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NRC TLD Direct Radiation Monitoring Network

Progress Report
April-June 1992

U.S. Nuclear Regulatory Commission

NRC Region I

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



Preface

The U. S. Nuclear Regulatory Commission (NRC) Direct Radiation Monitoring Network is operated by the NRC in cooperation with participating states to provide continuous measurement of the ambient radiation levels around licensed NRC facilities, primarily power reactors. Ambient radiation levels result from naturally occurring radionuclides present in the soil, cosmic radiation constantly bombarding the earth from outer space, and the contribution, if any, from the monitored facilities and other man-made sources. The Network is intended to measure radiation levels during routine facility operations and to establish background radiation levels used to assess the radiological impact of an unusual condition, such as an accident. This report presents the radiation levels measured around all facilities in the Network for the second quarter of 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 1, 475 Allendale Road, King of Prussia, Pennsylvania 19406, ATTN: Radiation Dosimetry Specialist.

Sites for which no data are presented

No data are presented for the following sites in this report: Diablo Canyon, San Onofre, and Yankee Rowe. The dosimeters for these sites had not been received at the TLD Laboratory as of the time this report was prepared for publication. The data for these sites will be presented in a future report.

Sites Monitored During the Second Quarter 1992

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 Guif	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

* Dosimeters had not been received at time of publication.

ARKANSAS

TLD Direct Radiation Environmental Monitoring

For the period 920310-920728 141 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	4	0.4	28.0	+ - 0.8; 4.2	19.2	+ - 0.9; 5.0	17.7	+ - 1.9
2	353	4.1	27.4	+ - 0.8; 4.1	18.7	+ - 0.9; 4.9	17.6	+ - 2.0
3	32	1.3	28.3	+ - 0.8; 4.2	19.6	+ - 0.9; 5.0	18.4	+ - 2.2
4	13	3.3	27.7	+ - 0.8; 4.2	19.0	+ - 0.9; 5.0	16.7	+ - 1.9
5	53	1.5	26.4	+ - 0.8; 4.0	17.8	+ - 0.8; 4.8	17.8	+ - 2.1
6	37	3.6	27.0	+ - 0.8; 4.0	18.3	+ - 0.9; 4.9	16.8	+ - 1.7
7	78	2.5	28.6	+ - 0.9; 4.3	19.8	+ - 0.9; 5.0	19.1	+ - 2.4
8	60	3.2	29.1	+ - 0.9; 4.4	20.3	+ - 0.9; 5.1	20.3	+ - 2.9
9	92	0.5	30.3	+ - 0.9; 4.5	21.4	+ - 0.9; 5.2	19.2	+ - 2.4
10	83	5.5	27.5	+ - 0.8; 4.1	18.8	+ - 0.9; 4.9	17.8	+ - 2.1
11	122	2.1	26.5	+ - 0.8; 4.0	17.9	+ - 0.8; 4.8	16.4	+ - 1.9
12	109	6.8	28.7	+ - 0.9; 4.3	19.9	+ - 0.9; 5.1	18.3	+ - 2.0
13	138	2.6	25.7	+ - 0.8; 3.9	17.1	+ - 0.8; 4.7	14.9	+ - 1.7
14	130	4.9	27.4	+ - 0.8; 4.1	18.7	+ - 0.9; 4.9	16.0	+ - 2.0
16	167	4.4	Missing Dosimeter		No Net Data		17.9	+ - 1.8
17	171	0.4	27.7	+ - 0.8; 4.2	19.0	+ - 0.9; 5.0	17.2	+ - 2.0
18	189	3.2	28.0	+ - 0.8; 4.2	19.2	+ - 0.9; 5.0	17.5	+ - 1.9
19	205	2.9	29.0	+ - 0.9; 4.3	20.2	+ - 0.9; 5.1	16.8	+ - 2.1
20	195	5.8	25.5	+ - 0.8; 3.8	17.0	+ - 0.8; 4.7	16.3	+ - 2.4
21	235	0.5	30.4	+ - 0.9; 4.6	21.5	+ - 0.9; 5.3	19.6	+ - 2.1
22	230	3.6	24.9	+ - 0.7; 3.7	16.4	+ - 0.8; 4.7	14.2	+ - 1.6
23	257	2.8	26.6	+ - 0.8; 4.0	18.0	+ - 0.8; 4.8	16.1	+ - 1.8
24	243	4.5	28.9	+ - 0.9; 4.3	20.1	+ - 0.9; 5.1	16.9	+ - 1.7
25	279	1.2	30.8	+ - 0.9; 4.6	21.8	+ - 0.9; 5.3	20.4	+ - 2.2
26	263	4.3	27.3	+ - 0.8; 4.1	18.6	+ - 0.9; 4.9	17.5	+ - 2.0
27	298	0.4	30.9	+ - 0.9; 4.6	21.9	+ - 0.9; 5.3	18.7	+ - 2.0
28	293	5.8	29.1	+ - 0.9; 4.4	20.2	+ - 0.9; 5.1	17.0	+ - 2.2
29	326	1.9	28.5	+ - 0.9; 4.3	19.8	+ - 0.9; 5.0	18.0	+ - 2.0
30	308	4.8	30.6	+ - 0.9; 4.6	21.7	+ - 0.9; 5.3	17.8	+ - 2.0
31	345	1.3	30.8	+ - 0.9; 4.6	21.8	+ - 0.9; 5.3	18.5	+ - 2.1
32	335	4.2	28.2	+ - 0.8; 4.2	19.4	+ - 0.9; 5.0	15.9	+ - 2.0
33	110	0.8	30.8	+ - 0.9; 4.6	21.9	+ - 0.9; 5.3	18.7	+ - 2.2
39	112	6.0	28.6	+ - 0.9; 4.3	19.8	+ - 0.9; 5.1	18.4	+ - 2.1
40	147	8.0	28.9	+ - 0.9; 4.3	20.1	+ - 0.9; 5.1	18.7	+ - 2.0
41	106	17.0	28.7	+ - 0.9; 4.3	19.9	+ - 0.9; 5.1	18.0	+ - 1.6
42	310	17.0	27.9	+ - 0.8; 4.2	19.2	+ - 0.9; 5.0	16.0	+ - 2.0
43	105	5.2	28.8	+ - 0.9; 4.3	20.0	+ - 0.9; 5.1	18.5	+ - 2.2
44	315	13.0	28.1	+ - 0.8; 4.2	19.4	+ - 0.9; 5.0	17.7	+ - 2.2
45	47	8.9	25.7	+ - 0.8; 3.9	17.2	+ - 0.8; 4.8	15.6	+ - 1.9
46	115	8.3	28.9	+ - 0.9; 4.3	20.1	+ - 0.9; 5.1	18.2	+ - 2.2
47	208	20.0	27.9	+ - 0.8; 4.2	19.2	+ - 0.9; 5.0	18.7	+ - 2.7
48	179	19.0	28.2	+ - 0.8; 4.2	19.4	+ - 0.9; 5.0	18.4	+ - 2.4
49	150	22.0	Missing Dosimeter		No Net Data		20.0	+ - 2.0

Transit Dose = 7.0 + - 0.5; 3.4

ARKANSAS

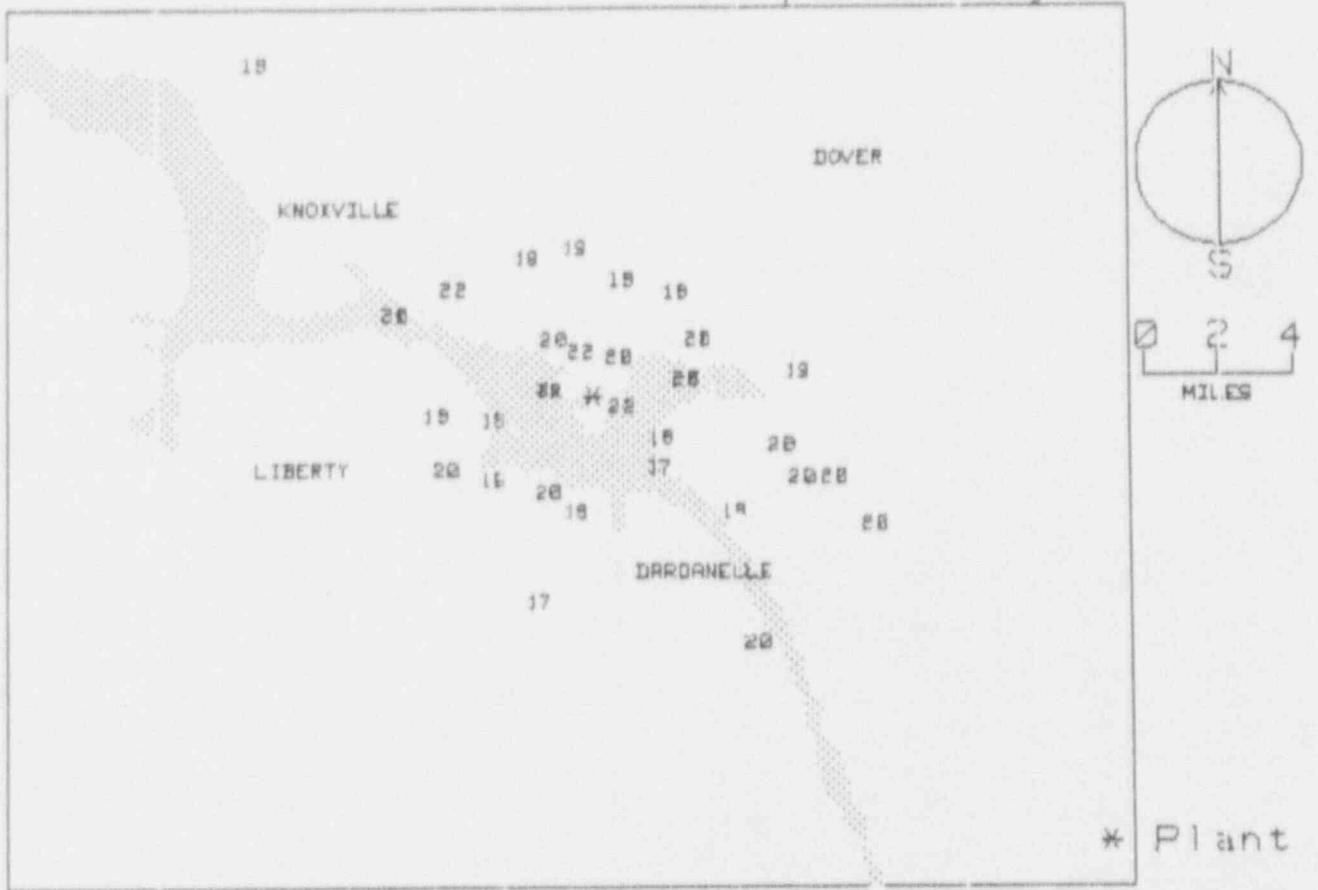
For the period 920310-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.0 +- 0.4	2
11 - 33.75 NNE	19.3 +- 0.4	2
33.76 - 56.25 NE	17.8 +- 0.6	3
56.26 - 78.75 ENE	20.0 +- 0.3	2
78.76 - 101.25 E	20.1 +- 1.8	2
101.26 - 123.75 ESE	19.9 +- 1.2	7
123.76 - 146.25 SE	17.9 +- 1.1	2
146.26 - 168.75 SSE	20.1 +- 0.0	1
168.76 - 191.25 S	19.1 +- 0.2	2
191.26 - 213.75 SSW	18.6 +- 2.2	2
213.76 - 236.25 SW	18.9 +- 3.6	2
236.26 - 258.75 WSW	19.0 +- 1.5	2
258.76 - 281.25 W	20.2 +- 2.3	2
281.26 - 303.75 WNW	21.1 +- 1.2	2
303.76 - 326.25 NW	20.0 +- 1.1	4
326.26 - 348.75 NNW	20.6 +- 1.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.5 +- 1.5	11
2 - 5	19.0 +- 1.3	16
> 5	19.3 +- 1.1	2
Upwind Control	19.3 +- 0.2	2

NRC TLD DOSES FOR THE KANSAS AREA
(mR per 90 days)



BEAVER VALLEY

TLD Direct Radiation Environmental Monitoring

For the period 920313-920728 138 Days

Field Time: 99 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	340	15.8	22.7 +- 0.7; 3.4	16.1 +- 0.7; 4.3	17.2 +- 2.0
2	3	13.1	22.1 +- 0.7; 3.3	15.5 +- 0.7; 4.2	17.5 +- 1.7
4	30	11.9	Missing Dosimeter	No Net Data	20.0 +- 2.0
5	53	8.2	24.1 +- 0.7; 3.6	17.4 +- 0.7; 4.4	18.8 +- 1.7
6	58	9.1	26.3 +- 0.8; 3.9	19.4 +- 0.8; 4.7	19.4 +- 1.9
7	97	8.0	25.9 +- 0.8; 3.9	19.0 +- 0.8; 4.6	19.7 +- 2.0
8	110	4.2	23.7 +- 0.7; 3.5	17.0 +- 0.7; 4.4	19.3 +- 1.7
9	111	1.9	25.5 +- 0.8; 3.8	18.6 +- 0.8; 4.6	19.9 +- 2.2
10	92	2.2	24.8 +- 0.7; 3.7	18.0 +- 0.8; 4.5	19.5 +- 1.4
11	64	3.6	25.5 +- 0.8; 3.8	18.6 +- 0.8; 4.6	19.9 +- 2.1
12	148	4.0	27.1 +- 0.8; 4.1	20.1 +- 0.8; 4.8	21.0 +- 1.3
13	171	4.4	24.1 +- 0.7; 3.6	17.3 +- 0.7; 4.4	18.9 +- 1.8
14	183	4.4	23.3 +- 0.7; 3.5	16.6 +- 0.7; 4.4	18.5 +- 1.5
15	198	3.6	23.8 +- 0.7; 3.6	17.1 +- 0.7; 4.4	19.0 +- 1.7
16	254	5.7	24.4 +- 0.7; 3.7	17.7 +- 0.8; 4.5	18.5 +- 1.6
17	267	6.5	23.8 +- 0.7; 3.6	17.1 +- 0.7; 4.4	18.0 +- 1.7
18	231	2.5	23.5 +- 0.7; 3.5	16.9 +- 0.7; 4.4	19.0 +- 1.5
19	266	2.5	26.5 +- 0.8; 4.0	19.5 +- 0.8; 4.7	20.4 +- 1.7
20	291	3.8	22.3 +- 0.7; 3.3	15.7 +- 0.7; 4.3	17.4 +- 2.1
21	298	2.4	27.2 +- 0.8; 4.1	20.1 +- 0.8; 4.8	21.0 +- 1.9
22	219	1.5	23.9 +- 0.7; 3.6	17.2 +- 0.7; 4.4	17.9 +- 1.2
23	252	2.4	26.4 +- 0.8; 4.0	19.5 +- 0.8; 4.7	21.2 +- 2.5
24	207	2.2	26.0 +- 0.8; 3.9	19.1 +- 0.8; 4.6	19.8 +- 1.8
25	187	2.2	26.3 +- 0.8; 3.9	19.3 +- 0.8; 4.7	20.2 +- 1.8
26	158	2.2	25.9 +- 0.8; 3.9	19.0 +- 0.8; 4.6	19.4 +- 1.8
27	135	1.9	24.4 +- 0.7; 3.7	17.6 +- 0.8; 4.5	20.1 +- 1.3
28	99	1.4	26.2 +- 0.8; 3.9	19.3 +- 0.8; 4.7	20.5 +- 2.0
29	64	1.4	23.7 +- 0.7; 3.6	17.0 +- 0.7; 4.4	18.7 +- 1.8
30	53	1.0	24.9 +- 0.7; 3.7	18.1 +- 0.8; 4.5	19.2 +- 1.7
31	320	1.4	27.8 +- 0.8; 4.2	20.7 +- 0.8; 4.8	21.3 +- 2.1
32	320	3.5	24.0 +- 0.7; 3.6	17.3 +- 0.7; 4.4	19.3 +- 1.8
33	335	2.5	25.1 +- 0.8; 3.8	18.3 +- 0.8; 4.5	19.4 +- 1.8
34	340	5.2	20.9 +- 0.6; 3.1	14.5 +- 0.7; 4.1	17.6 +- 2.0
35	4	3.5	25.8 +- 0.8; 3.9	18.9 +- 0.8; 4.6	19.8 +- 2.0
36	23	3.2	27.5 +- 0.8; 4.1	20.5 +- 0.8; 4.8	22.2 +- 1.8
37	42	2.8	22.4 +- 0.7; 3.4	15.9 +- 0.7; 4.3	16.7 +- 1.2
38	27	1.6	22.0 +- 0.7; 3.3	15.4 +- 0.7; 4.2	18.1 +- 2.0
39	348	1.6	24.4 +- 0.7; 3.7	17.6 +- 0.8; 4.5	19.3 +- 1.8
40	340	15.8	21.4 +- 0.6; 3.2	14.9 +- 0.7; 4.2	16.7 +- 1.8
41	340	15.8	22.4 +- 0.7; 3.4	15.8 +- 0.7; 4.3	17.0 +- 1.7

Transit Dose = 5.0 +- 0.4; 3.3

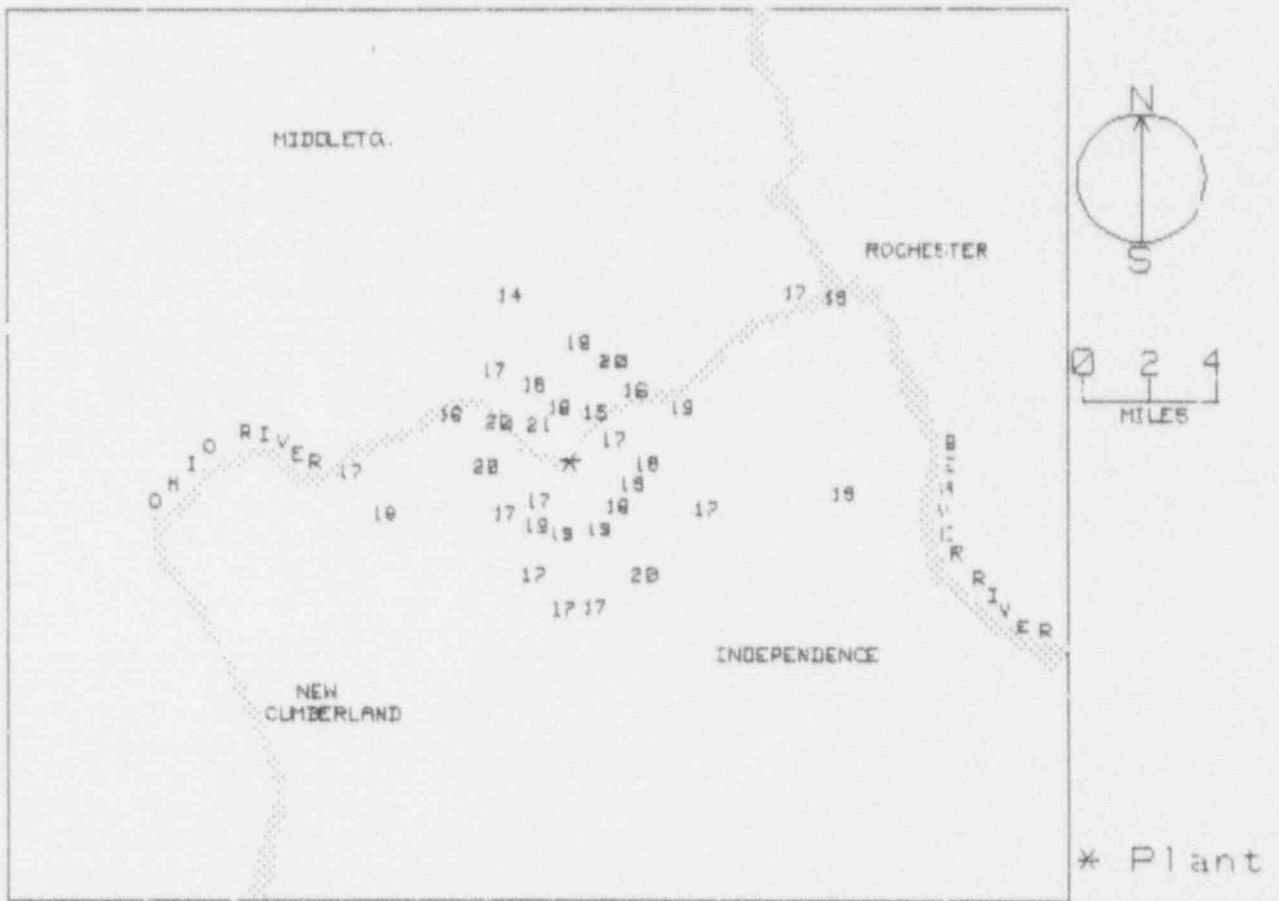
BEAVER VALLEY
For the period 920313-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.2 +- 2.4	2
11.26 - 33.75 NNE	17.9 +- 3.6	2
33.76 - 56.25 NE	17.1 +- 1.2	3
56.26 - 78.75 ENE	18.3 +- 1.2	3
78.76 - 101.25 E	18.8 +- 0.7	3
101.26 - 123.75 ESE	17.8 +- 1.2	2
123.76 - 146.25 SE	17.6 +- 0.0	1
146.26 - 168.75 SSE	19.6 +- 0.8	2
168.76 - 191.25 S	17.8 +- 1.4	3
191.26 - 213.75 SSW	18.1 +- 1.4	2
213.76 - 236.25 SW	17.0 +- 0.2	2
236.26 - 258.75 WSW	18.6 +- 1.3	2
258.76 - 281.25 W	18.3 +- 1.7	2
281.26 - 303.75 WNW	17.9 +- 3.1	2
303.76 - 326.25 NW	19.0 +- 2.4	2
326.26 - 348.75 NNW	16.8 +- 2.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 1.5	9
2 - 5	18.2 +- 1.4	20
> 5	17.2 +- 1.8	7
Upwind Control	15.6 +- 0.6	3

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



BIG ROCK

TLD Direct Radiation Environmental Monitoring

For the period 920311-920716 128 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	208	4.9	20.2	+ - 0.6; 3.0	12.8	+ - 0.7; 4.4	13.9	+ - 1.7
2	220	3.6	19.0	+ - 0.6; 2.9	11.7	+ - 0.7; 4.3	12.9	+ - 2.0
3	2	2.4	19.2	+ - 0.6; 2.9	11.8	+ - 0.7; 4.3	13.1	+ - 2.3
4	1	3.3	19.1	+ - 0.6; 2.9	11.8	+ - 0.7; 4.3	12.7	+ - 2.0
5	161	4.6	19.8	+ - 0.6; 3.0	12.5	+ - 0.7; 4.4	13.4	+ - 2.1
6	133	4.7	22.0	+ - 0.7; 3.3	14.7	+ - 0.8; 4.6	14.4	+ - 2.0
7	116	3.7	24.1	+ - 0.7; 3.6	16.7	+ - 0.8; 4.8	15.1	+ - 2.1
8	111	4.7	22.3	+ - 0.7; 3.3	14.9	+ - 0.8; 4.6	14.8	+ - 2.5
9	98	4.5	20.9	+ - 0.6; 3.1	13.6	+ - 0.8; 4.5	13.3	+ - 1.9
10	88	12.0	19.5	+ - 0.6; 2.9	12.2	+ - 0.7; 4.3	12.7	+ - 1.9
11	83	16.0	17.2	+ - 0.5; 2.6	9.9	+ - 0.7; 4.1	13.7	+ - 2.2
12	83	16.0	18.0	+ - 0.5; 2.7	10.6	+ - 0.7; 4.2	13.1	+ - 2.1
13	83	16.0	18.4	+ - 0.6; 2.8	11.1	+ - 0.7; 4.2	12.8	+ - 1.9
14	77	3.4	19.6	+ - 0.6; 2.9	12.2	+ - 0.7; 4.3	12.1	+ - 1.9
15	96	1.8	21.6	+ - 0.6; 3.2	14.2	+ - 0.8; 4.6	14.2	+ - 2.1
16	118	2.0	21.0	+ - 0.6; 3.2	13.6	+ - 0.8; 4.5	13.9	+ - 2.3
17	134	2.0	20.0	+ - 0.6; 3.0	12.6	+ - 0.7; 4.4	13.7	+ - 1.7
18	222	1.9	18.1	+ - 0.5; 2.7	10.7	+ - 0.7; 4.2	12.4	+ - 2.2
19	194	1.4	22.2	+ - 0.7; 3.3	14.8	+ - 0.8; 4.6	15.1	+ - 2.1
20	179	1.5	20.2	+ - 0.6; 3.0	12.9	+ - 0.7; 4.4	13.5	+ - 1.9
21	153	1.1	21.0	+ - 0.6; 3.2	13.6	+ - 0.8; 4.5	13.2	+ - 1.7

