.4
19	34	4.7	20.1	+- 0.6; 3.0	17.2	+- 0.7; 4.4	15.6	+- 1.7
20	16	4.3	19.6	+- 0.6; 2.9	16.7	+- 0.7; 4.3	16.7	+- 1.9
21	352	4.2	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.4	19.2	+- 2.9
22	328	4.1	21.2	+- 0.6; 3.2	18.4	+- 0.8; 4.5	18.8	+- 1.9
23	337	5.7	19.3	+- 0.6; 2.9	16.4	+- 0.7; 4.3	17.2	+- 1.7
24	310	4.4	21.5	+- 0.6; 3.2	18.7	+- 0.8; 4.6	18.5	+- 2.0
25	295	4.1	19.1	+- 0.6; 2.9	16.1	+- 0.7; 4.3	16.5	+- 1.8
26	278	6.9	Missing Dosimeter		No Net Data		14.6	+- 1.8
27	260	4.3	18.5	+- 0.6; 2.8	15.5	+- 0.7; 4.2	16.4	+- 1.9
28	253	4.0	19.9	+- 0.6; 3.0	17.0	+- 0.7; 4.4	16.9	+- 1.9
29	352	2.8	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.4	17.6	+- 2.0
30	335	1.9	20.8	+- 0.6; 3.1	18.0	+- 0.8; 4.5	17.2	+- 1.8
31	305	2.6	20.0	+- 0.6; 3.0	17.1	+- 0.7; 4.4	17.6	+- 2.3
32	285	2.5	Missing Dosimeter		No Net Data		15.5	+- 2.4
33	257	2.0	20.6	+- 0.6; 3.1	17.8	+- 0.8; 4.4	16.9	+- 2.4
34	248	2.2	19.9	+- 0.6; 3.0	17.0	+- 0.7; 4.4	16.9	+- 1.6
35	229	2.6	19.5	+- 0.6; 2.9	16.6	+- 0.7; 4.3	15.9	+- 1.9
36	204	3.1	19.1	+- 0.6; 2.9	16.1	+- 0.7; 4.3	16.7	+- 2.6
37	194	9.3	19.8	+- 0.6; 3.0	16.9	+- 0.7; 4.3	17.0	+- 3.5
38	224	4.9	20.8	+- 0.6; 3.1	18.0	+- 0.8; 4.5	17.5	+- 2.2
39	301	14.0	18.9	+- 0.6; 2.8	15.9	+- 0.7; 4.2	15.8	+- 1.8
40	301	14.0	18.7	+- 0.6; 2.8	15.7	+- 0.7; 4.2	15.6	+- 2.0
41	301	14.0	18.0	+- 0.5; 2.7	15.0	+- 0.7; 4.1	15.2	+- 1.9

Transit Dose = 4.0 +- 0.3; 2.8

QUAD CITIES

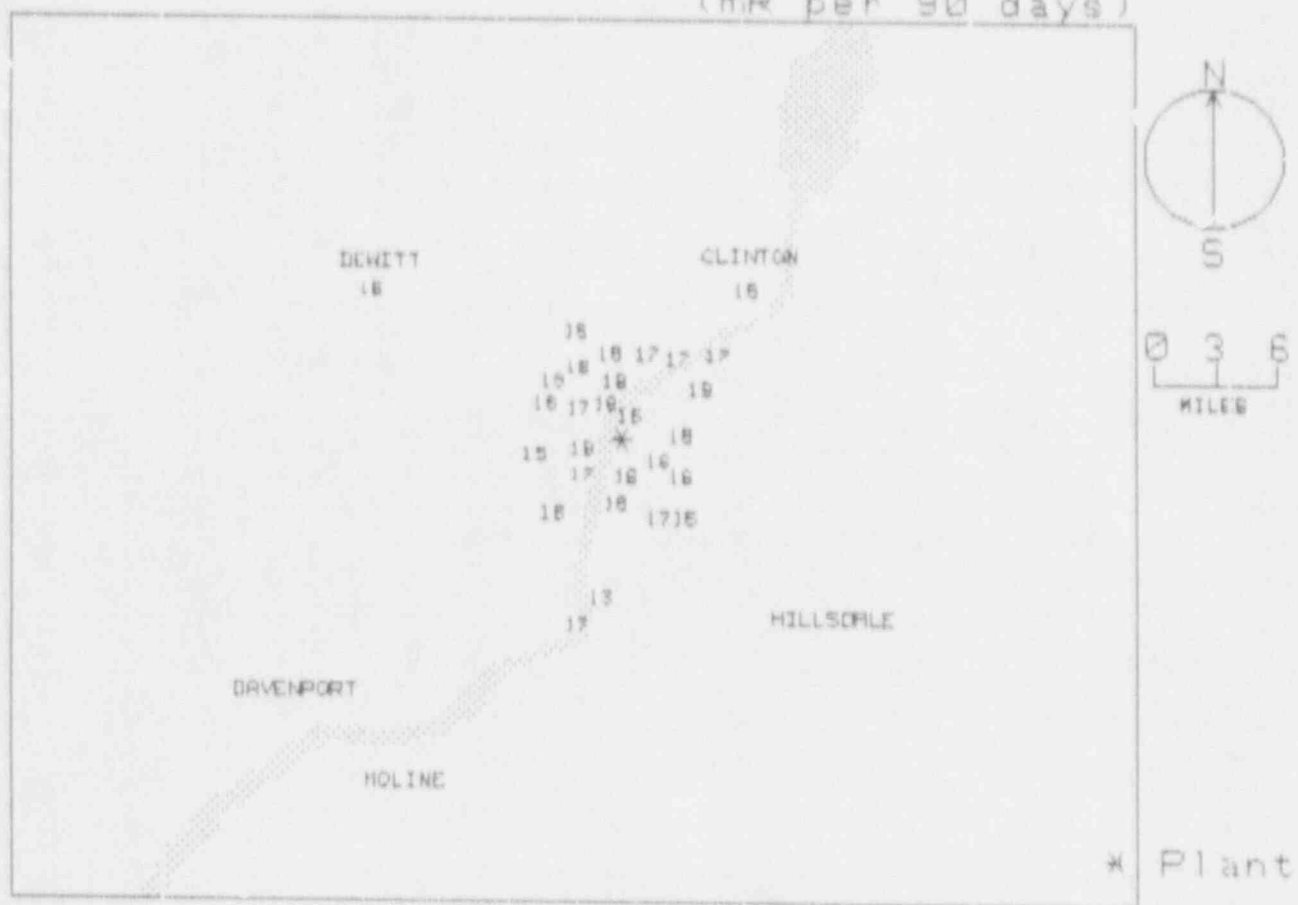
For the period 911202-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.8 +- 1.5	3
11.26 - 33.75 NNE	16.4 +- 0.5	2
33.76 - 56.25 NE	16.4 +- 0.5	5
55.26 - 78.75 ENE	19.2 +- 0.0	1
78.76 - 101.25 E	16.3 +- 1.9	2
101.26 - 123.75 ESE	15.9 +- 0.3	2
123.76 - 146.25 SE	16.0 +- 0.2	2
146.26 - 168.75 SSE	17.1 +- 0.1	2
168.76 - 191.25 S	15.0 +- 1.8	3
191.26 - 213.75 SSW	16.5 +- 0.5	2
213.76 - 236.25 SW	17.3 +- 1.0	2
236.26 - 258.75 WSW	17.3 +- 0.5	3
258.76 - 281.25 W	15.5 +- 0.0	1
281.26 - 303.75 WNW	16.1 +- 0.0	1
303.76 - 326.25 NW	17.9 +- 1.1	2
326.26 - 348.75 NNW	17.6 +- 1.1	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 1.0	11
2 - 5	17.1 +- 1.0	20
> 5	15.8 +- 1.6	5
Upwind Control	15.5 +- 0.5	3

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



RANCHO SECO
 TLD Direct Radiation Environmental Monitoring
 For the period 911201-920423 145 Days
 Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	288	16.0	21.4	+ 0.6; 3.2	16.1	+ 0.8; 4.7	16.3	+ 3.3
2	239	12.0	22.2	+ 0.7; 3.3	16.9	+ 0.8; 4.7	18.0	+ 1.9
3	213	16.0	24.3	+ 0.7; 3.6	19.2	+ 0.9; 5.0	18.9	+ 1.9
4	149	9.9	20.9	+ 0.6; 3.1	15.6	+ 0.8; 4.6	17.0	+ 2.8
5	108	8.2	26.0	+ 0.8; 3.9	21.0	+ 0.9; 5.2	22.9	+ 2.2
6	86	10.0	19.1	+ 0.6; 2.9	13.7	+ 0.7; 4.4	15.0	+ 2.2
7	83	9.7	21.2	+ 0.6; 3.2	15.9	+ 0.8; 4.6	14.6	+ 1.7
8	37	7.1	19.9	+ 0.6; 3.0	14.5	+ 0.8; 4.5	15.0	+ 2.0
9	65	0.8	21.6	+ 0.6; 3.2	16.3	+ 0.8; 4.7	15.8	+ 2.1
10	43	0.7	21.6	+ 0.6; 3.2	16.4	+ 0.8; 4.7	17.0	+ 2.5
11	92	0.2	20.5	+ 0.6; 3.1	15.2	+ 0.8; 4.5	15.6	+ 2.1
12	131	1.6	19.7	+ 0.6; 3.0	14.4	+ 0.8; 4.5	14.6	+ 1.7
13	358	0.6	21.4	+ 0.6; 3.2	16.2	+ 0.8; 4.7	17.5	+ 2.1
14	323	0.7	21.1	+ 0.6; 3.2	15.8	+ 0.8; 4.6	16.3	+ 1.9
15	151	0.7	23.2	+ 0.7; 3.5	18.0	+ 0.8; 4.9	15.5	+ 1.8
16	219	0.9	21.9	+ 0.7; 3.3	16.6	+ 0.8; 4.7	16.3	+ 1.9
17	245	1.5	21.4	+ 0.6; 3.2	16.1	+ 0.8; 4.6	15.1	+ 1.7
18	254	2.3	20.2	+ 0.6; 3.0	14.8	+ 0.8; 4.5	15.0	+ 1.6
19	323	7.0	21.3	+ 0.6; 3.2	16.0	+ 0.8; 4.6	16.8	+ 2.1
20	309	6.3	23.2	+ 0.7; 3.5	18.0	+ 0.8; 4.9	17.1	+ 2.2
21	279	5.7	21.7	+ 0.7; 3.3	16.4	+ 0.8; 4.7	16.1	+ 2.0
22	244	6.4	21.9	+ 0.7; 3.3	16.6	+ 0.8; 4.7	17.4	+ 1.8
23	217	4.6	21.6	+ 0.6; 3.2	16.4	+ 0.8; 4.7	16.4	+ 1.9
24	350	11.0	20.8	+ 0.6; 3.1	15.5	+ 0.8; 4.6	16.6	+ 1.9
25	318	17.0	22.7	+ 0.7; 3.4	17.5	+ 0.8; 4.8	17.2	+ 1.9
26	311	22.0	Missing Dosimeter		No Net Data		17.4	+ 1.9
27	306	27.0	21.7	+ 0.6; 3.2	16.4	+ 0.8; 4.7	15.7	+ 2.0
28	306	27.0	21.4	+ 0.6; 3.2	16.2	+ 0.8; 4.7	15.8	+ 1.5
29	306	27.0	20.8	+ 0.6; 3.1	15.5	+ 0.8; 4.6	16.1	+ 2.7
30	306	27.0	20.6	+ 0.6; 3.1	15.3	+ 0.8; 4.6	15.4	+ 2.1

Transit Dose = 6.2 + 0.4; 3.0

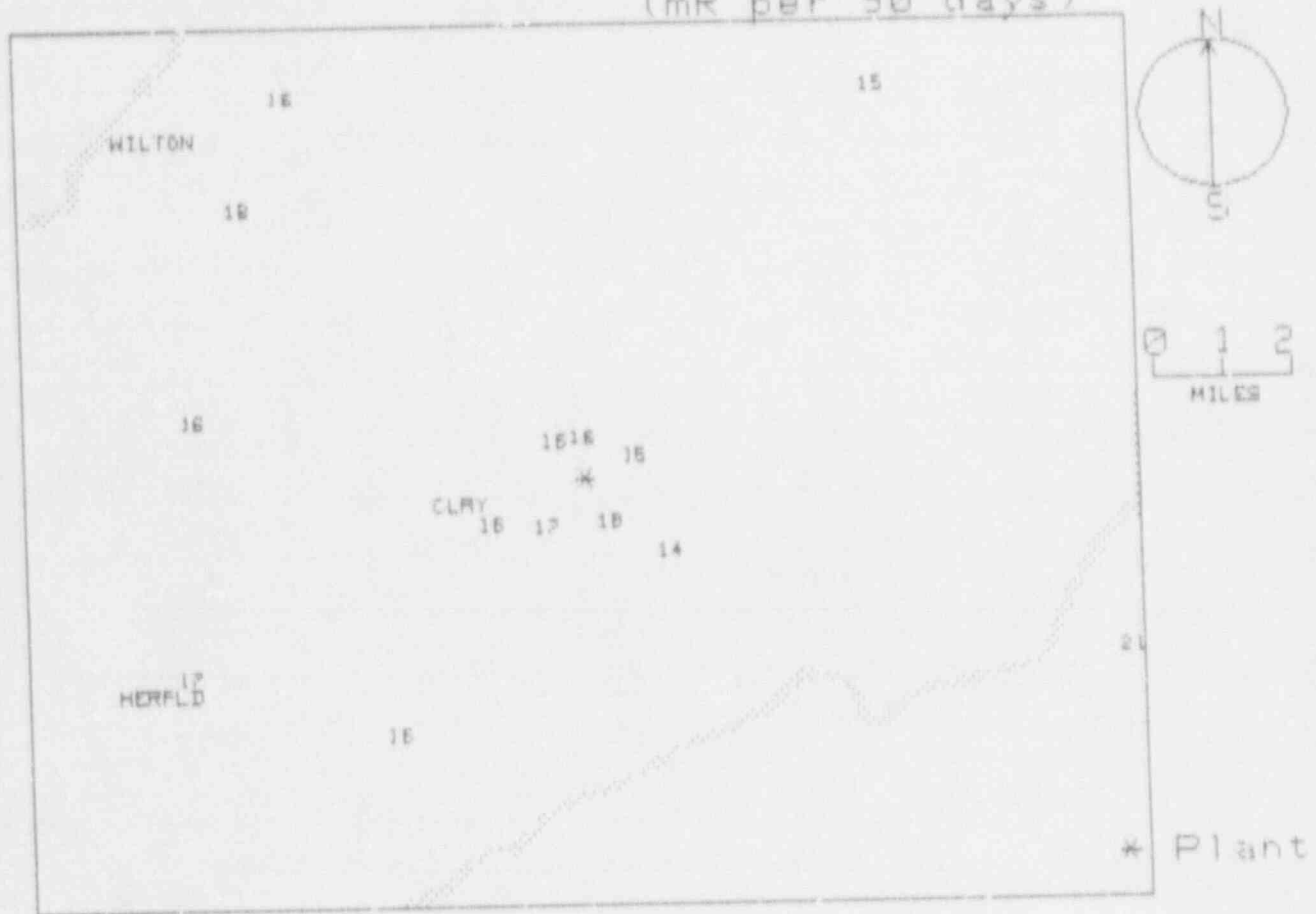
RANCHO SECO
For the period 911201-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.8 +- 0.5	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	15.4 +- 1.3	2
56.26 - 78.75 ENE	16.3 +- 0.0	1
78.76 - 101.25 E	14.9 +- 1.1	3
101.26 - 123.75 ESE	21.0 +- 0.0	1
123.76 - 146.25 SE	14.4 +- 0.0	1
146.26 - 168.75 SSE	16.8 +- 1.7	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	15.2 +- 0.0	1
213.76 - 236.25 SW	16.5 +- 0.2	2
236.26 - 258.75 WSW	16.1 +- 0.9	4
258.76 - 281.25 W	16.4 +- 0.0	1
281.26 - 303.75 WNW	16.1 +- 0.0	1
303.76 - 326.25 NW	16.3 +- 1.1	6
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.1 +- 1.0	9
2 - 5	15.6 +- 1.1	2
> 5	16.5 +- 1.8	16
Upwind Control	16.3 +- 0.2	2

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



RIVER BEND

TLD Direct Radiation Environmental Monitoring
 For the period 911201-920428 150 Days
 Field Time: 75 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR)		(mR/Std. Qtr.)		Net Exp Rate	+1 Std Dev
====	=====	=====	+-Rdm; Tot.		+-Rdm; Tot.		=====	
1	348	1.3	20.1	+- 0.6; 3.0	17.6	+- 0.8; 4.8	18.3	+- 2.3
2	42	1.1	21.0	+- 0.6; 3.1	18.6	+- 0.9; 4.9	18.3	+- 2.4
3	61	1.1	22.1	+- 0.7; 3.3	20.0	+- 0.9; 5.1	19.2	+- 2.4
4	90	0.8	20.6	+- 0.6; 3.1	18.2	+- 0.9; 4.9	18.2	+- 2.2
5	107	0.6	21.1	+- 0.6; 3.2	18.9	+- 0.9; 5.0	19.2	+- 1.9
6	136	0.8	23.2	+- 0.7; 3.5	21.3	+- 0.9; 5.2	19.3	+- 2.5
7	166	1.0	18.6	+- 0.6; 2.8	15.9	+- 0.8; 4.6	16.3	+- 1.8
8	182	0.9	20.9	+- 0.6; 3.1	18.6	+- 0.9; 4.9	17.3	+- 2.4
9	195	0.6	20.2	+- 0.6; 3.0	17.8	+- 0.8; 4.8	17.0	+- 2.3
10	225	0.7	20.1	+- 0.6; 3.0	17.6	+- 0.8; 4.8	17.8	+- 2.3
11	254	0.4	21.4	+- 0.6; 3.2	19.2	+- 0.9; 5.0	17.5	+- 2.4
12	276	0.6	21.1	+- 0.6; 3.2	18.8	+- 0.9; 4.9	18.6	+- 2.1
13	295	0.6	22.0	+- 0.7; 3.3	19.9	+- 0.9; 5.1	19.4	+- 2.1
14	320	0.9	20.9	+- 0.6; 3.1	18.6	+- 0.9; 4.9	18.2	+- 2.3
15	332	2.1	20.8	+- 0.6; 3.1	18.5	+- 0.9; 4.9	19.1	+- 2.2
16	312	2.7	22.0	+- 0.7; 3.3	19.9	+- 0.9; 5.1	18.1	+- 2.9
17	302	3.1	19.2	+- 0.6; 2.9	16.5	+- 0.8; 4.7	16.3	+- 2.3
18	278	3.8	19.9	+- 0.6; 3.0	17.3	+- 0.8; 4.8	15.2	+- 2.7
19	242	2.8	22.7	+- 0.7; 3.4	20.7	+- 0.9; 5.2	19.8	+- 2.5
20	195	5.4	21.4	+- 0.6; 3.2	19.1	+- 0.9; 5.0	19.0	+- 5.8
21	215	3.0	21.7	+- 0.7; 3.3	19.5	+- 0.9; 5.0	18.6	+- 2.4
22	233	7.1	19.8	+- 0.6; 3.0	17.2	+- 0.8; 4.8	15.1	+- 2.7
23	246	9.7	20.7	+- 0.6; 3.1	18.4	+- 0.9; 4.9	18.0	+- 2.3
24	234	7.3	20.0	+- 0.6; 3.0	17.5	+- 0.8; 4.8	15.8	+- 2.6
25	185	7.6	20.2	+- 0.6; 3.0	17.7	+- 0.8; 4.8	18.6	+- 2.7
26	322	7.7	21.7	+- 0.6; 3.2	19.5	+- 0.9; 5.0	17.8	+- 2.5
27	328	10.0	21.5	+- 0.6; 3.2	19.3	+- 0.9; 5.0	18.9	+- 2.3
28	340	7.2	21.4	+- 0.6; 3.2	19.1	+- 0.9; 5.0	18.6	+- 2.1
29	354	9.5	20.2	+- 0.6; 3.0	17.7	+- 0.8; 4.8	17.7	+- 2.3
30	360	5.1	21.5	+- 0.6; 3.2	19.3	+- 0.9; 5.0	18.9	+- 2.4
31	221	6.9	21.0	+- 0.6; 3.2	18.7	+- 0.9; 4.9	18.8	+- 2.1
32	40	4.9	21.0	+- 0.6; 3.2	18.7	+- 0.9; 4.9	18.1	+- 2.4
33	52	8.7	19.3	+- 0.6; 2.9	16.6	+- 0.8; 4.7	15.6	+- 1.9
34	65	8.4	19.3	+- 0.6; 2.9	16.6	+- 0.8; 4.7	17.4	+- 2.4
35	87	6.6	19.1	+- 0.6; 2.9	16.4	+- 0.8; 4.7	16.0	+- 2.2
36	326	5.8	21.8	+- 0.7; 3.3	19.6	+- 0.9; 5.0	18.4	+- 2.6
37	329	22.0	20.5	+- 0.6; 3.1	18.1	+- 0.8; 4.9	18.0	+- 2.1
38	111	3.8	18.3	+- 0.5; 2.7	15.4	+- 0.8; 4.6	17.5	+- 2.5
39	131	5.6	20.6	+- 0.6; 3.1	18.2	+- 0.9; 4.9	17.8	+- 2.5
40	155	6.2	21.5	+- 0.6; 3.2	19.3	+- 0.9; 5.0	18.5	+- 2.6
41	120	9.0	19.8	+- 0.6; 3.0	17.2	+- 0.8; 4.8	17.6	+- 1.8
42	121	11.0	18.4	+- 0.6; 2.8	15.6	+- 0.8; 4.6	15.7	+- 2.1
43	180	1.1	21.8	+- 0.7; 3.3	19.6	+- 0.9; 5.0	19.9	+- 2.5
44	150	28.0	19.1	+- 0.6; 2.9	16.4	+- 0.8; 4.7	15.2	+- 2.4

Transit Dose = 5.4 +- 0.3; 2.6

RIVER BEND

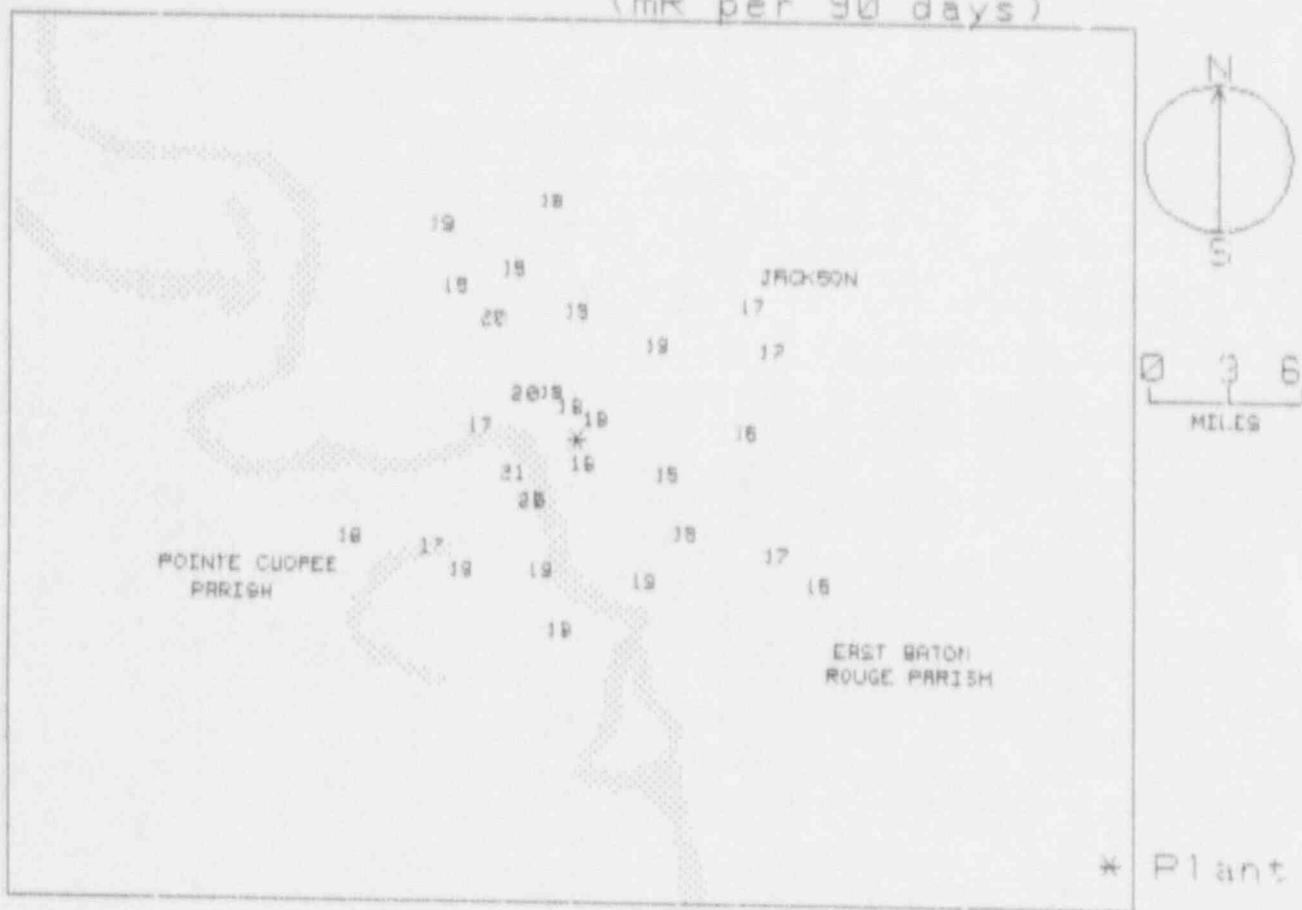
For the period 911201-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.5 +- 1.1	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	18.0 +- 1.2	3
56.26 - 78.75 ENE	18.3 +- 2.4	2
78.76 - 101.25 E	17.3 +- 1.3	2
101.26 - 123.75 ESE	16.8 +- 1.6	4
123.76 - 146.25 SE	19.8 +- 2.2	2
146.26 - 168.75 SSE	17.6 +- 2.4	2
168.76 - 191.25 S	18.6 +- 1.0	3
191.26 - 213.75 SSW	18.5 +- 0.9	2
213.76 - 236.25 SW	18.1 +- 1.0	5
236.26 - 258.75 WSW	19.4 +- 1.2	3
258.76 - 281.25 W	18.1 +- 1.1	2
281.26 - 303.75 WNW	18.2 +- 2.4	2
303.76 - 326.25 NW	19.4 +- 0.6	4
326.26 - 348.75 NNW	18.5 +- 0.7	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Ctr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 1.3	15
2 - 5	18.3 +- 1.8	8
> 5	18.1 +- 1.2	20
Upwind Control	16.4 +- 0.0	1

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



ROBINSON
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920421 141 Days
 Field Time: 74 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	191	0.2	24.1	+- 0.7; 3.6	15.6	+- 1.1; 5.9	14.6	+- 1.0
2	151	1.9	28.9	+- 0.9; 4.3	21.3	+- 1.2; 6.6	21.4	+- 2.2
3	134	2.0	26.2	+- 0.8; 3.9	18.2	+- 1.1; 6.2	17.9	+- 1.2
4	119	1.9	22.3	+- 0.7; 3.3	13.4	+- 1.0; 5.7	14.4	+- 0.8
5	89	2.1	26.2	+- 0.8; 3.9	18.1	+- 1.1; 6.2	18.0	+- 1.0
6	65	1.0	23.9	+- 0.7; 3.6	15.3	+- 1.1; 5.9	16.4	+- 1.1
7	46	1.8	24.9	+- 0.7; 3.7	16.5	+- 1.1; 6.0	17.2	+- 1.5
8	27	1.9	25.1	+- 0.8; 3.8	16.8	+- 1.1; 6.1	17.0	+- 1.3
9	22	3.5	24.1	+- 0.7; 3.6	15.6	+- 1.1; 5.9	16.8	+- 1.8
10	0	5.0	26.4	+- 0.8; 4.0	18.3	+- 1.2; 6.2	17.8	+- 1.4
11	51	4.8	26.2	+- 0.8; 3.9	18.2	+- 1.1; 6.2	19.4	+- 1.0
12	67	4.1	20.9	+- 0.6; 3.1	11.7	+- 1.0; 5.5	14.8	+- 1.5
13	87	4.5	22.9	+- 0.7; 3.4	14.2	+- 1.1; 5.8	15.3	+- 0.9
14	109	5.0	24.5	+- 0.7; 3.7	16.0	+- 1.1; 6.0	15.8	+- 1.2
15	118	4.8	Damaged Dosimeter		No Net Data		16.3	+- 1.9
16	138	5.3	23.9	+- 0.7; 3.6	15.4	+- 1.1; 5.9	16.9	+- 1.5
17	115	17.1	24.4	+- 0.7; 3.7	15.9	+- 1.1; 6.0	15.1	+- 1.7
18	199	12.6	24.8	+- 0.7; 3.7	16.4	+- 1.1; 6.0	16.3	+- 1.0
19	208	4.8	27.6	+- 0.8; 4.1	19.8	+- 1.2; 6.4	21.8	+- 2.4
20	225	4.0	26.9	+- 0.8; 4.0	19.0	+- 1.2; 6.3	19.6	+- 1.2
21	178	4.6	20.9	+- 0.6; 3.1	11.7	+- 1.0; 5.5	12.8	+- 1.1
22	167	3.7	24.0	+- 0.7; 3.6	15.4	+- 1.1; 5.9	16.1	+- 0.9
23	181	2.3	23.2	+- 0.7; 3.5	14.5	+- 1.1; 5.8	15.7	+- 1.1
24	194	2.0	26.2	+- 0.8; 3.9	18.1	+- 1.1; 6.2	19.1	+- 1.0
25	228	2.1	26.2	+- 0.8; 3.9	18.1	+- 1.1; 6.2	17.9	+- 1.3
26	245	1.5	21.9	+- 0.7; 3.3	12.8	+- 1.0; 5.6	14.4	+- 1.5
27	273	1.8	22.0	+- 0.7; 3.3	13.0	+- 1.0; 5.6	13.9	+- 1.1
28	287	2.0	22.3	+- 0.7; 3.3	13.4	+- 1.0; 5.7	13.3	+- 1.1
29	311	1.6	25.2	+- 0.8; 3.8	16.9	+- 1.1; 6.1	17.4	+- 0.9
30	334	1.9	24.5	+- 0.7; 3.7	16.0	+- 1.1; 6.0	16.3	+- 1.6
31	353	1.8	24.8	+- 0.7; 3.7	16.4	+- 1.1; 6.0	15.4	+- 1.7
32	333	4.0	23.1	+- 0.7; 3.5	14.4	+- 1.1; 5.8	16.6	+- 1.1
33	318	4.7	26.2	+- 0.8; 3.9	18.1	+- 1.1; 6.2	17.8	+- 1.1
34	310	6.9	23.5	+- 0.7; 3.5	14.8	+- 1.1; 5.8	15.7	+- 2.1
35	295	4.0	27.4	+- 0.8; 4.1	19.6	+- 1.2; 6.4	20.6	+- 1.3
36	269	4.8	24.5	+- 0.7; 3.7	16.1	+- 1.1; 6.0	18.6	+- 1.8
37	252	4.6	26.2	+- 0.8; 3.9	18.2	+- 1.1; 6.2	17.2	+- 1.4
38	274	10.7	29.6	+- 0.9; 4.4	22.3	+- 1.3; 6.7	18.2	+- 2.9
39	286	15.3	24.6	+- 0.7; 3.7	16.2	+- 1.1; 6.0	15.0	+- 1.0
40	289	16.5	22.3	+- 0.7; 3.3	13.4	+- 1.0; 5.7	14.2	+- 1.0
41	291	17.5	24.1	+- 0.7; 3.6	15.6	+- 1.1; 5.9	15.6	+- 0.9

Transit Dose = 11.3 +- 0.5; 3.3

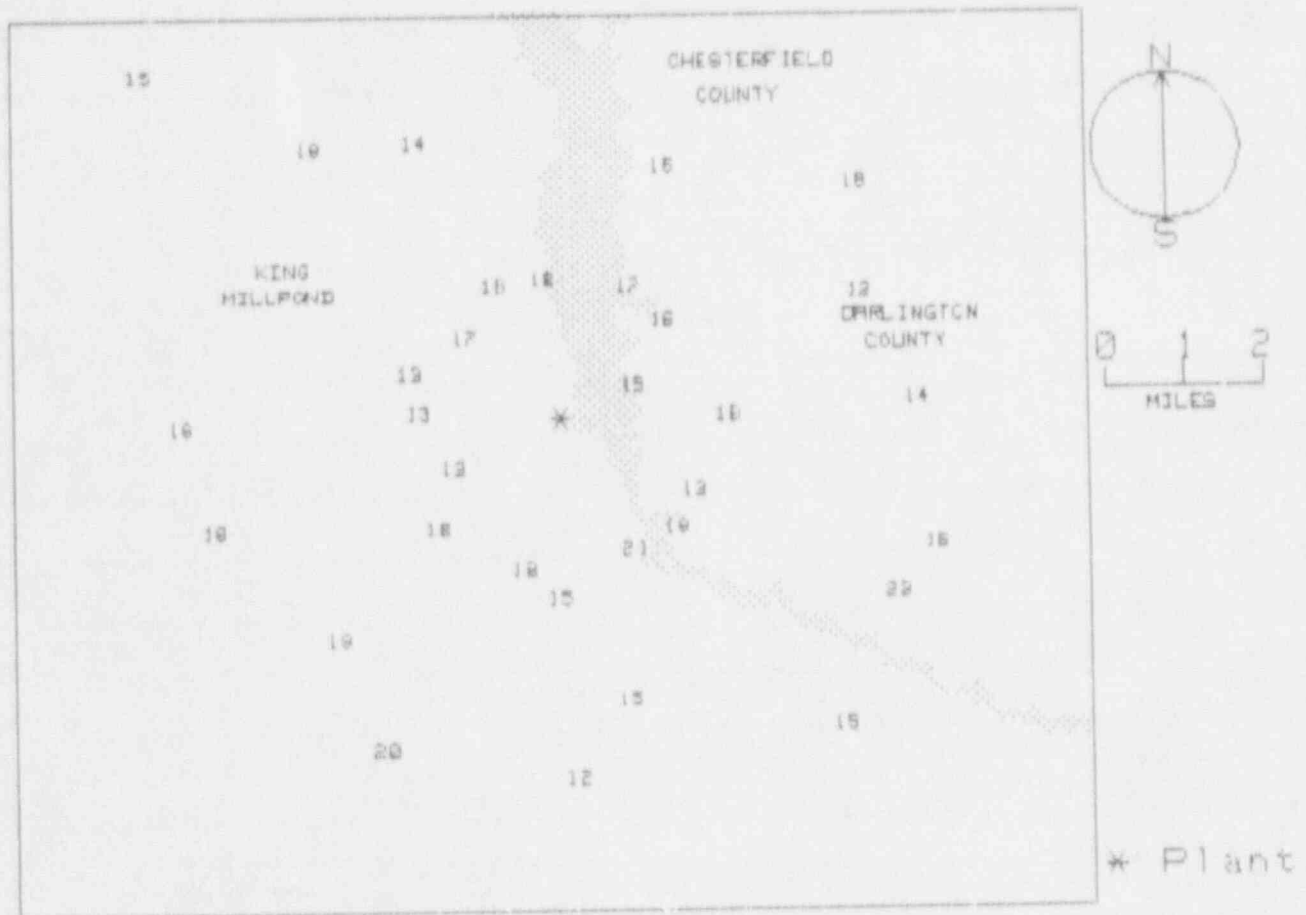
ROBINSON
For the period 911203-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.4 +- 1.4	2
11.26 - 33.75 NNE	16.2 +- 0.8	2
33.76 - 56.25 NE	17.3 +- 1.2	2
56.26 - 78.75 ENE	13.5 +- 2.6	2
78.76 - 101.25 E	16.1 +- 2.8	2
101.26 - 123.75 ESE	15.1 +- 1.5	3
123.76 - 146.25 SE	16.8 +- 2.0	2
146.26 - 168.75 SSE	18.4 +- 4.2	2
168.76 - 191.25 S	13.9 +- 2.0	3
191.26 - 213.75 SSW	18.1 +- 1.7	3
213.76 - 236.25 SW	18.6 +- 0.6	2
236.26 - 258.75 WSW	15.5 +- 3.8	2
258.76 - 281.25 W	17.1 +- 4.7	3
281.26 - 303.75 WNW	16.5 +- 4.4	2
303.76 - 326.25 NW	16.6 +- 1.7	3
326.26 - 348.75 NNW	15.2 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.0 +- 2.4	14
2 - 5	16.5 +- 2.5	18
> 5	17.0 +- 3.0	5
Upwind Control	15.1 +- 1.5	3

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



SALEM (DE)
 TLD Direct Radiation Environmental Monitoring
 For the period 911205-920429 147 Days
 Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
17	331	4.2	20.2	+- 0.6; 3.0	14.3	+- 0.7; 4.2	17.5	+- 2.5
18	320	3.8	17.9	+- 0.5; 2.7	12.0	+- 0.6; 4.0	14.5	+- 1.3
19	299	3.4	19.7	+- 0.6; 2.9	13.7	+- 0.7; 4.2	16.4	+- 1.7
20	330	9.5	23.1	+- 0.7; 3.5	17.1	+- 0.8; 4.5	19.7	+- 1.7
21	276	3.6	22.4	+- 0.7; 3.4	16.4	+- 0.8; 4.5	18.4	+- 1.8
22	266	4.7	22.2	+- 0.7; 3.3	16.2	+- 0.7; 4.4	17.9	+- 1.2
23	257	4.4	21.2	+- 0.6; 3.2	15.2	+- 0.7; 4.3	17.7	+- 1.6
24	240	4.4	23.4	+- 0.7; 3.5	17.3	+- 0.8; 4.6	18.2	+- 1.5
25	217	4.9	22.2	+- 0.7; 3.3	16.2	+- 0.7; 4.4	18.0	+- 1.8
26	204	3.9	19.9	+- 0.6; 3.0	14.0	+- 0.7; 4.2	16.7	+- 1.5
27	188	4.2	22.0	+- 0.7; 3.3	16.1	+- 0.7; 4.4	19.7	+- 2.7
28	319	18.1	23.7	+- 0.7; 3.6	17.6	+- 0.8; 4.6	19.8	+- 2.2
29	265	6.7	19.8	+- 0.6; 3.0	13.9	+- 0.7; 4.2	15.1	+- 1.5
30	340	12.2	19.6	+- 0.6; 2.9	13.7	+- 0.7; 4.2	15.0	+- 2.1
31	0	18.2	21.2	+- 0.6; 3.2	15.3	+- 0.7; 4.3	17.4	+- 1.5
32	338	8.1	20.0	+- 0.6; 3.0	14.1	+- 0.7; 4.2	15.5	+- 1.6
33	265	9.8	21.9	+- 0.7; 3.3	15.9	+- 0.7; 4.4	18.0	+- 1.5
34	207	11.6	21.5	+- 0.6; 3.2	15.5	+- 0.7; 4.4	17.2	+- 1.7

Transit Dose = 5.5 +- 0.4; 3.2

SALEM (DE)

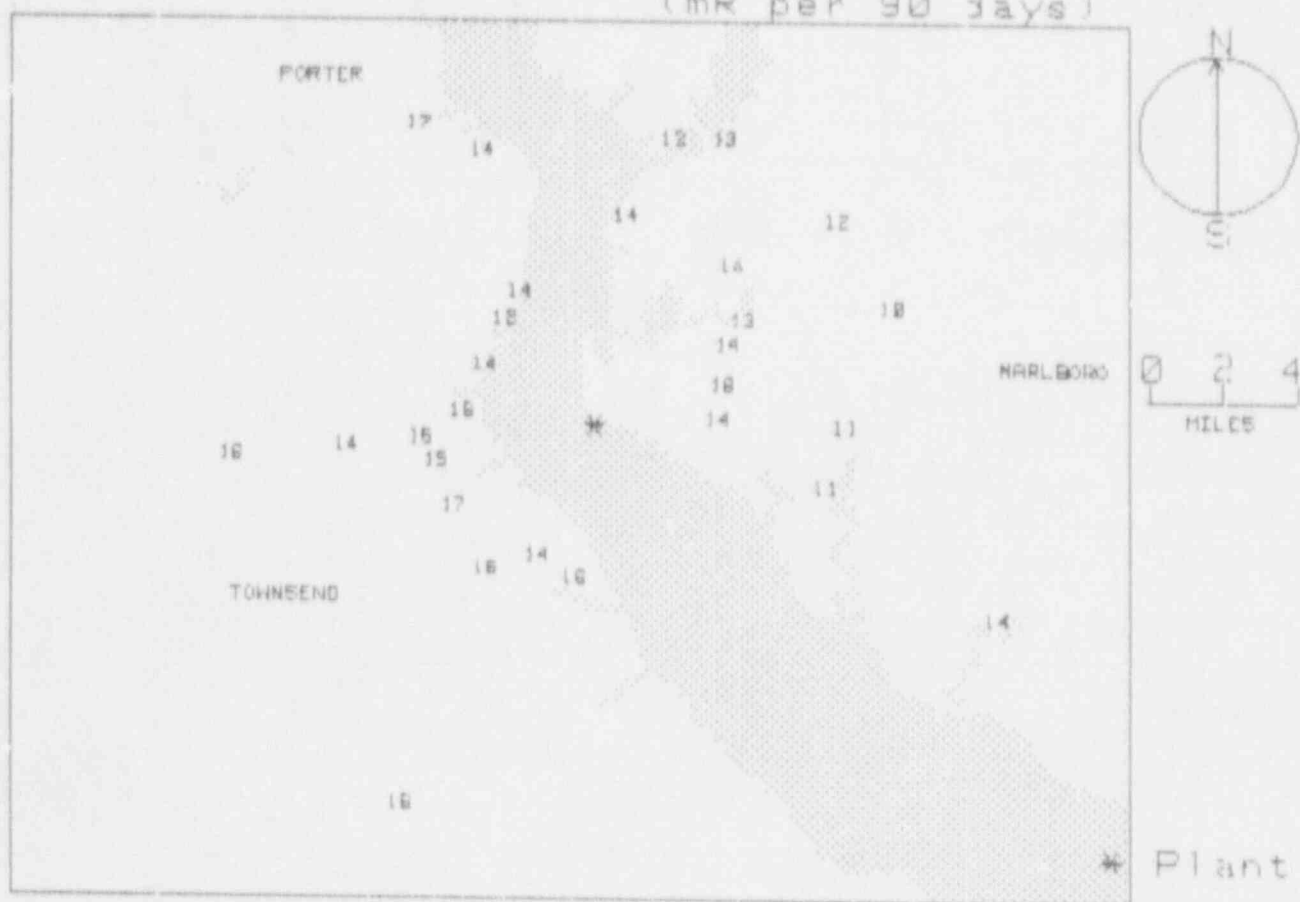
For the period 911205-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	16.1 +- 0.0	1
191.26 - 213.75 SSW	14.8 +- 1.1	2
213.76 - 236.25 SW	16.2 +- 0.0	1
236.26 - 258.75 WSW	16.3 +- 1.5	2
258.76 - 281.25 W	15.6 +- 1.1	4
281.26 - 303.75 WNW	13.7 +- 0.0	1
303.76 - 326.25 NW	12.0 +- 0.0	1
326.26 - 348.75 NNW	15.1 +- 1.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	15.2 +- 1.6	10
> 5	15.3 +- 1.3	5
Upwind Control	15.5 +- 2.0	3

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



SALEM (NJ)

TLD Direct Radiation Environmental Monitoring

For the period 911205-920429 147 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	87	3.3	17.5	+- 0.5; 2.6	13.8	+- 0.6; 3.8	14.3	+- 1.0
2	79	3.4	18.2	+- 0.5; 2.7	14.5	+- 0.6; 3.9	14.1	+- 1.2
3	72	3.6	21.5	+- 0.6; 3.2	17.7	+- 0.7; 4.2	16.9	+- 2.5
4	58	4.2	17.2	+- 0.5; 2.6	13.6	+- 0.6; 3.8	15.7	+- 1.8
5	54	4.9	16.2	+- 0.5; 2.4	13.6	+- 0.6; 3.7	13.7	+- 1.7
6	68	8.6	14.0	+- 0.4; 2.1	10.5	+- 0.5; 3.5	12.4	+- 1.5
7	40	5.7	17.5	+- 0.5; 2.6	13.9	+- 0.6; 3.8	13.9	+- 1.2
8	116	12.0	17.4	+- 0.5; 2.6	13.8	+- 0.6; 3.8	13.9	+- 1.4
10	8	5.8	17.7	+- 0.5; 2.7	14.1	+- 0.6; 3.8	14.3	+- 1.6
11	15	8.1	16.2	+- 0.5; 2.4	12.6	+- 0.6; 3.7	13.4	+- 1.3
12	24	8.6	16.6	+- 0.5; 2.5	12.9	+- 0.6; 3.7	13.5	+- 1.3
13	49	8.6	15.7	+- 0.5; 2.3	12.1	+- 0.6; 3.7	13.0	+- 1.5
14	90	6.7	15.1	+- 0.5; 2.3	11.5	+- 0.5; 3.6	12.6	+- 1.3
15	105	6.4	14.4	+- 0.4; 2.2	10.8	+- 0.5; 3.5	12.6	+- 1.7

Transit Dose = 3.2 +- 0.3; 3.0

SALEM (NJ)

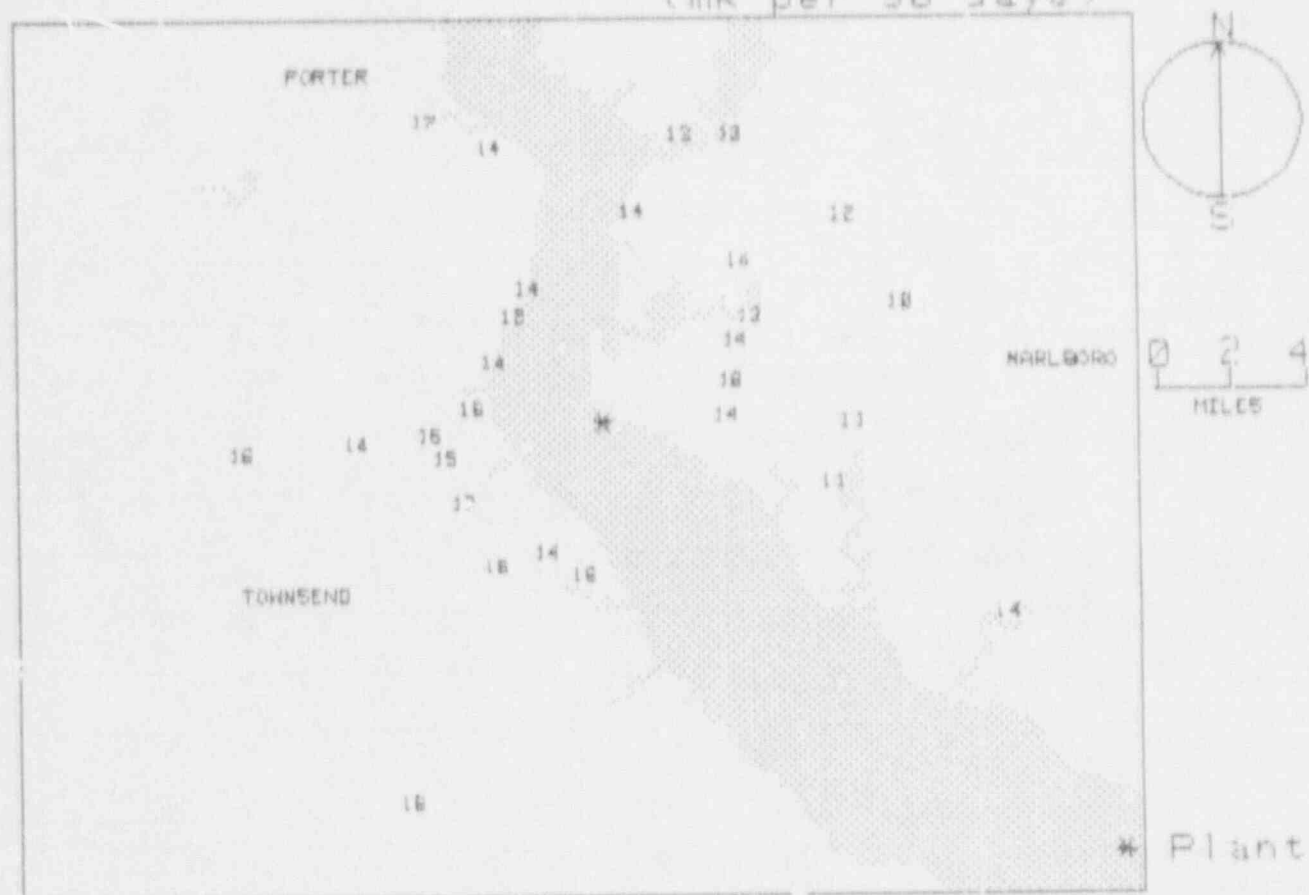
For the period 911205-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.1 +- 0.0	1
11.26 - 33.75 NNE	12.8 +- 0.2	2
33.76 - 56.25 NE	12.8 +- 0.9	3
56.26 - 78.75 ENE	13.9 +- 3.6	3
78.76 - 101.25 E	13.3 +- 1.6	3
101.26 - 123.75 ESE	12.3 +- 2.1	2
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	14.4 +- 1.9	5
> 5	12.5 +- 1.3	9
Upwind Control	No Data +- No Data	0

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



SAN ONOFRE

TLD Direct Radiation Environmental Monitoring

For the period 911201-920428 150 Days

Field Time: 90 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	346	35.0	30.6	+ - 0.9; 4.6	22.4	+ - 1.0; 5.7	25.2	+ - 4.7
2	346	35.0	29.6	+ - 0.9; 4.4	21.5	+ - 1.0; 5.6	24.8	+ - 4.1
3	346	35.0	29.2	+ - 0.9; 4.4	21.1	+ - 1.0; 5.5	25.1	+ - 4.2
4	327	11.0	22.4	+ - 0.7; 3.4	14.3	+ - 0.8; 4.7	18.5	+ - 3.9
5	308	14.0	26.7	+ - 0.8; 4.0	18.6	+ - 0.9; 5.2	21.2	+ - 4.1
6	307	10.0	23.7	+ - 0.7; 3.6	15.6	+ - 0.9; 4.9	18.7	+ - 4.0
7	318	6.3	Missing Dosimeter		No Net Data		19.6	+ - 4.4
8	322	5.1	26.1	+ - 0.8; 3.9	18.0	+ - 0.9; 5.1	21.0	+ - 4.1
9	311	3.3	Missing Dosimeter		No Net Data		19.3	+ - 5.3
10	331	3.3	24.9	+ - 0.7; 3.7	16.8	+ - 0.9; 5.0	22.1	+ - 5.7
11	300	2.6	25.8	+ - 0.8; 3.9	17.7	+ - 0.9; 5.1	20.8	+ - 4.6
12	285	0.5	24.1	+ - 0.7; 3.6	16.0	+ - 0.9; 4.9	21.8	+ - 3.8
13	320	2.4	27.3	+ - 0.8; 4.1	19.2	+ - 0.9; 5.3	19.5	+ - 3.9
14	320	1.7	24.3	+ - 0.7; 3.7	16.2	+ - 0.9; 4.9	19.8	+ - 4.1
15	333	1.2	26.7	+ - 0.8; 4.0	18.6	+ - 0.9; 5.2	20.5	+ - 5.2
16	30	1.9	27.2	+ - 0.8; 4.1	19.1	+ - 0.9; 5.3	22.5	+ - 5.1
17	8	1.3	22.7	+ - 0.7; 3.4	14.6	+ - 0.8; 4.8	17.4	+ - 3.9
18	39	2.0	27.2	+ - 0.8; 4.1	19.1	+ - 0.9; 5.3	23.8	+ - 4.6
19	55	2.9	24.2	+ - 0.7; 3.6	16.1	+ - 0.9; 4.9	20.3	+ - 5.0
20	77	4.1	26.4	+ - 0.8; 4.0	18.3	+ - 0.9; 5.2	22.5	+ - 5.7
21	87	4.7	26.8	+ - 0.8; 4.0	18.7	+ - 0.9; 5.2	22.1	+ - 5.3
22	25	3.4	27.0	+ - 0.8; 4.0	18.9	+ - 0.9; 5.2	23.8	+ - 3.8
23	357	3.5	25.9	+ - 0.8; 3.9	17.8	+ - 0.9; 5.1	22.5	+ - 4.5
24	25	0.4	24.6	+ - 0.7; 3.7	16.5	+ - 0.9; 5.0	19.8	+ - 4.3
25	81	0.4	23.7	+ - 0.7; 3.6	15.6	+ - 0.9; 4.9	18.8	+ - 4.5
26	126	2.1	22.2	+ - 0.7; 3.3	14.1	+ - 0.8; 4.7	17.5	+ - 5.4
27	130	8.6	22.6	+ - 0.7; 3.4	14.5	+ - 0.8; 4.8	17.8	+ - 5.2
28	99	8.9	20.7	+ - 0.6; 3.1	12.6	+ - 0.8; 4.6	18.2	+ - 4.7
29	135	11.0	Missing Dosimeter		No Net Data		17.9	+ - 4.3
30	126	2.0	18.4	+ - 0.6; 2.8	10.3	+ - 0.7; 4.3	14.1	+ - 4.2
31	128	3.7	21.0	+ - 0.6; 3.2	12.9	+ - 0.8; 4.6	15.7	+ - 3.6
32	140	22.0	26.1	+ - 0.8; 3.9	18.0	+ - 0.9; 5.1	22.1	+ - 3.9
33	120	26.0	21.7	+ - 0.7; 3.3	13.6	+ - 0.8; 4.7	16.7	+ - 4.2

Transit Dose = 8.1 +- 0.5; 3.3

SAN ONOPRE

For the period 911201-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.2 +- 2.2	2
11.26 - 33.75 NNE	18.1 +- 1.4	3
33.76 - 56.25 NE	17.6 +- 2.1	2
56.26 - 78.75 ENE	18.3 +- 0.0	-
78.76 - 101.25 E	15.6 +- 3.1	3
101.26 - 123.75 ESE	13.6 +- 0.0	1
123.76 - 146.25 SE	14.0 +- 2.8	5
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	16.8 +- 1.2	2
303.76 - 326.25 NW	17.5 +- 1.5	5
326.26 - 348.75 NNW	16.6 +- 2.1	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.2 +- 2.7	9
2 - 5	17.1 +- 2.1	10
> 5	15.7 +- 2.3	3
Upwind Control	21.7 +- 0.7	3