Transit Dose = 7.2 + - 0.4; 3.3

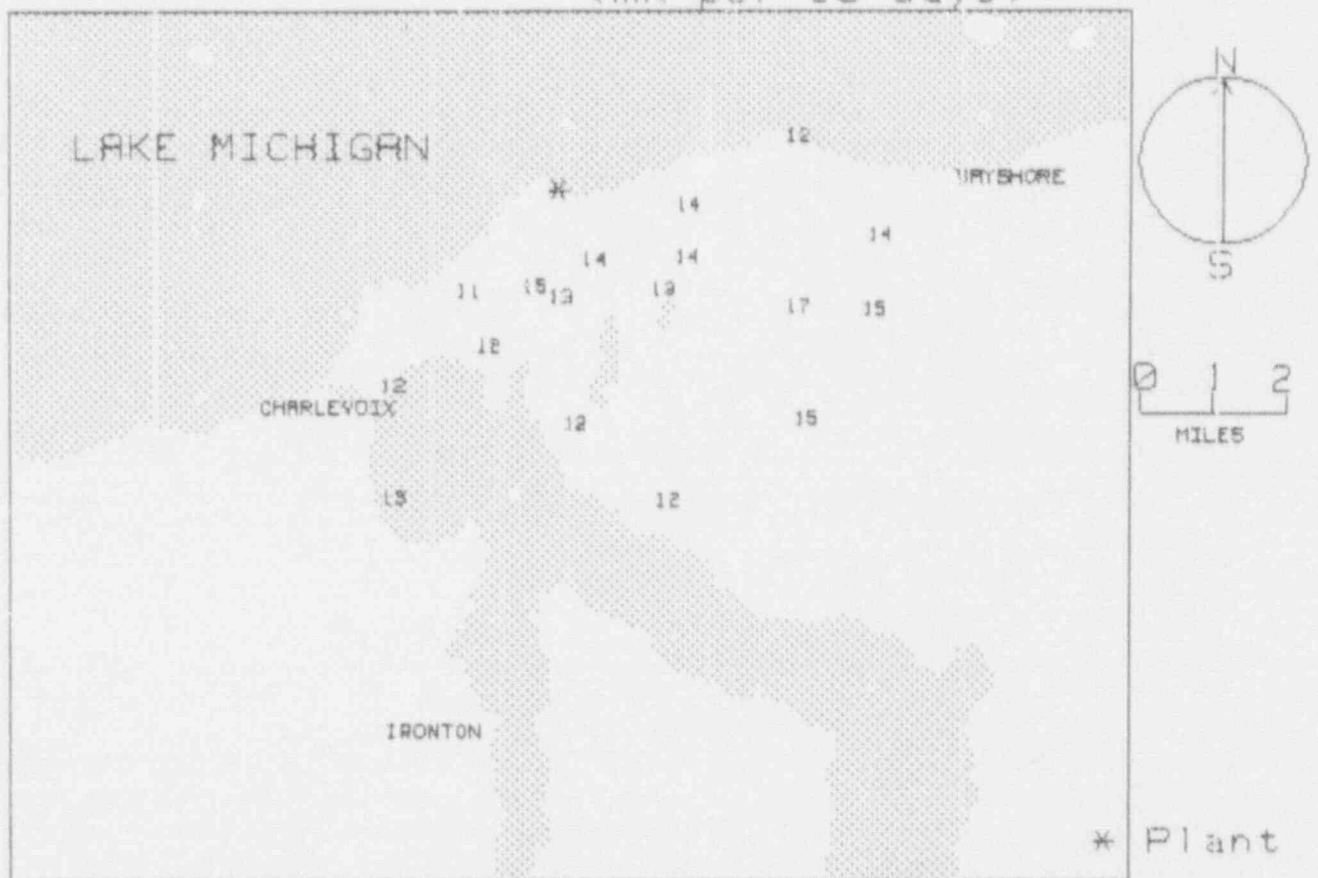
BIG ROCK
For the period 920311-920716

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	12.2 +- 0.0	1
78.76 - 101.25 E	13.3 +- 1.0	3
101.26 - 123.75 ESE	15.1 +- 1.5	3
123.76 - 146.25 SE	13.6 +- 1.5	2
146.26 - 168.75 SSE	13.0 +- 0.8	2
168.76 - 191.25 S	12.3 +- 0.8	2
191.26 - 213.75 SSW	13.1 +- 1.5	3
213.76 - 236.25 SW	11.2 +- 0.7	2
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.2 +- 1.3	7
2 - 5	13.3 +- 1.7	10
> 5	12.2 +- 0.0	1
Upwind Control	10.5 +- 0.6	3

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



BRAIDWOOD

TLD Direct Radiation Environmental Monitoring

For the period 920311-920721 133 Days

Field Time: 96 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm; Tot.		+Rdm; Tot.		+1 Std Dev	
1	28	0.8	18.1	+ 0.5; 2.7	9.3	+ 0.7; 4.2	15.0	+ 4.7
2	29	1.3	22.8	+ 0.7; 3.4	13.8	+ 0.8; 4.6	15.6	+ 3.7
3	53	2.0	17.7	+ 0.5; 2.6	8.9	+ 0.7; 4.1	13.5	+ 3.8
4	72	2.1	22.4	+ 0.7; 3.4	13.4	+ 0.8; 4.6	15.8	+ 3.6
5	87	2.0	21.8	+ 0.7; 3.3	12.9	+ 0.8; 4.5	15.5	+ 3.8
6	119	2.5	17.5	+ 0.5; 2.6	8.8	+ 0.7; 4.1	15.2	+ 4.6
7	133	3.3	22.8	+ 0.7; 3.4	13.7	+ 0.8; 4.6	15.9	+ 3.7
8	151	3.3	21.0	+ 0.6; 3.1	12.1	+ 0.7; 4.4	14.7	+ 3.4
9	172	3.9	Missing Dosimeter		No Net Data		19.7	+ 5.2
10	197	2.8	21.4	+ 0.6; 3.2	12.5	+ 0.8; 4.5	16.0	+ 4.0
11	212	1.4	21.2	+ 0.6; 3.2	12.2	+ 0.7; 4.4	14.8	+ 3.4
12	232	1.0	20.0	+ 0.6; 3.0	11.1	+ 0.7; 4.3	14.4	+ 3.8
13	255	1.0	22.6	+ 0.7; 3.4	13.6	+ 0.8; 4.6	14.8	+ 3.6
14	278	1.2	21.8	+ 0.7; 3.3	12.8	+ 0.8; 4.5	15.3	+ 3.4
15	310	1.3	22.3	+ 0.7; 3.3	13.3	+ 0.8; 4.5	15.4	+ 3.6
16	342	1.3	18.1	+ 0.5; 2.7	9.4	+ 0.7; 4.2	13.2	+ 3.7
17	8	1.5	21.5	+ 0.6; 3.2	12.6	+ 0.8; 4.5	15.4	+ 3.8
18	18	3.5	23.0	+ 0.7; 3.5	14.0	+ 0.8; 4.6	19.1	+ 4.6
19	42	6.3	19.0	+ 0.6; 2.8	10.2	+ 0.7; 4.2	14.6	+ 4.0
20	69	5.7	21.8	+ 0.7; 3.3	12.8	+ 0.8; 4.5	16.7	+ 3.6
21	86	7.0	24.3	+ 0.7; 3.6	15.2	+ 0.8; 4.7	17.8	+ 3.9
22	103	11.0	20.6	+ 0.6; 3.1	11.7	+ 0.7; 4.4	16.9	+ 4.4
23	45	4.9	22.2	+ 0.7; 3.3	13.2	+ 0.8; 4.5	16.4	+ 3.7
24	70	4.2	22.5	+ 0.7; 3.4	13.5	+ 0.8; 4.6	15.3	+ 3.9
25	86	4.1	18.1	+ 0.5; 2.7	9.4	+ 0.7; 4.2	13.9	+ 3.5
26	125	5.0	18.7	+ 0.6; 2.8	9.9	+ 0.7; 4.2	14.7	+ 5.2
27	142	7.2	23.0	+ 0.7; 3.4	13.9	+ 0.8; 4.6	18.0	+ 4.1
28	161	6.1	22.8	+ 0.7; 3.4	13.8	+ 0.8; 4.6	15.6	+ 3.7
29	180	5.9	24.3	+ 0.7; 3.6	15.2	+ 0.8; 4.7	19.9	+ 4.5
30	187	5.8	27.8	+ 0.8; 4.2	18.2	+ 0.9; 5.1	21.1	+ 4.2
31	225	5.4	25.8	+ 0.8; 3.9	16.5	+ 0.9; 4.9	18.4	+ 3.7
32	253	4.0	23.0	+ 0.7; 3.4	13.9	+ 0.8; 4.6	16.1	+ 3.7
33	289	4.1	23.7	+ 0.7; 3.6	14.6	+ 0.8; 4.7	17.6	+ 4.1
34	315	4.0	23.6	+ 0.7; 3.5	14.5	+ 0.8; 4.7	16.9	+ 3.8
35	333	4.0	Missing Dosimeter		No Net Data		16.2	+ 4.0
36	0	5.5	22.1	+ 0.7; 3.3	13.1	+ 0.8; 4.5	15.9	+ 4.0
37	21	5.0	17.0	+ 0.5; 2.6	8.3	+ 0.7; 4.1	13.4	+ 4.4
38	224	14.7	20.6	+ 0.6; 3.1	11.7	+ 0.7; 4.4	15.3	+ 4.2
39	224	14.7	20.4	+ 0.6; 3.1	11.5	+ 0.7; 4.4	14.8	+ 3.6
40	187	10.3	26.0	+ 0.8; 3.9	16.8	+ 0.9; 4.9	18.8	+ 4.3

Transit Dose = 8.1 +- 0.5; 3.5

BRAIDWOOD
For the period 920311-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.9 +- 0.4	2
11.26 - 33.75 NNE	11.4 +- 2.9	4
33.76 - 56.25 NE	10.8 +- 2.2	3
56.26 - 78.75 ENE	13.2 +- 0.4	3
78.76 - 101.25 E	12.5 +- 2.9	3
101.26 - 123.75 ESE	10.2 +- 2.0	2
123.76 - 146.25 SE	12.5 +- 2.3	3
146.26 - 168.75 SSE	12.9 +- 1.2	2
168.76 - 191.25 S	16.8 +- 2.3	2
191.26 - 213.75 SSW	12.4 +- 0.2	2
213.76 - 236.25 SW	13.1 +- 3.0	3
236.26 - 258.75 WSW	13.7 +- 0.2	2
258.76 - 281.25 W	12.8 +- 0.0	1
281.26 - 303.75 WNW	14.6 +- 0.0	1
303.76 - 326.25 NW	13.9 +- 0.9	2
326.26 - 348.75 NNW	9.4 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.8 +- 1.8	11
2 - 5	12.3 +- 2.2	14
> 5	13.9 +- 2.4	11
Upwind Control	14.1 +- 3.7	2

MAP FOR BRAIDWOOD

Map will be provided for this site in the future.

BROWNS FERRY

TLD Direct Radiation Environmental Monitoring

For the period 920313-920722 132 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	130	9.0	18.7	+- 0.6; 2.8	12.6	+- 0.7; 4.4	14.5	+- 1.6
2	133	5.5	22.2	+- 0.7; 3.3	16.2	+- 0.8; 4.8	15.0	+- 2.1
3	153	4.3	18.9	+- 0.6; 2.8	12.8	+- 0.7; 4.4	15.0	+- 1.8
4	210	5.8	21.5	+- 0.6; 3.2	15.6	+- 0.8; 4.7	17.9	+- 2.0
5	220	6.0	19.7	+- 0.6; 3.0	13.7	+- 0.8; 4.5	15.3	+- 1.8
6	245	4.5	23.5	+- 0.7; 3.5	17.7	+- 0.9; 4.9	18.8	+- 2.2
7	269	1.9	20.6	+- 0.6; 3.1	14.6	+- 0.8; 4.6	16.8	+- 1.9
8	257	11.0	19.4	+- 0.6; 2.9	13.3	+- 0.8; 4.5	15.9	+- 1.8
9	295	7.0	20.3	+- 0.6; 3.0	14.2	+- 0.8; 4.6	16.9	+- 2.1
10	292	4.5	19.7	+- 0.6; 2.9	13.6	+- 0.8; 4.5	16.7	+- 1.9
11	269	1.9	21.0	+- 0.6; 3.2	15.0	+- 0.8; 4.7	17.0	+- 1.9
12	240	2.6	19.6	+- 0.6; 2.9	13.5	+- 0.8; 4.5	15.9	+- 2.0
13	220	1.7	25.4	+- 0.8; 3.8	19.7	+- 0.9; 5.2	19.0	+- 2.8
14	268	17.0	21.0	+- 0.6; 3.2	15.0	+- 0.8; 4.7	17.6	+- 1.9
15	201	3.0	22.0	+- 0.7; 3.3	16.1	+- 0.8; 4.8	17.5	+- 1.9
16	181	3.0	20.7	+- 0.6; 3.1	14.7	+- 0.8; 4.6	16.3	+- 1.9
17	50	9.5	22.4	+- 0.7; 3.4	16.5	+- 0.8; 4.8	17.5	+- 1.9
18	51	3.5	20.1	+- 0.6; 3.0	14.1	+- 0.8; 4.6	15.9	+- 1.7
19	62	3.2	20.8	+- 0.6; 3.1	14.8	+- 0.8; 4.6	16.5	+- 2.1
20	86	2.8	23.2	+- 0.7; 3.5	17.3	+- 0.9; 4.9	18.8	+- 2.0
21	111	3.1	23.5	+- 0.7; 3.5	17.7	+- 0.9; 4.9	19.5	+- 2.2
22	64	1.1	25.0	+- 0.7; 3.7	19.2	+- 0.9; 5.1	20.1	+- 2.1
23	90	26.0	20.1	+- 0.6; 3.0	14.0	+- 0.8; 4.5	17.3	+- 2.0
24	111	0.8	23.0	+- 0.7; 3.4	17.1	+- 0.9; 4.9	18.0	+- 1.8
25	46	2.2	21.6	+- 0.6; 3.2	15.6	+- 0.8; 4.7	18.3	+- 2.1
26	26	1.7	24.9	+- 0.7; 3.7	19.2	+- 0.9; 5.1	19.8	+- 2.3
27	333	1.7	20.9	+- 0.6; 3.1	14.9	+- 0.8; 4.6	16.8	+- 1.8
28	335	1.0	20.8	+- 0.6; 3.1	14.8	+- 0.8; 4.6	18.7	+- 2.3
29	27	3.8	21.9	+- 0.7; 3.3	16.0	+- 0.8; 4.8	18.2	+- 1.9
30	0	4.0	19.8	+- 0.6; 3.0	13.8	+- 0.8; 4.5	15.5	+- 1.8
31	340	5.3	23.3	+- 0.7; 3.5	17.4	+- 0.9; 4.9	18.5	+- 2.0
32	312	12.0	22.1	+- 0.7; 3.3	16.1	+- 0.8; 4.8	18.1	+- 2.4
33	0	1.5	23.0	+- 0.7; 3.5	17.2	+- 0.9; 4.9	19.4	+- 2.1
34	52	7.0	19.9	+- 0.6; 3.0	13.8	+- 0.8; 4.5	16.8	+- 2.2
35	95	5.4	21.1	+- 0.6; 3.2	15.2	+- 0.8; 4.7	17.3	+- 2.0
36	68	5.6	22.1	+- 0.7; 3.3	16.2	+- 0.8; 4.8	18.2	+- 2.2
37	149	7.8	20.4	+- 0.6; 3.1	14.4	+- 0.8; 4.6	16.5	+- 2.0
38	164	7.0	18.7	+- 0.6; 2.8	12.6	+- 0.7; 4.4	14.1	+- 2.0

Transit Dose = 6.8 +- 0.4; 3.1

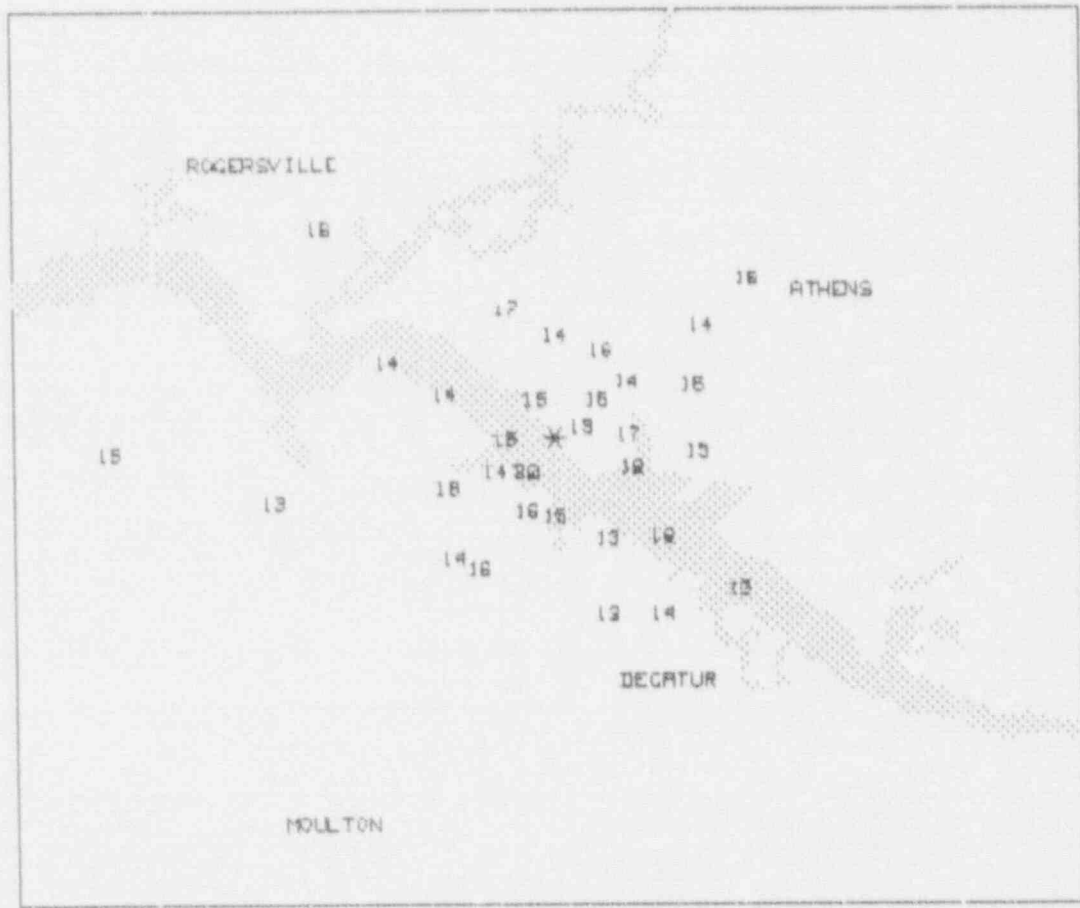
BROWNS FERRY
For the period 920313-920722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.5 +- 2.4	2
11.26 - 33.75 NNE	17.6 +- 2.3	2
33.76 - 56.25 NE	15.0 +- 1.3	4
56.26 - 78.75 ENE	16.7 +- 2.3	3
78.76 - 101.25 E	15.5 +- 1.7	3
101.26 - 123.75 ESE	17.4 +- 0.4	2
123.76 - 146.25 SE	14.4 +- 2.6	2
146.26 - 168.75 SSE	13.2 +- 1.0	3
168.76 - 191.25 S	14.7 +- 0.0	1
191.26 - 213.75 SSW	15.8 +- 0.3	2
213.76 - 236.25 SW	16.7 +- 4.3	2
236.26 - 258.75 WSW	15.6 +- 2.9	2
258.76 - 281.25 W	14.8 +- 0.3	2
281.26 - 303.75 WNW	13.9 +- 0.5	2
303.76 - 326.25 NW	16.1 +- 0.0	1
326.26 - 348.75 NNW	15.7 +- 1.5	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.9 +- 2.1	9
2 - 5	15.2 +- 1.7	13
> 5	14.9 +- 1.5	14
Upwind Control	14.2 +- 1.2	2

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



* Plant

BRUNSWICK

TLD Direct Radiation Environmental Monitoring

For the period 920313-920729 139 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	260	2.2	20.5	+-	0.6; 3.1	8.4	+-	0.8; 4.7	10.8	+- 1.3
2	245	3.4	20.8	+-	0.6; 3.1	8.7	+-	0.8; 4.8	10.7	+- 1.4
3	231	3.8	21.1	+-	0.6; 3.2	9.0	+-	0.8; 4.8	10.4	+- 1.3
4	210	4.9	23.0	+-	0.7; 3.5	10.9	+-	0.9; 5.0	13.1	+- 1.4
5	186	4.3	22.9	+-	0.7; 3.4	10.7	+-	0.9; 5.0	12.9	+- 1.6
6	270	4.5	20.8	+-	0.6; 3.1	8.8	+-	0.8; 4.8	10.7	+- 1.2
7	272	4.4	21.7	+-	0.7; 3.3	9.6	+-	0.8; 4.9	11.6	+- 1.3
8	73	1.3	21.9	+-	0.7; 3.3	9.8	+-	0.9; 4.9	12.9	+- 1.3
9	97	1.0	23.3	+-	0.7; 3.5	11.1	+-	0.9; 5.0	12.5	+- 1.4
10	170	1.5	24.0	+-	0.7; 3.6	11.9	+-	0.9; 5.1	12.7	+- 1.3
11	131	0.9	23.4	+-	0.7; 3.5	11.3	+-	0.9; 5.0	12.3	+- 1.2
12	156	1.1	23.1	+-	0.7; 3.5	10.9	+-	0.9; 5.0	13.0	+- 1.4
13	180	1.1	22.4	+-	0.7; 3.4	10.3	+-	0.9; 4.9	12.1	+- 1.2
14	194	2.4	20.5	+-	0.6; 3.1	8.4	+-	0.8; 4.7	12.0	+- 1.2
15	201	2.0	22.0	+-	0.7; 3.3	9.9	+-	0.9; 4.9	11.5	+- 1.3
16	218	1.2	22.8	+-	0.7; 3.4	10.6	+-	0.9; 5.0	12.7	+- 1.5
17	252	1.1	22.4	+-	0.7; 3.4	10.3	+-	0.9; 4.9	12.5	+- 1.2
18	272	1.2	Missing Dosimeter			No Net Data			12.2	+- 1.5
19	19	1.1	21.5	+-	0.6; 3.2	9.4	+-	0.8; 4.8	11.7	+- 1.3
20	2	1.1	20.3	+-	0.6; 3.0	8.2	+-	0.8; 4.7	11.4	+- 1.6
21	288	1.3	21.3	+-	0.6; 3.2	9.2	+-	0.8; 4.8	10.9	+- 1.8
22	307	1.5	21.0	+-	0.6; 3.1	8.9	+-	0.8; 4.8	11.1	+- 1.2
23	338	2.1	22.5	+-	0.7; 3.4	10.4	+-	0.9; 4.9	12.2	+- 1.4
24	325	4.9	22.0	+-	0.7; 3.3	9.9	+-	0.9; 4.9	11.0	+- 1.3
25	338	3.8	22.8	+-	0.7; 3.4	10.6	+-	0.9; 5.0	12.1	+- 1.4
26	356	5.2	21.4	+-	0.6; 3.2	9.3	+-	0.8; 4.8	11.3	+- 1.2
27	30	6.4	21.6	+-	0.6; 3.2	9.5	+-	0.8; 4.8	10.9	+- 1.5
28	43	9.0	21.4	+-	0.6; 3.2	9.3	+-	0.8; 4.8	12.6	+- 1.8
29	50	8.5	20.6	+-	0.6; 3.1	8.5	+-	0.8; 4.8	12.0	+- 1.5
30	59	7.2	22.5	+-	0.7; 3.4	10.4	+-	0.9; 4.9	12.2	+- 1.5
31	65	6.5	22.8	+-	0.7; 3.4	10.6	+-	0.9; 5.0	12.1	+- 1.3
32	74	5.8	20.9	+-	0.6; 3.1	8.8	+-	0.8; 4.8	13.0	+- 1.6
33	88	4.1	20.4	+-	0.6; 3.1	8.4	+-	0.8; 4.7	11.5	+- 1.4
34	12	17.0	23.1	+-	0.7; 3.5	11.0	+-	0.9; 5.0	12.6	+- 1.3
35	16	18.0	21.7	+-	0.7; 3.3	9.6	+-	0.8; 4.9	11.2	+- 1.4
36	284	15.0	22.6	+-	0.7; 3.4	10.4	+-	0.9; 4.9	12.6	+- 2.1
37	284	16.0	23.9	+-	0.7; 3.6	11.7	+-	0.9; 5.1	13.3	+- 1.4
38	284	15.0	21.3	+-	0.6; 3.2	9.3	+-	0.8; 4.8	12.5	+- 1.3
39	287	4.6	21.1	+-	0.6; 3.2	9.0	+-	0.8; 4.8	11.3	+- 1.3
40	271	0.7	23.8	+-	0.7; 3.6	11.7	+-	0.9; 5.1	13.4	+- 1.5