SEABROOK
 TLD Direct Radiation Environmental Monitoring
 For the period 911205-920430 148 Days
 Field Time: 103 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	154 0.6	21.2 +- 0.6; 3.2	14.1 +- 0.7; 4.1	17.5 +- 2.6
2	178 0.7	21.9 +- 0.7; 3.3	14.7 +- 0.7; 4.1	16.9 +- 2.4
3	207 0.7	21.5 +- 0.6; 3.2	14.4 +- 0.7; 4.1	16.1 +- 2.7
4	224 0.9	22.0 +- 0.7; 3.3	14.8 +- 0.7; 4.1	17.8 +- 2.8
5	243 1.2	20.2 +- 0.6; 3.0	13.3 +- 0.6; 4.0	16.1 +- 2.8
6	294 1.0	21.1 +- 0.6; 3.2	14.0 +- 0.7; 4.1	17.2 +- 2.5
7	267 0.7	22.5 +- 0.7; 3.4	15.3 +- 0.7; 4.2	16.6 +- 2.5
8	320 1.1	22.2 +- 0.7; 3.3	15.0 +- 0.7; 4.2	17.7 +- 2.9
9	329 1.6	25.1 +- 0.8; 3.8	17.5 +- 0.7; 4.4	19.0 +- 3.0
10	357 1.9	Missing Dosimeter	No Net Data	16.7 +- 2.6
11	18 2.5	22.0 +- 0.7; 3.3	14.8 +- 0.7; 4.1	17.4 +- 2.6
12	46 1.9	22.1 +- 0.7; 3.3	14.9 +- 0.7; 4.2	16.3 +- 3.9
13	83 1.7	22.2 +- 0.7; 3.3	15.0 +- 0.7; 4.2	17.0 +- 2.6
14	43 4.1	23.9 +- 0.7; 3.6	16.5 +- 0.7; 4.3	17.5 +- 2.5
15	358 4.2	23.0 +- 0.7; 3.4	15.7 +- 0.7; 4.2	17.7 +- 2.7
16	18 11.8	23.6 +- 0.7; 3.5	16.3 +- 0.7; 4.3	18.0 +- 2.6
17	321 7.4	23.9 +- 0.7; 3.6	16.5 +- 0.7; 4.3	18.8 +- 3.0
18	292 3.9	23.0 +- 0.7; 3.4	15.7 +- 0.7; 4.2	17.7 +- 2.4
19	267 3.7	Missing Dosimeter	No Net Data	17.4 +- 3.7
20	251 4.2	24.1 +- 0.7; 3.6	16.6 +- 0.7; 4.3	18.8 +- 2.8
21	228 4.7	20.3 +- 0.6; 3.0	13.4 +- 0.6; 4.0	17.3 +- 2.8
22	209 6.2	25.0 +- 0.7; 3.7	17.4 +- 0.7; 4.4	19.5 +- 2.8
23	187 6.5	24.9 +- 0.7; 3.7	17.4 +- 0.7; 4.4	19.1 +- 2.9
24	163 7.1	19.8 +- 0.6; 3.0	12.9 +- 0.6; 3.9	15.6 +- 2.5
25	174 4.0	20.1 +- 0.6; 3.0	13.1 +- 0.6; 4.0	16.3 +- 3.0
26	157 4.0	21.2 +- 0.6; 3.2	14.1 +- 0.7; 4.1	16.4 +- 2.1
27	136 2.4	21.9 +- 0.7; 3.3	14.7 +- 0.7; 4.1	17.1 +- 2.8
28	118 1.6	21.1 +- 0.6; 3.2	14.0 +- 0.7; 4.1	16.1 +- 2.4
30	67 2.1	24.2 +- 0.7; 3.6	16.8 +- 0.7; 4.3	17.9 +- 2.6
31	335 5.5	22.9 +- 0.7; 3.4	15.6 +- 0.7; 4.2	17.8 +- 2.5
32	318 3.2	22.5 +- 0.7; 3.4	15.3 +- 0.7; 4.2	18.6 +- 2.9
33	230 19.3	22.0 +- 0.7; 3.3	14.8 +- 0.7; 4.1	17.6 +- 3.6
34	230 19.3	22.8 +- 0.7; 3.4	15.5 +- 0.7; 4.2	17.8 +- 2.9
35	230 19.3	24.7 +- 0.7; 3.7	17.2 +- 0.7; 4.4	19.5 +- 4.0

Transit Dose = 5.0 +- 0.4; 3.4

SEABROOK
For the period 911205-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.7 +- 0.0	1
11.26 - 33.75 NNE	15.5 +- 1.0	2
33.76 - 56.25 NE	15.7 +- 1.1	2
56.26 - 78.75 ENE	16.8 +- 0.0	1
78.76 - 101.25 E	15.0 +- 0.0	1
101.26 - 123.75 ESE	14.0 +- 0.0	1
123.76 - 146.25 SE	14.7 +- 0.0	1
146.26 - 168.75 SSE	13.7 +- 0.7	3
168.76 - 191.25 S	15.1 +- 2.2	3
191.26 - 213.75 SSW	15.9 +- 2.2	2
213.76 - 236.25 SW	15.1 +- 1.9	3
236.26 - 258.75 WSW	14.9 +- 2.4	2
258.76 - 281.25 W	15.3 +- 0.0	1
281.26 - 303.75 WNW	14.8 +- 1.2	2
303.76 - 326.25 NW	15.8 +- 1.1	2
326.26 - 348.75 NNW	16.6 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.8 +- 1.0	12
2 - 5	15.1 +- 1.3	10
> 5	16.2 +- 1.6	7
Upwind Control	15.2 +- 0.4	3

SEQUOYAH

TLD Direct Radiation Environmental Monitoring
 For the period 911203-920422 142 Days
 Field time: 84 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	218	12.0	20.5	+- 0.6; 3.1	15.7	+- 0.8; 4.6	16.9	+- 1.4
2	206	13.0	18.1	+- 0.5; 2.7	13.1	+- 0.7; 4.3	14.2	+- 1.2
3	203	3.9	23.7	+- 0.7; 3.6	19.1	+- 0.9; 4.9	20.0	+- 1.4
4	199	2.0	21.9	+- 0.7; 3.3	17.2	+- 0.8; 4.7	16.4	+- 1.3
5	181	1.4	24.9	+- 0.7; 3.7	20.4	+- 0.9; 5.1	21.0	+- 1.5
6	153	1.5	19.5	+- 0.6; 2.9	14.6	+- 0.8; 4.4	15.5	+- 1.2
7	139	1.9	18.8	+- 0.6; 2.8	13.9	+- 0.7; 4.4	14.6	+- 1.1
8	115	1.8	20.9	+- 0.6; 3.1	16.1	+- 0.8; 4.6	16.0	+- 2.1
9	84	1.6	18.6	+- 0.6; 2.8	13.6	+- 0.7; 4.3	13.7	+- 1.5
10	66	1.3	19.0	+- 0.6; 2.8	14.0	+- 0.7; 4.4	15.7	+- 1.2
11	45	1.5	20.1	+- 0.6; 3.0	15.2	+- 0.8; 4.5	16.6	+- 1.3
12	14	2.0	22.4	+- 0.7; 3.4	17.7	+- 0.8; 4.8	18.6	+- 1.2
13	2	2.1	23.8	+- 0.7; 3.6	19.2	+- 0.9; 5.0	18.7	+- 1.4
14	19	3.9	19.6	+- 0.6; 2.9	14.7	+- 0.8; 4.4	15.8	+- 1.2
15	48	4.0	17.6	+- 0.5; 2.6	12.5	+- 0.7; 4.2	13.8	+- 1.2
16	65	4.3	20.1	+- 0.6; 3.0	15.3	+- 0.8; 4.5	15.7	+- 1.2
17	90	3.9	Missing Dosimeter		No Net Data		17.7	+- 1.5
18	111	3.4	Missing Dosimeter		No Net Data		16.3	+- 1.6
19	135	3.4	20.5	+- 0.6; 3.1	15.6	+- 0.8; 4.6	15.9	+- 1.1
20	158	3.4	17.8	+- 0.5; 2.7	12.8	+- 0.7; 4.3	14.1	+- 2.0
21	184	4.6	21.4	+- 0.6; 3.2	16.7	+- 0.8; 4.7	18.5	+- 2.4
22	233	11.0	18.5	+- 0.6; 2.8	13.6	+- 0.7; 4.3	14.1	+- 1.5
23	219	4.9	24.0	+- 0.7; 3.6	19.4	+- 0.9; 5.0	17.5	+- 1.6
24	241	4.3	19.3	+- 0.6; 2.9	14.4	+- 0.7; 4.4	15.7	+- 1.3
25	235	2.0	18.3	+- 0.6; 2.8	13.4	+- 0.7; 4.3	13.2	+- 1.2
26	248	1.5	18.8	+- 0.6; 2.8	13.9	+- 0.7; 4.4	15.7	+- 2.1
27	266	1.2	19.2	+- 0.6; 2.9	14.3	+- 0.7; 4.4	14.6	+- 1.1
28	291	1.2	20.6	+- 0.6; 3.1	15.8	+- 0.8; 4.6	15.7	+- 1.6
29	309	1.2	19.9	+- 0.6; 3.0	15.0	+- 0.8; 4.5	15.9	+- 1.5
30	330	0.5	21.0	+- 0.6; 3.1	16.2	+- 0.8; 4.6	16.7	+- 1.4
31	339	1.8	21.1	+- 0.6; 3.2	16.3	+- 0.8; 4.6	16.9	+- 1.2
32	355	4.9	19.7	+- 0.6; 3.0	14.8	+- 0.8; 4.5	14.7	+- 1.3
33	334	3.6	19.6	+- 0.6; 2.9	14.7	+- 0.8; 4.4	14.5	+- 1.5
34	317	4.4	19.9	+- 0.6; 3.0	15.1	+- 0.8; 4.5	15.1	+- 1.8
35	277	5.6	20.1	+- 0.6; 3.0	15.2	+- 0.8; 4.5	16.3	+- 1.2
36	283	3.6	19.3	+- 0.6; 2.9	14.4	+- 0.7; 4.4	14.4	+- 1.2
37	273	4.4	20.4	+- 0.6; 3.1	15.5	+- 0.8; 4.5	15.0	+- 1.4
38	302	19.0	20.0	+- 0.6; 3.0	15.1	+- 0.8; 4.5	15.2	+- 1.3
39	290	18.0	20.3	+- 0.6; 3.0	15.5	+- 0.8; 4.5	16.3	+- 1.1
40	289	18.0	18.4	+- 0.6; 2.8	13.4	+- 0.7; 4.3	15.0	+- 1.1
41	318	6.1	20.2	+- 0.6; 3.0	15.4	+- 0.8; 4.5	15.7	+- 1.2

Transit Dose = 5.9 +- 0.4; 2.9

SEQUOYAH

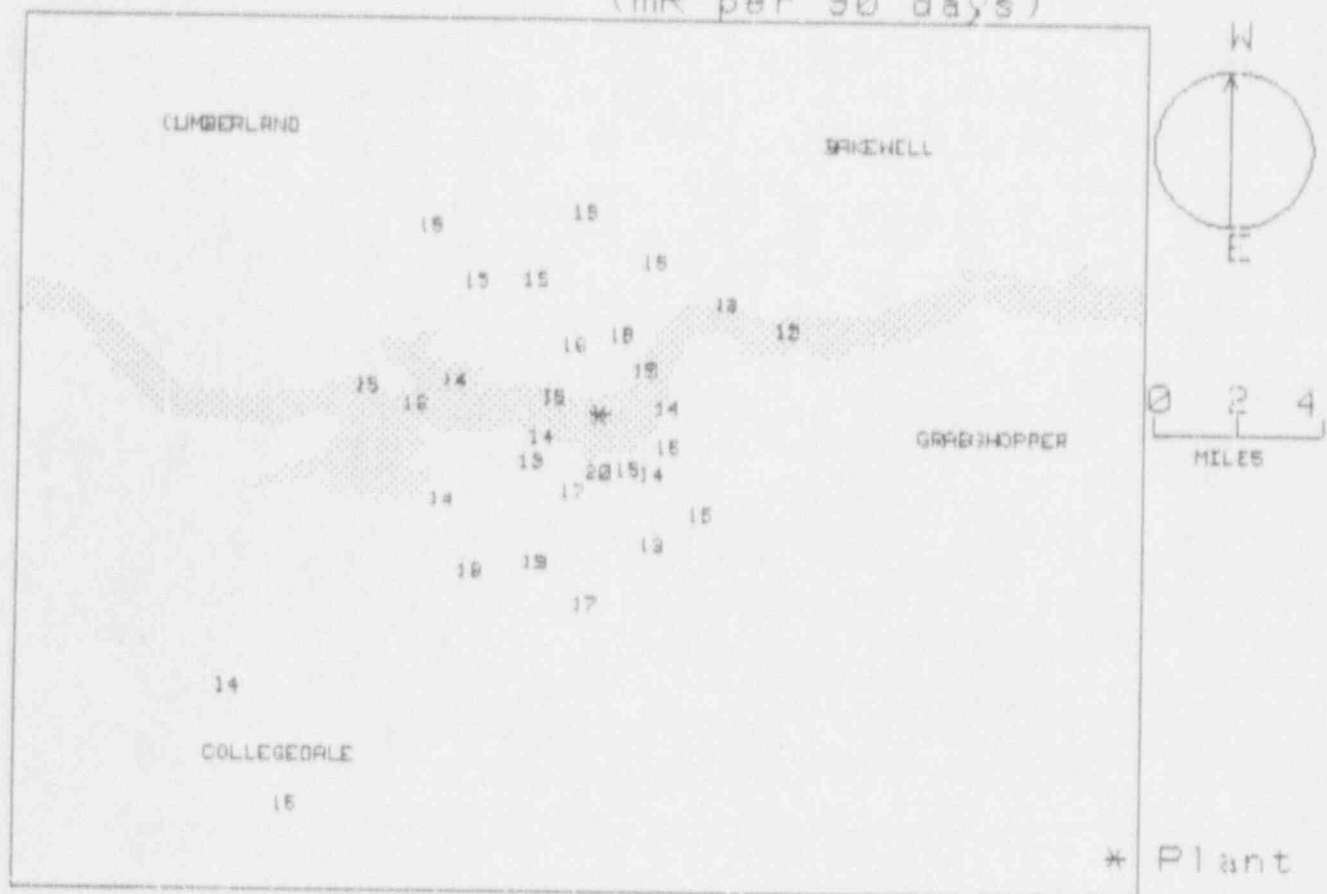
For the period 911203-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.0 +- 3.1	2
11.26 - 33.75 NNE	16.2 +- 2.2	2
33.76 - 56.25 NE	13.9 +- 1.9	2
56.26 - 78.75 ENE	14.7 +- 0.9	2
78.76 - 101.25 E	13.6 +- 0.0	1
101.26 - 123.75 ESE	16.1 +- 0.0	1
123.76 - 146.25 SE	14.8 +- 1.2	2
146.26 - 168.75 SSE	13.7 +- 1.3	2
168.76 - 191.25 S	18.5 +- 2.7	2
191.26 - 213.75 SSW	16.5 +- 3.1	3
213.76 - 236.25 SW	15.5 +- 2.8	4
236.26 - 258.75 WSW	14.1 +- 0.4	2
258.76 - 281.25 W	15.0 +- 0.7	3
281.26 - 303.75 WNW	15.1 +- 1.0	2
303.76 - 326.25 NW	15.1 +- 0.2	3
326.26 - 348.75 NNW	15.7 +- 0.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.5 +- 1.9	16
2 - 5	15.6 +- 2.1	15
> 5	14.6 +- 1.2	5
Upwind Control	14.7 +- 1.1	3

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



SHOREHAM

TLD Direct Radiation Environmental Monitoring

For the period 911205-920421 139 Days

Field Time: 78 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	262	10.0	17.3	+- 0.5; 2.6	12.0	+- 0.8; 4.5	13.7	+- 1.7
2	268	4.4	18.0	+- 0.5; 2.7	12.8	+- 0.8; 4.5	14.7	+- 1.6
3	256	3.2	17.5	+- 0.5; 2.6	12.3	+- 0.8; 4.5	14.0	+- 1.7
4	264	2.1	18.7	+- 0.6; 2.8	13.7	+- 0.8; 4.6	15.0	+- 1.1
5	243	1.7	18.6	+- 0.6; 2.8	13.6	+- 0.8; 4.6	14.7	+- 1.3
7	136	1.5	17.5	+- 0.5; 2.6	12.3	+- 0.8; 4.5	15.5	+- 3.3
8	116	0.9	20.9	+- 0.6; 3.1	16.2	+- 0.9; 4.9	17.2	+- 1.5
9	91	0.8	17.6	+- 0.5; 2.6	12.5	+- 0.8; 4.5	13.8	+- 1.5
10	73	0.7	17.7	+- 0.5; 2.6	12.5	+- 0.8; 4.5	13.4	+- 1.2
11	62	0.7	17.5	+- 0.5; 2.6	12.3	+- 0.8; 4.5	12.8	+- 1.6
12	75	1.6	18.2	+- 0.5; 2.7	13.1	+- 0.8; 4.6	13.8	+- 1.5
13	88	2.1	18.8	+- 0.6; 2.8	13.8	+- 0.8; 4.6	14.5	+- 1.7
14	119	4.6	17.4	+- 0.5; 2.6	12.2	+- 0.8; 4.5	13.5	+- 1.6
15	110	10.0	17.7	+- 0.5; 2.7	12.5	+- 0.8; 4.5	14.8	+- 1.8
16	138	14.0	16.4	+- 0.5; 2.5	11.0	+- 0.7; 4.4	13.7	+- 1.6
17	162	12.0	17.2	+- 0.5; 2.6	11.9	+- 0.8; 4.5	14.1	+- 2.6
18	174	11.0	19.4	+- 0.6; 2.9	14.4	+- 0.8; 4.7	13.6	+- 1.7
19	189	5.1	18.3	+- 0.5; 2.7	13.2	+- 0.8; 4.6	13.7	+- 1.5
21	163	2.5	18.9	+- 0.6; 2.8	13.9	+- 0.8; 4.7	13.7	+- 1.8
22	149	1.5	17.1	+- 0.5; 2.6	11.8	+- 0.7; 4.4	15.2	+- 1.6
23	177	1.3	17.3	+- 0.5; 2.6	12.0	+- 0.7; 4.5	14.7	+- 1.4
24	196	1.2	18.0	+- 0.5; 2.7	12.9	+- 0.8; 4.5	13.7	+- 1.4
25	217	1.5	16.2	+- 0.5; 2.4	10.8	+- 0.7; 4.3	13.3	+- 1.6
26	215	4.6	18.1	+- 0.5; 2.7	12.9	+- 0.8; 4.6	12.3	+- 1.7
27	205	4.2	18.4	+- 0.6; 2.8	13.3	+- 0.8; 4.6	13.9	+- 1.6
28	233	11.0	17.9	+- 0.5; 2.7	12.7	+- 0.8; 4.5	13.5	+- 1.4
29	224	13.0	17.0	+- 0.5; 2.5	11.7	+- 0.7; 4.4	13.1	+- 1.3
30	202	14.0	18.1	+- 0.5; 2.7	12.9	+- 0.8; 4.6	13.9	+- 1.4
31	210	15.0	16.7	+- 0.5; 2.5	11.3	+- 0.7; 4.4	13.2	+- 1.2
32	210	15.0	16.8	+- 0.5; 2.5	11.5	+- 0.7; 4.4	13.8	+- 1.8
33	210	15.0	17.1	+- 0.5; 2.6	11.8	+- 0.7; 4.4	13.0	+- 1.6
34	27	0.2	15.5	+- 0.5; 2.3	10.0	+- 0.7; 4.3	13.3	+- 2.4
35	50	0.3	19.5	+- 0.6; 2.9	14.6	+- 0.8; 4.7	15.3	+- 1.7
36	133	3.9	19.0	+- 0.6; 2.8	14.0	+- 0.8; 4.7	14.6	+- 1.7

Transit Dose = 6.9 +- 0.4; 2.9

SHOREHAM

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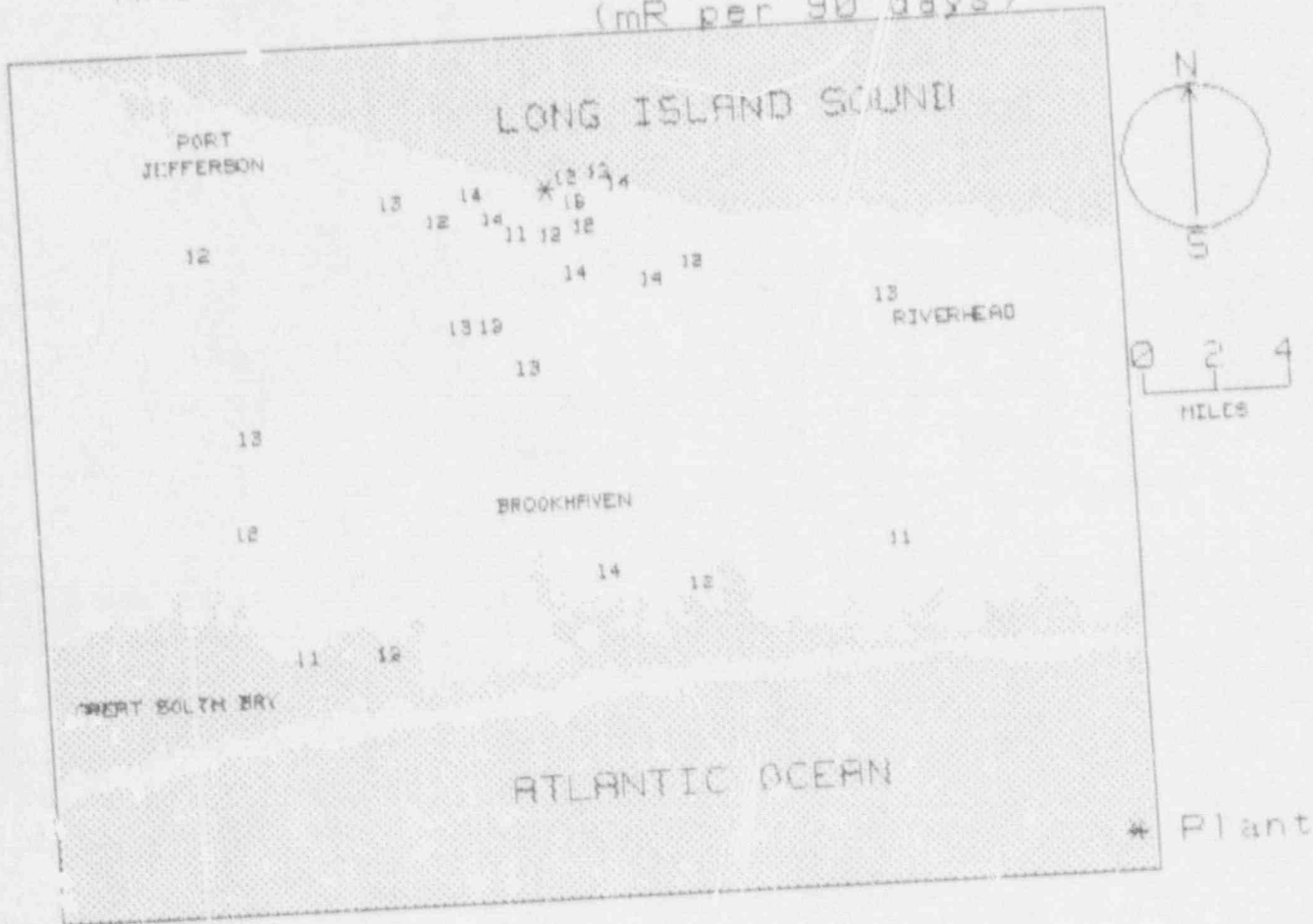
For the period 911205-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	10.0 +- 0.0	1
33.76 - 56.25 NE	14.6 +- 0.0	1
56.26 - 78.75 ENE	12.6 +- 0.4	3
76 - 101.25 E	13.2 +- 1.0	2
101.26 - 123.75 ESE	13.6 +- 2.3	3
123.76 - 146.25 SE	12.4 +- 1.5	3
146.26 - 168.75 SSE	12.5 +- 1.2	3
168.76 - 191.25 S	13.2 +- 1.2	3
191.26 - 213.75 SSW	13.0 +- 0.2	3
213.76 - 236.25 SW	12.0 +- 1.0	4
236.26 - 258.75 WSW	12.9 +- 0.9	2
258.76 - 281.25 W	12.9 +- 0.8	3
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.6 +- 1.6	13
2 - 5	13.2 +- 0.7	9
> 5	12.5 +- 1.0	9
Upwind Control	11.5 +- 0.3	3

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



SOUTH TEXAS

TLD Direct Radiation Environmental Monitoring

For the period 911202-920428 149 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	90 1.0	22.1 +- 0.7; 3.3	No Net Data	17.1 +- 4.3
2	63 1.0	22.6 +- 0.7; 3.4	No Net Data	18.7 +- 4.0
3	40 1.0	22.3 +- 0.7; 3.3	No Net Data	19.4 +- 4.0
4	19 1.0	22.0 +- 0.7; 3.3	No Net Data	17.9 +- 4.0
5	4 0.9	21.8 +- 0.7; 3.3	No Net Data	17.6 +- 3.7
6	339 0.9	23.1 +- 0.7; 3.5	No Net Data	18.2 +- 4.4
7	318 1.0	22.6 +- 0.7; 3.4	No Net Data	17.6 +- 4.7
8	294 1.2	24.9 +- 0.7; 3.7	No Net Data	20.6 +- 4.7
9	267 1.3	25.0 +- 0.7; 3.7	No Net Data	20.5 +- 4.5
10	126 0.3	21.1 +- 0.6; 3.2	No Net Data	23.1 +-34.0
11	180 0.1	25.3 +- 0.8; 3.8	No Net Data	21.2 +-25.6
12	257 0.5	21.4 +- 0.6; 3.2	No Net Data	21.7 +-28.5
13	262 0.9	20.9 +- 0.6; 3.1	No Net Data	16.5 +- 5.4
14	250 1.3	20.9 +- 0.6; 3.1	No Net Data	17.7 +- 8.7
15	227 2.4	21.1 +- 0.6; 3.2	No Net Data	17.7 +-14.8
16	210 3.7	20.0 +- 0.6; 3.0	No Net Data	16.0 +- 9.1
17	175 3.6	19.3 +- 0.6; 2.9	No Net Data	20.9 +-27.6
18	158 3.7	19.7 +- 0.6; 3.0	No Net Data	16.1 +- 7.0
19	143 3.3	21.2 +- 0.6; 3.2	No Net Data	16.5 +-10.6
20	122 2.3	22.5 +- 0.7; 3.4	No Net Data	17.9 +-10.7
21	121 1.1	Missing Dosimeter	No Net Data	17.3 +-10.3
22	257 2.5	Missing Dosimeter	No Net Data	17.5 +- 5.1
23	262 4.5	Missing Dosimeter	No Net Data	20.2 +- 5.3
24	282 4.7	23.5 +- 0.7; 3.5	No Net Data	17.0 +- 2.7
25	304 5.8	21.2 +- 0.6; 3.2	No Net Data	18.2 +-12.4
26	242 5.4	22.4 +- 0.7; 3.4	No Net Data	18.7 +-10.4
27	223 5.0	23.5 +- 0.7; 3.5	No Net Data	17.8 +- 5.8
28	236 9.6	23.0 +- 0.7; 3.4	No Net Data	16.6 +-10.0
29	259 10.0	22.3 +- 0.7; 3.3	No Net Data	17.7 +- 8.5
30	291 6.2	21.6 +- 0.6; 3.2	No Net Data	18.6 +- 5.2
31 *	323 7.8	22.6 +- 0.7; 3.4	No Net Data	23.8 +-23.3
32 *	335 7.4	20.6 +- 0.6; 3.1	No Net Data	23.9 +-12.1
33	351 5.5	21.9 +- 0.7; 3.3	No Net Data	18.0 +-16.2
34	88 4.4	21.4 +- 0.6; 3.2	No Net Data	15.9 +- 2.7
35	89 6.7	21.5 +- 0.6; 3.2	No Net Data	15.3 +- 3.8
36	121 3.9	23.8 +- 0.7; 3.6	No Net Data	1.1 +- 4.3
37 *	145 8.8	20.7 +- 0.6; 3.1	No Net Data	1.8 +- 4.9
38	297 12.0	22.2 +- 0.7; 3.3	No Net Data	15.6 +- 3.3
39	321 9.0	23.5 +- 0.7; 3.5	No Net Data	20.6 +-13.1
40	353 12.0	Missing Dosimeter	No Net Data	15.2 +- 3.4
41	13 18.0	21.0 +- 0.6; 3.1	No Net Data	16.7 +- 3.1
42	21 5.7	22.2 +- 0.7; 3.3	No Net Data	17.6 +- 4.8
43	39 5.8	22.7 +- 0.7; 3.4	No Net Data	17.5 +- 2.6
44	53 5.1	24.5 +- 0.7; 3.7	No Net Data	20.0 +- 4.1
45	69 7.3	22.2 +- 0.7; 3.3	No Net Data	17.2 +- 9.6
46	66 17.0	25.0 +- 0.7; 3.7	No Net Data	20.6 +- 6.1

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

* Those TLDs marked with an asterisk, as well as those designated "Missing", were not placed in their normal locations during the first quarter of 1992. Refer to explanation in the Preface (page 2). Note also that the transit control TLD was missing, resulting in "No Net Data" for these TLDs.