Transit Dose = 11.8 +- 0.6; 3.8

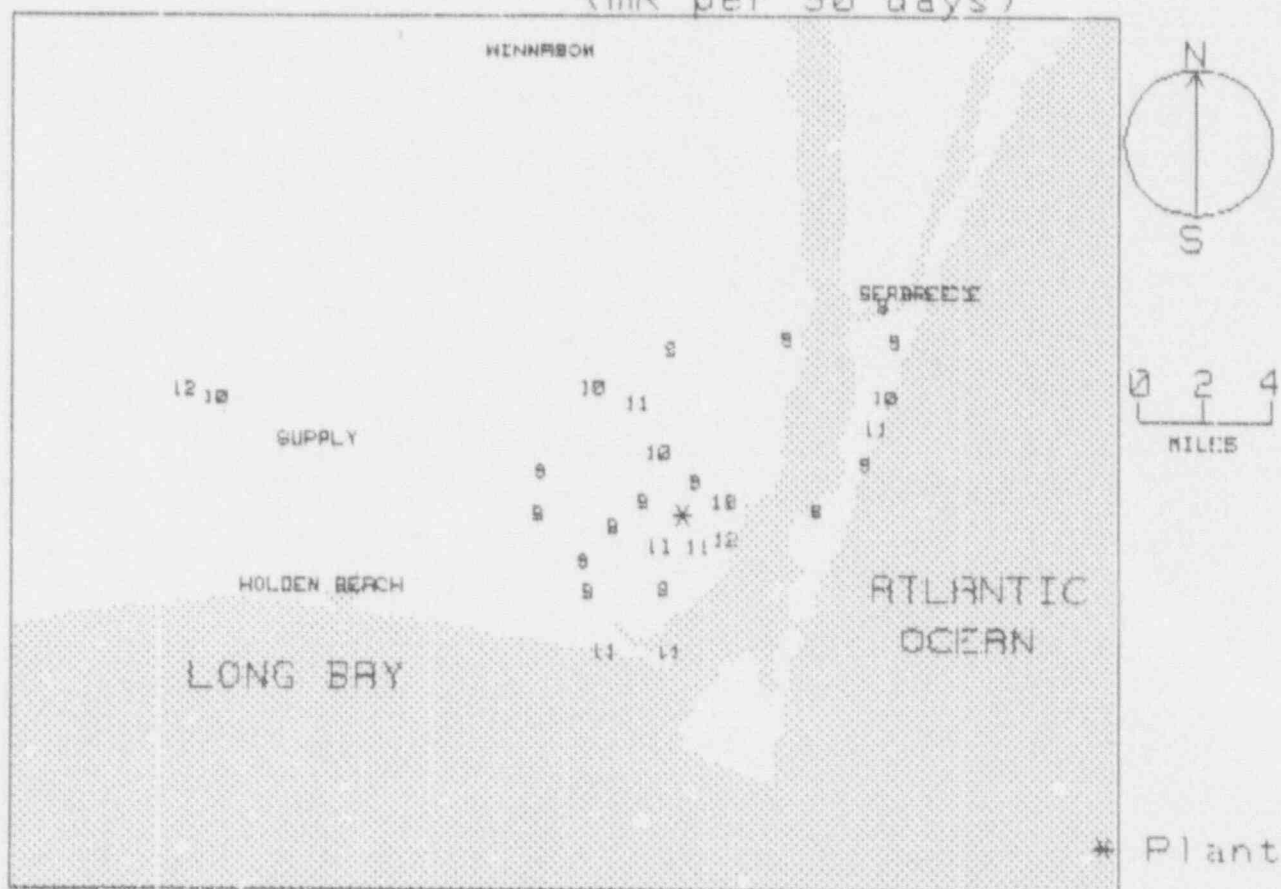
BRUNSWICK
For the period 920313-920729

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	8.8 +- 0.8	2
11.26 - 33.75 NNE	9.9 +- 0.8	4
33.76 - 56.25 NE	8.9 +- 0.6	2
56.26 - 78.75 ENE	9.9 +- 0.8	4
78.76 - 101.25 E	9.8 +- 1.9	2
101.26 - 123.75 ESE	11.9 +- 0.0	1
123.76 - 146.25 SE	11.3 +- 0.0	1
146.26 - 168.75 SSE	10.9 +- 0.0	1
168.76 - 191.25 S	10.5 +- 0.3	2
191.26 - 213.75 SSW	9.7 +- 1.2	3
213.76 - 236.25 SW	9.8 +- 1.1	2
236.26 - 258.75 WSW	9.5 +- 1.1	2
258.76 - 281.25 W	9.6 +- 1.5	4
281.26 - 303.75 WNW	9.1 +- 0.1	2
303.76 - 326.25 NW	9.4 +- 0.7	2
326.26 - 348.75 NNW	10.5 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	10.2 +- 1.1	14
2 - 5	9.5 +- 0.9	13
> 5	9.7 +- 0.8	9
Upwind Control	10.5 +- 1.2	3

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



BYRON
 TLD Direct Radiation Environmental Monitoring
 For the period 920311-920721 133 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	10	1.1	24.0 +- 0.7; 3.6	19.4 +- 0.8; 4.6	19.2 +- 2.0
2	27	1.0	23.9 +- 0.7; 3.6	19.3 +- 0.8; 4.6	18.6 +- 2.0
3	53	1.6	21.4 +- 0.6; 3.2	16.9 +- 0.7; 4.3	17.3 +- 1.9
4	68	1.6	26.1 +- 0.8; 3.9	21.5 +- 0.8; 4.8	20.3 +- 2.3
5	97	1.4	26.7 +- 0.8; 4.0	22.1 +- 0.9; 4.9	20.8 +- 2.1
6	120	1.3	24.5 +- 0.7; 3.7	19.9 +- 0.8; 4.7	18.7 +- 1.9
7	146	1.4	26.6 +- 0.8; 4.0	21.9 +- 0.9; 4.9	19.7 +- 2.5
8	175	2.2	22.9 +- 0.7; 3.4	18.3 +- 0.8; 4.5	18.7 +- 1.8
9	177	0.6	20.5 +- 0.6; 3.1	16.0 +- 0.7; 4.2	16.1 +- 1.8
10	183	0.5	24.3 +- 0.7; 3.6	19.7 +- 0.8; 4.6	18.5 +- 2.2
11	193	0.6	24.6 +- 0.7; 3.7	20.0 +- 0.8; 4.7	17.7 +- 2.1
12	220	0.9	23.0 +- 0.7; 3.4	18.4 +- 0.8; 4.5	18.3 +- 1.9
13	239	0.8	22.6 +- 0.7; 3.4	18.0 +- 0.7; 4.4	17.6 +- 1.7
14	262	0.7	24.9 +- 0.7; 3.7	20.3 +- 0.8; 4.7	18.9 +- 2.3
15	283	0.8	24.1 +- 0.7; 3.6	19.5 +- 0.8; 4.6	18.1 +- 2.0
16	303	1.0	21.2 +- 0.6; 3.2	16.6 +- 0.7; 4.3	16.6 +- 1.9
17	326	1.6	22.7 +- 0.7; 3.4	18.1 +- 0.7; 4.4	16.3 +- 2.2
18	23	4.0	20.3 +- 0.6; 3.0	15.8 +- 0.7; 4.2	15.7 +- 1.6
19	17	4.1	18.4 +- 0.6; 2.8	14.0 +- 0.6; 4.0	14.4 +- 1.4
20	5	4.3	23.1 +- 0.7; 3.5	18.5 +- 0.8; 4.5	17.1 +- 2.0
21	340	4.2	20.7 +- 0.6; 3.1	16.1 +- 0.7; 4.2	18.9 +- 2.1
22	322	4.9	25.7 +- 0.8; 3.9	21.1 +- 0.8; 4.8	18.7 +- 2.6
23	298	6.9	20.3 +- 0.6; 3.0	15.8 +- 0.7; 4.2	15.8 +- 1.6
24	262	4.8	19.6 +- 0.6; 2.9	15.1 +- 0.7; 4.1	15.9 +- 1.6
25	244	4.6	20.6 +- 0.6; 3.1	16.1 +- 0.7; 4.2	15.7 +- 1.6
26	224	4.8	Damaged Dosimeter	No Net Data	16.4 +- 2.1
27	208	5.2	18.5 +- 0.6; 2.8	14.0 +- 0.6; 4.0	14.8 +- 1.4
28	209	14.0	19.2 +- 0.6; 2.9	14.7 +- 0.7; 4.1	14.2 +- 1.4
29	215	13.0	21.9 +- 0.7; 3.3	17.4 +- 0.7; 4.4	17.4 +- 1.9
30	215	13.0	22.9 +- 0.7; 3.4	18.3 +- 0.8; 4.5	18.3 +- 2.1
31	204	4.6	17.5 +- 0.5; 2.6	13.1 +- 0.6; 3.9	13.4 +- 1.6
32	178	4.4	21.0 +- 0.6; 3.2	16.5 +- 0.7; 4.3	16.0 +- 1.5
33	155	3.9	22.4 +- 0.7; 3.4	17.8 +- 0.7; 4.4	17.8 +- 1.8
34	138	4.6	22.6 +- 0.7; 3.4	18.1 +- 0.7; 4.4	17.8 +- 1.9
35	118	4.4	24.1 +- 0.7; 3.6	19.4 +- 0.8; 4.6	18.9 +- 2.3
36	81	3.8	21.8 +- 0.7; 3.3	17.3 +- 0.7; 4.3	16.7 +- 2.1
37	70	5.5	22.3 +- 0.7; 3.3	17.7 +- 0.7; 4.4	16.4 +- 2.0
38	45	4.0	19.4 +- 0.6; 2.9	14.9 +- 0.7; 4.1	15.2 +- 1.9
39	40	6.8	23.3 +- 0.7; 3.5	18.7 +- 0.8; 4.5	18.1 +- 1.6
40	45	15.0	18.8 +- 0.6; 2.8	14.3 +- 0.7; 4.0	14.4 +- 1.3
41	220	3.0	25.9 +- 0.8; 3.9	21.3 +- 0.8; 4.8	19.4 +- 2.4

Transit Dose = 4.2 +- 0.4; 3.0

BYRON
For the period 920311-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.0 +- 0.7	2
11.26 - 33.75 NNE	16.4 +- 2.7	3
33.76 - 56.25 NE	16.2 +- 2.0	4
56.26 - 78.75 ENE	19.6 +- 2.6	2
78.76 - 101.25 E	19.7 +- 3.4	2
101.26 - 123.75 ESE	19.7 +- 0.3	2
123.76 - 146.25 SE	20.0 +- 2.7	2
146.26 - 168.75 SSE	17.8 +- 0.0	1
168.76 - 191.25 S	17.6 +- 1.7	4
191.26 - 213.75 SSW	15.7 +- 3.7	3
213.76 - 236.25 SW	19.8 +- 2.0	2
236.26 - 258.75 WSW	17.0 +- 1.4	2
258.76 - 281.25 W	17.7 +- 3.7	2
281.26 - 303.75 WNW	17.3 +- 2.0	3
303.76 - 326.25 NW	19.6 +- 2.1	2
326.26 - 348.75 NNW	16.1 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.2 +- 1.8	16
2 - 5	17.1 +- 2.3	16
> 5	16.1 +- 2.0	5
Upwind Control	16.8 +- 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 920310-920722 135 Days
 Field Time: 109 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	247 2.1	29.0 +- 0.9; 4.3	21.3 +- 0.8; 4.6	20.8 +- 2.9
2	259 1.4	27.5 +- 0.8; 4.1	20.1 +- 0.7; 4.4	19.4 +- 2.3
3	282 1.3	26.7 +- 0.8; 4.0	19.4 +- 0.7; 4.3	19.7 +- 1.7
4	304 1.3	29.6 +- 0.9; 4.4	21.8 +- 0.8; 4.6	20.3 +- 2.9
5	330 1.7	23.5 +- 0.7; 3.5	16.7 +- 0.7; 4.1	18.3 +- 2.1
6	1 1.7	23.9 +- 0.7; 3.6	17.1 +- 0.7; 4.1	16.9 +- 0.8
7	23 2.0	23.4 +- 0.7; 3.5	16.7 +- 0.7; 4.0	17.2 +- 1.0
8	77 0.7	24.4 +- 0.7; 3.7	17.5 +- 0.7; 4.1	17.8 +- 0.9
9	85 1.4	24.0 +- 0.7; 3.6	17.2 +- 0.7; 4.1	18.7 +- 1.1
10	98 1.5	23.0 +- 0.7; 3.5	16.4 +- 0.6; 4.0	17.3 +- 0.9
11	121 2.0	27.2 +- 0.8; 4.1	19.9 +- 0.7; 4.4	18.4 +- 2.9
12	140 2.0	26.2 +- 0.8; 3.9	19.0 +- 0.7; 4.3	18.3 +- 2.1
13	158 2.5	24.3 +- 0.7; 3.6	17.5 +- 0.7; 4.1	17.8 +- 1.0
14	183 3.7	Missing Dosimeter	No Net Data	19.1 +- 1.1
15	188 1.7	24.4 +- 0.7; 3.7	17.5 +- 0.7; 4.1	18.5 +- 1.1
16	202 0.7	22.5 +- 0.7; 3.4	16.0 +- 0.6; 4.0	17.4 +- 1.0
17	237 0.7	26.9 +- 0.8; 4.0	19.6 +- 0.7; 4.4	19.0 +- 2.0
18	312 11.0	23.6 +- 0.7; 3.5	16.8 +- 0.7; 4.1	17.8 +- 1.8
19	292 10.0	23.7 +- 0.7; 3.6	16.9 +- 0.7; 4.1	17.6 +- 1.0
20	268 9.0	23.8 +- 0.7; 3.6	17.0 +- 0.7; 4.1	18.0 +- 0.8
21	247 8.0	28.8 +- 0.9; 4.3	21.2 +- 0.8; 4.5	20.0 +- 2.3
22	225 8.0	23.7 +- 0.7; 3.5	16.9 +- 0.7; 4.1	17.6 +- 1.0
23	220 8.0	23.7 +- 0.7; 3.6	17.0 +- 0.7; 4.1	19.4 +- 2.0
24	205 5.5	22.9 +- 0.7; 3.4	16.3 +- 0.6; 4.0	16.5 +- 2.4
25	157 4.0	29.2 +- 0.9; 4.4	21.5 +- 0.8; 4.6	20.3 +- 2.3
26	134 5.0	22.1 +- 0.7; 3.3	15.6 +- 0.6; 3.9	16.1 +- 0.9
27	115 4.2	29.5 +- 0.9; 4.4	21.7 +- 0.8; 4.6	20.7 +- 2.4
28	95 3.5	27.9 +- 0.8; 4.2	20.4 +- 0.8; 4.5	20.7 +- 2.2
29	67 3.4	26.7 +- 0.8; 4.0	19.4 +- 0.7; 4.4	19.4 +- 1.1
30	48 4.5	22.5 +- 0.7; 3.4	15.9 +- 0.6; 4.0	16.7 +- 0.8
31	14 6.5	25.6 +- 0.8; 3.8	18.5 +- 0.7; 4.2	18.8 +- 1.0
32	2 5.1	24.1 +- 0.7; 3.6	17.3 +- 0.7; 4.1	18.7 +- 0.8
33	335 3.6	21.4 +- 0.6; 3.2	15.1 +- 0.6; 3.9	16.2 +- 1.0
34	288 4.3	24.8 +- 0.7; 3.7	17.9 +- 0.7; 4.2	18.9 +- 1.1
35	310 5.2	24.4 +- 0.7; 3.7	17.5 +- 0.7; 4.1	18.7 +- 1.1
36	264 3.2	Missing Dosimeter	No Net Data	14.3 +- 0.9
37	237 3.0	28.5 +- 0.9; 4.3	20.9 +- 0.8; 4.5	19.5 +- 1.8
38	270 15.0	23.3 +- 0.7; 3.5	16.6 +- 0.7; 4.0	16.2 +- 1.8
39	270 15.0	25.8 +- 0.8; 3.9	18.7 +- 0.7; 4.3	16.4 +- 2.8
40	203 20.0	24.5 +- 0.7; 3.7	17.6 +- 0.7; 4.1	18.4 +- 0.8

Transit Dose = 3.2 +- 0.4; 3.4

CALLAWAY

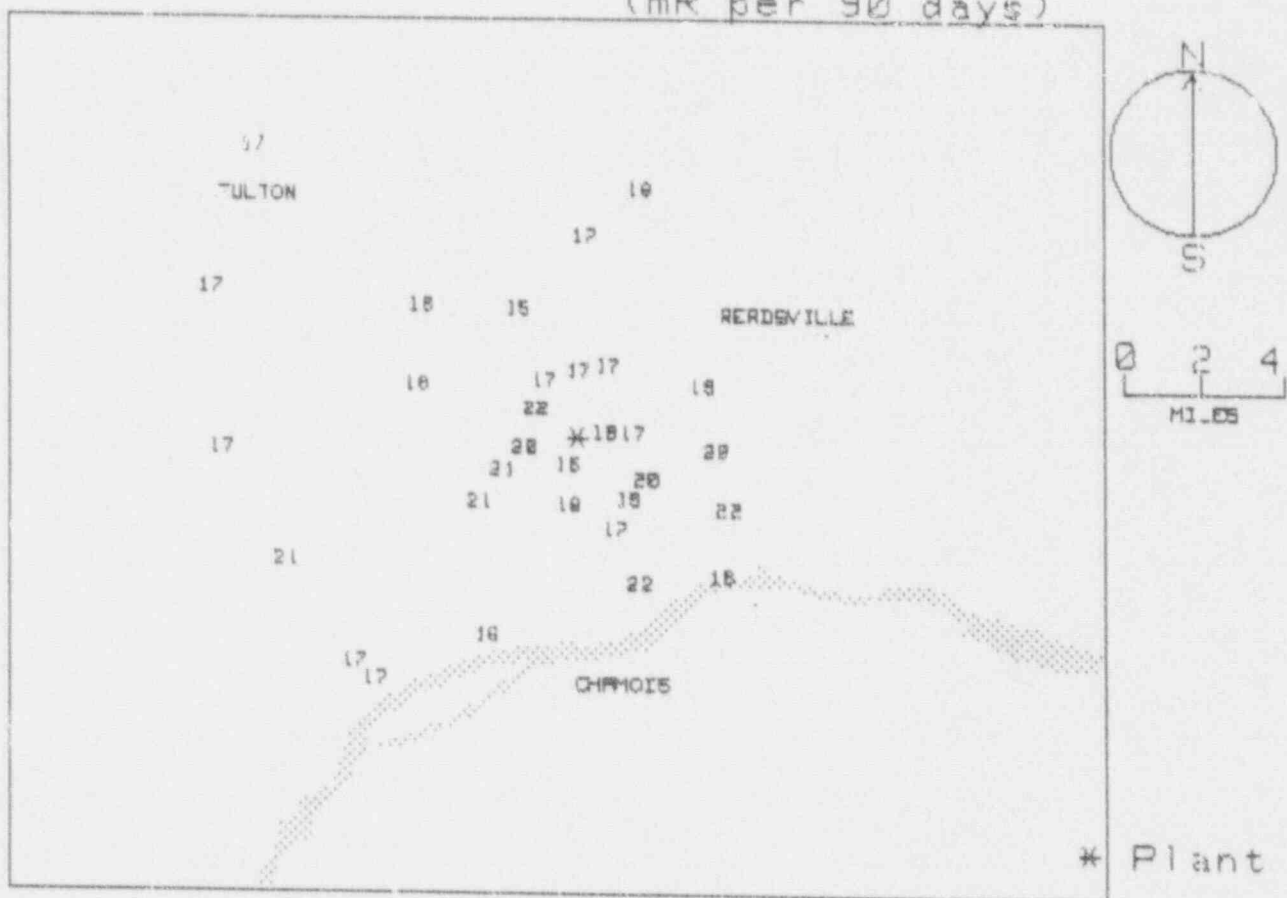
For the period 920310-920722

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 +- 0.1	2
11.26 - 33.75 NNE	17.6 +- 1.2	2
33.76 - 56.25 NE	15.9 +- 0.0	1
56.26 - 78.75 ENE	18.5 +- 1.4	2
78.76 - 101.25 E	18.0 +- 2.2	3
101.26 - 123.75 ESE	20.8 +- 1.3	2
123.76 - 146.25 SE	17.3 +- 2.4	2
146.26 - 168.75 SSE	19.5 +- 2.9	2
168.76 - 191.25 S	17.5 +- 0.0	1
191.26 - 213.75 SSW	16.1 +- 0.2	2
213.76 - 236.25 SW	16.9 +- 0.0	2
236.26 - 258.75 WSW	20.8 +- 0.8	4
258.76 - 281.25 W	18.6 +- 2.2	2
281.26 - 303.75 WNW	18.1 +- 1.2	3
303.76 - 326.25 NW	18.7 +- 2.7	3
326.26 - 348.75 NNW	15.9 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 1.7	14
2 - 5	18.8 +- 2.6	11
> 5	17.5 +- 1.4	10
Upwind Control	17.6 +- 1.0	3

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



CALVERT CLIFFS

TLD Direct Radiation Environmental Monitoring

For the period 920313-920728 138 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	275	1.5	19.9	+ 0.6; 3.0	16.3	+ 0.6; 3.9	12.7	+ 3.1
3	284	1.7	19.5	+ 0.6; 2.9	16.0	+ 0.6; 3.8	12.3	+ 2.9
4	323	2.4	17.4	+ 0.5; 2.6	14.1	+ 0.5; 3.6	12.6	+ 2.6
5	297	3.1	20.1	+ 0.6; 3.0	16.5	+ 0.6; 3.9	13.0	+ 3.1
6	324	4.7	20.1	+ 0.6; 3.0	16.5	+ 0.6; 3.9	13.0	+ 3.1
7	324	5.5	17.8	+ 0.5; 2.7	14.4	+ 0.6; 3.7	11.5	+ 2.7
8	256	6.1	18.1	+ 0.5; 2.7	14.7	+ 0.6; 3.7	11.0	+ 3.2
9	273	4.1	16.3	+ 0.5; 2.5	13.6	+ 0.5; 3.6	12.2	+ 2.7
10	253	3.7	20.4	+ 0.6; 3.1	16.8	+ 0.6; 3.9	13.7	+ 3.1
11	230	4.0	18.4	+ 0.6; 2.8	15.0	+ 0.6; 3.7	13.7	+ 2.9
12	243	1.3	18.7	+ 0.6; 2.8	15.2	+ 0.6; 3.7	13.3	+ 2.7
13	222	1.5	21.7	+ 0.7; 3.3	18.0	+ 0.7; 4.0	14.1	+ 3.3
14	208	1.8	15.3	+ 0.5; 2.3	12.2	+ 0.5; 3.5	11.1	+ 2.5
15	176	2.4	23.1	+ 0.7; 3.5	19.2	+ 0.7; 4.2	15.2	+ 3.5
16	160	1.5	19.8	+ 0.6; 3.0	16.3	+ 0.6; 3.9	14.6	+ 3.0
19	159	3.8	19.1	+ 0.6; 2.9	15.7	+ 0.6; 3.8	13.0	+ 2.7
20	139	4.7	18.6	+ 0.6; 2.8	15.2	+ 0.6; 3.7	11.6	+ 2.9
21	201	4.0	17.7	+ 0.5; 2.7	14.4	+ 0.6; 3.7	12.5	+ 2.6
22	187	4.7	17.5	+ 0.5; 2.6	14.2	+ 0.6; 3.6	12.1	+ 2.4
23	201	8.7	17.8	+ 0.5; 2.7	14.5	+ 0.6; 3.7	12.9	+ 2.7
24	190	7.8	14.8	+ 0.4; 2.2	11.7	+ 0.5; 3.4	11.6	+ 2.4
25	325	6.7	17.3	+ 0.5; 2.6	14.0	+ 0.5; 3.6	12.2	+ 2.6
26	314	11.0	17.1	+ 0.5; 2.6	13.8	+ 0.5; 3.6	11.6	+ 2.4
27	314	11.0	16.5	+ 0.5; 2.5	13.3	+ 0.5; 3.6	11.8	+ 2.5
28	315	10.0	20.9	+ 0.6; 3.1	17.3	+ 0.6; 4.0	14.0	+ 3.2
29	186	12.0	20.1	+ 0.6; 3.0	16.5	+ 0.6; 3.9	14.0	+ 3.0

Transit Dose = 1.9 +- 0.3; 3.0

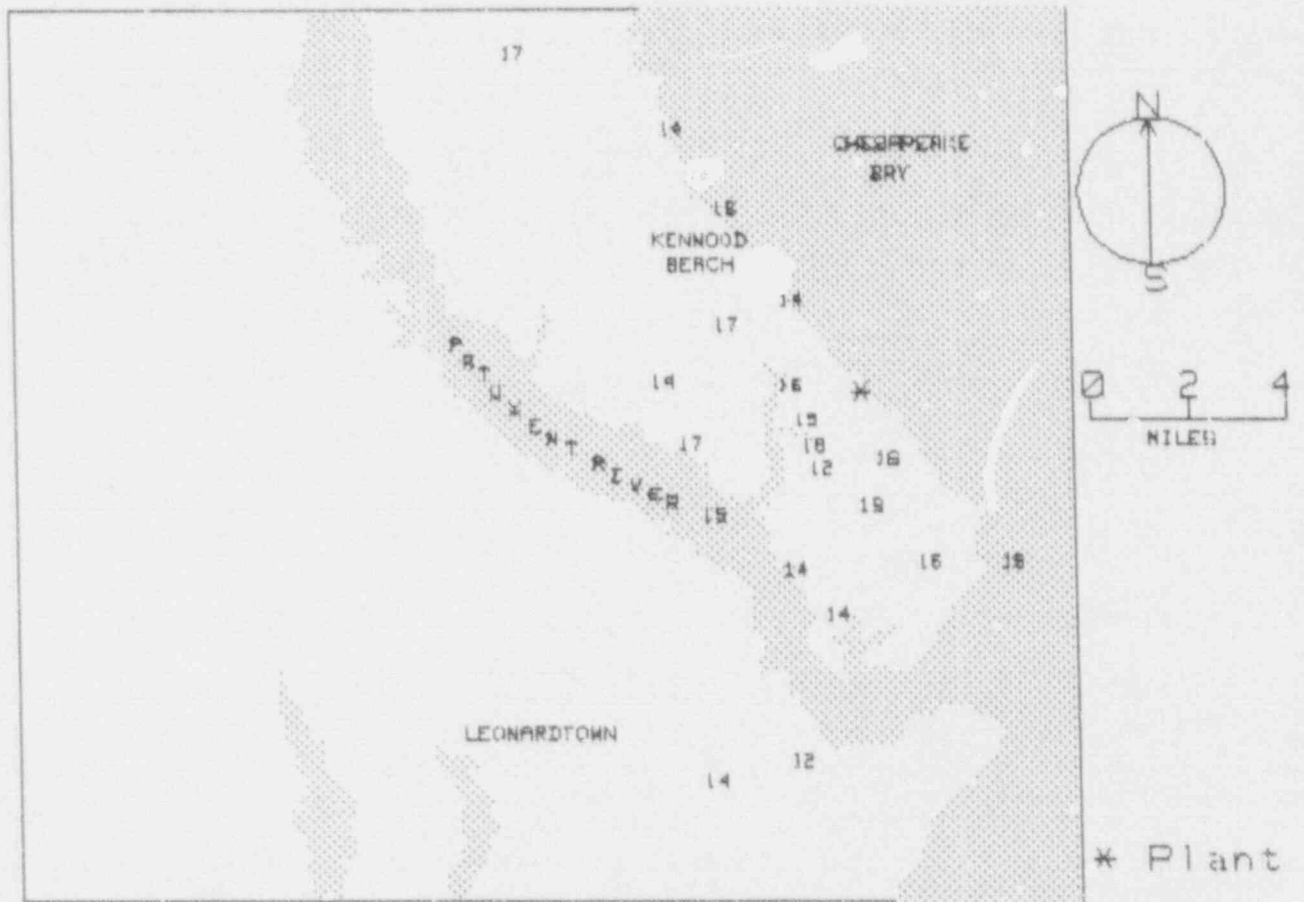
CALVERT CLIFFS
For the period 920313-920728

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	15.2 +- 0.0	1
146.26 - 168.75 SSE	16.0 +- 0.5	2
168.76 - 191.25 S	15.4 +- 3.2	4
191.26 - 213.75 SSW	13.7 +- 1.3	3
213.76 - 236.25 SW	16.5 +- 2.1	2
236.26 - 258.75 WSW	15.6 +- 1.1	3
258.76 - 281.25 W	15.0 +- 2.0	2
281.26 - 303.75 WNW	16.3 +- 0.4	2
303.76 - 326.25 NW	14.7 +- 1.2	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	15.7 +- 1.9	6
2 - 5	15.6 +- 1.6	11
> 5	14.3 +- 1.5	6
Upwind Control	14.8 +- 2.2	3

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



CATAWBA

TLD Direct Radiation Environmental Monitoring

For the period 920313-920716 126 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Stu. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	134 0.1	27.1 +- 0.8; 4.1	19.1 +- 1.0; 5.5	18.3 +- 3.7
2	162 0.4	23.1 +- 0.7; 3.5	14.8 +- 0.9; 5.1	15.3 +- 3.1
3	132 0.8	25.6 +- 0.8; 3.8	17.4 +- 1.0; 5.4	18.1 +- 3.6
4	111 1.3	23.7 +- 0.7; 3.6	15.4 +- 0.9; 5.1	15.6 +- 2.8
5	45 0.7	23.7 +- 0.7; 3.5	15.4 +- 0.9; 5.1	15.5 +- 2.4
6	298 1.3	23.9 +- 0.7; 3.6	15.7 +- 0.9; 5.2	17.2 +- 3.0
7	4 0.6	22.4 +- 0.7; 3.4	14.1 +- 0.9; 5.0	14.9 +- 3.1
8	332 1.5	26.5 +- 0.8; 4.0	18.4 +- 1.0; 5.5	19.3 +- 3.3
9	318 1.6	19.0 +- 0.6; 2.9	10.5 +- 0.8; 4.6	12.4 +- 3.1
10	176 1.8	23.5 +- 0.7; 3.5	15.3 +- 0.9; 5.1	16.5 +- 3.4
11	203 1.5	20.7 +- 0.6; 3.1	12.3 +- 0.8; 4.8	16.8 +- 2.7
12	270 1.5	23.1 +- 0.7; 3.5	14.9 +- 0.9; 5.1	17.1 +- 3.4
13	250 1.9	20.8 +- 0.6; 3.1	12.4 +- 0.8; 4.8	14.0 +- 3.4
14	270 1.4	Missing Dosimeter	No Net Data	12.3 +- 3.0
15	331 3.0	21.3 +- 0.6; 3.2	12.9 +- 0.8; 4.9	13.6 +- 3.2
16	311 3.9	20.0 +- 0.6; 3.0	11.5 +- 0.8; 4.7	13.0 +- 3.3
17	296 9.5	24.5 +- 0.7; 3.7	16.4 +- 0.9; 5.2	17.8 +- 3.0
18	324 4.8	21.8 +- 0.7; 3.3	13.5 +- 0.9; 4.9	15.2 +- 3.5
19	352 4.8	20.3 +- 0.6; 3.1	11.9 +- 0.8; 4.8	12.9 +- 3.2
20	22 4.0	23.1 +- 0.7; 3.5	14.8 +- 0.9; 5.1	16.4 +- 3.3
21	290 3.9	22.3 +- 0.7; 3.3	13.9 +- 0.9; 5.0	14.8 +- 2.9
22	266 4.0	21.3 +- 0.6; 3.2	12.9 +- 0.8; 4.9	15.9 +- 3.1
23	251 4.0	18.8 +- 0.6; 2.8	10.3 +- 0.8; 4.6	10.8 +- 3.4
24	229 3.9	21.2 +- 0.6; 3.2	12.8 +- 0.8; 4.9	11.9 +- 3.4
25	202 4.4	25.9 +- 0.8; 3.9	17.8 +- 1.0; 5.4	17.0 +- 2.7
26	51 4.3	25.6 +- 0.8; 3.8	17.5 +- 1.0; 5.4	17.8 +- 2.8
27	64 7.9	19.2 +- 0.6; 2.9	10.7 +- 0.8; 4.6	11.5 +- 2.9
28	61 4.9	23.1 +- 0.7; 3.5	14.9 +- 0.9; 5.1	15.1 +- 3.2
29	49 1.9	21.3 +- 0.6; 3.2	13.0 +- 0.8; 4.9	15.1 +- 4.0
30	64 1.8	23.1 +- 0.7; 3.4	14.2 +- 0.9; 5.0	14.6 +- 2.9
31	87 1.6	21.1 +- 0.6; 3.2	13.0 +- 0.8; 4.9	13.8 +- 2.9
32	121 2.6	23.2 +- 0.7; 3.5	14.9 +- 0.9; 5.1	15.0 +- 3.0
33	114 7.6	20.4 +- 0.6; 3.1	12.0 +- 0.8; 4.8	14.5 +- 3.3
34	93 4.5	23.9 +- 0.7; 3.6	15.6 +- 0.9; 5.2	16.8 +- 3.5
35	132 4.3	28.3 +- 0.8; 4.2	20.3 +- 1.0; 5.7	20.1 +- 2.9
36	163 8.9	Missing Dosimeter	No Net Data	15.5 +- 5.5
37	173 4.9	22.9 +- 0.7; 3.4	14.7 +- 0.9; 5.1	13.2 +- 2.6
38	157 4.6	26.5 +- 0.8; 4.0	18.4 +- 1.0; 5.5	17.9 +- 2.5
39	248 10.0	22.1 +- 0.7; 3.3	13.8 +- 0.9; 5.0	16.3 +- 3.8
40	229 12.0	27.2 +- 0.8; 4.1	19.1 +- 1.0; 5.6	14.7 +- 2.4
41	218 13.0	18.5 +- 0.6; 2.8	9.9 +- 0.8; 4.6	12.8 +- 3.4
42	213 16.0	24.5 +- 0.7; 3.7	16.3 +- 0.9; 5.2	15.3 +- 2.5

Transit Dose = 9.1 +- 0.5; 3.3

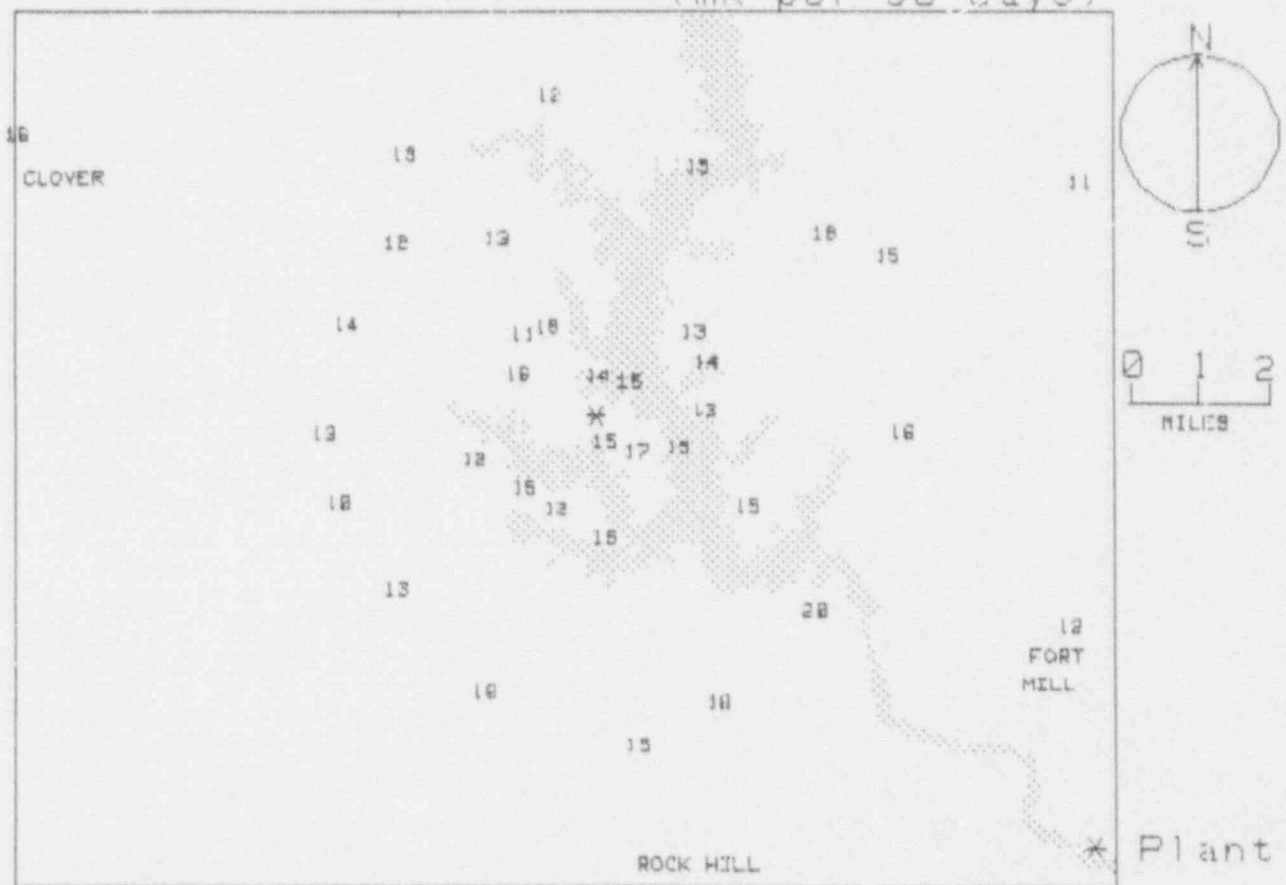
CATAWBA
For the period 920313-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.0 +- 1.5	2
11.26 - 33.75 NNE	14.8 +- 0.0	1
33.76 - 56.25 E	15.3 +- 2.3	3
56.26 - 78.75 ENE	13.3 +- 2.2	3
78.76 - 101.25 E	14.3 +- 1.9	2
101.26 - 123.75 ESE	14.1 +- 1.9	3
123.76 - 146.25 SE	18.9 +- 1.4	3
146.26 - 168.75 SSE	16.6 +- 2.5	2
168.76 - 191.25 S	15.0 +- 0.4	2
191.26 - 213.75 SSW	15.1 +- 3.9	2
213.76 - 236.25 SW	13.9 +- 1.4	2
236.26 - 258.75 WSW	12.2 +- 1.7	3
258.76 - 281.25 W	12.9 +- 0.0	1
281.26 - 303.75 WNW	15.3 +- 1.3	3
303.76 - 326.25 NW	11.8 +- 1.5	3
326.26 - 348.75 NNW	15.7 +- 3.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.7 +- 2.3	16
2 - 5	14.6 +- 2.7	17
> 5	13.2 +- 2.4	4
Upwind Control	15.1 +- 4.7	3

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



CLINTON

TLD Direct Radiation Environmental Monitoring

For the period 920310-920723 136 Days

Field Time: 107 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	5	0.6	23.4	+- 0.7; 3.5	17.4	+- 0.7; 4.1	19.1	+- 2.6
2	40	0.7	24.6	+- 0.7; 3.7	18.4	+- 0.7; 4.2	18.7	+- 1.6
3	35	0.8	30.1	+- 0.9; 4.5	23.0	+- 0.8; 4.7	21.1	+- 1.9
4	163	0.5	26.0	+- 0.8; 3.9	19.6	+- 0.7; 4.3	19.5	+- 1.9
5	210	0.5	25.0	+- 0.8; 3.8	18.8	+- 0.7; 4.2	19.5	+- 1.9
6	223	0.6	25.8	+- 0.8; 3.9	19.4	+- 0.7; 4.3	19.6	+- 1.9
7	235	0.8	25.0	+- 0.8; 3.8	18.8	+- 0.7; 4.2	18.9	+- 1.7
8	62	1.9	24.1	+- 0.7; 3.6	18.0	+- 0.7; 4.1	18.5	+- 1.7
9	78	1.8	23.6	+- 0.7; 3.5	17.6	+- 0.7; 4.1	18.5	+- 1.5
10	79	2.6	26.2	+- 0.8; 3.9	19.7	+- 0.7; 4.3	18.9	+- 2.1
11	100	2.3	25.0	+- 0.8; 3.8	18.8	+- 0.7; 4.2	18.5	+- 1.6
12	115	3.0	25.6	+- 0.8; 3.8	19.3	+- 0.7; 4.3	16.3	+- 1.7
13	127	3.2	25.1	+- 0.8; 3.8	18.8	+- 0.7; 4.2	18.5	+- 1.7
14	155	2.1	24.7	+- 0.7; 3.7	18.5	+- 0.7; 4.2	18.9	+- 1.7
15	185	3.0	24.9	+- 0.7; 3.7	18.6	+- 0.7; 4.2	19.5	+- 2.1
16	203	3.2	23.7	+- 0.7; 3.6	17.7	+- 0.7; 4.1	18.0	+- 1.7
17	230	3.7	25.7	+- 0.8; 3.9	19.4	+- 0.7; 4.3	17.8	+- 1.9
18	255	2.8	24.5	+- 0.7; 3.7	18.3	+- 0.7; 4.2	19.2	+- 1.7
19	275	2.3	24.0	+- 0.7; 3.6	17.9	+- 0.7; 4.1	18.5	+- 1.7
20	302	0.9	24.5	+- 0.7; 3.7	18.4	+- 0.7; 4.2	17.9	+- 1.7
21	336	0.8	24.4	+- 0.7; 3.7	18.3	+- 0.7; 4.2	17.9	+- 1.9
22	0	0.6	25.2	+- 0.8; 3.8	18.9	+- 0.7; 4.2	18.7	+- 2.1
23	358	4.6	25.4	+- 0.8; 3.8	19.1	+- 0.7; 4.3	19.2	+- 1.8
24	20	3.9	23.7	+- 0.7; 3.6	17.7	+- 0.7; 4.1	18.4	+- 1.8
25	46	5.0	26.0	+- 0.8; 3.9	19.6	+- 0.7; 4.3	18.9	+- 1.6
26	62	5.5	22.8	+- 0.7; 3.4	16.9	+- 0.6; 4.0	17.1	+- 1.6
27	90	4.8	23.6	+- 0.7; 3.5	17.6	+- 0.7; 4.1	17.7	+- 1.9
28	115	5.2	23.6	+- 0.7; 3.5	17.6	+- 0.7; 4.1	17.4	+- 1.6
29	128	5.1	23.3	+- 0.7; 3.5	17.4	+- 0.7; 4.1	18.3	+- 1.7
30	153	5.8	24.8	+- 0.7; 3.7	18.6	+- 0.7; 4.2	18.6	+- 1.7
31	173	5.2	24.5	+- 0.7; 3.7	18.4	+- 0.7; 4.2	18.0	+- 1.6
32	205	4.7	24.5	+- 0.7; 3.7	18.3	+- 0.7; 4.2	18.2	+- 1.7
33	238	6.1	24.8	+- 0.7; 3.7	18.6	+- 0.7; 4.2	18.2	+- 1.8
34	252	5.8	22.4	+- 0.7; 3.4	16.6	+- 0.6; 4.0	18.0	+- 2.4
35	260	6.6	18.8	+- 0.6; 2.8	13.6	+- 0.6; 3.7	15.3	+- 1.8
36	272	4.0	23.7	+- 0.7; 3.6	17.7	+- 0.7; 4.1	18.6	+- 1.7
37	288	4.8	23.5	+- 0.7; 3.5	17.5	+- 0.7; 4.1	17.6	+- 1.8
38	297	7.6	21.1	+- 0.6; 3.2	15.4	+- 0.6; 3.9	16.3	+- 1.6
39	315	5.1	24.1	+- 0.7; 3.6	18.0	+- 0.7; 4.1	18.8	+- 2.1
40	342	4.8	24.6	+- 0.7; 3.7	18.4	+- 0.7; 4.2	18.2	+- 1.6
41	65	12.0	21.4	+- 0.6; 3.2	15.8	+- 0.6; 3.9	18.0	+- 2.2
42	148	12.0	23.8	+- 0.7; 3.6	17.7	+- 0.7; 4.1	18.6	+- 2.1
43	148	12.0	24.3	+- 0.7; 3.6	18.2	+- 0.7; 4.2	18.9	+- 1.7
44	206	14.0	21.3	+- 0.6; 3.2	15.7	+- 0.6; 3.9	16.0	+- 1.7

Transit Dose = 2.7 +- 0.3; 3.3

CLINTON

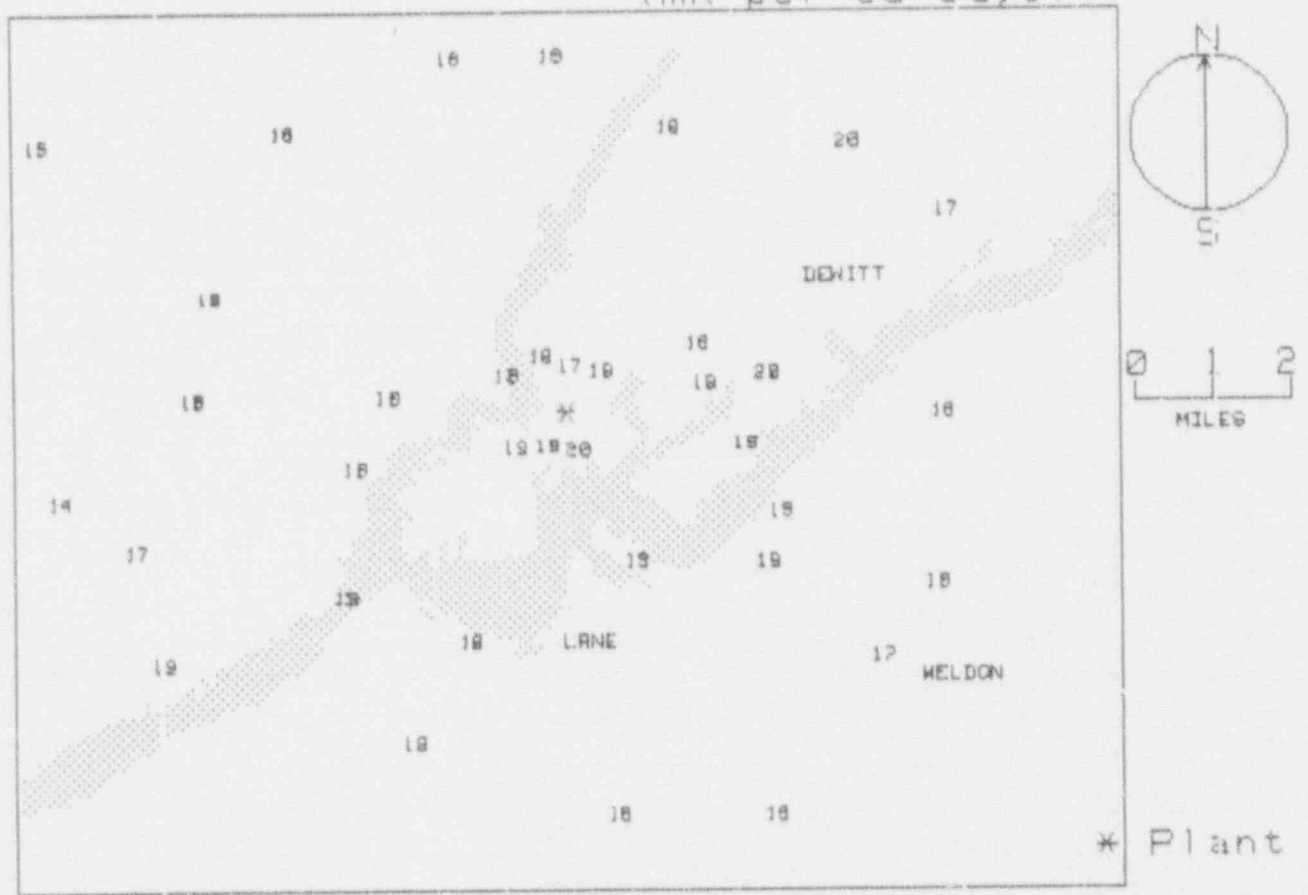
For the period 920310-920723

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 +- 0.9	3
11.26 - 33.75 NNE	17.7 +- 0.0	1
33.76 - 56.25 NE	20.3 +- 2.4	3
56.26 - 78.75 ENE	17.1 +- 1.0	4
78.76 - 101.25 E	18.7 +- 1.1	3
101.26 - 123.75 ESE	18.4 +- 1.2	2
123.76 - 146.25 SE	18.1 +- 1.0	2
146.26 - 168.75 SSE	18.9 +- 0.6	3
168.76 - 191.25 S	18.5 +- 0.2	2
191.26 - 213.75 SSW	18.3 +- 0.5	3
213.76 - 236.25 SW	19.2 +- 0.4	3
236.26 - 258.75 WSW	17.8 +- 1.1	3
258.76 - 281.25 W	16.4 +- 2.4	3
281.26 - 303.75 WNW	17.1 +- 1.5	3
303.76 - 326.25 NW	18.0 +- 0.0	1
326.26 - 348.75 NNW	18.3 +- 0.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.9 +- 1.5	12
2 - 5	18.5 +- 0.7	18
> 5	17.0 +- 1.6	11
Upwind Control	17.2 +- 1.3	3

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



COMANCHE PEAK

TLD Direct Radiation Environmental Monitoring

For the period 920309-920723 137 Days

Field Time: 91 Days

MRC 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	23.5	+- 0.7; 3.5	15.6	+- 0.8; 4.8	15.1	+- 1.0
2	285	1.5	24.7	+- 0.7; 3.7	16.9	+- 0.9; 4.9	15.3	+- 1.3
3	268	1.1	21.1	+- 0.6; 3.2	13.3	+- 0.8; 4.5	14.3	+- 0.9
4	253	0.9	23.0	+- 0.7; 3.5	15.2	+- 0.8; 4.7	15.4	+- 1.2
5	218	1.0	21.7	+- 0.7; 3.3	13.9	+- 0.8; 4.6	15.8	+- 1.4
6	200	1.0	21.5	+- 0.6; 3.2	13.7	+- 0.8; 4.6	13.2	+- 0.9
7	180	1.4	21.3	+- 0.6; 3.2	13.5	+- 0.8; 4.5	13.8	+- 1.2
8	163	1.6	21.3	+- 0.6; 3.2	13.5	+- 0.8; 4.6	15.7	+- 1.1
9	140	1.3	22.4	+- 0.7; 3.4	14.6	+- 0.8; 4.7	15.6	+- 0.9
10	118	1.5	20.9	+- 0.6; 3.1	13.1	+- 0.8; 4.5	13.4	+- 1.0
11	93	1.9	24.6	+- 0.7; 3.7	16.8	+- 0.9; 4.9	14.5	+- 2.7
12	73	2.4	23.4	+- 0.7; 3.5	15.6	+- 0.8; 4.8	17.2	+- 1.1
13	245	1.7	21.3	+- 0.6; 3.2	13.5	+- 0.8; 4.6	13.9	+- 0.9
14	156	4.3	21.8	+- 0.7; 3.3	14.0	+- 0.8; 4.6	13.8	+- 1.3
15	186	7.0	22.0	+- 0.7; 3.3	14.2	+- 0.8; 4.6	14.9	+- 1.6
16	183	4.1	21.4	+- 0.6; 3.2	13.6	+- 0.8; 4.6	16.2	+- 1.4
17	205	4.3	22.5	+- 0.7; 3.4	14.7	+- 0.8; 4.7	15.3	+- 0.0
18	225	3.4	19.0	+- 0.6; 2.9	11.2	+- 0.7; 4.3	12.9	+- 1
19	245	5.2	21.9	+- 0.7; 3.3	14.1	+- 0.8; 4.6	15.4	+- 0.8
20	264	5.8	20.6	+- 0.6; 3.1	12.8	+- 0.8; 4.5	13.6	+- 0.9
21	258	3.2	20.8	+- 0.6; 3.1	13.0	+- 0.8; 4.5	13.6	+- 1.1
22	284	5.1	20.0	+- 0.6; 3.0	12.2	+- 0.7; 4.4	13.3	+- 1.1
23	313	5.8	22.1	+- 0.7; 3.3	14.3	+- 0.8; 4.6	14.9	+- 1.0
24	332	4.9	21.4	+- 0.6; 3.2	13.6	+- 0.8; 4.6	14.2	+- 1.0
25	9	4.6	21.9	+- 0.7; 3.3	14.1	+- 0.8; 4.6	14.8	+- 1.4
26	26	4.5	21.5	+- 0.6; 3.2	13.7	+- 0.8; 4.6	14.4	+- 1.3
27	47	4.1	21.5	+- 0.6; 3.2	13.7	+- 0.8; 4.6	14.2	+- 1.1
28	6	1.8	21.8	+- 0.7; 3.3	14.0	+- 0.8; 4.6	14.7	+- 1.1
29	16	1.9	21.8	+- 0.7; 3.3	14.0	+- 0.8; 4.6	14.4	+- 1.2
30	102	3.0	23.1	+- 0.7; 3.5	15.3	+- 0.8; 4.7	15.4	+- 1.4
31	108	3.9	21.9	+- 0.7; 3.3	14.1	+- 0.8; 4.6	14.8	+- 1.5
32	135	4.6	22.2	+- 0.7; 3.3	14.4	+- 0.8; 4.6	15.5	+- 1.5
33	152	6.3	21.1	+- 0.6; 3.2	13.3	+- 0.8; 4.5	13.5	+- 1.1
34	47	2.9	19.4	+- 0.6; 2.9	11.7	+- 0.7; 4.4	13.3	+- 1.6
35	85	4.8	21.9	+- 0.7; 3.3	14.1	+- 0.8; 4.6	15.1	+- 1.6
36	115	7.5	21.4	+- 0.6; 3.2	13.6	+- 0.8; 4.6	15.0	+- 1.4
37	355	9.4	21.2	+- 0.6; 3.2	13.4	+- 0.8; 4.5	14.6	+- 2.9
38	337	9.2	22.3	+- 0.7; 3.3	14.5	+- 0.8; 4.7	14.2	+- 1.5
39	310	9.9	21.4	+- 0.6; 3.2	13.5	+- 0.8; 4.6	14.5	+- 1.6
40	302	8.1	20.6	+- 0.6; 3.1	12.8	+- 0.8; 4.5	13.7	+- 1.5
41	248	7.9	23.1	+- 0.7; 3.5	15.3	+- 0.8; 4.7	15.8	+- 1.4
42	90	0.5	22.0	+- 0.7; 3.3	14.2	+- 0.8; 4.6	13.7	+- 1.6
43	18	9.3	21.1	+- 0.6; 3.2	13.4	+- 0.8; 4.6	15.1	+- 1.6
44	263	1.7	19.9	+- 0.6; 3.0	12.1	+- 0.7; 4.5	13.0	+- 1.5
45	218	12.0	22.4	+- 0.7; 3.4	14.6	+- 0.8; 4.7	15.0	+- 1.5
46	140	12.0	22.1	+- 0.7; 3.3	14.3	+- 0.8; 4.6	14.6	+- 1.5
47	301	21.0	21.9	+- 0.7; 3.3	14.1	+- 0.8; 4.6	14.7	+- 1.5