SOUTH TEXAS
For the period 911202-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.2 +- 0.1	2
11.26 - 33.75 NNE	13.3 +- 0.1	2
33.76 - 56.25 NE	14.0 +- 0.7	3
56.26 - 78.75 ENE	14.1 +- 0.9	3
78.76 - 101.25 E	13.1 +- 0.2	3
101.26 - 123.75 ESE	14.0 +- 0.6	2
123.76 - 146.25 SE	12.7 +- 0.1	3
146.26 - 168.75 SSE	11.9 +- 0.0	1
168.76 - 191.25 S	13.5 +- 2.5	2
191.26 - 213.75 SSW	12.1 +- 0.0	1
213.76 - 236.25 SW	13.6 +- 0.7	3
236.26 - 258.75 WSW	13.0 +- 0.5	3
258.76 - 281.25 W	13.7 +- 1.2	3
281.26 - 303.75 WNW	14.1 +- 1.0	3
303.76 - 326.25 NW	13.6 +- 0.6	4
326.26 - 348.75 NNW	13.2 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.6 +- 0.9	14
2 - 5	13.0 +- 1.0	10
> 5	13.5 +- 0.7	16
Upwind Control	13.0 +- 0.5	2

ST. LUCIE
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920430 150 Days
 Field Time: 91 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	20	0.3	37.3	+ - 1.1; 5.6	11.4	+ - 1.5; 7.8	14.6	+ - 3.9
2	45	0.2	37.7	+ - 1.1; 5.7	11.9	+ - 1.5; 7.8	15.7	+ - 3.9
3	67	0.2	41.9	+ - 1.3; 6.3	16.0	+ - 1.6; 8.3	16.7	+ - 4.8
4	92	0.3	36.9	+ - 1.1; 5.5	11.1	+ - 1.5; 7.7	14.0	+ - 3.9
5	115	0.4	35.0	+ - 1.1; 5.3	9.2	+ - 1.4; 7.5	13.7	+ - 3.9
6	143	1.1	35.6	+ - 1.1; 5.3	9.8	+ - 1.4; 7.6	12.5	+ - 3.7
7	150	2.0	37.0	+ - 1.1; 5.5	11.1	+ - 1.5; 7.7	12.0	+ - 3.7
8	154	4.7	35.1	+ - 1.1; 5.3	9.3	+ - 1.4; 7.5	13.3	+ - 3.9
9	152	23.0	36.6	+ - 1.1; 5.5	10.8	+ - 1.5; 7.7	13.6	+ - 4.1
10	152	23.0	37.0	+ - 1.1; 5.6	11.2	+ - 1.5; 7.8	14.0	+ - 5.4
11	152	23.0	37.9	+ - 1.1; 5.7	12.0	+ - 1.5; 7.8	15.4	+ - 5.2
12	168	14.0	37.1	+ - 1.1; 5.6	11.3	+ - 1.5; 7.8	13.5	+ - 3.7
13	185	10.0	35.8	+ - 1.1; 5.4	10.0	+ - 1.4; 7.6	13.9	+ - 3.7
14	183	11.0	40.0	+ - 1.2; 6.1	14.7	+ - 1.6; 8.1	16.1	+ - 3.9
15	170	8.0	37.6	+ - 1.1; 5.6	11.8	+ - 1.5; 7.8	13.4	+ - 4.1
16	196	7.0	38.7	+ - 1.2; 5.8	12.8	+ - 1.5; 7.9	13.7	+ - 4.0
17	229	7.9	44.0	+ - 1.3; 6.6	18.1	+ - 1.6; 8.5	15.6	+ - 4.9
18	250	6.6	36.0	+ - 1.1; 5.4	10.2	+ - 1.5; 7.6	13.0	+ - 3.9
19	247	4.8	35.7	+ - 1.1; 5.5	10.9	+ - 1.5; 7.7	13.3	+ - 3.9
20	229	5.0	42.3	+ - 1.3; 6.3	16.4	+ - 1.6; 8.3	13.6	+ - 3.8
21	208	3.8	41.4	+ - 1.2; 6.2	15.5	+ - 1.6; 8.2	13.1	+ - 4.4
22	187	3.8	41.2	+ - 1.2; 6.2	15.4	+ - 1.6; 8.2	13.3	+ - 4.0
23	203	2.6	42.7	+ - 1.3; 6.4	16.8	+ - 1.6; 8.4	13.3	+ - 3.8
24	245	1.9	43.6	+ - 1.3; 6.5	17.7	+ - 1.6; 8.5	13.0	+ - 3.9
25	280	2.2	43.2	+ - 1.3; 6.5	17.3	+ - 1.6; 8.4	13.8	+ - 4.0
26	299	3.1	44.3	+ - 1.3; 6.7	18.5	+ - 1.6; 8.6	13.8	+ - 3.9
27	305	3.8	44.8	+ - 1.3; 6.7	18.9	+ - 1.7; 8.6	13.3	+ - 3.8
28	276	4.0	43.7	+ - 1.3; 6.6	17.9	+ - 1.6; 8.5	12.9	+ - 3.7
29	293	5.8	44.9	+ - 1.3; 6.7	19.0	+ - 1.7; 8.6	13.1	+ - 3.8
30	316	7.7	41.4	+ - 1.2; 6.2	15.5	+ - 1.6; 8.2	13.3	+ - 4.1
32	300	11.0	42.0	+ - 1.3; 6.3	16.1	+ - 1.6; 8.3	14.1	+ - 3.8
33	322	8.7	42.8	+ - 1.3; 6.4	16.9	+ - 1.6; 8.4	14.7	+ - 3.9
34	339	8.8	41.2	+ - 1.2; 6.2	15.3	+ - 1.6; 8.2	14.1	+ - 4.0
35	342	2.9	Missing Dosimeter		No Net Data		13.0	+ - 3.9
36	346	1.9	41.5	+ - 1.2; 6.2	15.6	+ - 1.6; 8.2	14.1	+ - 3.9
37	353	1.0	39.5	+ - 1.2; 5.9	13.6	+ - 1.5; 8.0	13.5	+ - 4.3
38	226	2.0	41.7	+ - 1.2; 6.2	15.8	+ - 1.6; 8.3	13.5	+ - 3.9

Transit Dose = 25.7 +- 1.0; 5.5

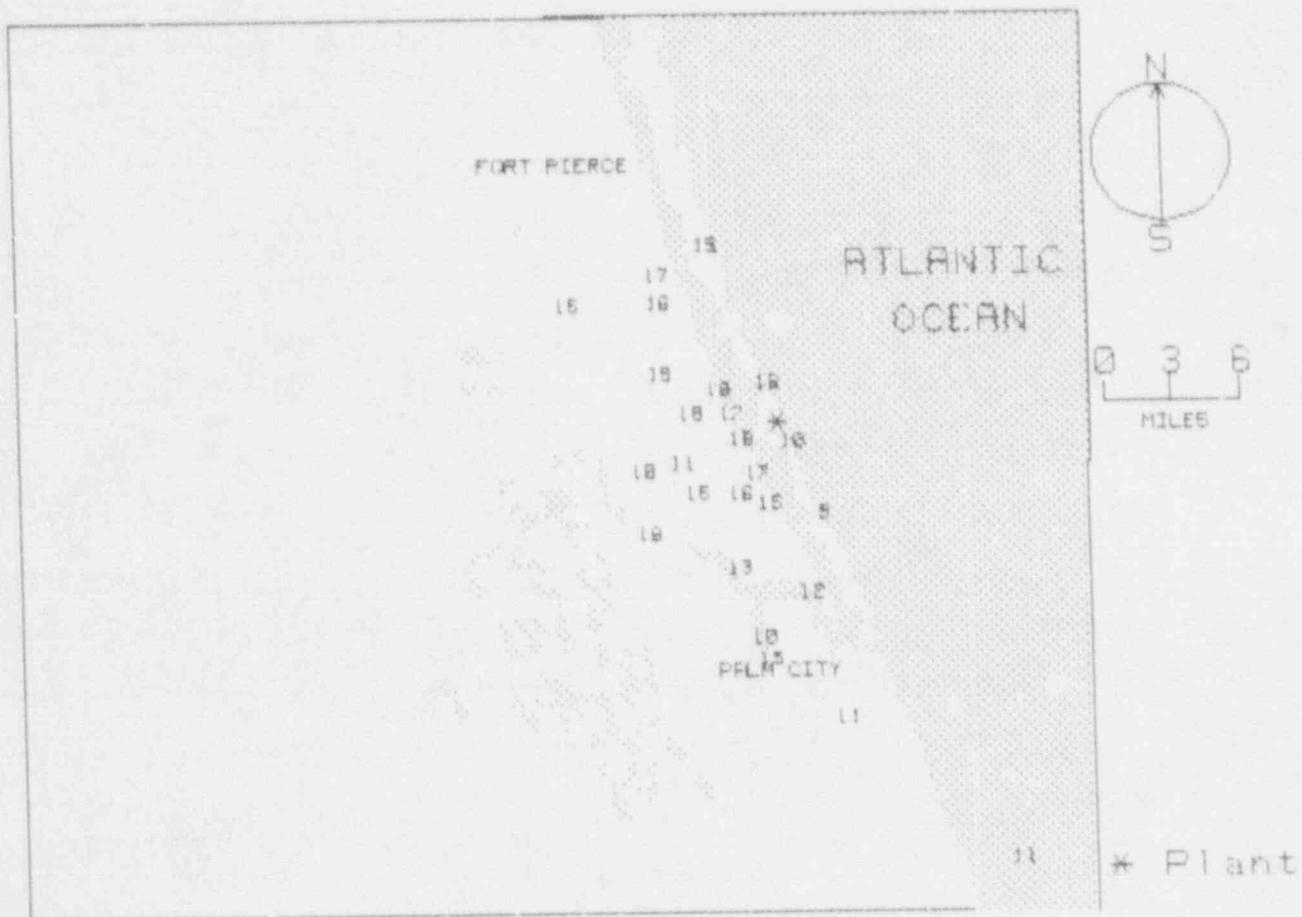
ST. LUCIE
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.6 +- 0.0	1
11.26 - 33.75 NNE	11.4 +- 0.0	1
33.76 - 56.25 NE	11.9 +- 0.0	1
56.26 - 78.75 ENE	16.0 +- 0.0	1
78.76 - 101.25 E	11.1 +- 0.0	1
101.26 - 123.75 ESE	9.2 +- 0.0	1
123.76 - 146.25 SE	9.8 +- 0.0	1
146.26 - 168.75 SSE	10.6 +- 1.1	3
168.76 - 191.25 S	13.0 +- 2.5	4
191.26 - 213.75 SSW	15.1 +- 2.0	3
213.76 - 236.25 SW	16.8 +- 1.2	3
236.26 - 258.75 WSW	13.0 +- 4.2	3
258.76 - 281.25 W	17.6 +- 0.4	2
281.26 - 303.75 WNW	17.9 +- 1.5	3
303.76 - 326.25 NW	17.1 +- 1.7	3
326.26 - 348.75 NNW	15.5 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.0 +- 2.9	11
2 - 5	15.7 +- 3.2	10
> 5	14.3 +- 3.0	12
Upwind Control	11.3 +- 0.6	3

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



SUMMER

TLD Direct Radiation Environmental Monitoring
 For the period 911203-920421 141 Days
 Field Time: 72 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	199	3.7	27.0 +- 0.8; 4.0	20.0 +- 1.2; 6.4	22.3 +- 2.6
2	111	1.0	28.5 +- 0.9; 4.3	21.9 +- 1.2; 6.7	20.1 +- 2.7
3	340	4.1	Missing Dosimeter	No Net Data	23.7 +- 3.0
4	192	9.3	28.4 +- 0.9; 4.3	21.7 +- 1.2; 6.6	21.4 +- 1.8
5	72	1.8	29.5 +- 0.9; 4.4	23.1 +- 1.3; 6.8	23.0 +- 2.7
6	54	1.5	28.5 +- 0.9; 4.3	21.8 +- 1.2; 6.7	22.3 +- 2.0
7	46	3.0	32.0 +- 1.0; 4.8	26.3 +- 1.4; 7.2	27.6 +- 2.7
8	31	3.0	35.1 +- 1.1; 5.3	30.1 +- 1.5; 7.7	28.4 +- 3.1
9	13	3.9	31.9 +- 1.0; 4.8	26.1 +- 1.4; 7.2	27.6 +- 2.2
10	7	4.0	32.4 +- 1.0; 4.9	26.7 +- 1.4; 7.3	26.2 +- 1.8
11	349	4.3	31.4 +- 0.9; 4.7	25.5 +- 1.3; 7.1	22.1 +- 3.4
12	323	5.0	31.5 +- 0.9; 4.7	25.7 +- 1.3; 7.1	24.6 +- 2.4
13	333	3.0	30.9 +- 0.9; 4.6	24.9 +- 1.3; 7.0	24.9 +- 2.0
14	255	2.8	25.1 +- 0.8; 3.8	17.6 +- 1.1; 6.2	19.5 +- 3.8
15	308	5.6	29.9 +- 0.9; 4.5	23.6 +- 1.3; 6.9	26.1 +- 2.2
16	64	3.5	34.4 +- 1.0; 5.2	29.3 +- 1.4; 7.6	26.4 +- 3.3
17	98	3.1	30.0 +- 0.9; 4.5	23.7 +- 1.3; 6.9	23.4 +- 2.1
18	114	3.5	28.6 +- 0.9; 4.3	22.1 +- 1.2; 6.7	23.0 +- 2.0
19	132	2.0	29.4 +- 0.9; 4.4	23.0 +- 1.3; 6.8	21.0 +- 2.1
20	152	4.5	24.6 +- 0.7; 3.7	17.0 +- 1.1; 6.1	14.4 +- 3.0
21	133	4.1	24.1 +- 0.7; 3.6	16.4 +- 1.1; 6.0	16.1 +- 1.9
22	157	2.4	24.3 +- 0.7; 3.7	16.7 +- 1.1; 6.0	18.0 +- 2.3
23	173	2.4	27.2 +- 0.8; 4.1	20.3 +- 1.2; 6.5	20.2 +- 2.3
24	185	3.9	24.9 +- 0.7; 3.7	17.3 +- 1.1; 6.1	19.6 +- 2.3
25	210	3.3	26.1 +- 0.8; 3.9	18.9 +- 1.2; 6.3	19.4 +- 1.9
26	217	3.3	24.5 +- 0.7; 3.7	16.8 +- 1.1; 6.1	17.8 +- 2.2
27	231	3.1	23.2 +- 0.7; 3.5	15.2 +- 1.1; 5.9	15.5 +- 2.4
28	267	2.7	29.7 +- 0.9; 4.4	23.3 +- 1.3; 6.8	22.5 +- 2.2
29	276	3.4	30.7 +- 0.9; 4.6	24.6 +- 1.3; 7.0	23.7 +- 1.9
30	293	3.8	30.0 +- 0.9; 4.5	23.8 +- 1.3; 6.9	25.6 +- 4.5
31	244	3.6	33.1 +- 1.0; 5.0	27.7 +- 1.4; 7.4	20.6 +- 3.4
32	247	6.2	32.7 +- 1.0; 4.9	27.1 +- 1.4; 7.3	23.3 +- 2.2
33	218	9.0	28.5 +- 0.9; 4.3	21.8 +- 1.2; 6.7	20.5 +- 2.1
34	192	9.3	28.4 +- 0.9; 4.3	21.7 +- 1.2; 6.6	20.6 +- 2.0
35	184	14.1	24.1 +- 0.7; 3.6	16.4 +- 1.1; 6.0	16.4 +- 2.0
36	183	14.6	22.6 +- 0.7; 3.4	14.5 +- 1.1; 5.8	15.6 +- 2.9
37	182	14.8	21.9 +- 0.7; 3.3	13.6 +- 1.0; 5.7	14.7 +- 3.1
38	148	20.8	Missing Dosimeter	No Net Data	21.5 +- 2.8
39	140	25.0	30.0 +- 0.9; 4.5	23.8 +- 1.3; 6.9	22.9 +- 2.5
40	135	23.1	24.9 +- 0.7; 3.7	17.4 +- 1.1; 6.1	20.5 +- 3.7

Transit Dose = 11.0 +- 0.5; 3.2

SUMMER

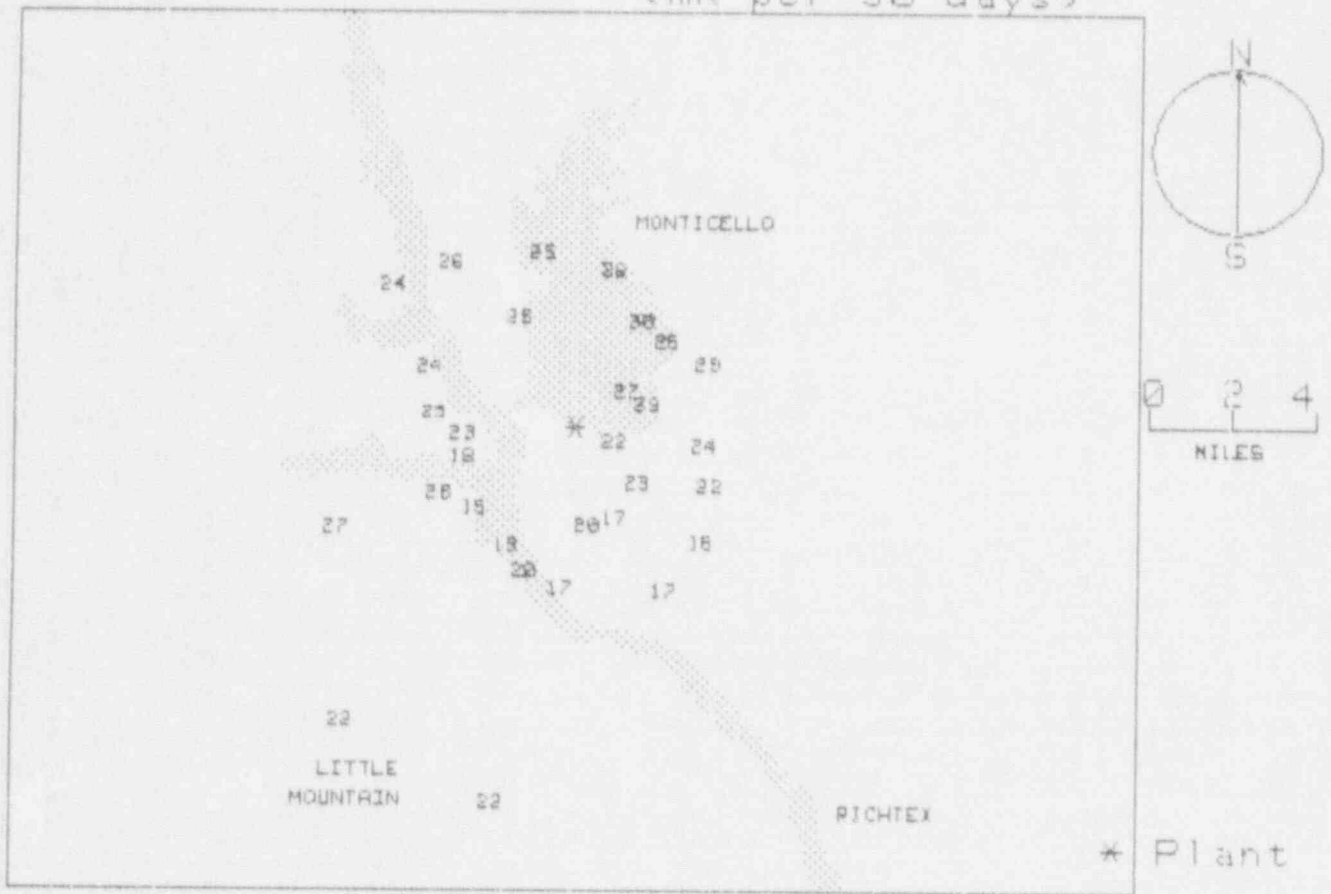
For the period 911203-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	26.1 +- 0.9	2
11.26 - 33.75 NNE	28.1 +- 2.8	2
33.76 - 56.25 NE	24.1 +- 3.1	2
56.26 - 78.75 ENE	26.2 +- 4.3	2
78.76 - 101.25 E	23.7 +- 0.0	1
101.26 - 123.75 ESE	22.0 +- 0.1	2
123.76 - 146.25 SE	20.1 +- 3.8	4
146.26 - 168.75 SSE	16.8 +- 0.2	2
168.76 - 191.25 S	18.8 +- 2.1	2
191.26 - 213.75 SSW	20.6 +- 1.4	4
213.76 - 236.25 SW	18.0 +- 3.4	3
236.26 - 258.75 WSW	24.1 +- 5.7	3
258.76 - 281.25 W	24.0 +- 0.9	2
281.26 - 303.75 WNW	23.8 +- 0.0	1
303.76 - 326.25 NW	24.6 +- 1.5	2
326.26 - 348.75 NNW	24.9 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	22.5 +- 0.7	4
2 - 5	22.3 +- 4.5	24
> 5	22.5 +- 3.0	7
Upwind Control	14.8 +- 1.4	3

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



SURRY

TLD Direct Radiation Environmental Monitoring

For the period 911203-920428 148 Days

Field Time: 90 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	18	19.0	20.4	+- 0.6; 3.1	13.9	+- 0.7; 4.4	15.8	+- 1.2
2	129	17.0	23.2	+- 0.7; 3.5	16.7	+- 0.8; 4.7	17.4	+- 1.3
3	162	17.0	22.3	+- 0.7; 3.3	15.8	+- 0.8; 4.6	16.0	+- 1.5
4	162	17.0	19.5	+- 0.6; 2.9	13.0	+- 0.7; 4.3	13.2	+- 1.7
5	156	5.1	23.9	+- 0.7; 3.6	17.4	+- 0.8; 4.8	17.9	+- 1.4
6	189	4.1	20.7	+- 0.6; 3.1	14.2	+- 0.7; 4.4	14.8	+- 1.7
7	202	2.2	21.1	+- 0.6; 3.2	14.6	+- 0.8; 4.5	14.7	+- 1.6
8	183	1.6	23.2	+- 0.7; 3.5	16.7	+- 0.8; 4.7	17.3	+- 1.4
9	243	0.2	26.6	+- 0.8; 4.0	20.2	+- 0.9; 5.1	20.3	+- 1.6
10	269	0.1	27.1	+- 0.8; 4.1	20.6	+- 0.9; 5.2	23.6	+- 2.5
11	304	0.1	26.4	+- 0.8; 4.0	20.0	+- 0.9; 5.1	24.6	+- 3.3
12	334	0.2	29.4	+- 0.9; 4.4	22.9	+- 1.0; 5.4	23.8	+- 2.5
13	10	1.2	21.7	+- 0.7; 3.3	15.2	+- 0.8; 4.5	16.5	+- 1.5
14	21	2.0	22.2	+- 0.7; 3.3	15.7	+- 0.8; 4.6	16.9	+- 1.5
15	203	4.5	21.5	+- 0.6; 3.2	15.1	+- 0.8; 4.5	15.2	+- 1.5
16	224	3.7	20.5	+- 0.6; 3.1	14.0	+- 0.7; 4.4	14.0	+- 1.4
17	212	2.0	23.2	+- 0.7; 3.5	16.7	+- 0.8; 4.7	17.2	+- 1.6
18	248	5.1	21.5	+- 0.6; 3.2	15.0	+- 0.8; 4.5	14.7	+- 1.6
19	259	8.1	21.8	+- 0.7; 3.3	15.4	+- 0.8; 4.6	15.3	+- 2.5
20	285	5.0	15.8	+- 0.5; 2.4	9.4	+- 0.6; 4.0	11.0	+- 1.7
21	270	4.1	24.4	+- 0.7; 3.7	18.0	+- 0.8; 4.8	18.8	+- 1.6
22	123	12.0	24.8	+- 0.7; 3.7	18.3	+- 0.9; 4.9	21.3	+- 2.7
23	102	11.0	28.5	+- 0.9; 4.3	22.0	+- 1.0; 5.3	23.2	+- 2.0
24	106	4.9	23.6	+- 0.7; 3.5	17.2	+- 0.8; 4.8	17.9	+- 1.6
25	90	5.2	22.9	+- 0.7; 3.4	16.5	+- 0.8; 4.7	17.0	+- 1.6
26	69	5.1	26.9	+- 0.8; 4.0	20.4	+- 0.9; 5.1	21.5	+- 1.7
27	23	5.3	24.5	+- 0.7; 3.7	18.1	+- 0.8; 4.9	18.4	+- 1.6
28	49	5.0	24.6	+- 0.7; 3.7	18.2	+- 0.8; 4.9	18.8	+- 1.7
29	7	6.8	23.2	+- 0.7; 3.5	16.7	+- 0.8; 4.7	18.1	+- 1.5
30	359	6.5	21.6	+- 0.6; 3.2	15.1	+- 0.8; 4.5	15.8	+- 1.6
31	1	4.6	Missing Dosimeter		No Net Data		13.5	+- 2.8
32	332	3.8	22.0	+- 0.7; 3.3	15.5	+- 0.8; 4.6	16.7	+- 1.9
33	314	5.4	22.3	+- 0.7; 3.3	15.8	+- 0.8; 4.6	17.8	+- 1.3
34	308	6.4	22.6	+- 0.7; 3.4	16.1	+- 0.8; 4.6	16.6	+- 1.7
35	348	5.3	21.8	+- 0.7; 3.3	15.3	+- 0.8; 4.6	15.5	+- 1.5
36	43	15.0	23.2	+- 0.7; 3.5	16.7	+- 0.8; 4.7	16.0	+- 1.6
37	340	15.0	20.3	+- 0.6; 3.0	13.8	+- 0.7; 4.4	14.5	+- 1.5
38	39	16.0	24.9	+- 0.7; 3.7	18.4	+- 0.9; 4.9	15.6	+- 2.5
39	153	1.9	23.6	+- 0.7; 3.5	17.1	+- 0.8; 4.7	18.7	+- 1.6
40	144	2.1	21.9	+- 0.7; 3.3	15.4	+- 0.8; 4.6	16.0	+- 1.6