Transit Dose = 7.6 +- 0.5; 3.3

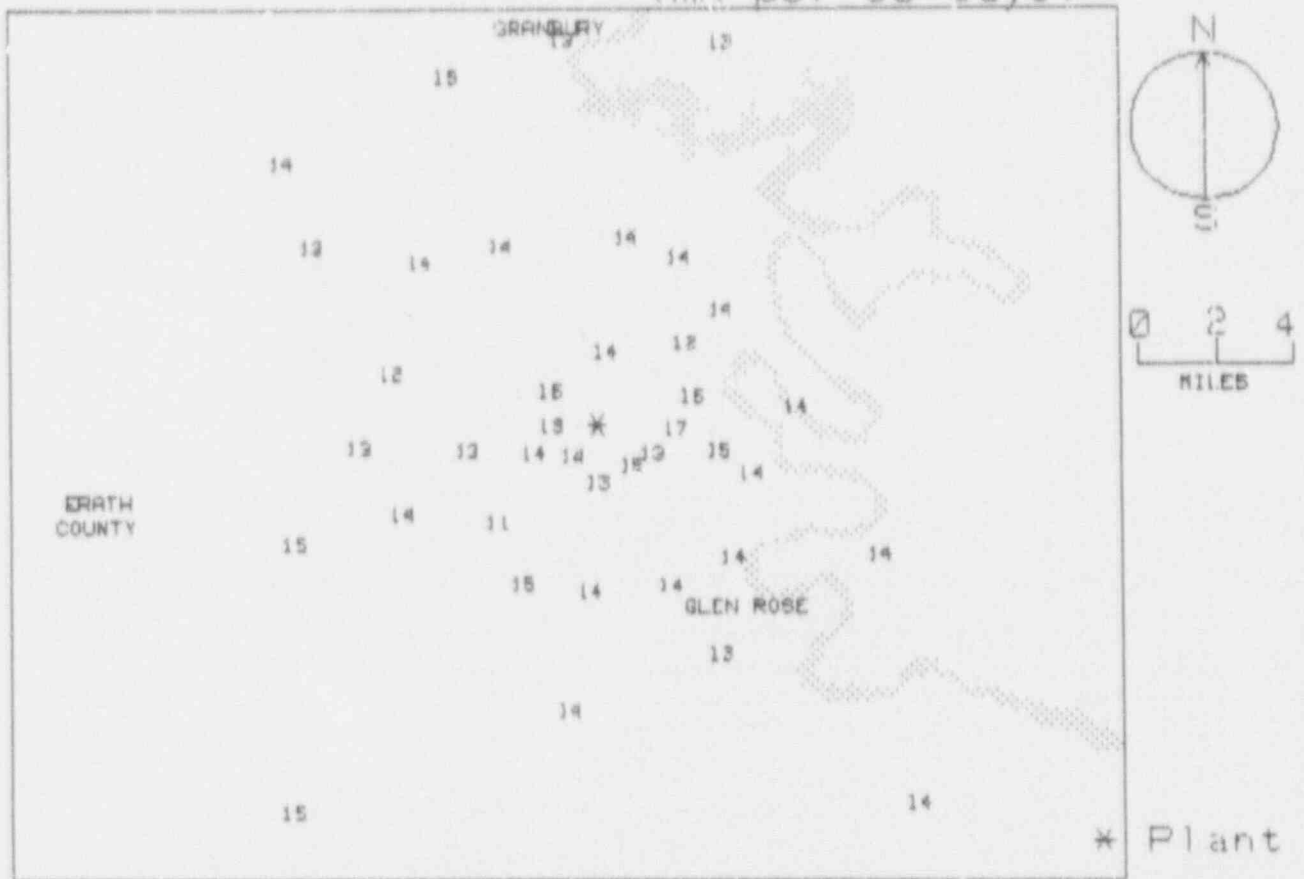
COMANCHE PEAK
For the period 920309-920723

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 +/- 0.4	3
11.26 - 33.75 NNE	13.7 +/- 0.3	3
33.76 - 56.25 NE	12.7 +/- 1.4	2
56.26 - 78.75 ENE	15.6 +/- 0.0	1
78.76 - 101.25 E	15.0 +/- 1.5	3
101.26 - 123.75 ESE	14.0 +/- 0.9	4
123.76 - 146.25 SE	14.4 +/- 0.2	3
146.26 - 168.75 SSE	13.6 +/- 0.3	3
168.76 - 191.25 S	13.7 +/- 0.4	3
191.26 - 213.75 SSW	14.2 +/- 0.7	2
213.76 - 236.25 SW	13.3 +/- 1.8	3
236.26 - 258.75 WSW	14.2 +/- 1.0	5
258.76 - 281.25 W	12.7 +/- 0.6	3
281.26 - 303.75 WNW	14.0 +/- 2.1	4
303.76 - 326.25 NW	14.5 +/- 1.0	3
326.26 - 348.75 NNW	14.1 +/- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +/- Std.Dev.	Number In Group
0 - 2	14.3 +/- 1.3	16
2 - 5	13.8 +/- 1.2	15
> 5	13.8 +/- 0.8	10
Upwind Control	No Data +/- No Data	0

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



COOPER

TLD Direct Radiation Environmental Monitoring

For the period 920310-920728 141 Days

Field Time: 83 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	363	2.4	25.1	+ - 0.8; 3.8	19.5	+ - 0.9; 5.3	19.2	+ - 4.0
2	6	3.5	25.1	+ - 0.8; 3.8	19.4	+ - 0.9; 5.2	20.9	+ - 3.6
3	18	2.7	25.6	+ - 0.8; 3.8	20.0	+ - 0.9; 5.3	21.3	+ - 3.7
4	16	3.2	25.7	+ - 0.8; 3.8	20.1	+ - 1.0; 5.3	21.3	+ - 3.5
5	47	1.9	27.0	+ - 0.8; 4.0	21.5	+ - 1.0; 5.5	21.2	+ - 3.5
6	40	3.6	25.9	+ - 0.8; 3.9	20.3	+ - 1.0; 5.3	20.5	+ - 3.6
7	75	2.7	25.3	+ - 0.8; 3.8	19.7	+ - 0.9; 5.3	20.6	+ - 3.8
8	55	2.8	26.7	+ - 0.8; 4.0	21.2	+ - 1.0; 5.5	20.5	+ - 3.7
9	80	2.1	26.3	+ - 0.8; 3.9	20.8	+ - 1.0; 5.4	21.9	+ - 3.6
10	98	3.7	25.3	+ - 0.8; 3.8	19.7	+ - 0.9; 5.3	20.1	+ - 3.6
11	118	2.3	27.1	+ - 0.8; 4.1	21.7	+ - 1.0; 5.5	21.7	+ - 3.5
12	109	4.6	26.9	+ - 0.8; 4.0	21.5	+ - 1.0; 5.5	21.7	+ - 3.3
13	141	3.2	26.1	+ - 0.8; 3.9	20.5	+ - 1.0; 5.4	21.3	+ - 3.4
14	126	5.6	24.9	+ - 0.7; 3.7	19.2	+ - 0.9; 5.2	19.1	+ - 2.8
15	159	2.7	25.3	+ - 0.8; 3.8	19.6	+ - 0.9; 5.3	20.5	+ - 3.7
16	167	4.9	26.6	+ - 0.8; 4.0	21.1	+ - 1.0; 5.4	21.4	+ - 3.8
17	205	0.3	27.4	+ - 0.8; 4.1	21.9	+ - 1.0; 5.5	20.7	+ - 3.2
18	186	4.7	26.4	+ - 0.8; 4.0	20.9	+ - 1.0; 5.4	21.9	+ - 3.7
19	213	3.0	25.3	+ - 0.8; 3.8	19.7	+ - 0.9; 5.3	20.9	+ - 3.5
20	195	4.9	27.2	+ - 0.8; 4.1	21.8	+ - 1.0; 5.5	21.9	+ - 3.4
21	222	2.0	26.0	+ - 0.8; 3.9	20.5	+ - 1.0; 5.4	19.6	+ - 3.3
22	215	5.7	28.0	+ - 0.8; 4.2	22.6	+ - 1.0; 5.6	21.9	+ - 3.8
23	256	1.5	27.1	+ - 0.8; 4.1	21.7	+ - 1.0; 5.5	21.3	+ - 3.6
24	238	5.2	26.6	+ - 0.8; 4.0	21.1	+ - 1.0; 5.4	21.8	+ - 3.9
25	276	2.2	27.5	+ - 0.8; 4.1	22.0	+ - 1.0; 5.6	22.0	+ - 3.3
26	260	3.8	27.9	+ - 0.8; 4.2	22.5	+ - 1.0; 5.6	22.0	+ - 3.2
27	301	1.8	27.8	+ - 0.8; 4.2	22.5	+ - 1.0; 5.6	21.6	+ - 3.2
28	286	4.3	26.1	+ - 0.8; 3.9	20.5	+ - 1.0; 5.4	21.3	+ - 3.7
29	324	2.8	26.3	+ - 0.8; 4.0	20.8	+ - 1.0; 5.4	20.9	+ - 3.9
30	333	3.7	27.0	+ - 0.8; 4.1	21.6	+ - 1.0; 5.5	21.4	+ - 3.6
31	343	2.6	26.6	+ - 0.8; 4.0	21.1	+ - 1.0; 5.4	21.5	+ - 3.3
32	333	3.7	26.4	+ - 0.8; 4.0	20.9	+ - 1.0; 5.4	21.0	+ - 3.6
33	215	1.0	27.1	+ - 0.8; 4.1	21.6	+ - 1.0; 5.5	21.7	+ - 3.8
34	175	18.0	27.4	+ - 0.8; 4.1	21.9	+ - 1.0; 5.5	22.2	+ - 4.0
35	333	23.0	25.4	+ - 0.8; 3.8	19.8	+ - 0.9; 5.3	20.2	+ - 3.6
36	210	19.0	26.5	+ - 0.8; 4.0	20.9	+ - 1.0; 5.4	21.3	+ - 3.7
37	64	7.0	29.6	+ - 0.9; 4.4	24.3	+ - 1.1; 5.8	24.6	+ - 4.6
38	329	9.0	30.5	+ - 0.9; 4.6	25.4	+ - 1.1; 6.0	23.0	+ - 3.3
39	273	10.0	24.9	+ - 0.7; 3.7	19.3	+ - 0.9; 5.2	20.7	+ - 4.0
40	300	2.5	29.0	+ - 0.9; 4.4	23.7	+ - 1.0; 5.8	23.7	+ - 3.4
42	93	3.5	26.3	+ - 0.8; 3.9	20.8	+ - 1.0; 5.4	20.5	+ - 3.6
43	270	2.2	Damaged Dosimeter		No Net Data		21.5	+ - 3.6

Transit Dose = 7.1 + - 0.4; 3.0

COOPER

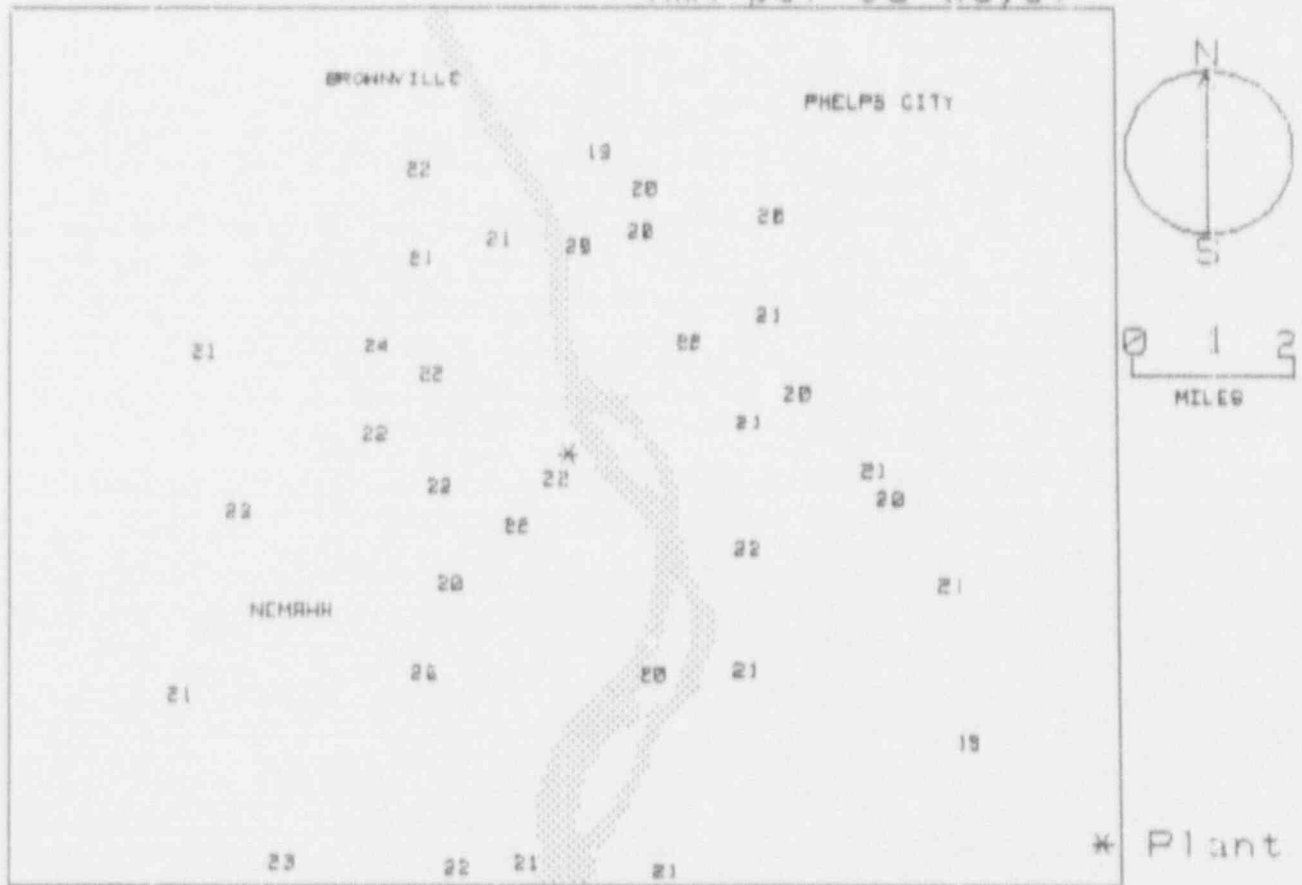
For the period 920310-920728

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	20.1 +- 0.0	2
33.76 - 56.25 NE	21.0 +- 0.6	3
56.26 - 78.75 ENE	22.0 +- 2.3	2
78.76 - 101.25 E	20.1 +- 0.6	3
101.26 - 123.75 ESE	21.6 +- 0.1	2
123.76 - 146.25 SE	19.9 +- 0.9	2
146.26 - 168.75 SSE	20.3 +- 1.0	2
168.76 - 191.25 S	20.9 +- 0.0	1
191.26 - 213.75 SSW	21.1 +- 1.2	3
213.76 - 236.25 SW	21.6 +- 1.1	3
236.26 - 258.75 WSW	21.4 +- 0.4	2
258.76 - 281.25 W	21.3 +- 1.8	3
281.26 - 303.75 WNW	22.2 +- 1.6	3
303.76 - 326.25 NW	20.8 +- 0.0	1
326.26 - 348.75 NNW	22.2 +- 2.1	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	21.6 +- 0.7	6
2 - 5	20.8 +- 1.0	26
> 5	22.0 +- 2.6	6
Upwind Control	20.9 +- 1.1	3

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



CRYSTAL RIVER

TLD Direct Radiation Environmental Monitoring

For the period 920312-920728 139 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	
6	61	4.2	13.8	+ - 0.4; 2.1	11.1	+ - 0.5; 3.5	13.1	+ - 5.1
7	50	3.8	13.5	+ - 0.4; 2.0	10.8	+ - 0.5; 3.5	13.0	+ - 4.9
8	20	5.2	15.3	+ - 0.5; 2.3	12.6	+ - 0.5; 3.6	13.7	+ - 4.8
9	6	5.4	Missing Dosimeter		No Net Data		15.8	+ - 5.4
10	348	5.0	16.3	+ - 0.5; 2.4	13.6	+ - 0.6; 3.7	14.9	+ - 5.0
11	334	4.8	15.2	+ - 0.5; 2.3	12.6	+ - 0.5; 3.6	14.4	+ - 5.0
12	318	4.8	14.8	+ - 0.4; 2.2	12.1	+ - 0.5; 3.6	13.9	+ - 5.4
13	79	3.8	15.5	+ - 0.5; 2.3	12.8	+ - 0.6; 3.7	14.3	+ - 5.2
14	95	4.1	14.0	+ - 0.4; 2.1	11.3	+ - 0.5; 3.5	14.1	+ - 5.3
15	89	1.8	16.9	+ - 0.5; 2.5	14.3	+ - 0.6; 3.8	16.1	+ - 5.2
16	113	5.0	13.6	+ - 0.4; 2.0	11.0	+ - 0.5; 3.5	13.5	+ - 5.5
17	133	5.5	14.9	+ - 0.4; 2.2	12.2	+ - 0.5; 3.6	14.8	+ - 5.5
18	74	8.1	14.0	+ - 0.4; 2.1	11.4	+ - 0.5; 3.5	13.3	+ - 5.3
19	127	7.6	14.3	+ - 0.4; 2.2	11.7	+ - 0.5; 3.5	13.9	+ - 5.1
20	150	12.0	14.1	+ - 0.4; 2.1	11.5	+ - 0.5; 3.5	13.0	+ - 5.1
21	159	13.0	14.5	+ - 0.4; 2.2	11.9	+ - 0.5; 3.6	14.5	+ - 5.4
22	150	13.0	15.1	+ - 0.5; 2.3	12.4	+ - 0.5; 3.6	13.6	+ - 5.4
23	150	21.0	14.0	+ - 0.4; 2.1	11.3	+ - 0.5; 3.5	14.4	+ - 5.6
24	150	21.0	13.8	+ - 0.4; 2.1	11.1	+ - 0.5; 3.5	12.9	+ - 5.3
25	56	6.1	16.1	+ - 0.5; 2.4	13.5	+ - 0.6; 3.7	15.7	+ - 5.7
26	357	5.2	15.5	+ - 0.5; 2.3	12.8	+ - 0.6; 3.7	14.8	+ - 5.0
27	90	13.0	15.2	+ - 0.5; 2.3	12.5	+ - 0.5; 3.6	14.0	+ - 5.4
28	140	4.8	15.8	+ - 0.5; 2.4	13.2	+ - 0.6; 3.7	14.5	+ - 5.1

Transit Dose : 2.7 + - 0.3; 2.8

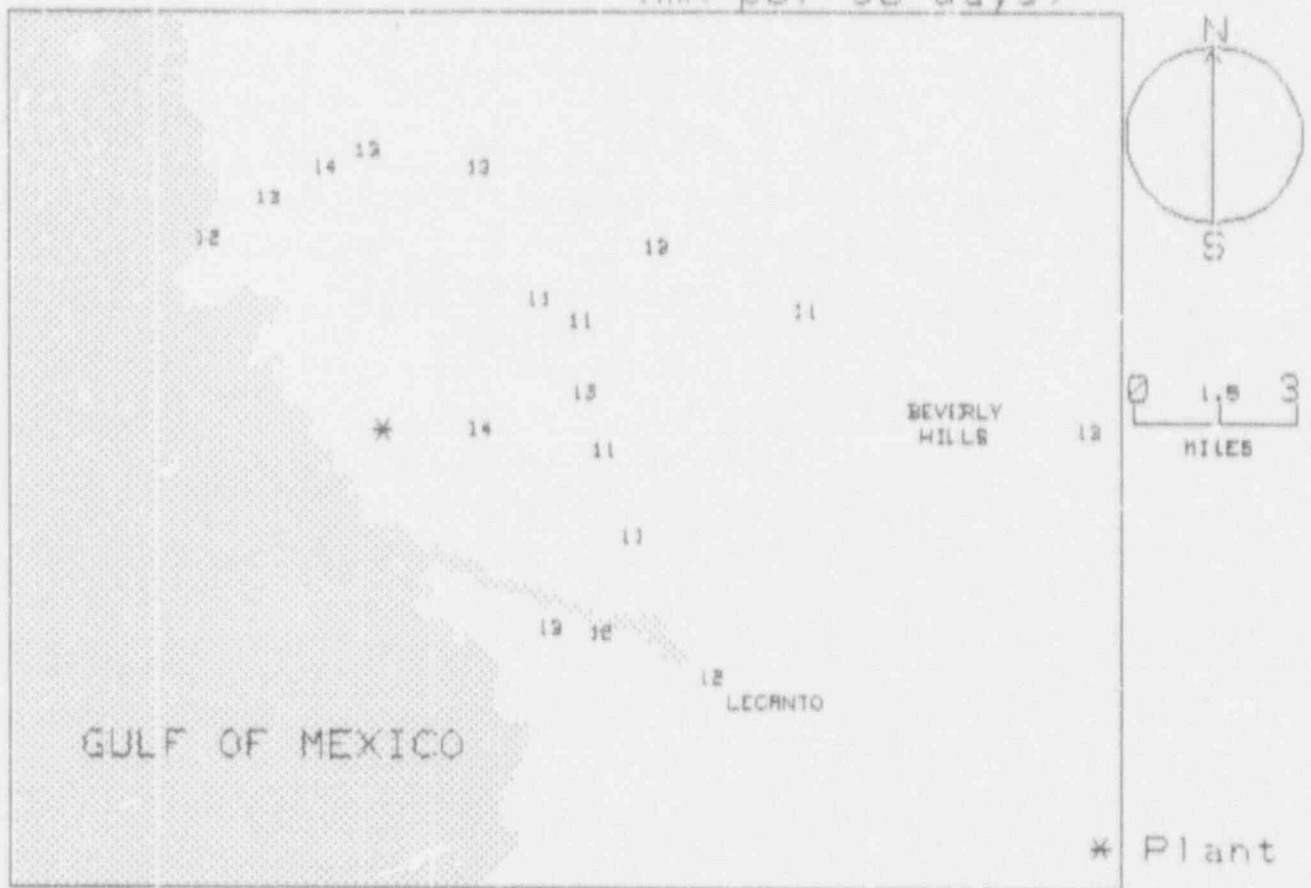
CRYSTAL RIVER
For the period 920312-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.8 +- 0.0	1
11.26 - 33.75 NNE	12.6 +- 0.0	1
33.76 - 56.25 NE	12.2 +- 1.9	2
56.26 - 78.75 ENE	11.3 +- 0.2	2
78.76 - 101.25 E	12.7 +- 1.2	4
101.26 - 123.75 ESE	11.0 +- 0.0	1
123.76 - 146.25 SE	12.4 +- 0.8	3
146.26 - 168.75 SSE	11.7 +- 0.3	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	12.1 +- 0.0	1
326.26 - 348.75 NNW	13.1 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.3 +- 0.0	1
2 - 5	12.1 +- 1.0	9
> 5	12.2 +- 0.7	9
Upwind Control	11.6 +- 0.7	3

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



DAVIS BESSE

TLD Direct Radiation Environmental Monitoring

For the period 920310-920728 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	50 0.6	17.1 +- 0.5; 2.6	13.7 +- 0.6; 4.0	12.3 +- 1.9
2	86 0.9	18.5 +- 0.6; 2.8	15.1 +- 0.7; 4.1	13.6 +- 2.3
3	116 1.4	17.5 +- 0.5; 2.6	14.0 +- 0.6; 4.0	12.8 +- 2.1
4	172 0.8	18.8 +- 0.6; 2.8	15.4 +- 0.7; 4.1	16.3 +- 2.8
5	200 1.5	24.5 +- 0.7; 3.7	21.3 +- 0.8; 4.8	19.0 +- 2.3
6	226 1.0	Missing Dosimeter	No Net Data	16.3 +- 2.2
7	249 1.5	21.2 +- 0.6; 3.2	17.9 +- 0.7; 4.4	17.0 +- 2.2
8	267 1.8	21.9 +- 0.7; 3.3	18.7 +- 0.8; 4.5	17.6 +- 2.5
9	285 1.8	21.8 +- 0.7; 3.3	18.5 +- 0.8; 4.5	17.4 +- 2.3
10	306 1.5	18.4 +- 0.6; 2.8	15.0 +- 0.7; 4.1	15.2 +- 2.3
11	344 0.9	18.4 +- 0.6; 2.8	15.0 +- 0.7; 4.1	14.3 +- 1.7
12	142 4.5	23.6 +- 0.7; 3.5	20.4 +- 0.8; 4.7	17.8 +- 2.1
13	158 4.0	23.8 +- 0.7; 3.6	20.6 +- 0.8; 4.7	19.1 +- 2.3
14	180 3.8	21.1 +- 0.6; 3.2	17.8 +- 0.7; 4.4	16.0 +- 1.9
15	207 4.8	25.8 +- 0.8; 3.9	22.7 +- 0.9; 5.0	16.9 +- 2.2
16	225 4.5	22.4 +- 0.7; 3.4	19.1 +- 0.8; 4.5	17.2 +- 2.2
17	254 2.7	24.8 +- 0.7; 3.7	21.6 +- 0.8; 4.8	20.5 +- 2.4
18	269 3.0	22.4 +- 0.7; 3.4	19.1 +- 0.8; 4.5	17.6 +- 2.2
19	295 5.3	23.6 +- 0.7; 3.5	20.3 +- 0.8; 4.7	19.2 +- 2.5
20	25 0.5	17.9 +- 0.5; 2.7	14.5 +- 0.7; 4.0	12.5 +- 2.3
21	132 9.7	21.0 +- 0.6; 3.1	17.7 +- 0.7; 4.4	16.9 +- 2.2
22	210 6.5	21.7 +- 0.7; 3.3	18.4 +- 0.8; 4.5	17.8 +- 3.9

Transit Jose = 3.9 +- 0.3; 2.8

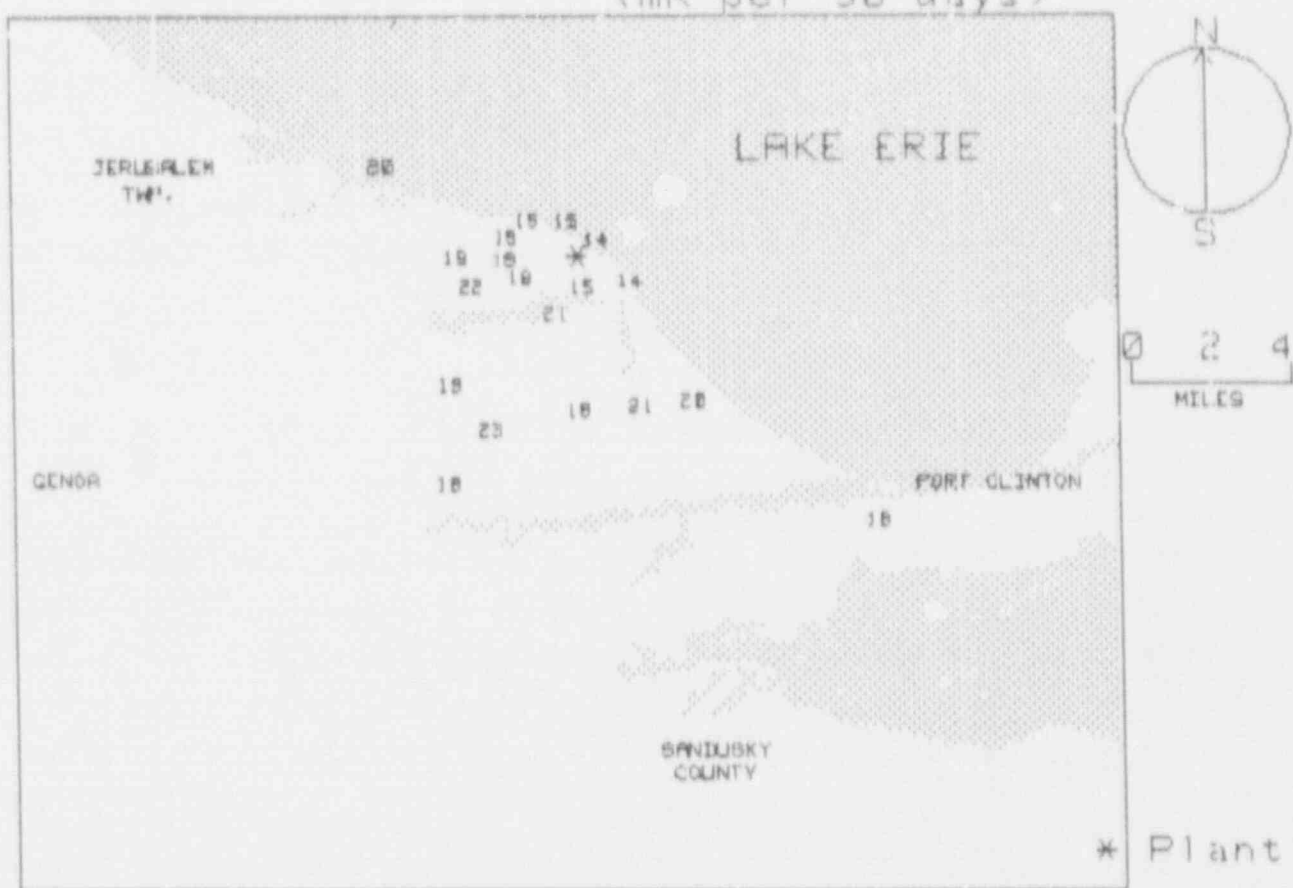
DAVIS BESSE
For the period 920310-920728

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	14.5 +- 0.0	1
33.76 - 56.25 NE	13.7 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	15.1 +- 0.0	1
101.26 - 123.75 ESE	14.0 +- 0.0	1
123.76 - 146.25 SE	20.4 +- 0.0	1
146.26 - 168.75 SSE	20.6 +- 0.0	1
168.76 - 191.25 S	16.6 +- 1.7	2
191.26 - 213.75 SSW	22.0 +- 1.0	2
213.76 - 236.25 SW	19.1 +- 0.0	1
236.26 - 258.75 WSW	19.8 +- 2.6	2
258.76 - 281.25 W	18.9 +- 0.3	2
281.26 - 303.75 WNW	19.4 +- 1.3	2
303.76 - 326.25 NW	15.0 +- 0.0	1
326.26 - 348.75 NNW	15.0 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 2.4	11
2 - 5	20.2 +- 1.7	7
> 5	20.3 +- 0.0	1
Upwind Control	18.0 +- 0.5	2

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



DC COOK

TLD Direct Radiation Environmental Monitoring

For the period 920310-920722 135 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	54	1.7	19.1	+- 0.6; 2.9	13.6	+- 0.6; 3.9	14.8	+- 2.4
2	67	1.3	24.1	+- 0.7; 3.6	18.1	+- 0.7; 4.4	16.9	+- 2.6
3	89	1.1	17.1	+- 0.5; 2.6	11.8	+- 0.6; 3.7	13.9	+- 2.7
4	58	0.7	18.2	+- 0.5; 2.7	12.8	+- 0.6; 3.8	14.1	+- 2.6
5	19	2.3	18.7	+- 0.6; 2.8	13.3	+- 0.6; 3.8	14.7	+- 2.5
6	111	1.6	19.7	+- 0.6; 3.0	14.2	+- 0.6; 3.9	14.4	+- 2.5
7	135	1.5	18.6	+- 0.6; 2.8	13.2	+- 0.6; 3.8	14.3	+- 2.7
8	158	1.4	23.2	+- 0.7; 3.5	17.3	+- 0.7; 4.3	16.4	+- 2.7
9	171	1.9	19.0	+- 0.6; 2.8	13.5	+- 0.6; 3.9	13.8	+- 2.3
10	199	1.5	18.9	+- 0.6; 2.8	13.1	+- 0.6; 3.9	14.2	+- 2.4
11	195	3.9	18.0	+- 0.5; 2.7	12.0	+- 0.6; 3.8	14.3	+- 2.7
12	200	6.6	20.1	+- 0.6; 3.0	14.5	+- 0.6; 4.0	15.1	+- 2.6
13	179	3.9	Missing Dosimeter		No Net Data		17.2	+- 2.6
14	151	4.4	22.4	+- 0.7; 3.4	16.6	+- 0.7; 4.2	18.2	+- 2.7
15	130	4.6	24.2	+- 0.7; 3.6	18.2	+- 0.7; 4.4	18.2	+- 2.4
16	110	3.7	20.3	+- 0.6; 3.0	14.7	+- 0.6; 4.0	15.8	+- 2.3
17	88	3.6	20.8	+- 0.6; 3.1	15.2	+- 0.7; 4.0	15.2	+- 2.3
18	87	3.8	21.1	+- 0.6; 3.2	15.4	+- 0.7; 4.1	15.5	+- 2.8
19	24	3.8	17.8	+- 0.5; 2.7	12.4	+- 0.6; 3.8	14.4	+- 2.5
20	43	3.3	20.9	+- 0.6; 3.1	15.2	+- 0.7; 4.0	17.1	+- 3.2
21	26	9.9	23.6	+- 0.7; 3.5	17.7	+- 0.7; 4.3	18.4	+- 4.6
22	121	18.0	18.6	+- 0.6; 2.8	13.2	+- 0.6; 3.8	15.0	+- 2.4
23	121	18.0	19.5	+- 0.6; 2.9	13.9	+- 0.6; 3.9	15.3	+- 2.8
24	121	18.0	23.7	+- 0.7; 3.5	17.7	+- 0.7; 4.3	17.2	+- 2.9

Transit Dose = 4.0 +- 0.4; 3.2

DC COOK

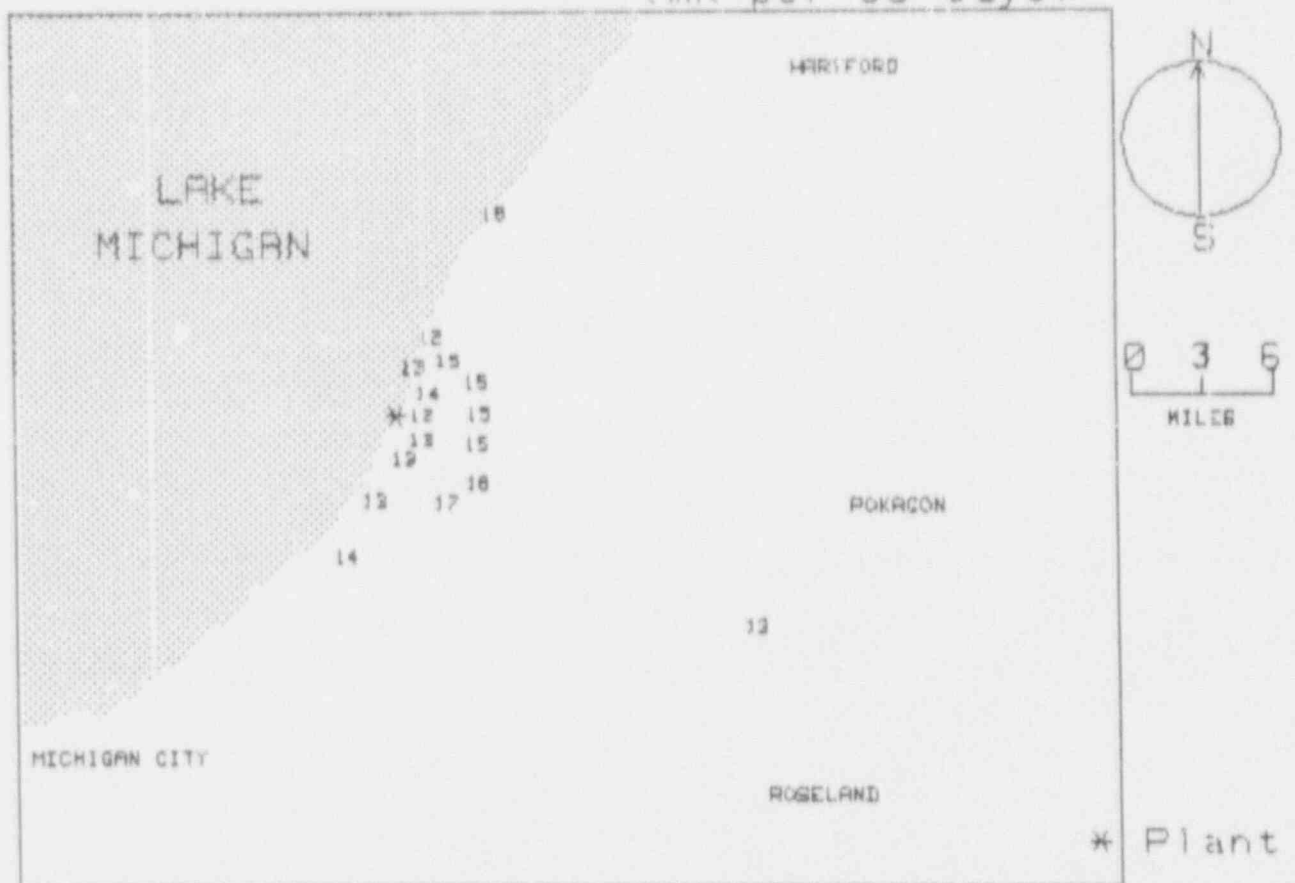
For the period 920310-920722

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	14.5 +- 2.8	3
33.76 - 56.25 NE	14.4 +- 1.1	2
56.26 - 78.75 ENE	15.4 +- 2.7	3
78.76 - 101.25 E	13.5 +- 2.4	2
101.26 - 123.75 ESE	14.4 +- 0.3	2
123.76 - 146.25 SE	15.7 +- 3.6	2
146.26 - 168.75 SSE	17.0 +- 0.5	2
168.76 - 191.25 S	13.5 +- 0.0	1
191.26 - 213.75 SSW	13.5 +- 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	14.2 +- 2.1	9
2 - 5	14.8 +- 1.9	9
> 5	16.1 +- 2.3	2
Upwind Control	14.9 +- 2.4	3

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



DIABLO CANYON
TLD Direct Radiation Environmental Monitoring

DIABLO CANYON - Second Quarter TLDs Not Collected At Time of Report

DIABLO CANYON
TLD Direct Radiation Environmental Monitoring

DIABLO CANYON - Second Quarter TLDs Not Collected At Time of Report

DIABLO CANYON
TLD Direct Radiation Environmental Monitoring

DIABLO CANYON - Second Quarter TLDs Not Collected At Time of Report

DRESDEN

TLD Direct Radiation Environmental Monitoring
 For the period 920310-920721 134 Days
 Field Time: 96 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm; Tot.		+Rdm; Tot.		+1 Std Dev	
1	70	4.2	22.2	+ 0.7; 3.3	16.2	+ 0.7; 4.3	17.2	+ 3.0
2	76	3.9	19.1	+ 0.6; 2.9	13.3	+ 0.6; 4.0	17.1	+ 3.2
3	108	3.2	21.4	+ 0.6; 3.2	15.5	+ 0.7; 4.2	17.7	+ 2.8
4	142	1.3	19.1	+ 0.6; 2.9	13.3	+ 0.6; 4.0	14.4	+ 3.1
5	115	1.5	19.0	+ 0.6; 2.9	13.2	+ 0.6; 4.0	14.7	+ 2.6
6	180	1.9	21.0	+ 0.6; 3.2	15.1	+ 0.7; 4.2	17.8	+ 3.3
7	179	0.5	21.3	+ 0.6; 3.2	15.4	+ 0.7; 4.2	16.8	+ 2.8
8	180	0.7	18.4	+ 0.6; 2.8	12.7	+ 0.6; 4.0	14.6	+ 2.6
9	253	0.5	22.1	+ 0.7; 3.3	16.1	+ 0.7; 4.3	18.0	+ 3.0
10	254	1.3	Damaged Dosimeter		No Net Data		23.7	+ 4.4
11	250	1.5	19.8	+ 0.6; 3.0	14.0	+ 0.7; 4.	15.2	+ 3.2
12	263	2.1	22.4	+ 0.7; 3.4	16.4	+ 0.7; 4.3	18.1	+ 2.8
13	180	4.0	17.9	+ 0.5; 2.7	12.2	+ 0.6; 3.9	13.9	+ 2.7
14	158	4.8	20.5	+ 0.6; 3.1	14.6	+ 0.7; 4.2	15.2	+ 2.5
15	137	4.2	18.2	+ 0.5; 2.7	12.5	+ 0.6; 3.9	15.6	+ 2.9
16	134	8.4	19.7	+ 0.6; 2.9	13.8	+ 0.7; 4.1	15.1	+ 2.8
17	189	7.4	20.4	+ 0.6; 3.1	14.5	+ 0.7; 4.1	16.0	+ 2.8
18	203	4.1	16.3	+ 0.5; 2.4	10.7	+ 0.6; 3.8	14.1	+ 3.1
19	231	4.0	28.3	+ 0.8; 4.2	22.0	+ 0.9; 5.0	18.6	+ 3.3
20	244	6.4	19.6	+ 0.6; 2.9	13.8	+ 0.7; 4.1	16.3	+ 3.3
21	258	8.6	22.8	+ 0.7; 3.4	16.8	+ 0.7; 4.4	17.0	+ 2.8
22	269	4.4	19.4	+ 0.6; 2.9	13.6	+ 0.7; 4.1	14.7	+ 2.8
23	301	3.5	18.9	+ 0.6; 2.8	13.1	+ 0.6; 4.0	20.5	+ 7.7
24	311	3.9	Missing Dosimeter		No Net Data		16.0	+ 3.1
25	34^	4.7	22.6	+ 0.7; 3.4	16.6	+ 0.7; 4.4	19.1	+ 3.1
26	.	4.4	20.2	+ 0.6; 3.0	14.3	+ 0.7; 4.1	15.9	+ 2.9
27	355	2.0	26.6	+ 0.8; 4.0	20.3	+ 0.8; 4.8	20.5	+ 3.3
28	327	1.7	26.1	+ 0.8; 3.9	19.9	+ 0.8; 4.7	21.0	+ 3.0
29	318	1.4	22.2	+ 0.7; 3.3	16.2	+ 0.7; 4.3	18.3	+ 3.4
30	295	2.0	Missing Dosimeter		No Net Data		15.8	+ 3.4
31	30	1.5	24.3	+ 0.7; 3.6	18.2	+ 0.8; 4.5	19.6	+ 3.3
32	48	1.9	25.3	+ 0.8; 4.0	20.1	+ 0.8; 4.8	20.9	+ 3.3
33	76	1.4	23.4	+ 0.7; 3.5	17.4	+ 0.8; 4.4	19.3	+ 3.3
34	90	1.4	21.9	+ 0.7; 3.3	15.9	+ 0.7; 4.3	18.1	+ 3.8
35	26	4.5	22.2	+ 0.7; 3.3	16.2	+ 0.7; 4.3	17.9	+ 3.1
36	42	3.6	20.1	+ 0.6; 3.0	14.3	+ 0.7; 4.1	16.2	+ 3.2
37	52	11.5	22.0	+ 0.7; 3.3	16.0	+ 0.7; 4.3	17.3	+ 3.5
38	274	21.5	23.8	+ 0.7; 3.6	17.7	+ 0.8; 4.5	17.9	+ 3.6
39	274	21.5	22.9	+ 0.7; 3.4	16.9	+ 0.7; 4.4	17.8	+ 3.3
40	275	21.5	23.8	+ 0.7; 3.6	17.7	+ 0.8; 4.5	19.3	+ 3.9

Transit Dose = 4.9 + 0.4; 3.2

DRESDEN

For the period 920310-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.3 +- 4.2	2
11.26 - 33.75 NNE	17.2 +- 1.4	2
33.76 - 56.25 NE	16.8 +- 3.0	3
56.26 - 78.75 ENE	15.6 +- 2.1	3
78.76 - 101.25 E	15.9 +- 0.0	1
101.26 - 123.75 ESE	14.3 +- 1.6	2
123.76 - 146.25 SE	13.2 +- 0.7	3
146.26 - 168.75 SSE	14.6 +- 0.0	1
168.76 - 191.25 S	14.0 +- 1.4	5
191.26 - 213.75 SSW	10.7 +- 3.0	1
213.76 - 236.25 SW	22.0 +- 0.0	1
236.26 - 258.75 WSW	15.2 +- 1.5	4
258.76 - 281.25 W	15.0 +- 2.0	2
281.26 - 303.75 WNW	13.1 +- 0.0	1
303.76 - 326.25 NW	16.2 +- 0.0	1
326.26 - 348.75 NNW	18.2 +- 2.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 2.6	14
2 - 5	14.8 +- 2.6	15
> 5	15.0 +- 1.3	5
Upwind Control	17.4 +- 0.5	3

MAP FOR DRESDEN

Map will be provided for this site in the future.

DUANE ARNOLD

TLD Direct Radiation Environmental Monitoring

For the period 920310-920716 129 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	163 9.7	19.1 +- 0.6; 2.9	17.2 +- 0.6; 3.9	16.3 +- 1.9
2	170 6.2	20.4 +- 0.6; 3.1	18.5 +- 0.7; 4.1	18.5 +- 1.9
3	180 3.5	Damaged Dosimeter	No Net Data	15.3 +- 1.3
4	216 2.9	22.2 +- 0.7; 3.3	20.2 +- 0.7; 4.2	18.4 +- 2.2
5	201 2.5	18.4 +- 0.6; 2.8	16.5 +- 0.6; 3.8	14.9 +- 1.6
6	213 1.0	21.1 +- 0.6; 3.2	19.2 +- 0.7; 4.1	16.7 +- 1.7
7	248 1.0	21.9 +- 0.7; 3.3	20.0 +- 0.7; 4.2	18.6 +- 2.0
8	279 1.0	22.4 +- 0.7; 3.4	20.5 +- 0.7; 4.3	18.2 +- 1.9
9	298 1.0	23.4 +- 0.7; 3.5	21.4 +- 0.7; 4.4	19.3 +- 2.3
10	320 1.5	22.7 +- 0.7; 3.4	20.8 +- 0.7; 4.3	18.3 +- 2.0
11	343 1.0	22.7 +- 0.7; 3.4	20.7 +- 0.7; 4.3	19.1 +- 2.1
12	359 1.2	21.8 +- 0.7; 3.3	19.9 +- 0.7; 4.2	18.0 +- 1.7
13	237 0.5	20.9 +- 0.6; 3.1	19.0 +- 0.7; 4.1	17.2 +- 1.8
14	259 3.9	22.1 +- 0.7; 3.3	20.2 +- 0.7; 4.2	17.8 +- 2.1
15	272 5.0	17.4 +- 0.5; 2.6	15.6 +- 0.6; 3.7	15.0 +- 1.7
16	285 5.0	19.1 +- 0.6; 2.9	17.3 +- 0.6; 3.9	16.6 +- 1.8
17	308 4.5	Damaged Dosimeter	No Net Data	18.6 +- 2.1
18	340 4.5	18.8 +- 0.6; 2.8	16.9 +- 0.6; 3.9	15.4 +- 1.4
19	291 15.0	20.7 +- 0.6; 3.1	18.8 +- 0.7; 4.1	16.8 +- 1.5
20	291 15.0	21.4 +- 0.6; 3.2	19.5 +- 0.7; 4.2	17.6 +- 1.8
21	291 15.0	19.8 +- 0.6; 3.0	17.9 +- 0.6; 4.0	16.2 +- 1.7
22	358 6.1	19.0 +- 0.6; 2.8	17.1 +- 0.6; 3.9	15.5 +- 1.4
23	7 2.9	18.3 +- 0.5; 2.7	16.4 +- 0.6; 3.8	15.0 +- 1.6
24	28 3.0	22.8 +- 0.7; 3.4	20.8 +- 0.7; 4.3	18.3 +- 2.0
25	39 3.5	20.4 +- 0.6; 3.1	18.5 +- 0.7; 4.1	16.9 +- 1.5
26	64 3.8	21.0 +- 0.6; 3.1	19.1 +- 0.7; 4.1	17.5 +- 1.5
27	50 1.9	18.8 +- 0.6; 2.8	17.0 +- 0.6; 3.9	15.4 +- 1.6
28	72 2.3	18.9 +- 0.6; 2.8	17.1 +- 0.6; 3.9	17.1 +- 1.5
29	91 3.0	19.3 +- 0.6; 2.9	17.4 +- 0.6; 3.9	15.2 +- 1.5
30	93 1.8	22.1 +- 0.7; 3.3	20.2 +- 0.7; 4.2	18.8 +- 1.6
31	113 2.0	23.1 +- 0.7; 3.5	21.1 +- 0.7; 4.3	18.9 +- 1.7
32	141 1.6	19.1 +- 0.6; 2.9	17.2 +- 0.6; 3.9	15.2 +- 1.6
33	153 1.5	21.5 +- 0.6; 3.2	19.6 +- 0.7; 4.2	17.3 +- 1.8
34	177 1.2	17.0 +- 0.5; 2.6	15.2 +- 0.6; 3.7	15.7 +- 2.7
35	153 4.2	18.0 +- 0.5; 2.7	16.1 +- 0.6; 3.8	14.8 +- 1.6
36	135 4.1	Damaged Dosimeter	No Net Data	16.3 +- 1.6
37	111 4.6	22.5 +- 0.7; 3.4	20.5 +- 0.7; 4.3	18.4 +- 1.6
38	123 5.1	22.2 +- 0.7; 3.3	20.2 +- 0.7; 4.2	18.4 +- 1.8
39	132 7.0	18.5 +- 0.6; 2.8	16.6 +- 0.6; 3.8	15.5 +- 1.5
40	139 7.6	19.0 +- 0.6; 2.8	17.1 +- 0.6; 3.9	16.3 +- 1.5