Transit Dose = 6.5 +- 0.4; 3.2

SURRY

For the period 911203-920428

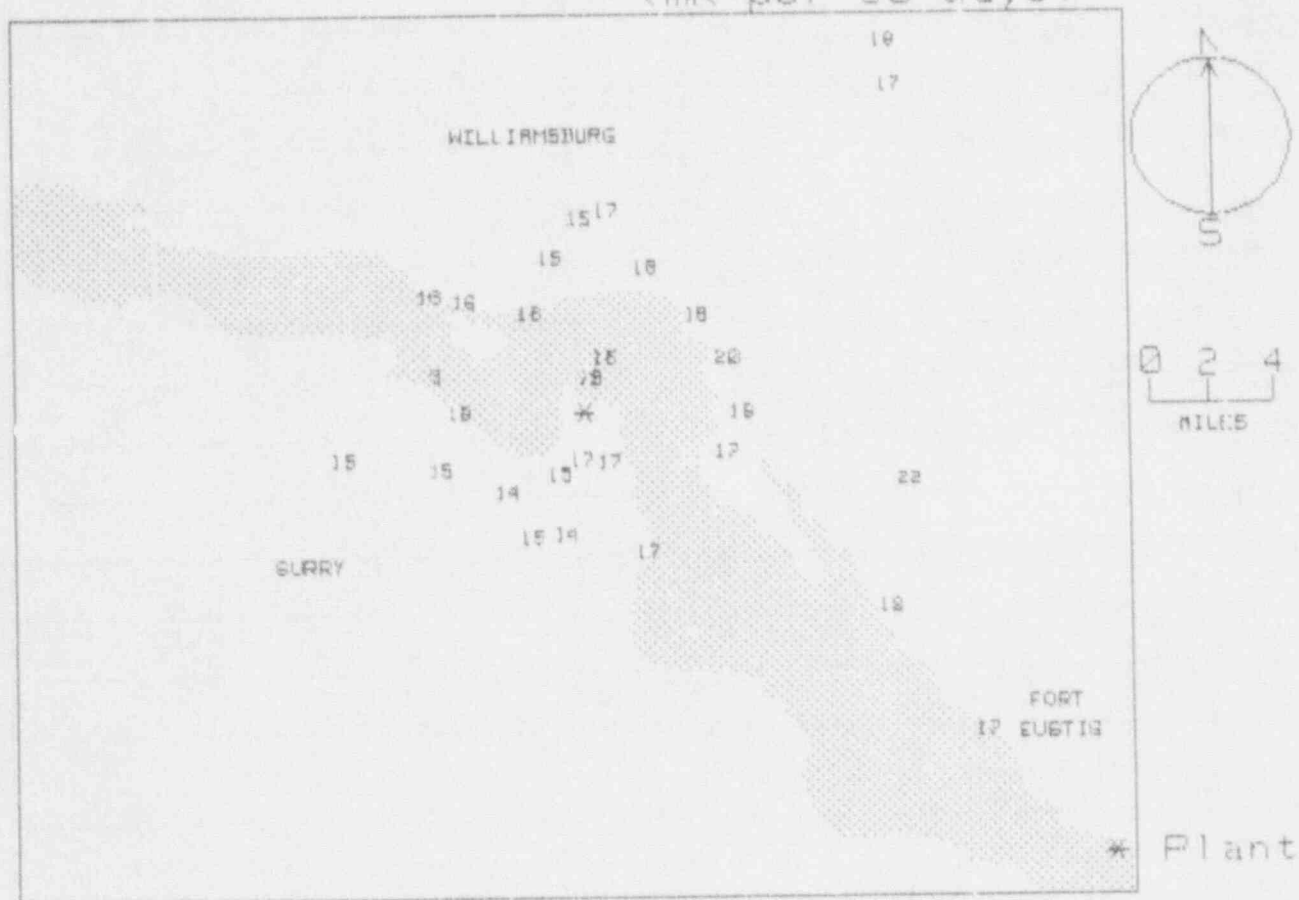
TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.7 +- 0.9	3
11.26 - 33.75 NNE	15.9 +- 2.1	3
33.76 - 56.25 NE	18.2 +- 0.0	1
56.26 - 78.75 ENE	20.4 +- 0.0	1
78.76 - 101.25 E	16.5 +- 0.0	1
101.26 - 123.75 ESE	19.2 +- 2.6	3
123.76 - 146.25 SE	16.1 +- 0.9	2
146.26 - 168.75 SSE	15.8 +- 2.0	4
168.76 - 191.25 S	15.5 +- 1.8	2
191.26 - 213.75 SSW	15.5 +- 1.1	3
213.76 - 236.25 SW	14.0 +- 0.0	1
236.26 - 258.75 WSW	17.6 +- 3.7	2
258.76 - 281.25 W	18.0 +- 2.6	3
281.26 - 303.75 WNW	9.4 +- 0.0	1
303.76 - 326.25 NW	17.3 +- 2.3	3
326.26 - 348.75 NNW	17.9 +- 4.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.4 +- 2.6	9
2 - 5	15.1 +- 2.5	10
> 5	16.6 +- 2.2	17
Upwind Control	16.3 +- 2.3	3

NRC TLD DOSES FOR SURRY AREA

(mR per 90 days)



SUSQUEHANNA

TLD Direct Radiation Environmental Monitoring
 For the period 911204-920421 140 Days
 Field Time: 99 Days

NRC Sta	Location		Gross Exposure (mR)			Net Exposure Rate (mR/Std. Qtr.)			Hist. Range Net Exp Rate		
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.			+-Rdm; Tot.			+-1 Std Dev		
1	19	1.4	23.1	+-	0.7; 3.5	18.1	+-	0.7; 4.2	18.8	+-	2.6
2	358	1.4	23.7	+-	0.7; 3.6	18.6	+-	0.7; 4.3	18.9	+-	2.0
3	332	1.6	21.6	+-	0.6; 3.2	16.7	+-	0.7; 4.1	17.7	+-	1.8
4	315	1.8	22.6	+-	0.7; 3.4	17.6	+-	0.7; 4.2	17.3	+-	2.0
5	287	1.7	23.5	+-	0.7; 3.5	18.4	+-	0.7; 4.3	18.9	+-	1.9
6	270	1.3	23.4	+-	0.7; 3.5	18.3	+-	0.7; 4.3	18.8	+-	1.9
7	239	1.8	24.2	+-	0.7; 3.6	19.1	+-	0.7; 4.4	17.7	+-	1.8
8	217	2.0	26.6	+-	0.8; 4.0	21.2	+-	0.8; 4.6	21.1	+-	2.1
9	201	1.5	23.9	+-	0.7; 3.6	18.8	+-	0.7; 4.3	18.9	+-	2.0
10	185	1.3	22.3	+-	0.7; 3.3	17.3	+-	0.7; 4.2	17.2	+-	1.5
11	243	5.1	24.6	+-	0.7; 3.7	19.4	+-	0.7; 4.4	18.9	+-	2.0
12	252	4.6	23.5	+-	0.7; 3.5	18.4	+-	0.7; 4.3	18.1	+-	1.7
13	274	3.4	26.6	+-	0.8; 4.0	21.3	+-	0.8; 4.6	20.9	+-	1.8
14	286	3.6	25.5	+-	0.8; 3.8	20.2	+-	0.8; 4.5	19.4	+-	2.0
15	1	3.9	26.1	+-	0.8; 3.9	20.7	+-	0.8; 4.6	19.9	+-	2.0
16	334	4.1	24.2	+-	0.7; 3.6	19.0	+-	0.7; 4.4	19.5	+-	2.1
17	312	4.4	22.9	+-	0.7; 3.4	17.9	+-	0.7; 4.2	18.5	+-	2.0
18	33	5.0	24.7	+-	0.7; 3.7	19.5	+-	0.7; 4.4	19.4	+-	1.6
19	45	9.9	25.4	+-	0.8; 3.8	20.1	+-	0.8; 4.5	19.5	+-	1.7
20	65	4.7	26.2	+-	0.8; 3.9	20.9	+-	0.8; 4.6	20.7	+-	1.9
21	43	3.3	27.2	+-	0.8; 4.1	21.8	+-	0.8; 4.7	21.4	+-	1.9
22	33	0.9	24.3	+-	0.7; 3.6	19.1	+-	0.7; 4.4	17.8	+-	2.4
23	57	1.2	23.5	+-	0.7; 3.5	18.5	+-	0.7; 4.3	17.4	+-	1.6
24	87	1.4	24.7	+-	0.7; 3.7	19.5	+-	0.7; 4.4	19.0	+-	1.8
25	111	1.4	23.1	+-	0.7; 3.5	18.0	+-	0.7; 4.2	18.6	+-	2.1
26	137	1.5	23.9	+-	0.7; 3.6	18.8	+-	0.7; 4.3	18.9	+-	1.9
27	152	1.5	25.8	+-	0.8; 3.9	20.5	+-	0.8; 4.5	19.5	+-	1.8
28	107	3.6	26.0	+-	0.8; 3.9	20.7	+-	0.8; 4.5	21.4	+-	5.7
29	99	4.3	24.7	+-	0.7; 3.7	19.5	+-	0.7; 4.4	20.3	+-	2.0
30	138	3.6	25.8	+-	0.8; 3.9	20.5	+-	0.8; 4.5	20.3	+-	2.1
31	162	3.4	27.0	+-	0.8; 4.0	21.6	+-	0.8; 4.6	21.5	+-	2.5
32	176	3.5	24.7	+-	0.7; 3.7	19.5	+-	0.7; 4.4	20.0	+-	2.2
33	192	3.2	26.1	+-	0.8; 3.9	20.8	+-	0.8; 4.6	21.0	+-	2.1
34	231	4.4	24.7	+-	0.7; 3.7	19.5	+-	0.7; 4.4	19.4	+-	2.3
35	134	12.3	25.8	+-	0.8; 3.9	20.5	+-	0.8; 4.5	19.6	+-	2.3
36	114	13.5	26.9	+-	0.8; 4.0	21.5	+-	0.8; 4.6	21.8	+-	2.3
37	150	15.6	24.4	+-	0.7; 3.7	19.2	+-	0.7; 4.4	19.0	+-	2.0

Transit Dose = 3.2 +- 0.3; 3.1

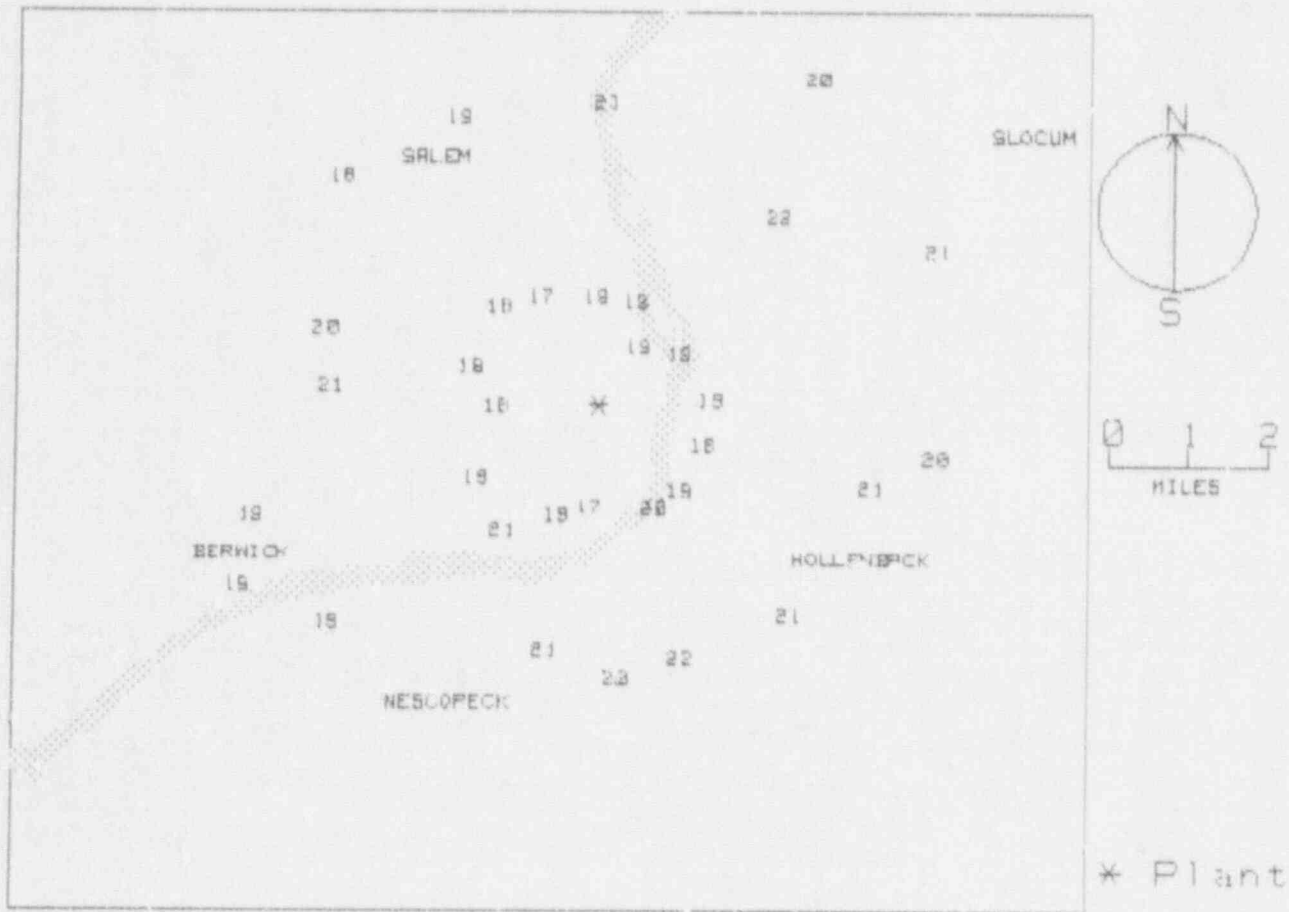
SUSQUEHANNA
For the period 911204-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.7 +- 1.5	2
11.26 - 33.75 NNE	18.9 +- 0.7	3
33.76 - 56.25 NE	20.9 +- 1.2	2
56.26 - 78.75 ENE	19.7 +- 1.7	2
78.76 - 101.25 E	19.5 +- 0.0	2
101.26 - 123.75 FSE	19.3 +- 1.8	2
123.76 - 146.25 SE	19.6 +- 1.2	2
146.26 - 168.75 SSE	21.0 +- 0.8	2
168.76 - 191.25 S	18.4 +- 1.6	2
191.26 - 213.75 SSW	19.8 +- 1.4	2
213.76 - 236.25 SW	20.4 +- 1.2	2
236.26 - 258.75 WSW	19.0 +- 0.5	3
258.76 - 281.25 W	19.8 +- 2.1	2
281.26 - 303.75 WNW	19.3 +- 1.3	2
303.76 - 326.25 NW	17.7 +- 0.2	2
326.26 - 348.75 NNW	17.8 +- 1.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 1.1	16
2 - 5	20.1 +- 1.1	16
> 5	19.8 +- 0.5	2
Upwind Control	20.4 +- 1.1	3

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



THREE MILE ISLAND
 TLD Direct Radiation Environmental Monitoring
 For the period 911204-920421 140 Days
 Field Time: 98 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	95	5.9	21.7	+- 0.7; 3.3	16.7	+- 0.7; 4.1	15.8	+- 2.0
2	102	3.9	24.4	+- 0.7; 3.7	19.2	+- 0.7; 4.4	18.2	+- 1.9
3	110	2.7	17.3	+- 0.5; 2.6	12.7	+- 0.6; 3.7	14.5	+- 2.9
4	162	1.8	20.7	+- 0.6; 3.1	15.8	+- 0.7; 4.0	15.3	+- 2.0
5	161	2.3	20.5	+- 0.6; 3.1	15.6	+- 0.6; 4.0	15.3	+- 1.9
6	152	1.1	21.3	+- 0.6; 3.2	16.4	+- 0.7; 4.1	16.2	+- 1.9
7	123	0.5	19.2	+- 0.6; 2.9	14.4	+- 0.6; 3.9	14.5	+- 1.9
8	87	0.4	19.4	+- 0.6; 2.9	14.7	+- 0.6; 3.9	15.1	+- 1.9
9	61	0.5	20.0	+- 0.6; 3.0	15.2	+- 0.6; 4.0	15.0	+- 1.8
10	1	1.7	20.6	+- 0.6; 3.1	15.7	+- 0.7; 4.0	15.0	+- 2.2
11	27	0.8	20.3	+- 0.6; 3.0	15.5	+- 0.6; 4.0	15.0	+- 2.0
12	48	1.0	20.8	+- 0.6; 3.1	15.9	+- 0.7; 4.1	15.4	+- 2.2
13	19	2.0	21.0	+- 0.6; 3.2	16.1	+- 0.7; 4.1	15.7	+- 2.1
14	358	2.4	19.5	+- 0.6; 2.9	14.7	+- 0.6; 3.9	14.2	+- 2.1
15	132	9.0	23.6	+- 0.7; 3.5	18.5	+- 0.7; 4.3	18.1	+- 2.2
16	0	3.0	18.1	+- 0.5; 2.7	13.5	+- 0.6; 3.8	14.5	+- 2.1
18	347	3.5	21.6	+- 0.7; 3.7	19.4	+- 0.7; 4.4	18.1	+- 2.1
19	343	3.1	22.1	+- 0.7; 3.3	17.1	+- 0.7; 4.2	16.3	+- 1.9
20	318	5.0	20.9	+- 0.6; 3.1	16.0	+- 0.7; 4.1	15.0	+- 2.1
21	348	2.7	17.7	+- 0.5; 2.7	13.1	+- 0.6; 3.8	12.3	+- 2.0
22	17	3.1	21.3	+- 0.6; 3.2	16.4	+- 0.7; 4.1	15.8	+- 1.8
23	64	3.7	17.8	+- 0.5; 2.7	13.2	+- 0.6; 3.8	12.8	+- 2.0
24	44	3.6	22.2	+- 0.7; 3.3	17.2	+- 0.7; 4.2	16.6	+- 2.1
25	327	0.4	26.4	+- 0.8; 4.0	21.1	+- 0.8; 4.6	15.3	+- 4.7
27	7	7.1	25.6	+- 0.8; 3.8	20.3	+- 0.8; 4.5	20.2	+- 2.2
29	293	0.4	30.5	+- 0.9; 4.6	24.8	+- 0.9; 5.1	18.6	+- 5.0
30	314	1.1	33.8	+- 1.0; 5.1	27.9	+- 1.0; 5.5	20.2	+- 5.7
31	303	8.6	18.2	+- 0.5; 2.7	13.6	+- 0.6; 3.8	13.8	+- 1.8
32	297	7.6	22.4	+- 0.7; 3.4	17.4	+- 0.7; 4.2	17.1	+- 1.9
33	302	5.8	17.9	+- 0.5; 2.7	13.2	+- 0.6; 3.8	13.8	+- 2.1
34	296	2.3	20.9	+- 0.6; 3.1	16.1	+- 0.7; 4.1	16.1	+- 2.2
35	308	1.8	21.9	+- 0.7; 3.3	16.9	+- 0.7; 4.2	16.1	+- 1.8
36	265	1.2	18.0	+- 0.5; 2.7	13.3	+- 0.6; 3.8	12.5	+- 2.1
37	256	1.4	18.4	+- 0.6; 2.8	13.8	+- 0.6; 3.8	13.5	+- 2.0
38	225	1.9	21.6	+- 0.6; 3.2	16.7	+- 0.7; 4.1	16.9	+- 1.7
39	204	2.0	18.2	+- 0.5; 2.7	13.5	+- 0.6; 3.8	12.9	+- 2.0
40	202	2.5	18.5	+- 0.6; 2.8	13.8	+- 0.6; 3.8	14.5	+- 2.0
41	184	12.6	21.3	+- 0.6; 3.2	16.4	+- 0.7; 4.1	16.1	+- 2.5
42	259	7.4	21.1	+- 0.6; 3.2	16.2	+- 0.7; 4.1	15.9	+- 1.7
43	268	6.2	20.2	+- 0.6; 3.0	15.4	+- 0.6; 4.0	17.2	+- 3.1
44	249	4.3	19.7	+- 0.6; 3.0	14.9	+- 0.6; 3.9	14.8	+- 2.1
45	221	0.5	24.2	+- 0.7; 3.6	19.0	+- 0.7; 4.4	17.2	+- 5.4
46	171	3.0	20.7	+- 0.6; 3.1	15.8	+- 0.7; 4.0	14.7	+- 2.6
47	177	5.7	20.9	+- 0.6; 3.1	16.0	+- 0.7; 4.1	15.4	+- 2.2
48	181	9.1	27.8	+- 0.8; 4.2	22.3	+- 0.8; 4.8	22.1	+- 2.6
49	199	1.	31.3	+- 0.9; 4.7	25.5	+- 0.9; 5.2	17.9	+- 5.4
50	145	4.9	25.0	+- 0.8; 3.8	19.8	+- 0.8; 4.5	16.2	+- 2.8

Transit Dose = 3.5 +- 0.3; 3.1

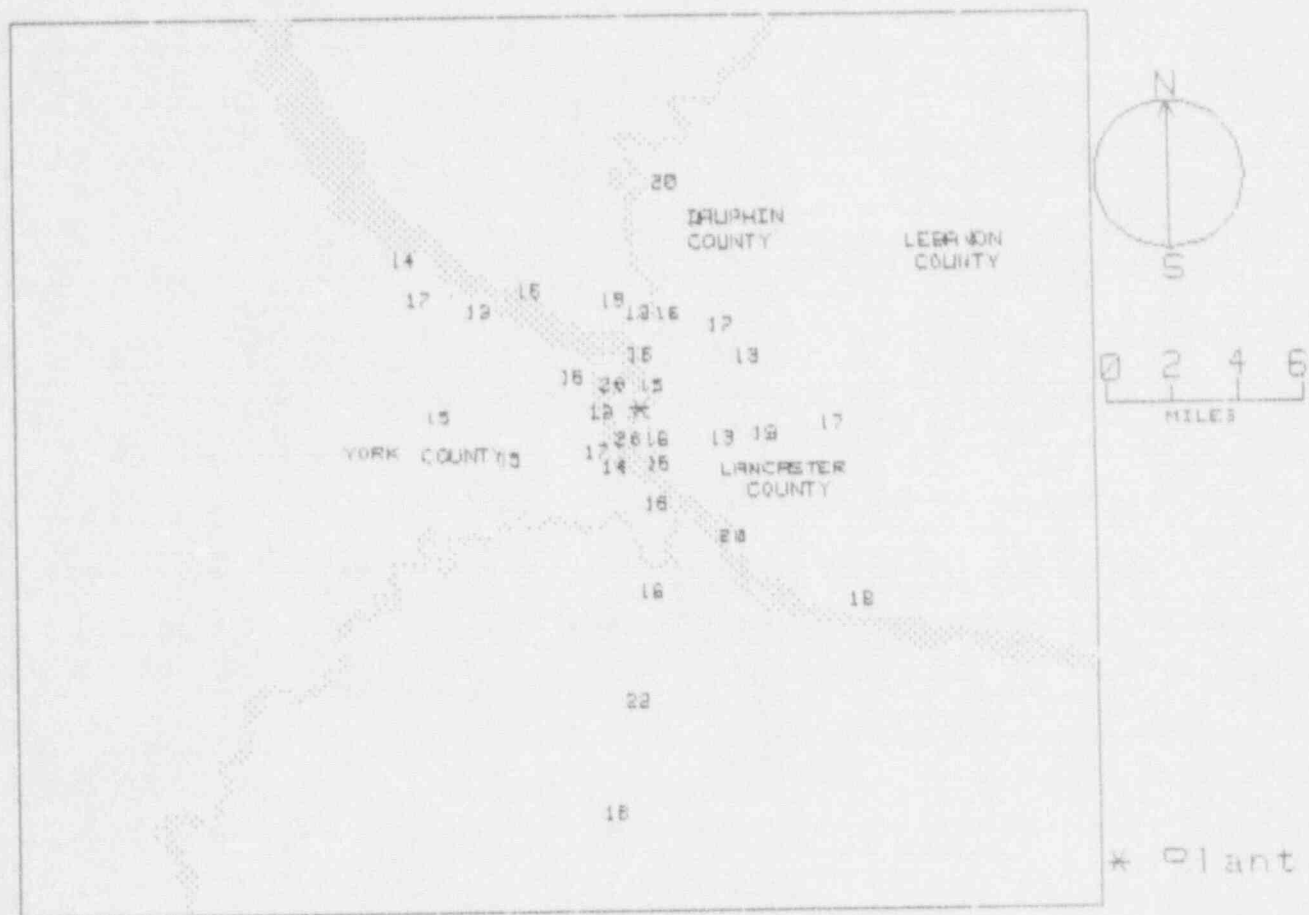
THREE MILE ISLAND
For the period 911204-920421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.1 +- 3.0	4
11.26 - 33.75 NNE	16.0 +- 0.5	3
33.76 - 56.25 NE	16.6 +- 0.9	2
56.26 - 78.75 ENE	14.2 +- 1.4	2
78.76 - 101.25 E	15.7 +- 1.5	2
101.26 - 123.75 ESE	15.5 +- 3.4	3
123.76 - 146.25 SE	19.2 +- 0.9	2
146.26 - 168.75 SSE	16.0 +- 0.4	3
168.76 - 191.25 S	17.6 +- 3.1	4
191.26 - 213.75 SSW	17.6 +- 6.9	3
213.76 - 236.25 SW	17.8 +- 1.7	2
236.26 - 258.75 WSW	14.9 +- 0.0	1
258.76 - 281.25 W	15.8 +- 0.6	2
281.26 - 303.75 WNW	17.0 +- 4.7	5
303.76 - 326.25 NW	21.9 +- 8.4	2
326.26 - 348.75 NNW	17.7 +- 3.5	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 4.4	16
2 - 5	15.8 +- 2.2	17
> 5	16.9 +- 2.7	11
Upwind Control	14.7 +- 2.0	3

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



TROJAN

TLD Direct Radiation Environmental Monitoring

For the period 911201-920422 144 Days

Field Time: 90 Days

NRC Sta	Location Azimuth/Dist. (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	340 0.6	19.5 +- 0.6; 2.9	13.7 +- 0.7; 4.3	12.0 +- 1.0
2	334 1.5	20.1 +- 0.6; 3.0	14.3 +- 0.7; 4.3	14.6 +- 0.9
3	340 1.7	17.2 +- 0.5; 2.6	11.4 +- 0.7; 4.0	11.7 +- 0.8
4	328 3.9	Missing Dosimeter	No Net Data	12.7 +- 1.1
5	308 4.6	21.0 +- 0.6; 3.2	15.2 +- 0.7; 4.4	14.3 +- 1.2
6	312 4.5	Missing Dosimeter	No Net Data	15.1 +- 1.8
7	267 4.6	20.8 +- 0.6; 3.1	15.0 +- 0.7; 4.4	14.6 +- 1.0
8	274 3.8	20.2 +- 0.6; 3.0	14.4 +- 0.7; 4.3	15.4 +- 1.1
9	279 1.7	20.8 +- 0.6; 3.1	15.0 +- 0.7; 4.4	14.4 +- 1.3
10	263 2.0	21.1 +- 0.6; 3.2	15.3 +- 0.7; 4.4	15.1 +- 0.9
11	245 1.6	20.5 +- 0.6; 3.1	14.7 +- 0.7; 4.4	16.3 +- 1.8
12	223 1.2	22.0 +- 0.7; 3.3	16.2 +- 0.8; 4.5	16.5 +- 1.6
13	196 1.1	20.9 +- 0.6; 3.1	15.1 +- 0.7; 4.4	15.3 +- 1.1
14	180 1.2	20.1 +- 0.6; 3.0	14.3 +- 0.7; 4.3	14.3 +- 1.2
15	165 1.7	18.3 +- 0.5; 2.7	12.5 +- 0.7; 4.1	13.4 +- 1.4
16	212 3.9	22.6 +- 0.7; 3.4	16.8 +- 0.8; 4.6	16.0 +- 2.2
17	230 3.5	Missing Dosimeter	No Net Data	15.9 +- 1.3
18	162 9.3	21.2 +- 0.6; 3.2	15.4 +- 0.7; 4.4	15.7 +- 1.4
19	172 5.0	21.0 +- 0.6; 3.2	15.2 +- 0.7; 4.4	16.3 +- 1.5
20	334 5.8	18.4 +- 0.6; 2.8	12.6 +- 0.7; 4.1	12.9 +- 1.4
21	345 5.5	19.3 +- 0.6; 2.9	13.5 +- 0.7; 4.2	13.6 +- 1.3
22	356 5.5	17.2 +- 0.5; 2.6	11.4 +- 0.7; 4.0	12.5 +- 1.5
23	8 3.9	16.2 +- 0.5; 2.4	10.4 +- 0.6; 3.9	12.2 +- 1.5
24	15 3.7	19.3 +- 0.6; 2.9	13.5 +- 0.7; 4.2	13.3 +- 1.3
25	27 1.9	16.9 +- 0.5; 2.5	11.1 +- 0.6; 4.0	12.3 +- 1.4
26	37 2.1	20.3 +- 0.6; 3.0	14.5 +- 0.7; 4.3	14.9 +- 1.6
27	60 2.9	20.5 +- 0.6; 3.1	14.7 +- 0.7; 4.4	15.1 +- 1.3
28	55 4.5	19.0 +- 0.6; 2.9	13.2 +- 0.7; 4.2	13.7 +- 1.8
29	69 1.6	16.6 +- 0.5; 2.5	10.8 +- 0.6; 4.0	13.3 +- 2.1
30	83 3.9	18.4 +- 0.6; 2.8	12.6 +- 0.7; 4.2	12.7 +- 1.4
31	93 2.7	21.2 +- 0.6; 3.2	15.4 +- 0.7; 4.4	15.4 +- 1.4
32	119 2.2	20.8 +- 0.6; 3.1	15.0 +- 0.7; 4.4	15.5 +- 1.5
33	106 5.3	23.1 +- 0.7; 3.5	17.3 +- 0.8; 4.7	14.7 +- 2.9
34	134 2.5	17.4 +- 0.5; 2.6	11.6 +- 0.7; 4.1	12.5 +- 1.4
35	145 4.7	19.5 +- 0.6; 2.9	13.7 +- 0.7; 4.3	13.0 +- 1.4
36	270 17.0	21.0 +- 0.6; 3.2	15.2 +- 0.7; 4.4	15.7 +- 2.5
37	270 17.0	22.9 +- 0.7; 3.4	17.1 +- 0.8; 4.6	16.8 +- 2.4
38	270 17.0	22.0 +- 0.7; 3.3	16.2 +- 0.8; 4.5	16.4 +- 1.6

Transit Dose = 5.8 +- 0.4; 3.1

TROJAN

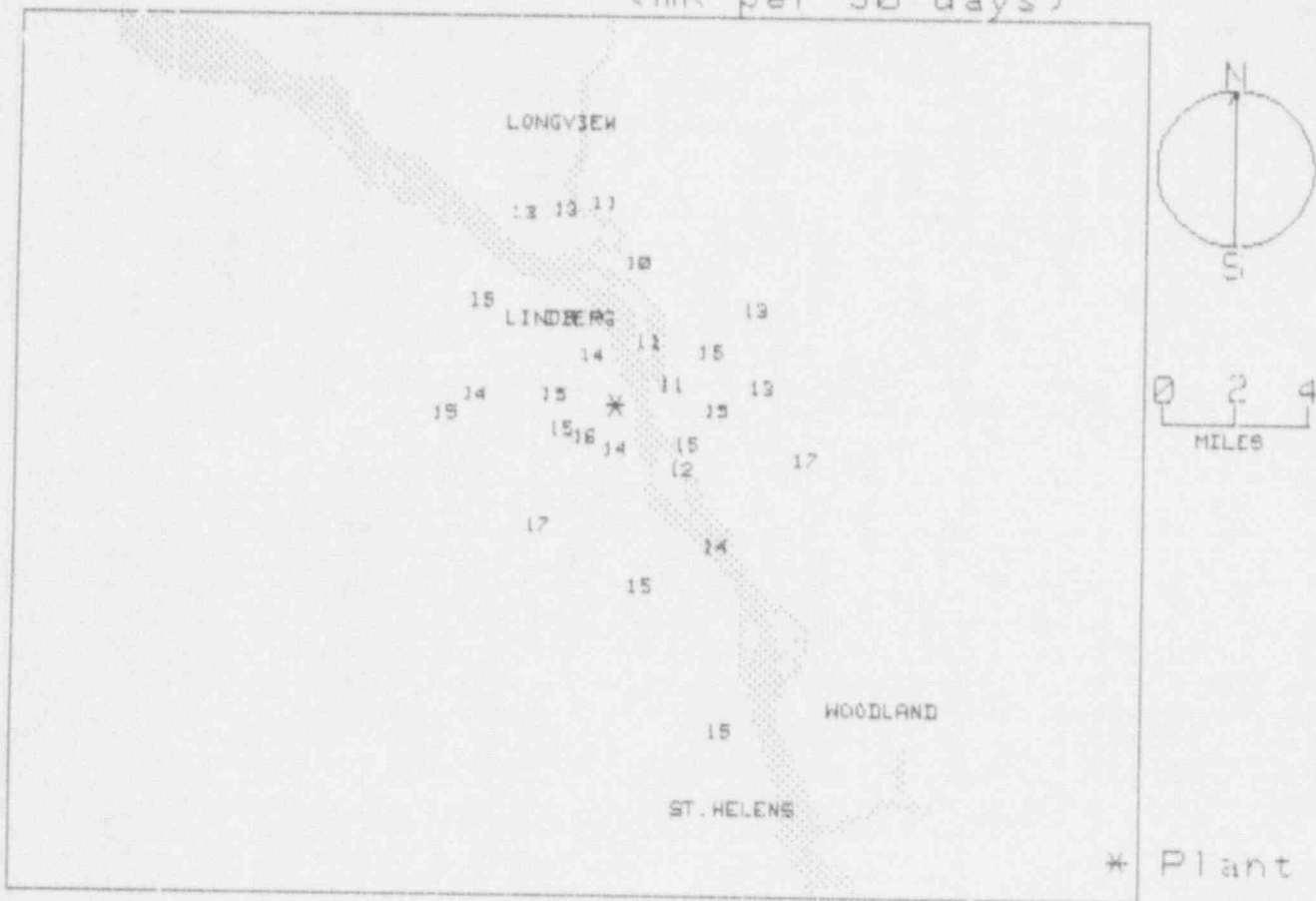
For the period 911201-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	10.9 +- 0.7	2
11.26 - 33.75 NNE	12.3 +- 1.7	2
33.76 - 56.25 NE	13.9 +- 0.9	2
56.26 - 78.75 ENE	12.7 +- 2.7	2
78.76 - 101.25 E	14.0 +- 2.0	2
101.26 - 123.75 ESE	16.2 +- 1.6	2
123.76 - 146.25 SE	12.7 +- 1.4	2
146.26 - 168.75 SSE	13.9 +- 2.0	2
168.76 - 191.25 S	14.8 +- 0.7	2
191.26 - 213.75 SSW	15.9 +- 1.2	2
213.76 - 236.25 SW	16.2 +- 0.0	1
236.26 - 258.75 WSW	14.7 +- 0.0	1
258.76 - 281.25 W	14.9 +- 0.4	4
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	15.2 +- 0.0	1
326.26 - 348.75 NNW	13.1 +- 1.1	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.7 +- 1.8	12
2 - 5	14.1 +- 1.6	15
> 5	14.0 +- 2.4	5
Upwind Control	16.2 +- 0.9	3

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



TURKEY POINT
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920430 150 Days
 Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi,	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	310 1.3	41.6 +- 1.2; 6.2	10.8 +- 1.7; 8.7	12.0 +- 3.8
2	292 2.4	39.5 +- 1.2; 5.9	8.7 +- 1.6; 8.5	12.5 +- 3.9
3	340 1.9	41.1 +- 1.2; 6.2	10.3 +- 1.7; 8.7	12.5 +- 4.3
4	354 2.0	42.6 +- 1.3; 6.4	11.8 +- 1.7; 8.8	12.1 +- 4.3
5	314 3.8	40.9 +- 1.2; 6.1	10.1 +- 1.7; 8.6	12.1 +- 3.8
6	331 4.2	Missing Dosimeter	No Net Data	11.4 +- 3.7
7	291 5.4	39.0 +- 1.2; 5.8	8.2 +- 1.6; 8.4	12.5 +- 4.1
8	263 5.1	41.5 +- 1.2; 6.2	10.7 +- 1.7; 8.7	11.0 +- 3.4
9	242 5.7	36.9 +- 1.1; 5.5	6.2 +- 1.6; 8.2	12.1 +- 4.5
10	234 6.2	41.8 +- 1.3; 6.3	11.0 +- 1.7; 8.7	12.5 +- 4.2
11	220 6.2	Missing Dosimeter	No Net Data	12.1 +- 4.6
12	213 6.9	39.9 +- 1.2; 6.0	9.1 +- 1.6; 8.5	11.8 +- 3.9
13	199 10.0	39.9 +- 1.2; 6.0	9.1 +- 1.6; 8.5	12.4 +- 4.0
14	90 10.0	37.2 +- 1.1; 5.6	6.5 +- 1.6; 8.3	12.1 +- 3.9
15	180 10.0	42.0 +- 1.3; 6.3	11.2 +- 1.7; 8.8	14.2 +- 4.0
16	171 10.0	43.6 +- 1.3; 6.5	12.8 +- 1.7; 8.9	13.9 +- 4.3
17	165 9.0	42.3 +- 1.3; 6.3	11.5 +- 1.7; 8.8	13.5 +- 4.2
18	203 16.0	42.6 +- 1.3; 6.4	11.8 +- 1.7; 8.8	12.8 +- 4.0
19	203 16.0	42.2 +- 1.3; 6.3	11.3 +- 1.7; 8.8	12.8 +- 4.2
20	203 16.0	42.2 +- 1.3; 6.3	11.4 +- 1.7; 8.8	14.2 +- 3.7
21	268 8.7	39.2 +- 1.2; 5.9	8.4 +- 1.6; 8.5	11.3 +- 4.0
22	256 8.0	42.1 +- 1.3; 6.3	11.3 +- 1.7; 8.8	12.9 +- 4.0
23	275 9.0	40.6 +- 1.2; 6.1	9.8 +- 1.7; 8.6	12.2 +- 4.1
24	285 9.0	41.7 +- 1.3; 6.3	10.9 +- 1.7; 8.7	14.3 +- 4.2
25	293 8.7	43.4 +- 1.3; 6.5	12.6 +- 1.7; 8.9	14.7 +- 3.9
26	301 8.4	42.2 +- 1.3; 6.3	11.3 +- 1.7; 8.8	14.0 +- 3.8
27	311 8.3	41.3 +- 1.2; 6.2	10.5 +- 1.7; 8.7	12.8 +- 3.8
28	327 8.2	44.5 +- 1.3; 6.7	13.6 +- 1.7; 9.0	14.2 +- 4.0
29	339 9.3	41.9 +- 1.3; 6.3	11.1 +- 1.7; 8.7	13.7 +- 4.1
30	350 8.7	42.2 +- 1.3; 6.3	11.4 +- 1.7; 8.8	12.9 +- 3.9
31	359 9.9	40.7 +- 1.2; 6.1	9.9 +- 1.7; 8.6	13.2 +- 3.8
32	2 18.0	39.9 +- 1.2; 6.0	9.1 +- 1.6; 8.5	13.9 +- 4.0
33	2 22.0	42.2 +- 1.3; 6.3	11.4 +- 1.7; 8.8	13.7 +- 3.9
34	18 24.0	Missing Dosimeter	No Net Data	13.9 +- 4.3
35	28 22.0	39.6 +- 1.2; 5.9	8.8 +- 1.6; 8.5	13.8 +- 4.6
36	15 0.3	39.4 +- 1.2; 5.9	8.6 +- 1.6; 8.5	11.9 +- 3.9
37	228 0.5	43.6 +- 1.3; 6.5	12.8 +- 1.7; 8.9	13.5 +- 4.4

Transit Dose = 30.7 +- 1.1; 6.2

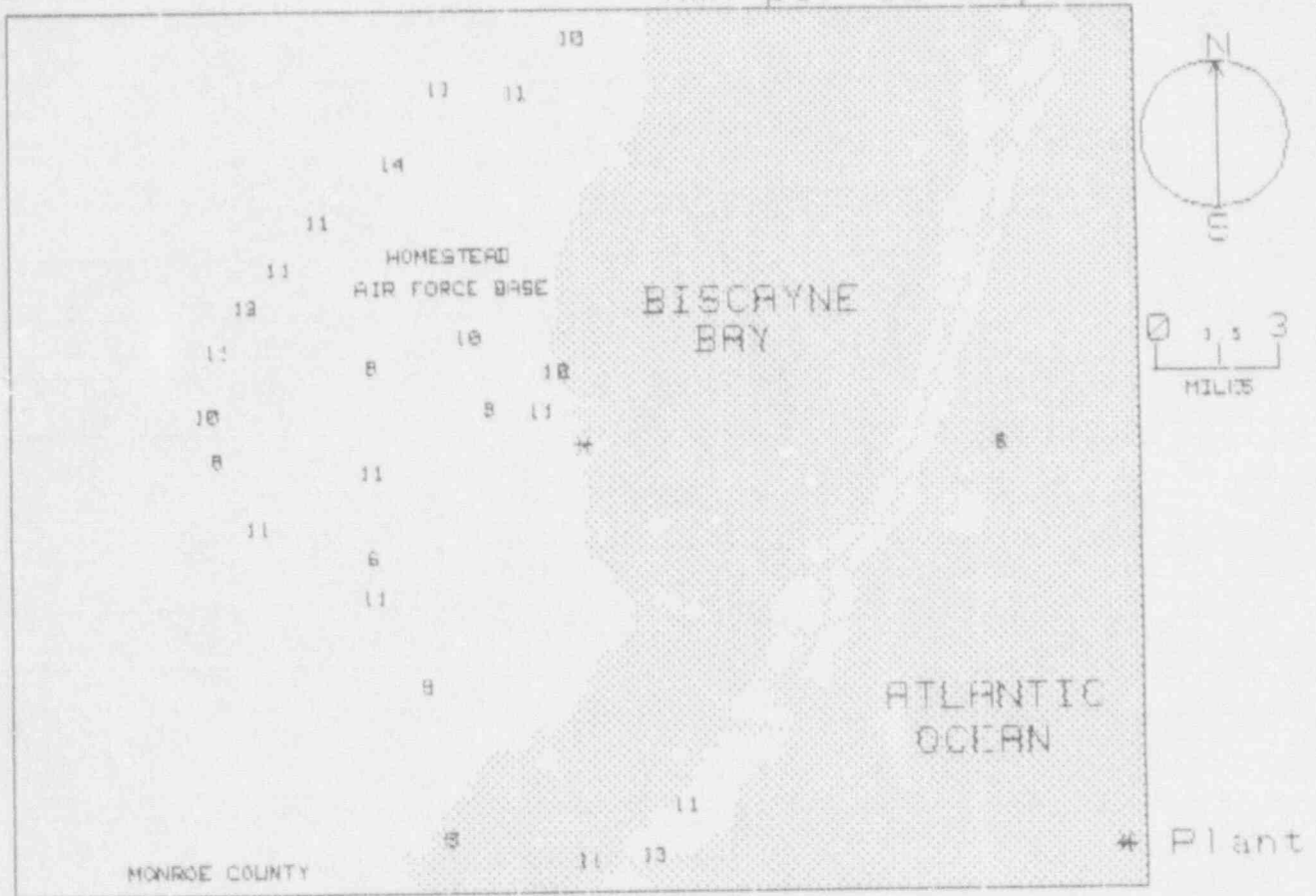
TURKEY POINT
For the period 911203-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	10.7 +- 1.2	5
11.26 - 33.75 NNE	8.7 +- 0.2	2
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	6.5 +- 0.0	1
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	11.5 +- 0.0	1
168.76 - 191.25 S	12.0 +- 1.1	2
191.26 - 213.75 SSW	9.1 +- 0.0	2
213.76 - 236.25 SW	11.9 +- 1.3	2
236.26 - 258.75 WSW	8.8 +- 3.6	2
258.76 - 281.25 W	9.6 +- 1.2	3
281.26 - 303.75 WNW	10.4 +- 1.8	5
303.76 - 326.25 NW	10.5 +- 0.4	3
326.26 - 348.75 NNW	11.7 +- 1.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	10.8 +- 1.6	5
2 - 5	9.4 +- 1.0	2
> 5	10.3 +- 1.8	24
Upwind Control	11.5 +- 0.2	3

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



VERMONT YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 911205-920423 141 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	142 1.0	20.5 +- 0.6; 3.1	15.5 +- 0.7; 4.2	16.1 +- 3.6
2	158 1.0	22.1 +- 0.7; 3.3	17.1 +- 0.7; 4.4	16.8 +- 1.9
3	184 1.3	Missing Dosimeter	No Net Data	16.4 +- 1.6
4	201 1.4	21.3 +- 0.6; 3.2	16.3 +- 0.7; 4.3	16.8 +- 1.9
5	222 1.6	19.1 +- 0.6; 2.9	14.1 +- 0.7; 4.1	16.9 +- 2.0
6	157 3.4	21.3 +- 0.6; 3.2	16.3 +- 0.7; 4.3	16.5 +- 2.2
7	189 4.9	20.6 +- 0.6; 3.1	15.6 +- 0.7; 4.3	16.8 +- 1.9
8	201 13.0	21.8 +- 0.7; 3.3	16.8 +- 0.7; 4.4	16.3 +- 1.7
9	208 5.8	19.9 +- 0.6; 3.0	14.9 +- 0.7; 4.2	16.4 +- 1.9
10	232 3.7	23.1 +- 0.7; 3.5	18.0 +- 0.8; 4.5	19.0 +- 2.2
11	277 2.9	21.6 +- 0.6; 3.2	16.5 +- 0.7; 4.3	17.5 +- 2.1
12	292 1.4	20.4 +- 0.6; 3.1	15.4 +- 0.7; 4.2	17.4 +- 2.2
13	314 1.4	21.1 +- 0.6; 3.2	16.1 +- 0.7; 4.3	16.7 +- 2.0
14	310 4.2	21.8 +- 0.7; 3.3	16.8 +- 0.7; 4.4	16.5 +- 1.6
15	299 4.3	20.4 +- 0.6; 3.1	15.4 +- 0.7; 4.2	16.1 +- 3.4
16	270 4.5	19.2 +- 0.5; 2.7	13.3 +- 0.6; 4.0	15.1 +- 1.9
17	331 5.0	20.5 +- 0.6; 3.1	15.5 +- 0.7; 4.2	17.4 +- 1.7
18	290 19.0	23.3 +- 0.7; 3.5	18.2 +- 0.8; 4.5	18.9 +- 1.9
19	290 19.0	22.3 +- 0.7; 3.3	17.2 +- 0.7; 4.4	18.7 +- 1.9
20	290 19.0	21.0 +- 0.6; 3.1	16.0 +- 0.7; 4.3	18.7 +- 1.9
21	359 3.2	20.6 +- 0.6; 3.1	15.6 +- 0.7; 4.2	17.1 +- 1.7
23	334 2.2	20.5 +- 0.6; 3.1	15.5 +- 0.7; 4.2	16.5 +- 1.8
24	4 0.9	21.1 +- 0.6; 3.2	16.0 +- 0.7; 4.3	17.1 +- 1.8
25	30 1.0	19.4 +- 0.6; 2.9	14.4 +- 0.7; 4.1	16.1 +- 1.9
26	72 1.5	21.7 +- 0.7; 3.3	16.7 +- 0.7; 4.4	17.5 +- 1.8
27	44 0.7	20.7 +- 0.6; 3.1	15.7 +- 0.7; 4.3	16.8 +- 1.9
28	39 2.8	20.7 +- 0.6; 3.1	15.7 +- 0.7; 4.3	18.4 +- 2.5
29	25 3.8	24.1 +- 0.7; 3.5	19.0 +- 0.8; 4.6	19.7 +- 2.2
30	72 2.7	23.0 +- 0.7; 3.4	17.9 +- 0.8; 4.5	19.3 +- 3.0
31	85 2.0	21.2 +- 0.6; 3.2	16.2 +- 0.7; 4.3	17.2 +- 2.1
32	111 1.8	21.2 +- 0.6; 3.2	16.2 +- 0.7; 4.3	16.9 +- 1.9
33	134 4.0	20.5 +- 0.6; 3.1	15.5 +- 0.7; 4.2	16.7 +- 1.8
34	151 6.0	19.4 +- 0.6; 2.9	14.4 +- 0.7; 4.1	14.9 +- 1.8
35	111 4.3	24.0 +- 0.7; 3.6	18.9 +- 0.8; 4.6	18.9 +- 1.9
36	92 4.7	23.4 +- 0.7; 3.5	18.4 +- 0.8; 4.6	19.3 +- 2.0
37	50 15.0	25.4 +- 0.8; 3.8	20.3 +- 0.8; 4.8	20.8 +- 1.5
39	222 0.3	21.6 +- 0.6; 3.2	16.5 +- 0.7; 4.4	18.6 +- 1.8
40	250 3.0	22.0 +- 0.7; 3.3	17.0 +- 0.7; 4.4	17.2 +- 1.9

Transit Dose = 4.7 +- 0.4; 3.1

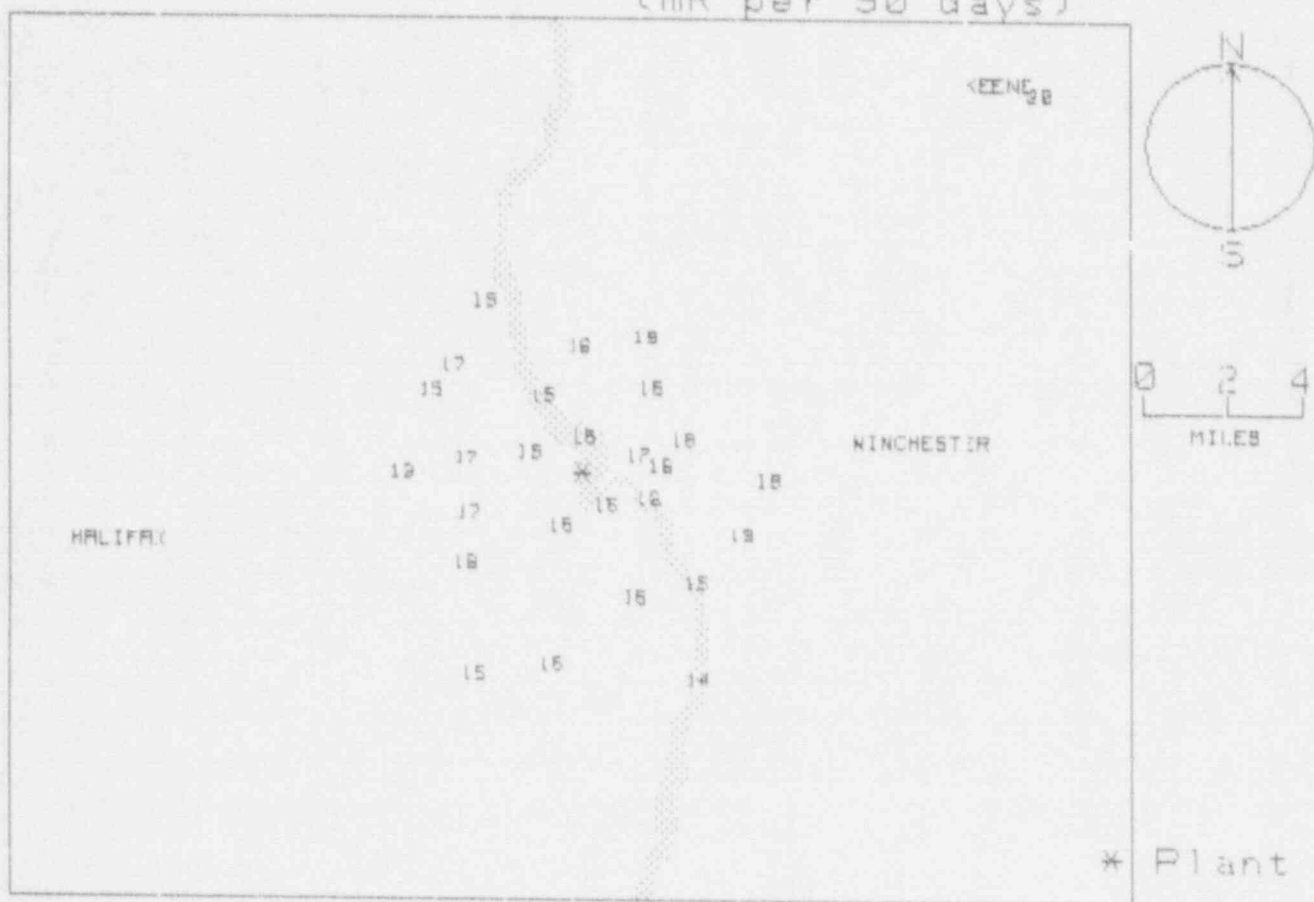
VERMONT YANKEE
For the period 911205-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.8 +- 0.3	2
11.26 - 33.75 NNE	16.7 +- 3.2	2
33.76 - 56.25 NE	20.3 +- 0.0	1
56.26 - 78.75 ENE	17.9 +- 0.0	1
78.76 - 101.25 E	17.3 +- 1.5	2
101.26 - 123.75 ESE	17.6 +- 1.9	2
123.76 - 146.25 SE	15.5 +- 0.0	2
146.26 - 168.75 SSE	15.9 +- 1.4	3
168.76 - 191.25 S	15.6 +- 2.0	1
191.26 - 213.75 SSW	16.0 +- 0.9	3
213.76 - 236.25 SW	16.2 +- 2.0	3
236.26 - 258.75 WSW	17.0 +- 0.0	1
258.76 - 281.25 W	14.9 +- 2.3	2
281.26 - 303.75 WNW	16.4 +- 1.2	5
303.76 - 326.25 NW	16.4 +- 0.4	2
326.26 - 348.75 NNW	15.5 +- 0.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.8 +- 0.9	11
2 - 5	16.6 +- 1.6	16
> 5	16.8 +- 2.0	7
Upwind Control	16.0 +- 0.6	3

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



VOGTLE (GA)
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920429 149 Days
 Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	
1	298	1.6	17.7	+ - 0.5; 2.7	13.3	+ - 0.7; 4.2	14.5	+ - 1.9
2	309	1.6	17.6	+ - 0.5; 2.6	13.2	+ - 0.7; 4.1	14.3	+ - 2.1
3	336	1.4	18.1	+ - 0.5; 2.7	13.7	+ - 0.7; 4.2	14.5	+ - 2.9
4	270	1.3	17.6	+ - 0.5; 2.6	13.2	+ - 0.7; 4.1	14.2	+ - 2.2
5	247	1.2	18.5	+ - 0.6; 2.8	14.2	+ - 0.7; 4.2	14.7	+ - 2.0
6	215	1.2	22.4	+ - 0.7; 3.4	18.3	+ - 0.8; 4.7	18.2	+ - 2.1
7	205	1.2	20.3	+ - 0.6; 3.0	16.0	+ - 0.7; 4.4	17.3	+ - 1.8
8	180	1.1	19.5	+ - 0.6; 2.9	15.2	+ - 0.7; 4.4	17.4	+ - 1.7
9	153	1.2	20.1	+ - 0.6; 3.1	16.1	+ - 0.8; 4.5	15.6	+ - 2.3
10	134	3.2	20.8	+ - 0.6; 3.1	16.6	+ - 0.8; 4.5	17.3	+ - 1.9
11	103	1.1	21.1	+ - 0.6; 3.2	16.9	+ - 0.8; 4.5	12.9	+ - 3.2
12	134	3.3	18.9	+ - 0.6; 2.8	14.6	+ - 0.7; 4.3	15.0	+ - 2.1
13	123	4.2	18.3	+ - 0.6; 2.9	15.1	+ - 0.7; 4.3	15.4	+ - 1.8
14	141	4.6	20.1	+ - 0.6; 3.0	15.9	+ - 0.7; 4.4	14.4	+ - 3.7
15	153	5.3	18.4	+ - 0.6; 2.8	14.0	+ - 0.7; 4.2	13.3	+ - 1.9
16	162	6.3	18.2	+ - 0.5; 2.7	13.8	+ - 0.7; 4.2	15.5	+ - 2.4
17	157	7.3	22.9	+ - 0.7; 3.4	18.9	+ - 0.8; 4.8	18.4	+ - 2.5
18	191	4.8	17.4	+ - 0.5; 2.6	13.0	+ - 0.7; 4.1	13.8	+ - 2.0
19	208	4.7	18.0	+ - 0.5; 2.7	13.6	+ - 0.7; 4.2	13.0	+ - 2.2
20	232	4.9	17.9	+ - 0.5; 2.7	13.6	+ - 0.7; 4.2	13.7	+ - 2.2
21	250	5.6	19.6	+ - 0.6; 2.9	15.3	+ - 0.7; 4.4	14.4	+ - 2.1
22	264	4.3	18.9	+ - 0.6; 2.8	14.6	+ - 0.7; 4.3	14.3	+ - 2.1
23	301	4.2	20.2	+ - 0.6; 3.0	16.0	+ - 0.7; 4.4	14.6	+ - 2.1
24	308	4.6	19.3	+ - 0.6; 2.9	15.0	+ - 0.7; 4.3	15.0	+ - 2.7
25	329	6.7	23.7	+ - 0.7; 3.6	19.7	+ - 0.8; 4.9	16.4	+ - 3.3
26	258	15.0	21.6	+ - 0.6; 3.2	17.4	+ - 0.8; 4.6	17.5	+ - 2.4
27	300	13.0	21.0	+ - 0.6; 3.1	16.8	+ - 0.8; 4.5	17.1	+ - 1.7
28	330	30.0	18.9	+ - 0.6; 2.8	14.6	+ - 0.7; 4.3	14.6	+ - 2.3