Transit Dose = 1.5 +- 0.3; 2.8

DUANE ARNOLD
For the period 920310-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.8 +- 1.9	3
11.26 - 33.75 NNE	20.8 +- 0.0	1
33.76 - 56.25 NE	17.8 +- 1.1	2
56.26 - 78.75 ENE	18.1 +- 1.4	2
78.76 - 101.25 E	18.8 +- 2.0	2
101.26 - 123.75 ESE	20.6 +- 0.5	3
123.76 - 146.25 SE	17.0 +- 0.3	3
146.26 - 168.75 SSE	17.7 +- 1.8	3
168.76 - 191.25 S	16.9 +- 2.4	2
191.26 - 213.75 SSW	17.9 +- 1.9	2
213.76 - 236.25 SW	20.2 +- 0.0	1
236.26 - 258.75 WSW	19.5 +- 0.7	2
258.76 - 281.25 W	18.8 +- 2.7	3
281.26 - 303.75 WNW	19.3 +- 2.9	2
303.76 - 326.25 NW	20.8 +- 0.0	1
326.26 - 348.75 NNW	18.8 +- 2.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.4 +- 1.8	14
2 - 5	18.1 +- 1.8	14
> 5	17.8 +- 1.4	6
Upwind Control	18.7 +- 0.8	3

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

FARLEY

TLD Direct Radiation Environmental Monitoring

For the period 920312-920722 133 Days

Field Time: 84 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	268	15.0	17.9	+ - 0.5; 2.7	10.9	+ - 0.7; 4.4	15.0	+ - 2.3
2	252	7.8	17.7	+ - 0.5; 2.7	10.7	+ - 0.7; 4.4	15.1	+ - 2.4
3	217	6.1	19.9	+ - 0.6; 3.0	13.1	+ - 0.8; 4.6	16.1	+ - 2.0
4	155	5.7	23.9	+ - 0.7; 3.6	17.3	+ - 0.9; 5.1	18.8	+ - 2.4
5	170	5.1	20.3	+ - 0.6; 3.0	13.5	+ - 0.8; 4.7	16.0	+ - 2.1
6	197	4.5	19.1	+ - 0.6; 2.9	12.2	+ - 0.8; 4.5	15.0	+ - 2.0
7	191	2.4	22.8	+ - 0.7; 3.4	16.2	+ - 0.9; 5.0	18.8	+ - 2.3
8	200	1.8	19.4	+ - 0.6; 2.9	12.5	+ - 0.8; 4.6	16.1	+ - 2.2
9	220	1.2	18.6	+ - 0.6; 2.8	11.6	+ - 0.8; 4.5	14.5	+ - 2.2
10	254	0.9	21.2	+ - 0.6; 3.2	14.4	+ - 0.8; 4.8	16.5	+ - 2.2
11	300	0.9	21.3	+ - 0.6; 3.2	14.5	+ - 0.8; 4.8	16.3	+ - 2.2
12	319	1.1	19.7	+ - 0.6; 3.0	12.9	+ - 0.8; 4.6	16.8	+ - 2.3
13	338	1.3	18.7	+ - 0.6; 2.8	11.8	+ - 0.8; 4.5	15.1	+ - 2.0
14	256	1.2	Missing Dosimeter		No Net Data		15.4	+ - 2.2
15	16	1.3	23.9	+ - 0.7; 3.6	17.3	+ - 0.9; 5.1	20.9	+ - 2.0
16	264	1.6	19.8	+ - 0.6; 3.0	13.0	+ - 0.8; 4.6	15.5	+ - 2.1
17	253	3.5	22.3	+ - 0.7; 3.3	15.7	+ - 0.9; 4.9	17.6	+ - 2.1
18	233	3.2	20.4	+ - 0.6; 3.1	13.6	+ - 0.8; 4.7	15.7	+ - 2.1
19	267	4.5	19.5	+ - 0.6; 2.9	12.6	+ - 0.8; 4.6	16.6	+ - 2.0
20	295	3.8	22.6	+ - 0.7; 3.4	15.9	+ - 0.9; 4.9	16.8	+ - 2.6
21	315	4.6	19.1	+ - 0.6; 2.9	12.2	+ - 0.8; 4.5	15.1	+ - 2.3
22	332	4.3	19.9	+ - 0.6; 3.0	13.1	+ - 0.8; 4.6	14.8	+ - 2.0
23	251	4.8	19.4	+ - 0.6; 2.9	12.6	+ - 0.8; 4.6	14.5	+ - 2.0
24	32	5.3	21.3	+ - 0.6; 3.2	14.6	+ - 0.8; 4.8	16.9	+ - 2.0
25	54	6.2	19.3	+ - 0.6; 2.9	12.5	+ - 0.8; 4.6	14.7	+ - 2.2
26	64	5.5	21.0	+ - 0.6; 3.1	14.2	+ - 0.8; 4.8	16.4	+ - 2.1
27	88	4.7	19.9	+ - 0.6; 3.0	13.0	+ - 0.8; 4.6	16.1	+ - 2.0
28	124	5.1	20.7	+ - 0.6; 3.1	13.9	+ - 0.8; 4.7	16.8	+ - 2.1
29	153	4.1	19.7	+ - 0.6; 3.0	12.9	+ - 0.8; 4.6	16.0	+ - 2.1
30	142	3.6	18.9	+ - 0.6; 2.8	12.0	+ - 0.8; 4.5	14.7	+ - 1.9
31	130	3.0	16.7	+ - 0.5; 2.5	9.7	+ - 0.7; 4.3	13.9	+ - 2.1
32	110	2.8	18.6	+ - 0.6; 2.8	11.7	+ - 0.8; 4.5	15.0	+ - 2.2
33	78	2.6	18.0	+ - 0.5; 2.7	11.0	+ - 0.7; 4.4	14.9	+ - 2.3
34	58	2.2	17.2	+ - 0.5; 2.6	10.2	+ - 0.7; 4.3	13.7	+ - 2.2
35	34	2.4	23.6	+ - 0.7; 3.5	17.1	+ - 0.9; 5.1	19.8	+ - 2.2
36	19	2.7	21.2	+ - 0.6; 3.2	14.4	+ - 0.8; 4.8	17.3	+ - 1.9
37	284	10.0	19.6	+ - 0.6; 2.9	12.7	+ - 0.8; 4.6	16.2	+ - 2.1
38	289	15.0	21.9	+ - 0.7; 3.3	15.2	+ - 0.8; 4.9	15.4	+ - 3.4
39	293	15.0	22.2	+ - 0.7; 3.3	15.6	+ - 0.9; 4.9	17.0	+ - 1.8

Transit Dose = 7.7 + - 0.4; 3.1

FARLEY

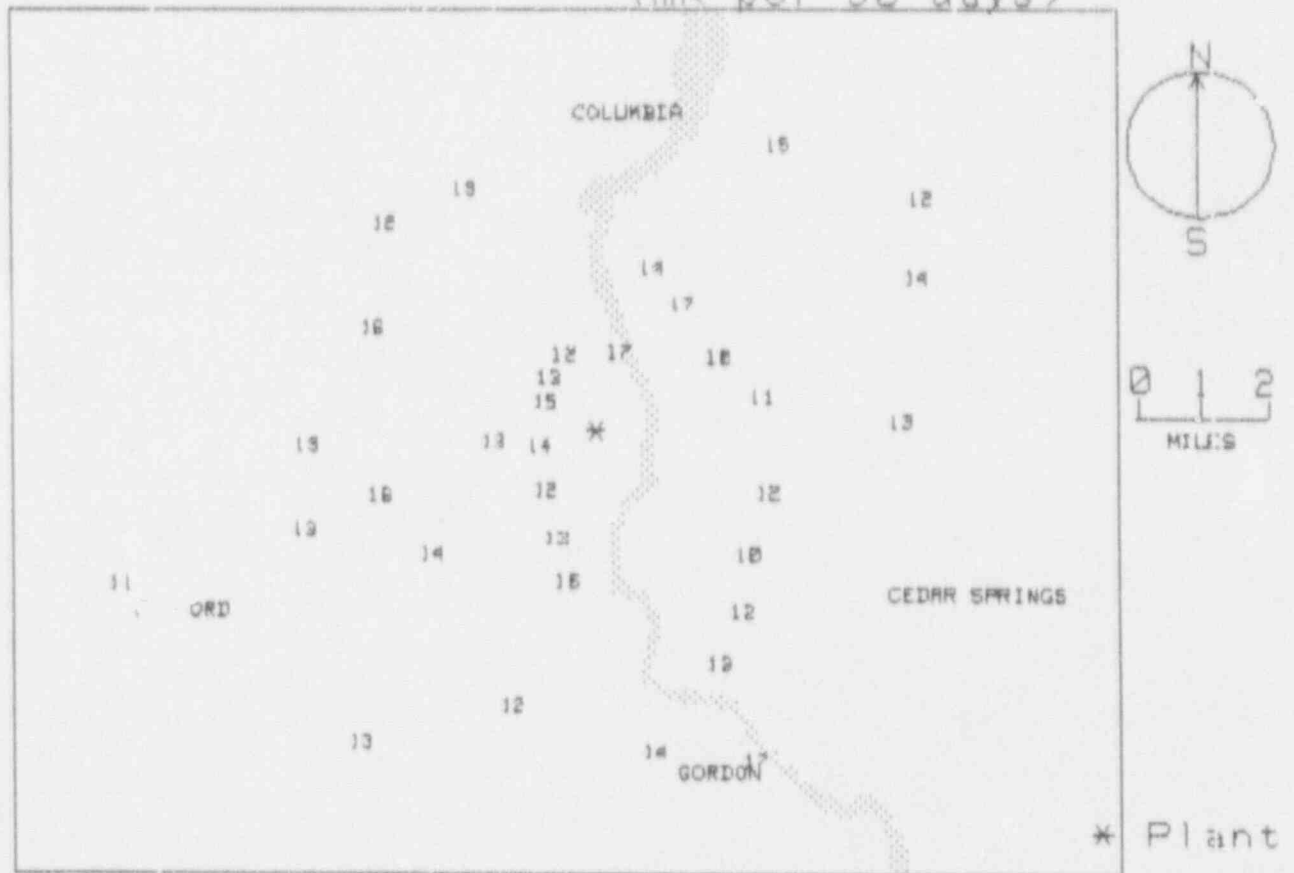
For the period 920312-920722

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	15.4 +- 1.6	3
33.76 - 56.25 NE	14.8 +- 3.3	2
56.26 - 78.75 ENE	11.8 +- 2.1	3
78.76 - 101.25 E	13.0 +- 0.0	1
101.26 - 123.75 ESE	11.7 +- 0.0	1
123.76 - 146.25 SE	11.9 +- 2.1	3
146.26 - 168.75 SSE	15.1 +- 3.2	2
168.76 - 191.25 S	14.8 +- 1.9	2
191.26 - 213.75 SSW	12.4 +- 0.2	2
213.76 - 236.25 SW	12.8 +- 1.0	3
236.26 - 258.75 WSW	13.3 +- 2.2	4
258.76 - 281.25 W	12.2 +- 1.1	3
281.26 - 303.75 WNW	15.2 +- 1.0	2
303.76 - 326.25 NW	12.6 +- 0.5	2
326.26 - 348.75 NNW	12.4 +- 0.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.5 +- 1.9	8
2 - 5	13.1 +- 2.1	18
> 5	13.4 +- 2.0	9
Upwind Control	14.5 +- 1.5	3

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



FERMI

TLD Direct Radiation Environmental Monitoring

For the period 9.0310-920716 129 Days

Field Time: 88 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	38	2.1	18.1 +- 0.5; 2.7	10.5 +- 0.7; 4.3	14.8 +- 3.2
2	22	2.3	22.2 +- 0.7; 3.3	14.6 +- 0.8; 4.8	15.8 +- 3.5
3	350	1.8	27.3 +- 0.8; 4.1	19.9 +- 1.0; 5.4	20.3 +- 2.3
4	345	1.9	Damaged Dosimeter	No Net Data	16.4 +- 2.6
5	346	1.4	23.1 +- 0.7; 3.5	15.6 +- 0.8; 4.9	17.7 +- 2.4
6	310	1.3	23.2 +- 0.7; 3.5	15.7 +- 0.9; 4.9	17.7 +- 2.8
7	298	1.4	23.7 +- 0.7; 3.5	16.2 +- 0.9; 4.9	17.2 +- 2.4
8	277	1.6	24.2 +- 0.7; 3.6	16.7 +- 0.9; 5.0	17.3 +- 2.2
9	238	1.0	21.9 +- 0.7; 3.3	14.3 +- 0.8; 4.7	16.1 +- 3.2
10	225	1.5	20.9 +- 0.6; 3.1	13.4 +- 0.8; 4.6	14.6 +- 2.6
11	193	0.8	22.9 +- 0.7; 3.4	15.4 +- 0.8; 4.8	17.2 +- 2.2
12	183	0.9	23.2 +- 0.7; 3.5	15.7 +- 0.9; 4.9	16.9 +- 2.4
13	175	0.8	24.9 +- 0.7; 3.7	17.4 +- 0.9; 5.1	16.4 +- 2.3
14	260	1.7	26.8 +- 0.8; 4.0	19.3 +- 0.9; 5.3	18.5 +- 2.3
15	245	2.5	21.4 +- 0.6; 3.2	13.9 +- 0.8; 4.7	16.0 +- 2.5
16	236	5.0	25.3 +- 0.8; 3.8	17.9 +- 0.9; 5.1	19.3 +- 2.1
17	225	6.8	Missing Dosimeter	No Net Data	13.8 +- 2.6
18	250	7.0	19.5 +- 0.6; 2.9	11.9 +- 0.8; 4.5	14.1 +- 3.0
19	277	6.0	21.1 +- 0.6; 3.2	13.5 +- 0.8; 4.6	14.6 +- 2.3
20	297	6.0	21.5 +- 0.6; 3.2	13.9 +- 0.8; 4.7	16.8 +- 2.8
21	320	3.8	23.4 +- 0.7; 3.5	15.9 +- 0.9; 4.9	16.1 +- 1.4
22	340	4.7	23.4 +- 0.7; 3.5	15.9 +- 0.9; 4.9	17.8 +- 2.3
23	358	4.3	24.2 +- 0.7; 3.6	16.7 +- 0.9; 5.0	18.2 +- 2.8
24	23	5.0	25.0 +- 0.8; 3.8	17.6 +- 0.9; 5.1	19.5 +- 2.4
25	25	7.0	Missing Dosimeter	No Net Data	14.4 +- 2.5
26	0	7.0	20.3 +- 0.6; 3.0	12.7 +- 0.8; 4.6	15.4 +- 2.6
27	342	8.0	22.7 +- 0.7; 3.4	15.2 +- 0.8; 4.8	16.2 +- 2.5
28	320	9.5	21.6 +- 0.6; 3.2	14.1 +- 0.8; 4.7	15.4 +- 2.2
29	290	11.0	26.2 +- 0.8; 3.9	18.8 +- 0.9; 5.2	17.8 +- 2.2
30	270	11.0	26.3 +- 0.8; 3.9	18.8 +- 0.9; 5.2	18.6 +- 2.4
31	245	10.0	21.9 +- 0.7; 3.3	14.3 +- 0.8; 4.7	15.8 +- 2.3
32	220	11.0	Missing Dosimeter	No Net Data	16.7 +- 2.4
33	270	15.0	20.8 +- 0.6; 3.1	13.3 +- 0.8; 4.6	15.0 +- 2.4
34	270	15.0	21.5 +- 0.6; 3.2	14.0 +- 0.8; 4.7	15.2 +- 2.3
35	290	16.0	22.7 +- 0.7; 3.4	15.2 +- 0.8; 4.8	16.2 +- 2.2
36	350	0.8	19.8 +- 0.6; 3.0	12.2 +- 0.8; 4.5	16.0 +- 3.3
37	330	0.7	22.8 +- 0.7; 3.4	15.3 +- 0.8; 4.8	16.4 +- 2.8
38	310	0.7	21.7 +- 0.7; 3.3	14.1 +- 0.8; 4.7	16.0 +- 3.3
39	23	10.0	24.4 +- 0.7; 3.7	16.9 +- 0.9; 5.0	17.4 +- 2.3
40	0	9.0	26.8 +- 0.8; 4.0	19.3 +- 0.9; 5.3	18.3 +- 2.1
41	348	9.0	22.8 +- 0.7; 3.4	15.3 +- 0.8; 4.8	14.3 +- 2.6

Transit Dose = 7.9 +- 0.5; 3.3

FERMI

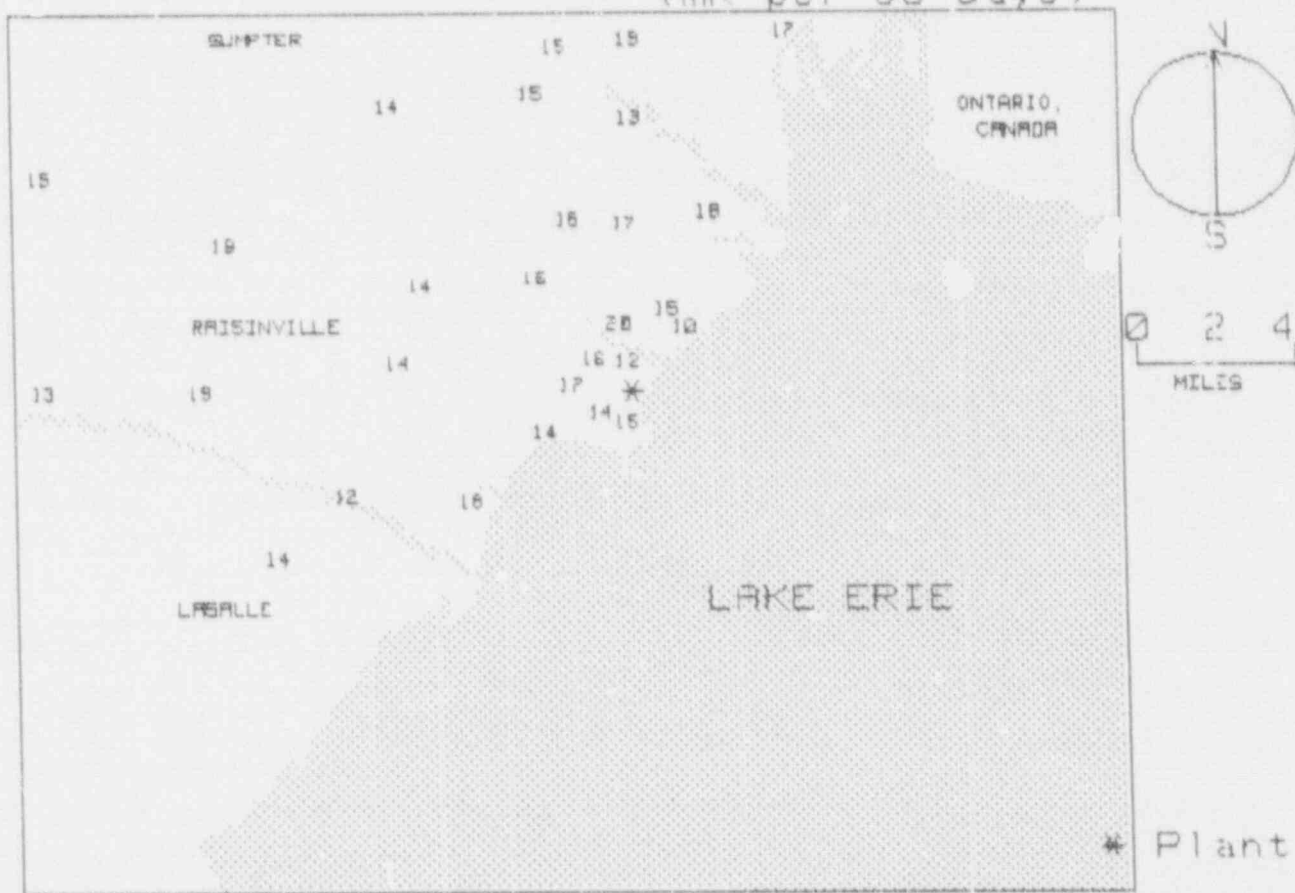
For the period 920310-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degreeer)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.2 +- 3.6	5
11.26 - 33.75 NNE	16.4 +- 1.5	3
33.76 - 56.25 NE	10.5 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	16.6 +- 1.2	2
191.26 - 213.75 SSW	15.4 +- 0.0	1
213.76 - 236.25 SW	15.6 +- 3.2	2
236.26 - 258.75 WSW	13.6 +- 1.2	4
258.76 - 281.25 W	17.1 +- 2.6	4
281.26 - 303.75 WNW	16.3 +- 2.4	3
303.76 - 326.25 NW	15.0 +- 1.0	4
326.26 - 348.75 NNW	15.4 +- 0.3	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.8 +- 2.1	14
2 - 5	15.4 +- 2.4	8
> 5	15.4 +- 2.5	12
Upwind Control	14.1 +- 1.0	3

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



FITZ/NMP

TLD Direct Radiation Environmental Monitoring

For the period 920313-920723 133 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	230	6.9	18.4	+- 0.6; 2.8	14.2	+- 0.6; 3.8	14.8	+- 1.4
2	184	14.0	19.5	+- 0.6; 2.9	15.2	+- 0.6; 3.9	15.8	+- 1.5
3	122	8.4	18.7	+- 0.6; 2.8	14.5	+- 0.6; 3.8	14.7	+- 1.6
4	76	11.0	18.5	+- 0.6; 2.8	14.3	+- 0.6; 3.8	15.0	+- 1.0
5	91	6.8	20.2	+- 0.6; 3.0	15.8	+- 0.6; 3.9	15.4	+- 1.7
6	112	4.3	19.3	+- 0.6; 2.9	15.0	+- 0.6; 3.9	15.2	+- 1.2
7	138	4.3	19.0	+- 0.6; 2.9	14.8	+- 0.6; 3.8	15.2	+- 1.3
8	152	3.6	17.8	+- 0.5; 2.7	13.7	+- 0.6; 3.7	15.2	+- 1.4
9	183	3.9	19.2	+- 0.6; 2.9	14.9	+- 0.6; 3.8	15.4	+- 1.1
10	205	4.5	17.4	+- 0.5; 2.6	13.3	+- 0.6; 3.7	14.5	+- 1.6
11	220	4.4	19.1	+- 0.6; 2.9	14.8	+- 0.6; 3.8	15.4	+- 1.3
12	230	6.1	19.5	+- 0.6; 2.9	15.2	+- 0.6; 3.9	15.6	+- 1.3
13	245	1.8	19.1	+- 0.6; 2.9	14.8	+- 0.6; 3.8	15.3	+- 1.2
14	223	1.8	17.9	+- 0.5; 2.7	13.8	+- 0.6; 3.7	14.9	+- 1.3
15	204	2.0	17.2	+- 0.5; 2.6	13.1	+- 0.6; 3.7	14.8	+- 1.6
16	181	1.8	18.4	+- 0.6; 2.8	14.2	+- 0.6; 3.3	15.0	+- 1.2
17	157	1.9	18.8	+- 0.6; 2.8	14.5	+- 0.6; 3.8	15.2	+- 1.1
18	137	1.6	18.6	+- 0.6; 2.8	14.4	+- 0.6; 3.8	14.8	+- 1.2
19	115	1.2	18.3	+- 0.6; 2.8	14.1	+- 0.6; 3.8	14.9	+- 1.7
20	92	1.1	19.3	+- 0.6; 2.9	15.0	+- 0.6; 3.9	15.7	+- 1.3
21	229	20.0	18.5	+- 0.6; 2.8	14.3	+- 0.6; 3.8	14.9	+- 1.5
22	229	20.0	18.8	+- 0.6; 2.8	14.6	+- 0.6; 3.8	14.5	+- 1.2
23	229	20.0	18.8	+- 0.6; 2.8	14.5	+- 0.6; 3.8	14.7	+- 1.3
24	196	8.0	17.5	+- 0.5; 2.6	13.4	+- 0.6; 3.7	14.5	+- 1.7
25	168	7.2	18.5	+- 0.6; 2.8	14.3	+- 0.6; 3.8	14.3	+- 1.2
26	152	0.6	20.0	+- 0.6; 3.0	15.6	+- 0.6; 3.9	16.2	+- 1.3