Transit Dose = 5.1 + - 0.4; 2.9

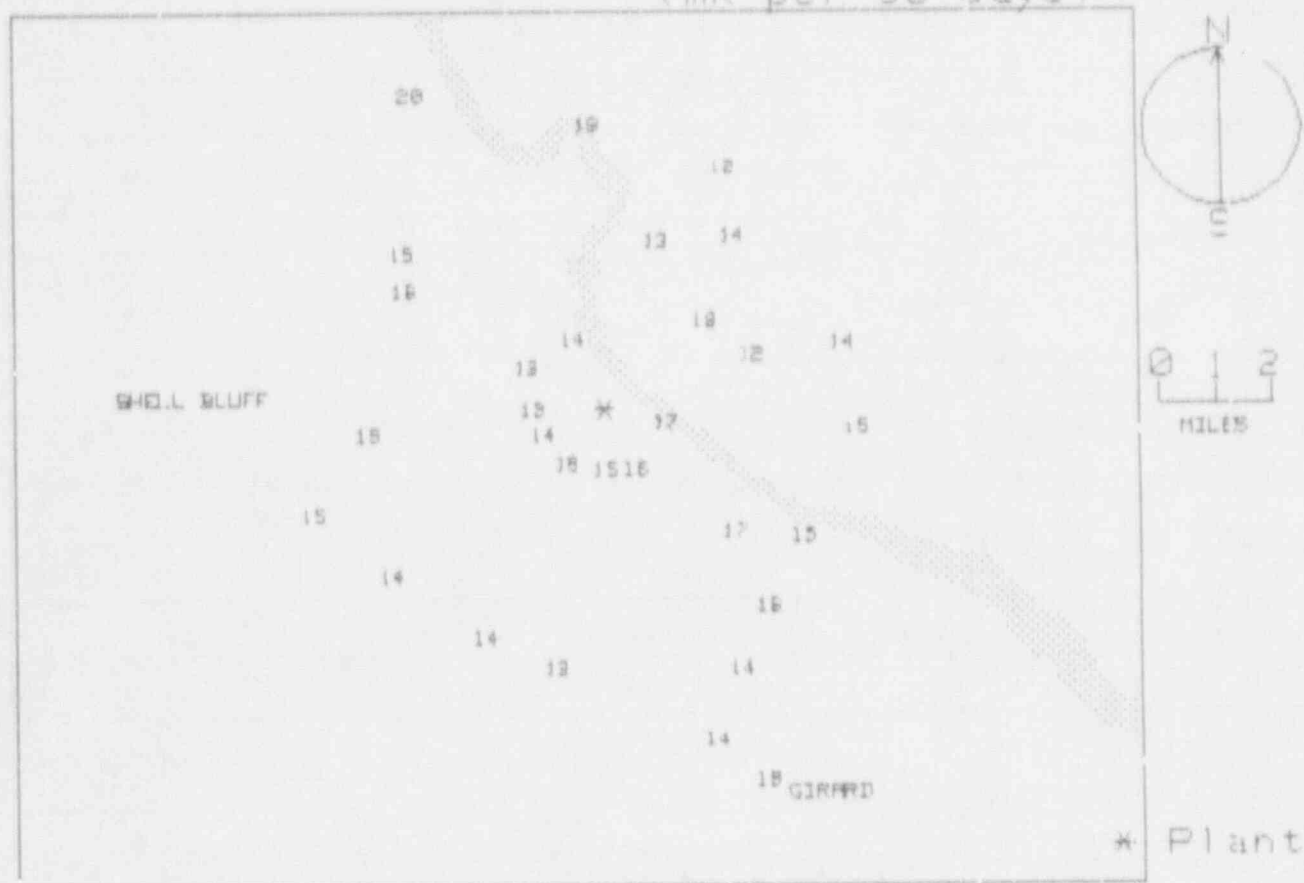
VOGTLE (GA)
For the period 911203-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	16.0 +- 1.3	2
123.76 - 146.25 SE	15.7 +- 1.0	3
146.26 - 168.75 SSE	15.7 +- 2.3	4
168.76 - 191.25 S	14.1 +- 1.6	2
191.26 - 213.75 SSW	14.8 +- 1.7	2
213.76 - 236.25 SW	15.9 +- 3.3	2
236.26 - 258.75 WSW	14.7 +- 0.8	2
258.76 - 281.25 W	13.9 +- 0.9	2
281.26 - 303.75 WNW	14.6 +- 1.9	2
303.76 - 326.25 NW	14.1 +- 1.3	2
326.26 - 348.75 NNW	16.7 +- 4.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.0 +- 1.8	10
2 - 5	14.8 +- 1.2	10
> 5	16.4 +- 2.8	5
Upwind Control	16.3 +- 1.5	3

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



VOGTLE (SC)

TLD Direct Radiation Environmental Monitoring

For the period 911203-920429 149 Days

Field Time: 85 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
31	357	5.2	29.6	+ 0.9; 4.4	19.4	+ 1.1; 6.0	16.6	+ 4.0
32	26	4.9	22.2	+ 0.7; 3.3	11.6	+ 0.9; 5.2	12.0	+ 3.1
33	17	3.2	23.3	+ 0.7; 3.5	12.7	+ 0.9; 5.3	12.3	+ 2.9
34	36	3.9	24.9	+ 0.7; 3.7	14.5	+ 1.0; 5.5	1.7	+ 2.8
35	48	2.4	28.7	+ 0.9; 4.3	18.4	+ 1.1; 5.9	18.3	+ 3.3
36	69	2.8	22.9	+ 0.7; 3.4	12.2	+ 0.9; 5.2	14.2	+ 3.1
37	74	4.4	24.1	+ 0.7; 3.6	13.6	+ 1.0; 5.4	14.0	+ 5.0
38	94	4.5	25.0	+ 0.8; 3.8	14.5	+ 1.0; 5.5	13.1	+ 3.0

Transit Dose = 11.3 +- 0.5; 3.6

VOGTLE (SC)
For the period 911203-920429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.4 +- 0.0	1
11.26 - 33.75 NNE	12.1 +- 0.8	
33.76 - 56.25 NE	16.4 +- 2.8	2
56.26 - 78.75 ENE	12.9 +- 0.9	2
78.76 - 101.25 E	14.5 +- 0.0	1
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	13.9 +- 2.3	7
> 5	19.4 +- 0.0	1
Upwind Control	No Data +- No Data	0

WASHINGTON NUCLEAR 2
 TLD Direct Radiation Environmental Monitoring
 For the period 911201-920422 144 Days
 Field Time: 93 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	174	12.0	Missing Dosimeter	No Net Data	17.9 +- 1.1
2	163	11.0	23.9 +- 0.7; 3.6	18.9 +- 0.8; 4.6	17.5 +- 1.1
3	161	9.0	24.0 +- 0.7; 3.6	18.9 +- 0.8; 4.6	17.1 +- 1.0
4	152	5.0	23.8 +- 0.7; 3.6	18.8 +- 0.8; 4.6	18.6 +- 1.1
5	195	2.0	23.1 +- 0.7; 3.5	18.1 +- 0.8; 4.5	17.7 +- 1.0
6	220	1.5	24.9 +- 0.7; 3.7	19.8 +- 0.8; 4.7	17.8 +- 1.4
7	92	3.0	24.4 +- 0.7; 3.7	19.4 +- 0.8; 4.6	19.1 +- 1.5
8	155	1.0	22.3 +- 0.7; 3.3	17.3 +- 0.7; 4.4	17.1 +- 1.5
9	130	0.5	24.2 +- 0.7; 3.6	19.2 +- 0.8; 4.6	18.0 +- 1.2
10	70	0.5	24.4 +- 0.7; 3.7	19.3 +- 0.8; 4.6	18.3 +- 1.6
11	25	0.8	23.4 +- 0.7; 3.5	18.4 +- 0.8; 4.5	18.2 +- 1.1
12	315	0.5	23.6 +- 0.7; 3.5	18.6 +- 0.8; 4.5	18.6 +- 1.6
13	290	0.5	29.0 +- 0.9; 4.3	23.8 +- 0.9; 5.1	21.9 +- 3.2
14	270	0.5	24.6 +- 0.7; 3.7	19.5 +- 0.8; 4.6	18.2 +- 1.3
15	245	1.8	24.7 +- 0.7; 3.7	19.6 +- 0.8; 4.6	18.4 +- 1.1
16	285	3.0	23.4 +- 0.7; 3.5	18.3 +- 0.8; 4.5	19.1 +- 1.4
17	240	4.0	22.7 +- 0.7; 3.4	17.7 +- 0.7; 4.4	17.2 +- 1.4
18	198	7.0	22.8 +- 0.7; 3.4	17.8 +- 0.8; 4.4	17.0 +- 1.5
19	173	8.5	23.8 +- 0.7; 3.6	18.7 +- 0.8; 4.5	18.2 +- 1.2
20	150	20.0	23.9 +- 0.7; 3.6	18.9 +- 0.8; 4.6	18.3 +- 1.1
21	114	7.0	24.3 +- 0.7; 3.6	19.2 +- 0.8; 4.6	18.8 +- 1.6
22	120	8.0	23.9 +- 0.7; 3.6	18.9 +- 0.8; 4.6	17.7 +- 1.1
23	134	6.0	25.6 +- 0.8; 3.8	20.5 +- 0.8; 4.7	19.9 +- 1.5
24	110	4.0	27.7 +- 0.8; 4.1	22.5 +- 0.9; 5.0	21.8 +- 1.4
25	85	5.0	24.3 +- 0.7; 3.6	19.2 +- 0.8; 4.6	18.6 +- 1.4
26	65	5.0	25.7 +- 0.8; 3.9	20.6 +- 0.8; 4.8	20.3 +- 1.6
27	53	4.0	23.6 +- 0.7; 3.5	18.6 +- 0.8; 4.5	17.7 +- 1.2
28	44	8.0	25.1 +- 0.8; 3.8	20.0 +- 0.8; 4.7	19.9 +- 1.8
29	33	10.0	24.6 +- 0.7; 3.7	19.6 +- 0.8; 4.6	18.2 +- 1.9
30	8	9.5	25.3 +- 0.8; 3.8	20.2 +- 0.8; 4.7	19.5 +- 1.7
31	215	15.0	23.2 +- 0.7; 3.5	18.2 +- 0.8; 4.5	17.5 +- 1.4

Transit Dose = 4.4 +- 0.4; 3.1

WASHINGTON NUCLEAR 2
For the period 911201-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.2 +- 0.0	1
11.26 - 33.75 NNE	19.0 +- 0.8	2
33.76 - 56.25 NE	19.3 +- 1.0	2
56.26 - 78.75 ENE	20.0 +- 0.9	2
78.76 - 101.25 E	19.3 +- 0.1	2
101.26 - 123.75 ESE	20.2 +- 2.0	3
123.76 - 146.25 SE	19.8 +- 1.0	2
146.26 - 168.75 SSE	18.6 +- 0.7	5
168.76 - 191.25 S	18.7 +- 0.0	1
191.26 - 213.75 SSW	18.0 +- 0.1	2
213.76 - 236.25 SW	19.8 +- 0.0	1
236.26 - 258.75 WSW	18.7 +- 1.3	2
258.76 - 281.25 W	19.5 +- 0.0	1
281.26 - 303.75 WNW	21.1 +- 3.9	2
303.76 - 326.25 NW	18.6 +- 0.0	1
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.4 +- 1.7	10
2 - 5	19.4 +- 1.5	8
> 5	19.2 +- 0.8	11
Upwind Control	18.2 +- 0.0	1

WATERFORD

TLD Direct Radiation Environmental Monitoring

For the period 911201-920428 150 Days

Field Time: 77 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm; Tot.		+Rdm; Tot.		+1 Std Dev	
1	101	0.4	20.2	+- 0.6; 3.0	No Net Data		15.8	+- 2.4
2	116	1.1	19.0	+- 0.6; 2.8	No Net Data		15.9	+- 2.6
3	132	1.3	20.7	+- 0.6; 3.1	No Net Data		17.7	+- 2.7
4	160	1.8	19.7	+- 0.6; 3.0	No Net Data		15.7	+- 2.5
5	183	1.4	19.8	+- 0.6; 3.0	No Net Data		15.0	+- 2.2
6	202	1.2	19.9	+- 0.6; 3.0	No Net Data		16.0	+- 2.8
7	226	1.2	19.2	+- 0.6; 2.9	No Net Data		15.3	+- 2.3
8	243	1.3	20.1	+- 0.6; 3.0	No Net Data		17.3	+- 2.4
9	265	1.9	16.9	+- 0.5; 2.5	No Net Data		15.3	+- 2.7
10	186	4.2	21.0	+- 0.6; 3.2	No Net Data		17.1	+- 2.4
11	315	4.4	18.3	+- 0.5; 2.7	No Net Data		16.7	+- 2.6
12	328	4.1	20.3	+- 0.6; 3.1	No Net Data		17.2	+- 2.6
13	309	0.8	18.3	+- 0.6; 2.8	No Net Data		15.3	+- 2.4
14	273	0.9	18.6	+- 0.6; 2.8	No Net Data		17.9	+- 3.3
15	292	0.8	16.8	+- 0.5; 2.5	No Net Data		14.4	+- 2.7
16	335	0.5	18.2	+- 0.5; 2.7	No Net Data		13.7	+- 2.2
17	120	4.3	18.1	+- 0.5; 2.7	No Net Data		13.6	+- 2.5
18	145	3.5	Missing Dosimeter		No Net Data		14.4	+- 1.7
19	153	8.1	21.3	+- 0.6; 3.2	No Net Data		16.1	+- 2.5
20	133	8.1	18.9	+- 0.6; 2.8	No Net Data		16.5	+- 2.7
21	116	6.7	18.8	+- 0.6; 2.8	No Net Data		14.9	+- 2.7
22	95	4.3	19.2	+- 0.6; 2.9	No Net Data		15.5	+- 2.4
23	86	2.6	17.5	+- 0.5; 2.6	No Net Data		15.3	+- 2.7
24	66	4.2	21.8	+- 0.7; 3.3	No Net Data		18.3	+- 2.7
25	37	3.5	21.3	+- 0.6; 3.2	No Net Data		16.8	+- 2.5
26	23	3.8	19.3	+- 0.6; 2.9	No Net Data		14.2	+- 2.6
27	350	4.9	19.1	+- 0.6; 2.9	No Net Data		15.4	+- 2.5
28	335	5.0	19.4	+- 0.6; 2.9	No Net Data		15.9	+- 2.5
29	6	2.8	18.3	+- 0.5; 2.7	No Net Data		14.3	+- 2.7
30	356	1.1	19.8	+- 0.6; 3.0	No Net Data		14.9	+- 2.6
31	15	0.8	18.3	+- 0.6; 2.8	No Net Data		16.8	+- 2.9
32	40	0.8	18.9	+- 0.6; 2.8	No Net Data		14.4	+- 2.8
33	69	1.1	21.7	+- 0.7; 3.3	No Net Data		15.9	+- 3.5
34	292	15.0	20.6	+- 0.6; 3.1	No Net Data		15.9	+- 2.8
35	282	27.0	22.0	+- 0.7; 3.3	No Net Data		17.8	+- 2.8
36	268	21.0	19.4	+- 0.6; 2.9	No Net Data		14.8	+- 2.7

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

WATERFORD

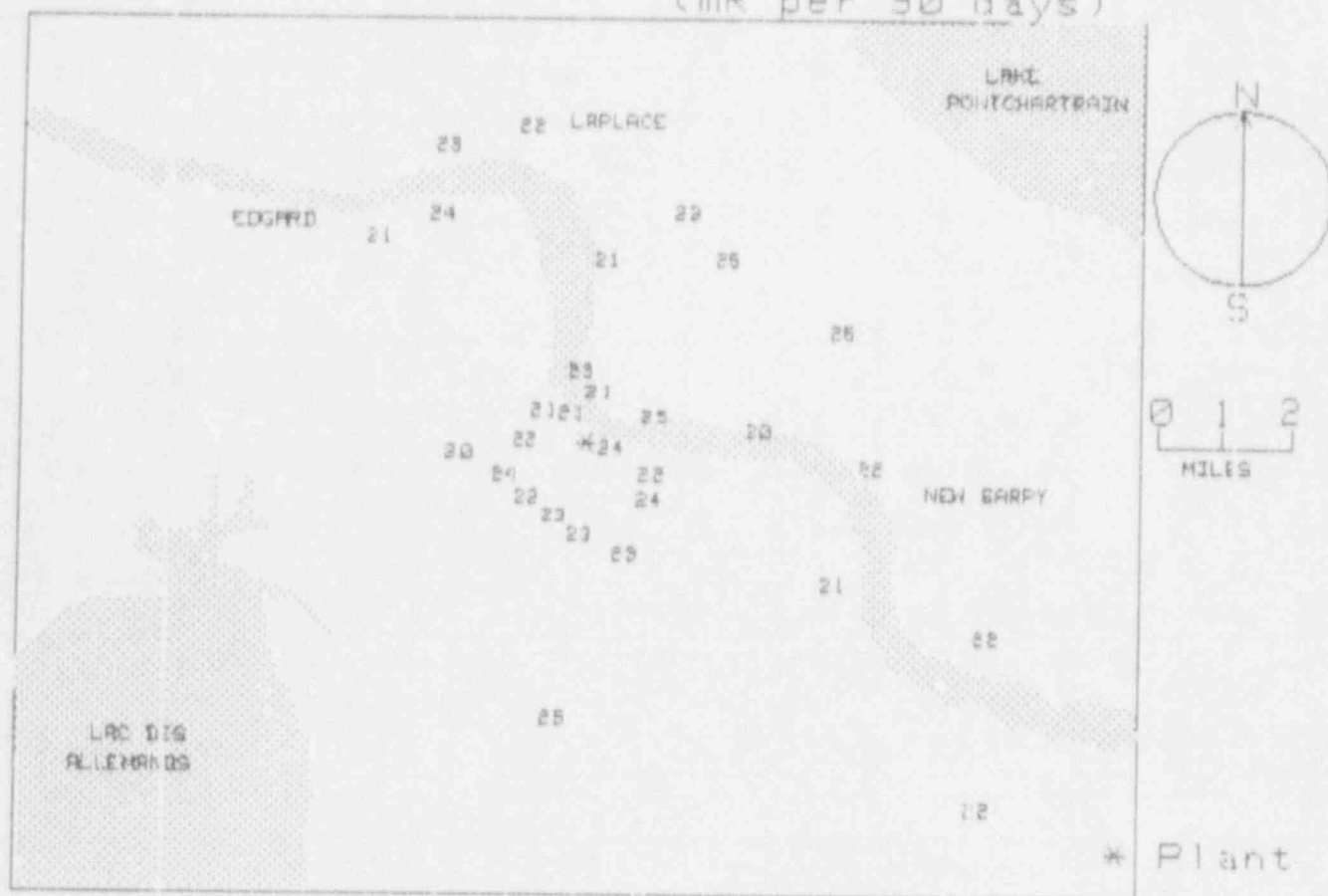
For the period 911201-920428

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.4 +- 0.4	3
11.26 - 33.75 NNE	11.3 +- 0.4	2
33.76 - 56.25 NE	12.1 +- 1.0	2
56.26 - 78.75 ENE	13.1 +- 0.0	2
78.76 - 101.25 E	11.4 +- 0.8	3
101.26 - 123.75 ESE	11.2 +- 0.3	3
123.76 - 146.25 SE	11.9 +- 0.8	2
146.26 - 168.75 SSE	12.3 +- 0.7	2
168.76 - 191.25 S	12.2 +- 0.5	2
191.26 - 213.75 SSW	11.9 +- 0.0	1
213.76 - 236.25 SW	11.5 +- 0.0	1
236.26 - 258.75 WSW	12.1 +- 0.0	1
258.76 - 281.25 W	10.6 +- 0.7	2
281.26 - 303.75 WNW	10.1 +- 0.0	1
303.76 - 326.25 NW	11.0 +- 0.0	2
326.26 - 348.75 NNW	11.6 +- 0.6	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.5 +- 0.8	17
2 - 5	11.7 +- 0.8	12
> 5	11.8 +- 0.8	3
Upwind Control	12.4 +- 0.8	

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



WATTS BAR
 TLD Direct Radiation Environmental Monitoring
 For the period 911203-920422 142 Days
 Field Time: 86 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	337 0.9	22.1 +- 0.7; 3.3	17.2 +- 0.8; 4.7	17.0 +- 2.5
2	314 2.1	22.7 +- 0.7; 3.4	17.9 +- 0.8; 4.7	17.2 +- 2.6
3	297 1.9	Missing Dosimeter	No Net Data	17.2 +- 2.7
4	272 2.0	21.1 +- 0.6; 3.2	16.2 +- 0.8; 4.5	16.5 +- 2.7
5	251 1.9	23.0 +- 0.7; 3.4	18.1 +- 0.8; 4.8	18.9 +- 2.6
6	235 1.8	24.7 +- 0.7; 3.7	19.9 +- 0.9; 5.0	20.7 +- 3.2
7	230 3.8	22.9 +- 0.7; 3.4	18.0 +- 0.8; 4.8	19.2 +- 2.9
8	208 3.6	23.2 +- 0.7; 3.5	18.3 +- 0.8; 4.8	17.8 +- 2.7
9	249 4.2	19.6 +- 0.6; 2.9	14.6 +- 0.7; 4.4	15.3 +- 2.5
10	266 3.1	22.3 +- 0.7; 3.3	17.4 +- 0.8; 4.7	16.4 +- 2.5
11	289 3.3	19.4 +- 0.6; 2.9	14.4 +- 0.7; 4.4	14.1 +- 2.5
12	310 4.7	18.4 +- 0.6; 2.8	13.4 +- 0.7; 4.2	14.6 +- 2.6
13	337 3.6	19.4 +- 0.6; 2.9	14.4 +- 0.7; 4.4	15.1 +- 2.6
14	330 7.0	20.0 +- 0.6; 3.0	15.0 +- 0.7; 4.4	15.1 +- 2.4
15	350 4.7	23.4 +- 0.7; 3.5	18.5 +- 0.8; 4.8	18.4 +- 2.8
16	7 1.1	25.3 +- 0.8; 3.8	20.6 +- 0.9; 5.1	19.6 +- 2.7
17	23 1.6	18.7 +- 0.6; 2.8	13.6 +- 0.7; 4.3	12.9 +- 2.2
18	41 2.3	21.1 +- 0.6; 3.2	16.1 +- 0.8; 4.5	15.9 +- 2.7
19	69 1.3	23.0 +- 0.7; 3.5	18.2 +- 0.8; 4.8	18.5 +- 2.2
20	89 1.2	21.7 +- 0.6; 3.2	16.8 +- 0.8; 4.6	20.7 +- 2.7
21	114 1.1	21.0 +- 0.6; 3.1	6.0 +- 0.8; 4.5	15.6 +- 2.5
22	141 1.0	24.3 +- 0.7; 3.7	19.6 +- 0.9; 4.9	19.1 +- 2.6
23	163 1.1	25.3 +- 0.8; 3.8	20.5 +- 0.9; 5.0	21.8 +- 2.6
24	187 1.1	21.3 +- 0.6; 3.2	16.3 +- 0.8; 4.6	17.9 +- 2.4
25	203 1.2	23.2 +- 0.7; 3.5	18.4 +- 0.8; 4.8	18.6 +- 2.8
26	184 5.9	24.9 +- 0.7; 3.7	20.2 +- 0.9; 5.0	17.3 +- 2.0
27	176 4.5	22.4 +- 0.7; 3.4	17.5 +- 0.8; 4.7	17.0 +- 2.5
28	161 3.5	21.5 +- 0.6; 3.2	16.6 +- 0.8; 4.6	15.8 +- 2.3
29	144 3.0	20.6 +- 0.6; 3.1	15.6 +- 0.8; 4.5	16.6 +- 2.6
30	117 3.1	21.1 +- 0.6; 3.2	16.2 +- 0.8; 4.5	15.6 +- 2.8
31	97 4.0	22.2 +- 0.7; 3.3	17.3 +- 0.8; 4.7	16.0 +- 2.6
32	76 4.1	19.1 +- 0.6; 2.9	14.1 +- 0.7; 4.3	13.4 +- 2.3
33	32 4.1	20.9 +- 0.6; 3.1	16.0 +- 0.8; 4.5	16.8 +- 2.6
34	36 4.7	18.5 +- 0.6; 2.8	13.5 +- 0.7; 4.3	13.8 +- 2.5
35	38 19.0	21.5 +- 0.6; 3.2	16.6 +- 0.8; 4.6	15.2 +- 2.5
36	38 19.0	24.8 +- 0.7; 3.7	20.0 +- 0.9; 5.0	16.2 +- 4.2
37	38 19.0	22.1 +- 0.7; 3.3	17.2 +- 0.8; 4.7	17.0 +- 2.5

Transit Dose = 5.7 +- 0.4; 3.0

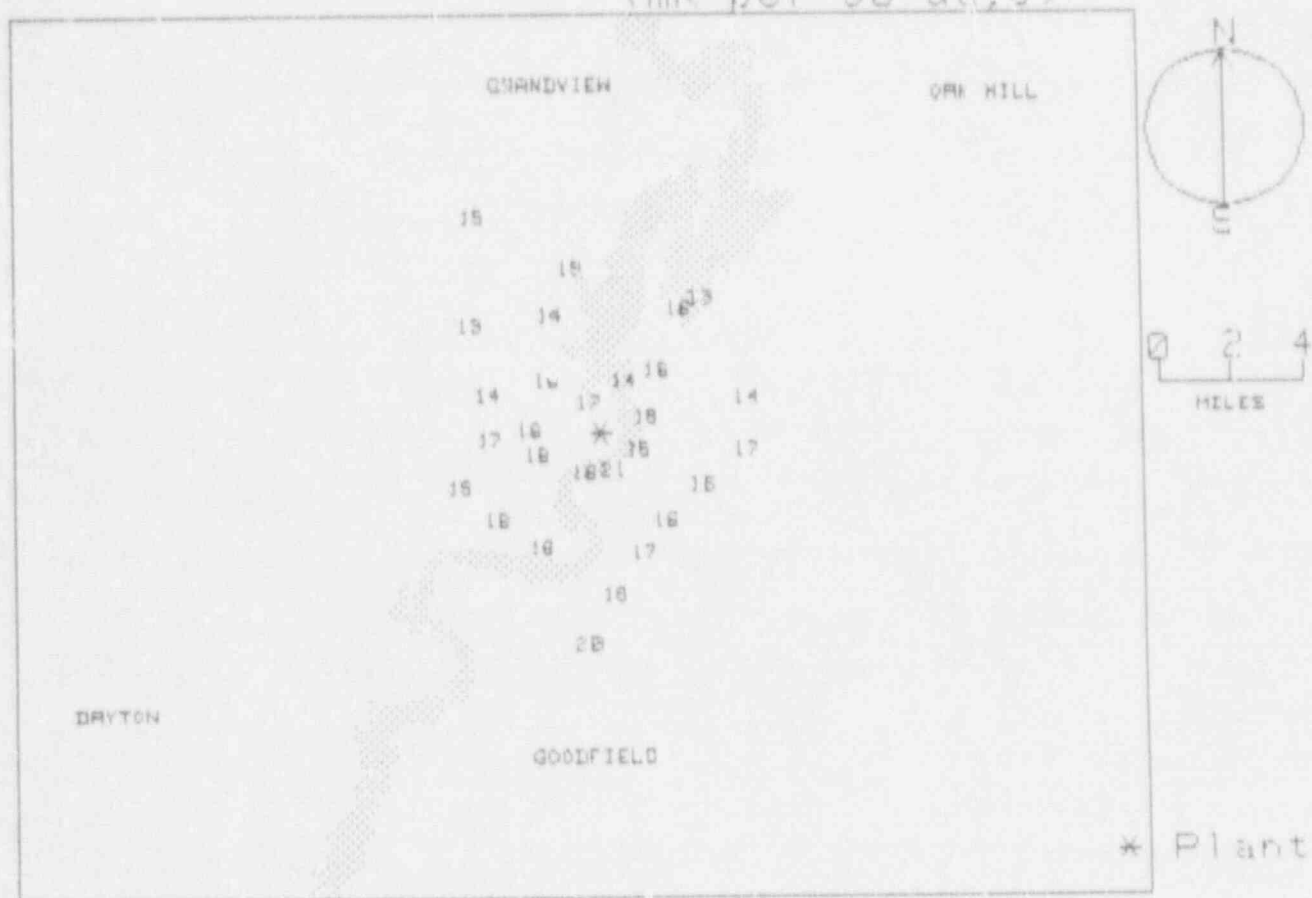
WATTS BAR
For the period 911203-920422

TLD Direct Radiation Environments' Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.6 +- 1.5	2
11.26 - 33.75 NNE	14.8 +- 1.6	2
33.76 - 56.25 NE	14.8 +- 1.9	2
56.26 - 78.75 ENE	16.1 +- 2.9	2
78.76 - 101.25 E	17.1 +- 0.4	2
101.26 - 123.75 ESE	16.1 +- 0.1	2
123.76 - 146.25 SE	17.6 +- 2.8	2
146.26 - 168.75 SSE	18.6 +- 2.8	2
168.76 - 191.25 S	18.0 +- 2.0	3
191.26 - 213.75 SSW	18.4 +- 0.0	2
213.76 - 236.25 SW	19.0 +- 1.3	2
236.26 - 258.75 WSW	16.4 +- 2.5	2
258.76 - 281.25 W	16.8 +- 0.9	2
281.26 - 303.75 WNW	14.4 +- 0.0	1
303.76 - 326.25 NW	15.6 +- 3.2	2
326.26 - 348.75 NNW	15.5 +- 1.5	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.8 +- 2.0	13
2 - 5	16.1 +- 1.7	18
> 5	17.6 +- 3.7	2
Upwind Control	18.0 +- 1.8	3

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



WOLF CREEK

TLD Direct Radiation Environmental Monitoring

For the period 911201-920423 145 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	316	2.9	25.1 +- 0.8; 3.8	17.6 +- 0.9; 5.2	19.8 +- 2.0
2	330	1.8	23.9 +- 0.7; 3.6	16.4 +- 0.9; 5.1	18.6 +- 1.9
3	360	2.0	25.3 +- 0.8; 3.8	17.9 +- 0.9; 5.3	19.0 +- 2.0
4	355	1.6	26.7 +- 0.8; 4.0	19.4 +- 1.0; 5.4	19.7 +- 2.2
5	31	1.8	26.3 +- 0.8; 4.0	19.0 +- 1.0; 5.4	19.6 +- 2.3
6	47	2.0	24.1 +- 0.7; 3.6	16.6 +- 0.9; 5.1	17.6 +- 2.2
7	70	1.6	24.4 +- 0.7; 3.7	16.9 +- 0.9; 5.2	18.4 +- 2.1
8	90	1.7	26.0 +- 0.8; 3.9	18.6 +- 1.0; 5.4	20.2 +- 2.0
9	111	2.4	25.2 +- 0.8; 3.3	17.7 +- 0.9; 5.3	19.7 +- 2.0
10	137	2.5	25.5 +- 0.8; 3.8	18.0 +- 0.9; 5.3	19.3 +- 2.0
11	157	3.4	27.6 +- 0.8; 4.1	20.3 +- 1.0; 5.6	20.7 +- 2.1
12	184	3.3	26.7 +- 0.8; 4.0	19.3 +- 1.0; 5.4	20.1 +- 2.0
13	213	2.9	26.0 +- 0.8; 3.9	18.6 +- 1.0; 5.4	19.8 +- 2.1
14	233	2.4	25.0 +- 0.8; 3.8	17.6 +- 0.9; 5.2	20.0 +- 2.1
15	248	2.2	25.5 +- 0.8; 3.8	18.1 +- 0.9; 5.3	19.6 +- 2.0
16	278	2.1	26.8 +- 0.8; 4.0	19.4 +- 1.0; 5.5	19.8 +- 1.8
17	270	3.4	24.1 +- 0.7; 3.6	16.6 +- 0.9; 5.1	16.2 +- 1.8
18	263	4.2	26.7 +- 0.8; 4.0	19.3 +- 1.0; 5.4	21.6 +- 2.1
19	257	5.0	26.1 +- 0.8; 3.9	18.7 +- 1.0; 5.4	19.7 +- 2.2
20	280	3.9	24.3 +- 0.7; 3.6	16.8 +- 0.9; 5.2	18.4 +- 1.5
21	298	3.9	26.0 +- 0.8; 3.9	18.6 +- 1.0; 5.4	19.9 +- 1.9
22	319	4.8	23.7 +- 0.7; 3.6	16.2 +- 0.9; 5.1	18.3 +- 2.3
23	332	5.0	24.3 +- 0.7; 3.6	16.8 +- 0.9; 5.2	19.5 +- 1.8
24	19	3.9	25.9 +- 0.8; 3.9	18.4 +- 1.0; 5.3	19.7 +- 1.9
25	35	4.4	24.4 +- 0.7; 3.7	16.9 +- 0.9; 5.2	17.1 +- 1.8
26	67	4.3	23.5 +- 0.7; 3.5	16.0 +- 0.9; 5.1	18.6 +- 2.0
27	88	4.1	23.3 +- 0.7; 3.5	15.8 +- 0.9; 5.0	19.6 +- 2.0
28	110	4.5	26.0 +- 0.8; 4.0	19.2 +- 1.0; 5.4	19.8 +- 1.9
29	128	4.4	25.3 +- 0.8; 3.8	17.9 +- 0.9; 5.3	20.8 +- 2.1
30	127	5.0	25.4 +- 0.8; 3.8	18.0 +- 0.9; 5.3	17.7 +- 2.0
31	127	9.4	24.2 +- 0.7; 3.6	16.7 +- 0.9; 5.1	17.1 +- 2.0
32	62	11.0	24.2 +- 0.7; 3.6	16.7 +- 0.9; 5.1	17.8 +- 2.1
33	151	5.2	25.3 +- 0.8; 3.8	17.9 +- 0.9; 5.3	19.4 +- 1.9
34	174	4.7	25.5 +- 0.8; 3.8	18.0 +- 0.9; 5.3	20.4 +- 1.9
35	197	5.2	27.2 +- 0.8; 4.1	19.9 +- 1.0; 5.5	20.5 +- 2.2
36	224	4.8	25.2 +- 0.8; 3.8	17.8 +- 0.9; 5.3	18.3 +- 1.9
37	220	14.0	23.3 +- 0.7; 3.5	15.8 +- 0.9; 5.0	15.7 +- 1.7
38	253	6.5	26.4 +- 0.8; 4.0	19.0 +- 1.0; 5.4	19.9 +- 2.5
39	278	10.0	26.6 +- 0.8; 4.0	19.2 +- 1.0; 5.4	19.0 +- 2.2
40	285	15.0	23.6 +- 0.7; 3.5	16.1 +- 0.9; 5.1	16.9 +- 1.8
41	292	6.7	25.5 +- 0.8; 3.8	18.0 +- 0.9; 5.3	18.5 +- 2.1
42	45	13.0	25.3 +- 0.8; 3.8	17.9 +- 0.9; 5.3	20.4 +- 2.0
43	5	7.5	27.0 +- 0.8; 4.0	19.7 +- 1.0; 5.5	19.9 +- 1.9
44	20	8.3	26.5 +- 0.8; 4.0	19.2 +- 1.0; 5.4	20.1 +- 1.8
45	315	7.5	26.9 +- 0.8; 4.0	19.5 +- 1.0; 5.5	21.1 +- 2.0
46	341	7.7	27.3 +- 0.8; 4.1	20.0 +- 1.0; 5.5	20.1 +- 1.4
47	355	1.0	25.4 +- 0.8; 3.8	18.0 +- 0.9; 5.3	18.3 +- 1.5

Transit Dose = 8.1 +- 0.5; 3.2

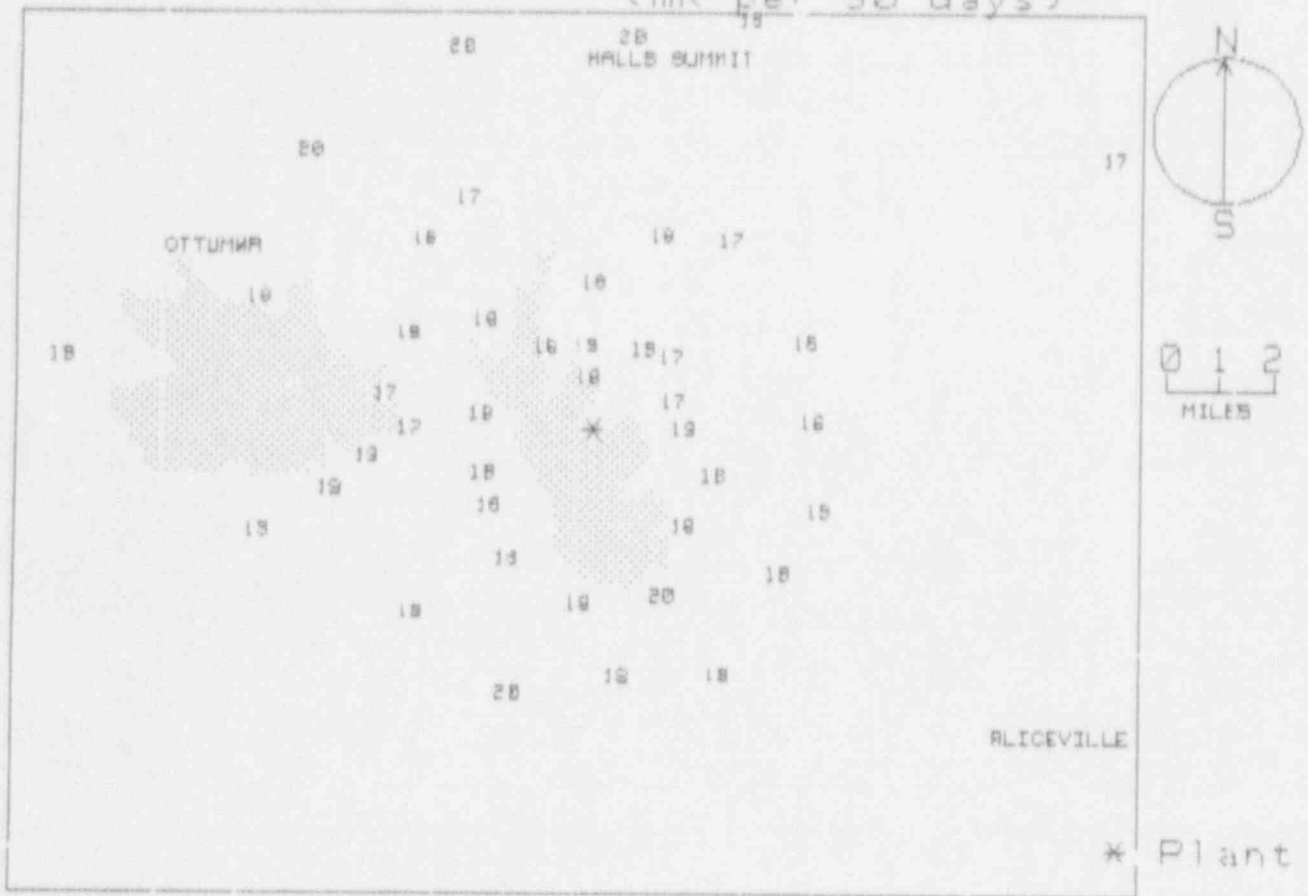
WOLF CREEK
For the period 911201-920423

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.7 +- 0.9	4
11.26 - 33.75 NNE	18.9 +- 0.4	3
33.76 - 56.25 NE	17.1 +- 0.7	3
56.26 - 78.75 ENE	16.5 +- 0.5	3
78.76 - 101.25 E	17.2 +- 2.0	2
101.26 - 123.75 ESE	18.3 +- 0.8	3
123.76 - 146.25 SE	17.5 +- 0.7	3
146.26 - 168.75 SSE	19.1 +- 1.7	2
168.76 - 191.25 S	18.7 +- 0.9	2
191.26 - 213.75 SSW	19.2 +- 0.9	2
213.76 - 236.25 SW	17.0 +- 1.1	3
236.26 - 258.75 WSW	18.6 +- 0.4	3
258.76 - 281.25 W	18.3 +- 1.4	5
281.26 - 303.75 WNW	17.6 +- 1.3	3
303.76 - 326.25 NW	17.8 +- 1.7	3
326.26 - 348.75 NNW	17.7 +- 2.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.8 +- 1.2	7
2 - 5	17.9 +- 1.2	25
> 5	18.2 +- 1.4	15
Upwind Control	No Data +- No Data	0

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



YANKEE ROWE

TLD Direct Radiation Environmental Monitoring

For the period 911205-920430 148 Days

Field Time: 92 Days

NRC Sta	Locat.on		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	0	0.8	25.2	+- 0.8; 3.8	18.1	+- 0.8; 4.9	19.1	+- 2.1
2	265	14.0	24.0	+- 0.7; 3.6	16.9	+- 0.8; 4.7	16.2	+- 2.2
3	137	12.0	24.0	+- 0.7; 3.6	17.0	+- 0.8; 4.7	16.1	+- 2.0
5	85	2.2	23.3	+- 0.7; 3.5	16.3	+- 0.8; 4.7	15.1	+- 1.9
6	118	2.6	23.1	+- 0.7; 3.5	16.1	+- 0.8; 4.6	15.4	+- 1.9
7	137	2.1	24.9	+- 0.7; 3.7	17.8	+- 0.8; 4.8	17.2	+- 2.0
8	153	1.7	23.1	+- 0.7; 3.5	16.1	+- 0.8; 4.6	15.9	+- 1.6
9	176	1.1	23.1	+- 0.7; 3.5	16.0	+- 0.8; 4.6	15.8	+- 1.8
10	203	0.5	23.9	+- 0.7; 3.6	16.8	+- 0.8; 4.7	16.4	+- 2.1
11	219	0.6	23.9	+- 0.7; 3.6	16.8	+- 0.8; 4.7	16.7	+- 1.8
12	239	1.1	25.3	+- 0.8; 3.8	18.2	+- 0.9; 4.9	20.1	+- 2.5
13	272	1.8	23.9	+- 0.7; 3.6	16.8	+- 0.8; 4.7	17.7	+- 2.5
14	292	1.3	24.9	+- 0.7; 3.7	17.8	+- 0.8; 4.8	17.8	+- 2.4
15	315	1.6	25.8	+- 0.8; 3.9	18.7	+- 0.9; 4.9	18.1	+- 2.4
16	348	1.4	25.7	+- 0.8; 3.8	18.5	+- 0.9; 4.9	17.7	+- 2.1
17	358	2.8	25.3	+- 0.8; 3.8	18.2	+- 0.9; 4.9	16.7	+- 2.4
18	21	2.8	23.0	+- 0.7; 3.5	16.0	+- 0.8; 4.6	15.3	+- 2.0
19	43	5.8	24.9	+- 0.7; 3.7	17.8	+- 0.8; 4.8	16.6	+- 1.8
20	75	6.0	26.0	+- 0.8; 3.9	18.9	+- 0.9; 5.0	17.6	+- 2.1
21	98	6.0	21.9	+- 0.7; 3.3	14.9	+- 0.8; 4.5	14.8	+- 1.8
22	104	5.2	20.9	+- 0.6; 3.1	13.9	+- 0.7; 4.4	13.6	+- 1.6
23	133	5.7	21.9	+- 0.7; 3.3	14.9	+- 0.8; 4.5	13.3	+- 1.7
24	157	7.5	23.1	+- 0.7; 3.5	16.1	+- 0.8; 4.7	14.2	+- 2.1
25	184	6.3	23.9	+- 0.7; 3.6	16.8	+- 0.8; 4.7	16.2	+- 2.1
27	225	5.9	24.9	+- 0.7; 3.7	17.8	+- 0.8; 4.8	17.1	+- 2.4
29	269	3.5	25.7	+- 0.8; 3.9	18.6	+- 0.9; 4.9	17.1	+- 2.3
32	342	3.3	25.2	+- 0.8; 3.8	18.1	+- 0.9; 4.9	17.0	+- 1.9
34	48	7.3	25.5	+- 0.8; 3.8	18.4	+- 0.9; 4.9	17.1	+- 1.9
35	39	2.3	22.2	+- 0.7; 3.3	15.1	+- 0.8; 4.5	14.4	+- 2.0
47	260	9.6	26.1	+- 0.8; 3.9	18.9	+- 0.9; 5.0	16.5	+- 1.8
48	261	9.0	26.7	+- 0.8; 4.0	19.5	+- 0.9; 5.0	18.4	+- 2.0

Transit Dose = 6.7 +- 0.4; 3.2

YANKEE ROWE

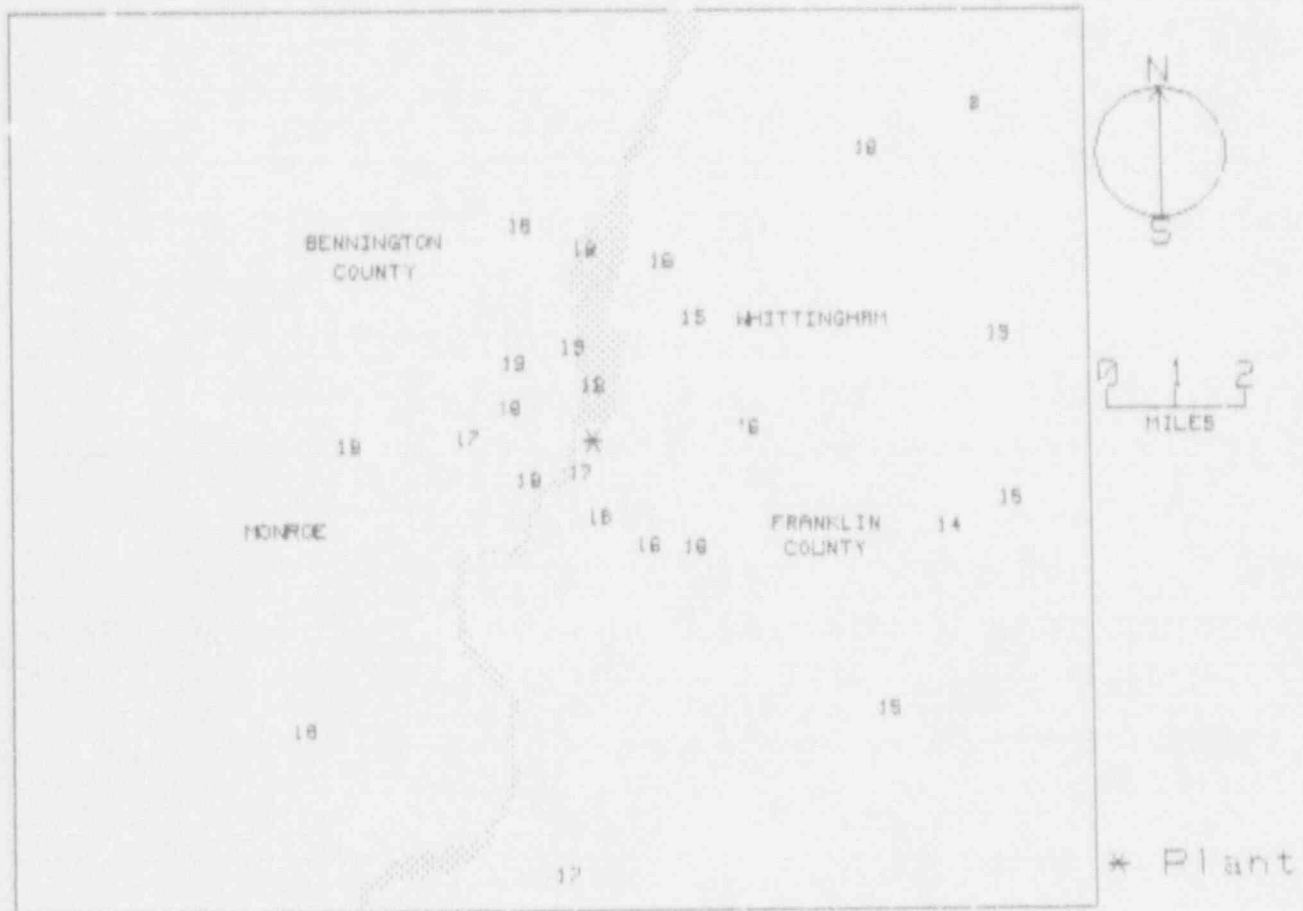
For the period 911205-920430

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.1 +- 0.1	2
11.26 - 33.75 NNE	16.0 +- 0.0	1
33.76 - 56.25 NE	17.1 +- 1.8	3
56.26 - 78.75 ENE	18.9 +- 0.0	1
78.76 - 101.25 E	15.6 +- 1.0	2
101.26 - 123.75 ESE	15.0 +- 1.5	2
123.76 - 146.25 SE	16.5 +- 1.5	3
146.26 - 168.75 SSE	16.1 +- 0.0	2
168.76 - 191.25 S	16.4 +- 0.6	2
191.26 - 213.75 SSW	16.8 +- 0.0	1
213.76 - 236.25 SW	17.3 +- 0.7	2
236.26 - 258.75 WSW	18.2 +- 0.0	1
258.76 - 281.25 W	17.4 +- 1.0	3
281.26 - 303.75 WNW	17.8 +- 0.0	1
303.76 - 326.25 NW	18.7 +- 0.0	1
326.26 - 348.75 NNW	18.3 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.4 +- 1.0	10
2 - 5	17.0 +- 1.3	8
> 5	16.7 +- 1.6	11
Upwind Control	19.2 +- 0.4	2

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



ZION

TLD Direct Radiation Environmental Monitoring

For the period 911202-920422 143 Days

Field Time: 84 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	310	0.8	22.0	+ 0.7; 3.3	19.1	+ 0.8; 4.6	15.6	+ 1.7
2	192	1.0	17.6	+ 0.5; 2.6	14.4	+ 0.7; 4.1	12.8	+ 2.1
3	187	1.9	19.0	+ 0.6; 2.9	16.0	+ 0.7; 4.3	14.0	+ 2.1
4	219	2.4	21.8	+ 0.7; 3.3	18.9	+ 0.8; 4.6	16.8	+ 2.0
5	257	1.8	20.7	+ 0.6; 3.1	17.8	+ 0.8; 4.5	17.2	+ 2.4
6	250	1.2	20.5	+ 0.6; 3.1	17.6	+ 0.7; 4.4	15.9	+ 2.0
7	293	1.6	21.2	+ 0.6; 3.2	18.3	+ 0.8; 4.5	16.7	+ 1.9
8	310	1.8	19.5	+ 0.6; 2.9	16.5	+ 0.7; 4.3	14.6	+ 2.1
9	343	2.6	20.2	+ 0.6; 3.0	17.3	+ 0.7; 4.4	15.3	+ 2.0
10	356	4.5	19.0	+ 0.6; 2.8	15.9	+ 0.7; 4.3	14.3	+ 2.1
11	337	4.5	20.8	+ 0.6; 3.1	17.9	+ 0.8; 4.5	16.5	+ 2.6
12	310	4.0	23.4	+ 0.7; 3.5	20.6	+ 0.8; 4.8	18.7	+ 2.2
13	201	3.5	23.6	+ 0.7; 3.5	20.9	+ 0.8; 4.8	19.1	+ 2.3
14	280	4.5	22.8	+ 0.7; 3.4	20.1	+ 0.8; 4.7	18.5	+ 2.1
15	232	3.2	21.8	+ 0.7; 3.3	19.0	+ 0.8; 4.6	17.5	+ 2.3
16	220	3.5	22.0	+ 0.7; 3.3	19.2	+ 0.8; 4.6	17.8	+ 2.0
17	198	4.5	22.2	+ 0.7; 3.3	19.4	+ 0.8; 4.7	15.5	+ 1.9
18	206	2.8	20.9	+ 0.6; 3.1	18.0	+ 0.8; 4.5	15.2	+ 2.1
19	327	1.7	21.5	+ 0.6; 3.2	18.6	+ 0.8; 4.6	15.2	+ 2.3
20	197	15.0	21.5	+ 0.6; 3.2	18.7	+ 0.8; 4.6	18.8	+ 2.4
21	352	7.9	18.8	+ 0.6; 2.8	15.7	+ 0.7; 4.2	14.7	+ 2.4
22	348	9.3	18.1	+ 0.5; 2.7	15.0	+ 0.7; 4.2	15.2	+ 2.4
23	336	8.5	23.2	+ 0.7; 3.5	20.4	+ 0.8; 4.8	17.2	+ 2.9
24	314	5.8	21.0	+ 0.6; 3.1	18.1	+ 0.8; 4.5	17.1	+ 1.5
25	220	6.3	19.4	+ 0.6; 2.9	16.3	+ 0.7; 4.3	16.2	+ 2.2
26	195	8.0	20.2	+ 0.6; 3.0	17.2	+ 0.7; 4.4	15.1	+ 2.0
28	197	15.0	21.9	+ 0.7; 3.3	19.0	+ 0.8; 4.6	18.8	+ 2.0
30	320	9.8	23.7	+ 0.7; 3.6	21.0	+ 0.8; 4.8	17.7	+ 1.9
31	229	8.0	21.2	+ 0.6; 3.2	18.3	+ 0.8; 4.5	16.4	+ 2.0
32	193	15.0	21.2	+ 0.6; 3.2	18.3	+ 0.8; 4.5	19.2	+ 1.8

Transit Dose = 4.1 +- 0.3; 2.8

ZION

For the period 911202-920422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.8 +- 0.2	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	16.0 +- 0.0	1
191.26 - 213.75 SSW	17.2 +- 2.1	4
213.76 - 236.25 SW	18.3 +- 1.2	5
236.26 - 258.75 WSW	17.7 +- 0.2	2
258.76 - 281.25 W	20.1 +- 0.0	1
281.26 - 303.75 WNW	19.6 +- 1.8	2
303.76 - 326.25 NW	19.1 +- 1.9	5
326.26 - 348.75 NNW	17.8 +- 2.0	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.3 +- 1.6	8
2 - 5	18.8 +- 1.5	11
> 5	17.7 +- 2.2	8
Upwind Control	18.7 +- 0.4	3

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11. ABSTRACT (200 words or less)

This report provides the status and results of the NRC Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network. It presents the radiation levels measured in the vicinity of NRC licensed facilities throughout the country for the first quarter of 1992.

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