Transit Dose = 2.8 +- 0.3; 3.1

FITZ/NMP

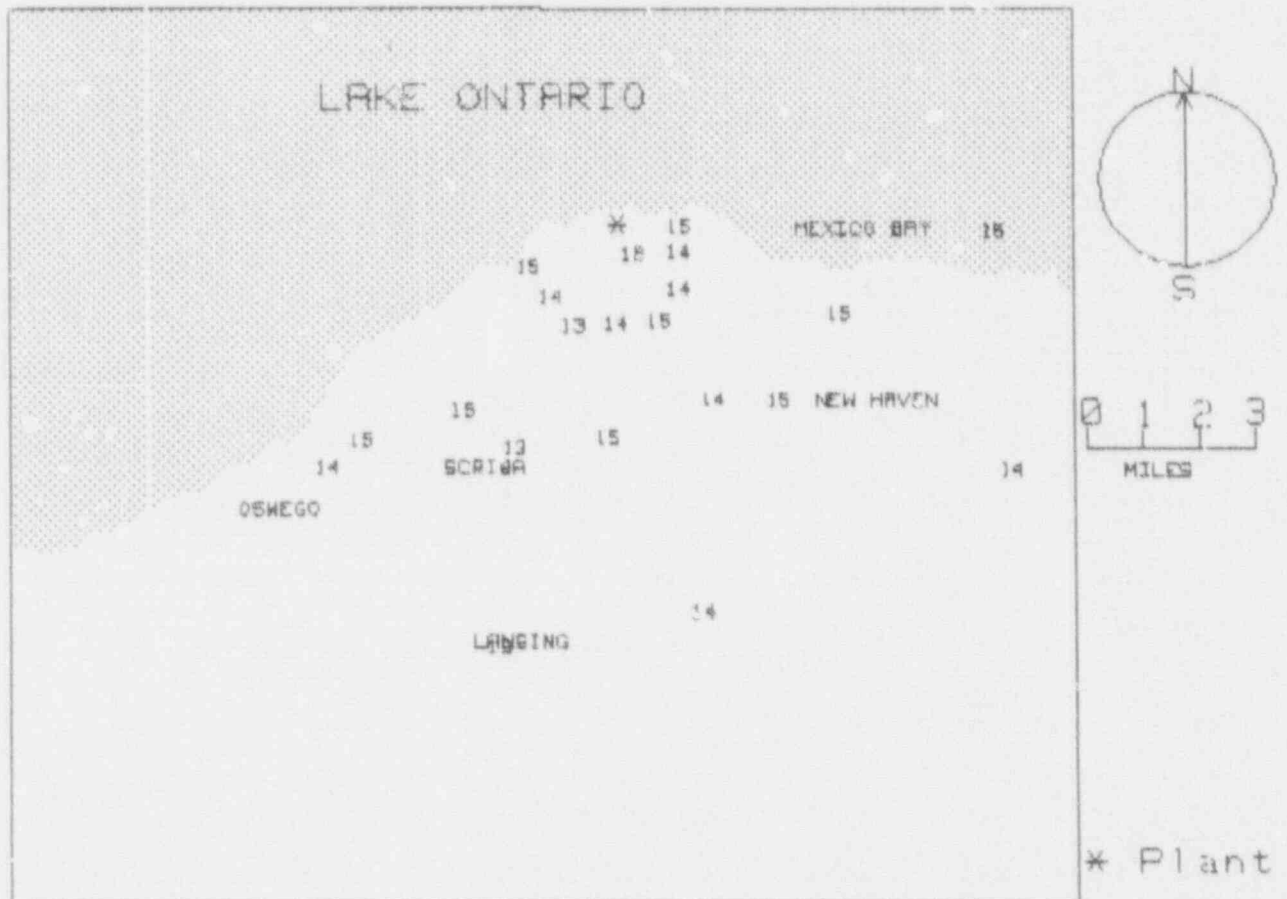
For the period 920313-920723

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	14.3 +- 0.0	1
78.76 - 101.25 E	15.4 +- 0.6	2
101.26 - 123.75 ESE	14.5 +- 0.5	3
123.76 - 146.25 SE	14.6 +- 0.3	2
146.26 - 168.75 SSE	14.5 +- 0.8	4
168.76 - 191.25 S	14.8 +- 0.5	3
191.26 - 213.75 SSW	13.3 +- 0.1	3
213.76 - 236.25 SW	14.5 +- 0.6	4
236.26 - 258.75 WSW	14.8 +- 0.0	1
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.4 +- 0.7	9
2 - 5	14.4 +- 0.7	6
> 5	14.6 +- 0.8	8
Upwind Control	14.4 +- 0.1	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 920309-920728 142 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	358 2.0	Missing Dosimeter	No Net Data	19.0 +- 2.9
2	351 4.6	25.8 +- 0.8; 3.9	19.5 +- 0.9; 5.0	19.7 +- 3.0
3	30 2.5	25.9 +- 0.8; 3.9	19.6 +- 0.9; 5.0	19.5 +- 2.9
4	27 4.6	25.7 +- 0.8; 3.8	19.4 +- 0.9; 5.0	20.1 +- 1.8
5	53 1.9	25.7 +- 0.8; 3.9	19.5 +- 0.9; 5.0	19.2 +- 2.7
6	37 3.9	26.9 +- 0.8; 4.0	20.6 +- 0.9; 5.1	20.0 +- 2.7
7	76 2.3	26.8 +- 0.8; 4.0	20.5 +- 0.9; 5.1	20.4 +- 2.9
8	59 5.2	26.2 +- 0.8; 3.9	20.0 +- 0.9; 5.0	19.5 +- 3.0
9	100 2.3	24.9 +- 0.7; 3.7	18.6 +- 0.9; 4.9	17.8 +- 2.9
10	88 5.6	30.0 +- 0.9; 4.5	23.7 +- 1.0; 5.5	20.3 +- 2.9
11	122 2.3	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	19.8 +- 2.1
12	105 5.7	24.7 +- 0.7; 3.7	18.4 +- 0.8; 4.9	19.2 +- 2.6
13	145 1.9	28.4 +- 0.9; 4.3	22.1 +- 0.9; 5.3	20.3 +- 2.3
14	128 5.5	25.7 +- 0.8; 3.9	19.4 +- 0.9; 5.0	20.0 +- 3.1
15	157 1.9	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	21.0 +- 2.6
16	150 4.9	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	20.5 +- 2.7
17	173 0.5	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	20.1 +- 3.1
18	173 5.3	28.3 +- 0.8; 4.2	22.0 +- 0.9; 5.3	21.2 +- 2.7
19	212 2.5	28.9 +- 0.9; 4.3	22.7 +- 1.0; 5.4	22.6 +- 2.8
20	204 5.3	28.5 +- 0.9; 4.3	22.2 +- 0.9; 5.3	21.3 +- 2.7
21	233 2.0	29.1 +- 0.9; 4.4	22.8 +- 1.0; 5.4	21.6 +- 2.8
22	224 4.6	29.3 +- 0.9; 4.4	23.0 +- 1.0; 5.4	21.8 +- 2.8
23	239 0.6	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	20.1 +- 2.8
24	243 6.9	24.5 +- 0.7; 3.7	18.2 +- 0.8; 4.8	18.6 +- 2.7
25	269 3.3	26.9 +- 0.8; 4.0	20.6 +- 0.9; 5.1	22.0 +- 3.3
26	262 5.9	28.6 +- 0.9; 4.3	22.3 +- 1.0; 5.3	22.2 +- 2.8
27	350 3.0	24.5 +- 0.7; 3.7	18.2 +- 0.8; 4.8	19.5 +- 4.5
28	292 5.0	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	20.3 +- 2.6
29	311 2.4	26.9 +- 0.8; 4.0	20.6 +- 0.9; 5.1	20.5 +- 2.8
30	310 5.5	27.6 +- 0.8; 4.1	21.3 +- 0.9; 5.2	21.0 +- 2.6
31	340 2.3	24.9 +- 0.7; 3.7	18.7 +- 0.9; 4.9	19.8 +- 3.1
32	338 5.3	Missing Dosimeter	No Net Data	20.3 +- 2.8
33	182 0.5	26.7 +- 0.8; 4.0	20.4 +- 0.9; 5.1	20.1 +- 2.6
35	127 2.2	25.4 +- 0.8; 3.8	19.1 +- 0.9; 4.9	18.7 +- 2.1
39	150 5.0	26.0 +- 0.8; 3.9	19.7 +- 0.9; 5.0	18.5 +- 2.1
40	73 9.5	Missing Dosimeter	No Net Data	20.5 +- 3.1
43	29 8.0	25.8 +- 0.8; 3.9	19.6 +- 0.9; 5.0	19.0 +- 3.2
44	65 3.5	24.2 +- 0.7; 3.6	17.9 +- 0.8; 4.8	18.0 +- 2.8
45	182 4.2	26.6 +- 0.8; 4.0	20.3 +- 0.9; 5.1	20.7 +- 2.5
47	298 4.5	26.2 +- 0.8; 3.9	19.9 +- 0.9; 5.0	20.0 +- 3.0
48	13 14.0	26.9 +- 0.8; 4.0	20.7 +- 0.9; 5.1	19.6 +- 1.9
49	207 18.0	27.8 +- 0.8; 4.2	21.5 +- 0.9; 5.2	21.0 +- 3.2

Transit Dose = 6.3 +- 0.4; 3.1

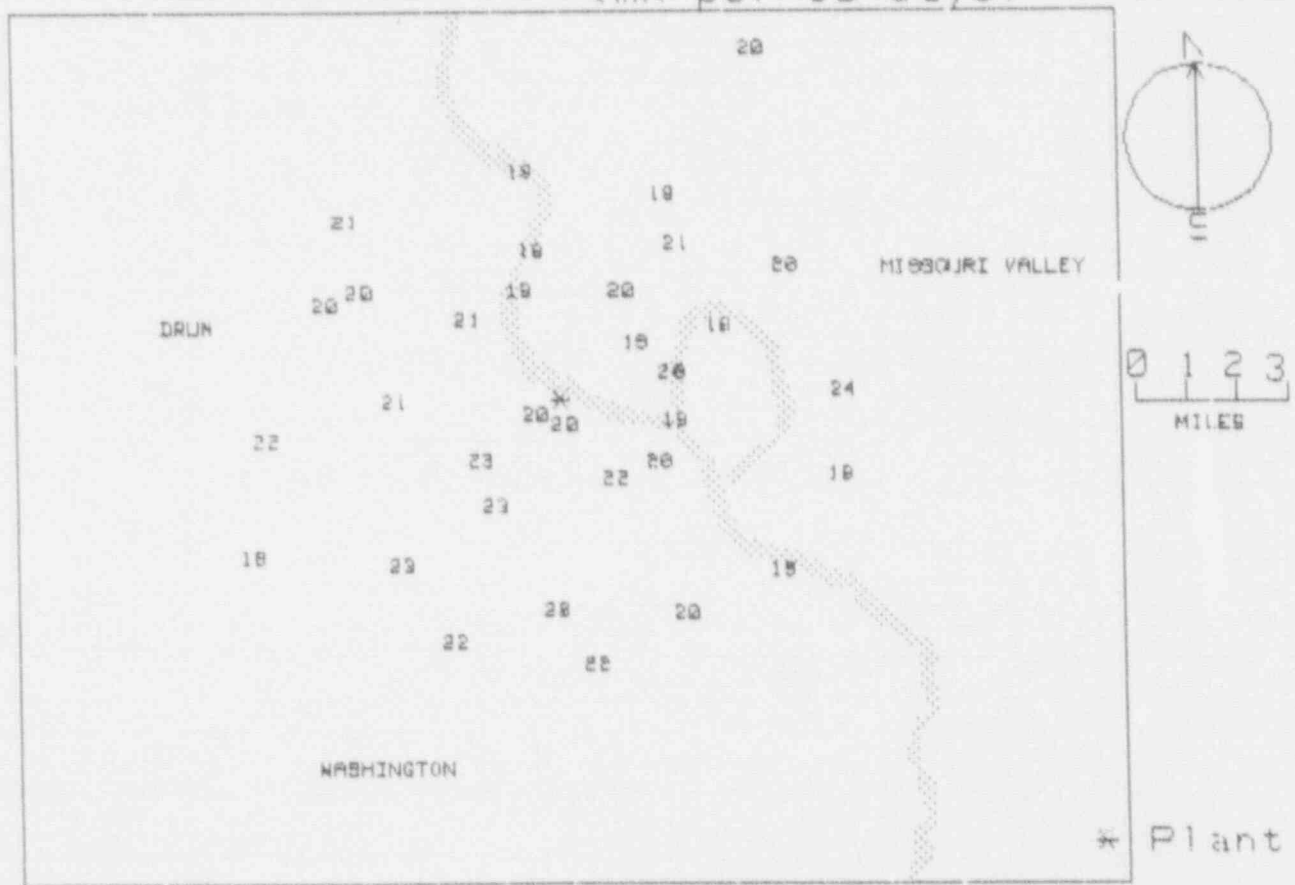
FORT CALHOUN
For the period 920309-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.8 +- 0.9	2
11.26 - 33.75 NNE	19.5 +- 0.1	3
33.76 - 56.25 NE	20.0 +- 0.8	2
56.26 - 78.75 ENE	19.5 +- 1.4	3
78.76 - 101.25 E	21.1 +- 3.6	2
101.26 - 123.75 ESE	19.4 +- 1.4	2
123.76 - 146.25 SE	20.2 +- 1.6	3
146.26 - 168.75 SSE	20.2 +- 0.4	3
168.76 - 191.25 S	20.8 +- 0.8	4
191.26 - 213.75 SSW	22.4 +- 0.3	2
213.76 - 236.25 SW	22.9 +- 0.2	2
236.26 - 258.75 WSW	19.3 +- 1.6	2
258.76 - 281.25 W	21.5 +- 1.2	2
281.26 - 303.75 WNW	20.2 +- 0.4	2
303.76 - 326.25 NW	21.0 +- 0.5	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	20.9 +- 1.2	7
2 - 5	20.0 +- 1.3	20
> 5	20.7 +- 1.9	10
Upwind Control	21.1 +- 0.6	2

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



FORT ST. VRAIN
 TLD Direct Radiation Environmental Monitoring
 For the period 920309-920721 135 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	8	0.8	40.2 +- 1.2; 6.0	31.7 +- 1.4; 7.3	30.0 +- 3.4
2	2	3.3	40.1 +- 1.2; 6.0	31.6 +- 1.4; 7.3	29.3 +- 3.5
3	29	2.6	39.1 +- 1.2; 5.9	30.6 +- 1.4; 7.2	30.0 +- 3.7
4	17	5.4	40.1 +- 1.2; 6.0	31.6 +- 1.4; 7.3	30.1 +- 3.8
5	54	2.1	38.5 +- 1.2; 5.8	30.0 +- 1.3; 7.1	28.7 +- 3.8
6	48	4.8	39.6 +- 1.2; 5.9	31.1 +- 1.4; 7.3	30.9 +- 3.4
7	76	2.6	39.3 +- 1.2; 5.9	30.8 +- 1.4; 7.2	31.9 +- 3.7
8	58	4.2	39.9 +- 1.2; 6.0	31.4 +- 1.4; 7.3	30.4 +- 3.4
9	100	1.5	39.1 +- 1.2; 5.9	30.6 +- 1.4; 7.2	30.8 +- 3.5
10	87	4.5	38.8 +- 1.2; 5.8	30.2 +- 1.3; 7.1	29.2 +- 3.3
11	118	1.6	41.3 +- 1.2; 6.2	32.9 +- 1.4; 7.5	33.2 +- 3.7
12	104	3.0	39.6 +- 1.2; 5.9	31.1 +- 1.4; 7.3	32.6 +- 3.3
13	143	1.6	41.0 +- 1.2; 6.1	32.5 +- 1.4; 7.5	30.8 +- 3.5
14	128	4.5	40.1 +- 1.2; 6.0	31.7 +- 1.4; 7.3	30.8 +- 3.1
15	168	2.3	36.4 +- 1.1; 5.5	27.7 +- 1.3; 6.8	28.5 +- 3.3
16	148	4.6	38.2 +- 1.1; 5.7	29.6 +- 1.3; 7.1	28.6 +- 3.4
17	182	0.8	38.3 +- 1.1; 5.7	29.7 +- 1.3; 7.1	30.5 +- 3.4
18	175	4.8	38.0 +- 1.1; 5.7	29.4 +- 1.3; 7.0	31.1 +- 3.6
19	210	0.9	40.2 +- 1.2; 6.0	31.7 +- 1.4; 7.3	31.2 +- 3.3
20	200	2.9	38.1 +- 1.1; 5.7	29.5 +- 1.3; 7.1	30.8 +- 3.8
21	234	1.3	40.7 +- 1.2; 6.1	32.2 +- 1.4; 7.4	31.5 +- 3.4
22	216	3.3	39.2 +- 1.2; 5.9	30.7 +- 1.4; 7.2	28.6 +- 3.3
23	254	2.5	38.5 +- 1.2; 5.8	29.9 +- 1.3; 7.1	29.3 +- 3.4
24	244	3.8	37.7 +- 1.1; 5.7	29.1 +- 1.3; 7.0	29.4 +- 3.4
25	278	1.5	39.3 +- 1.2; 5.9	30.7 +- 1.4; 7.2	28.4 +- 3.0
26	263	5.4	38.5 +- 1.2; 5.8	29.9 +- 1.3; 7.1	29.6 +- 3.7
27	297	1.7	38.3 +- 1.1; 5.7	29.7 +- 1.3; 7.1	28.4 +- 3.6
28	284	5.6	38.6 +- 1.2; 5.8	30.0 +- 1.3; 7.1	29.3 +- 3.1
29	317	0.9	36.4 +- 1.1; 5.5	27.7 +- 1.3; 6.8	28.8 +- 3.4
30	305	4.2	34.4 +- 1.0; 5.2	25.6 +- 1.2; 6.6	27.5 +- 3.3
31	338	1.4	37.9 +- 1.1; 5.7	29.3 +- 1.3; 7.0	28.9 +- 3.5
32	330	5.0	35.9 +- 1.1; 5.4	27.2 +- 1.3; 6.8	26.4 +- 3.5
33	267	6.5	36.5 +- 1.1; 5.5	27.8 +- 1.3; 6.8	30.0 +- 3.9
34	130	3.7	Missing Dosimeter	No Net Data	29.4 +- 3.5
35	270	0.1	36.0 +- 1.1; 5.4	27.3 +- 1.3; 6.8	28.8 +- 3.7
38	345	6.7	38.5 +- 1.2; 5.8	29.9 +- 1.3; 7.1	30.7 +- 3.6
39	10	6.0	36.3 +- 1.1; 5.4	27.6 +- 1.3; 6.8	29.2 +- 3.8
40	63	6.0	35.2 +- 1.1; 5.3	26.5 +- 1.2; 6.7	29.2 +- 3.7
41	165	12.0	41.1 +- 1.2; 6.2	32.7 +- 1.4; 7.5	32.0 +- 3.1
42	248	13.0	40.7 +- 1.2; 6.1	32.2 +- 1.4; 7.4	33.6 +- 4.0
45	198	11.0	39.3 +- 1.2; 5.9	30.8 +- 1.4; 7.2	30.1 +- 3.4
46	39	16.0	36.7 +- 1.1; 5.5	28.1 +- 1.3; 6.9	28.3 +- 3.6
47	357	17.0	34.4 +- 1.0; 5.2	25.6 +- 1.2; 6.6	27.0 +- 3.6
48	171	18.0	40.3 +- 1.2; 6.0	31.8 +- 1.4; 7.4	30.4 +- 3.4
49	360	0.5	40.4 +- 1.2; 6.1	32.0 +- 1.4; 7.4	32.3 +- 3.4

Transit Dose = 10.2 +- 0.5; 3.4

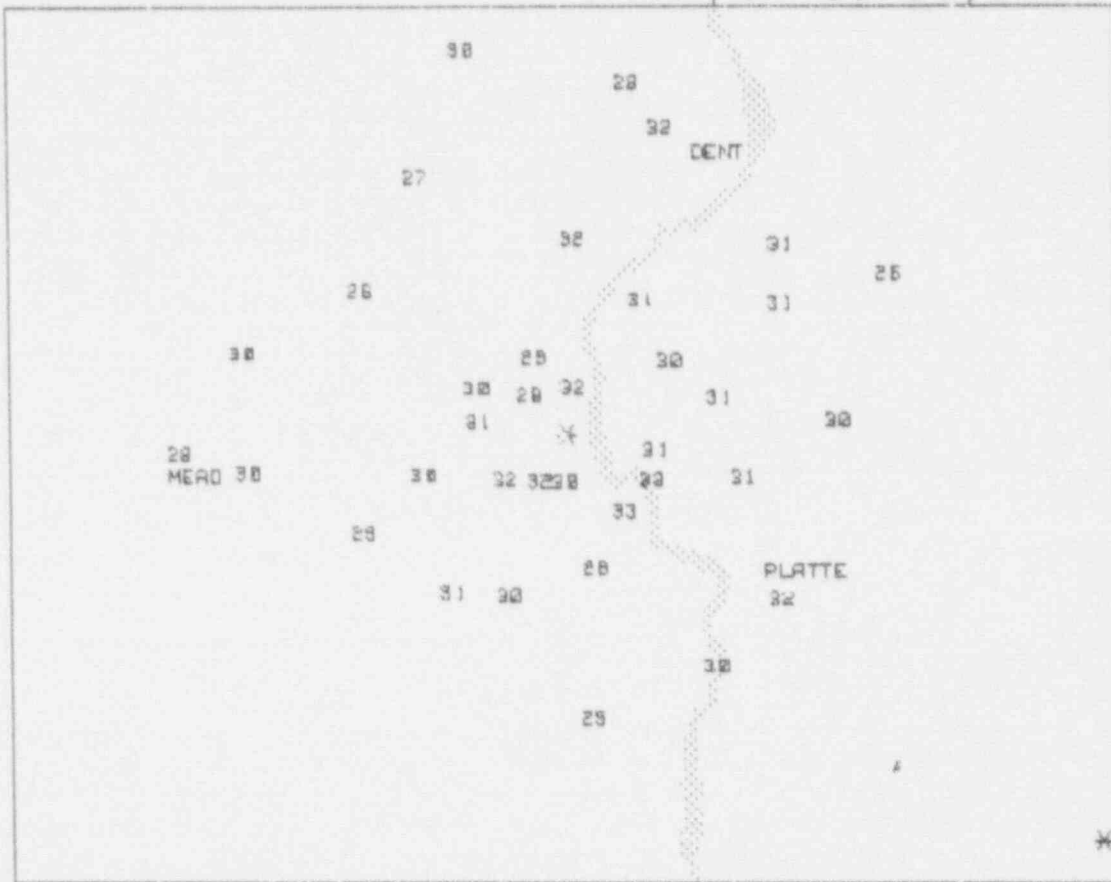
FORT ST. VRAIN
For the period 920309-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	30.3 +- 2.4	3
11.26 - 33.75 NNE	31.1 +- 0.8	2
33.76 - 56.25 NE	29.7 +- 1.5	3
56.26 - 78.75 ENE	29.6 +- 2.7	3
78.76 - 101.25 E	30.4 +- 0.3	2
101.26 - 123.75 ESE	32.0 +- 1.3	2
123.76 - 146.25 SE	32.1 +- 0.6	2
146.26 - 168.75 SSE	30.0 +- 2.5	3
168.76 - 191.25 S	29.6 +- 0.2	2
191.26 - 213.75 SSW	30.7 +- 1.1	3
213.76 - 236.25 SW	31.4 +- 1.1	2
236.26 - 258.75 WSW	30.4 +- 1.6	3
258.76 - 281.25 W	28.9 +- 1.7	4
281.26 - 303.75 WNW	29.9 +- 0.2	2
303.76 - 326.25 NW	26.6 +- 1.5	2
326.26 - 348.75 NNW	28.8 +- 1.4	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	30.5 +- 1.8	12
2 - 5	29.8 +- 1.6	18
> 5	29.7 +- 2.0	11
Upwind Control	29.8 +- 3.6	3

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



GINNA

TLD Direct Radiation Environmental Monitoring

For the period 920313-920723 133 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	95 1.7	18.2 +- 0.5; 2.7	14.1 +- 0.6; 3.7	15.2 +- 1.2
2	108 1.1	18.8 +- 0.6; 2.8	14.6 +- 0.6; 3.8	14.9 +- 1.5
3	142 1.7	18.9 +- 0.6; 2.8	14.7 +- 0.6; 3.8	14.8 +- 1.8
4	154 1.5	18.9 +- 0.6; 2.8	14.7 +- 0.6; 3.8	15.5 +- 1.9
5	174 1.4	18.3 +- 0.5; 2.7	14.1 +- 0.6; 3.7	15.7 +- 1.9
6	212 1.6	17.5 +- 0.5; 2.6	13.5 +- 0.6; 3.7	14.6 +- 1.7
7	244 0.9	17.8 +- 0.5; 2.7	13.7 +- 0.6; 3.7	14.4 +- 1.8
8	230 0.6	18.6 +- 0.6; 2.8	14.4 +- 0.6; 3.8	15.6 +- 2.0
10	266 1.5	19.0 +- 0.6; 2.9	14.8 +- 0.6; 3.8	15.0 +- 1.7
11	264 4.6	20.3 +- 0.6; 3.0	16.0 +- 0.6; 3.9	16.2 +- 1.1
12	245 3.8	19.1 +- 0.6; 2.9	14.9 +- 0.6; 3.8	14.8 +- 1.9
13	235 4.2	17.0 +- 0.5; 2.5	13.0 +- 0.5; 3.6	14.3 +- 1.5
14	200 3.8	17.8 +- 0.5; 2.7	13.7 +- 0.6; 3.7	14.2 +- 1.8
15	178 3.4	20.5 +- 0.6; 3.1	16.2 +- 0.6; 3.9	14.9 +- 1.5
16	160 3.7	17.4 +- 0.5; 2.6	13.3 +- 0.6; 3.7	14.1 +- 1.9
17	134 3.8	16.7 +- 0.5; 2.5	12.7 +- 0.5; 3.6	14.3 +- 1.6
18	115 4.3	18.0 +- 0.5; 2.7	13.9 +- 0.6; 3.7	15.3 +- 1.4
19	88 4.0	15.9 +- 0.5; 2.4	12.0 +- 0.5; 3.5	14.4 +- 1.6
20	90 6.2	18.9 +- 0.6; 2.8	14.7 +- 0.6; 3.8	13.4 +- 1.6
21	123 7.6	16.9 +- 0.5; 2.5	12.9 +- 0.5; 3.6	13.7 +- 1.8
22	151 11.0	17.8 +- 0.5; 2.7	13.7 +- 0.6; 3.7	14.1 +- 1.6
23	105 12.0	18.3 +- 0.5; 2.7	14.1 +- 0.6; 3.7	14.9 +- 2.1
24	212 14.0	24.0 +- 0.7; 3.6	19.3 +- 0.7; 4.3	18.3 +- 1.3
25	223 13.0	18.0 +- 0.5; 2.7	13.8 +- 0.6; 3.7	14.4 +- 2.1
26	242 16.0	19.5 +- 0.6; 2.9	15.2 +- 0.6; 3.8	16.1 +- 1.4
27	254 14.0	20.1 +- 0.6; 3.0	15.7 +- 0.6; 3.9	16.1 +- 1.7
28	234 6.9	17.5 +- 0.5; 2.6	13.4 +- 0.6; 3.7	14.6 +- 1.6
29	185 0.3	19.4 +- 0.6; 2.9	15.2 +- 0.6; 3.8	15.8 +- 1.3
30	264 15.0	17.6 +- 0.5; 2.6	13.5 +- 0.6; 3.7	14.1 +- 1.8

Transit Dose = 2.6 +- 0.3; 3.1

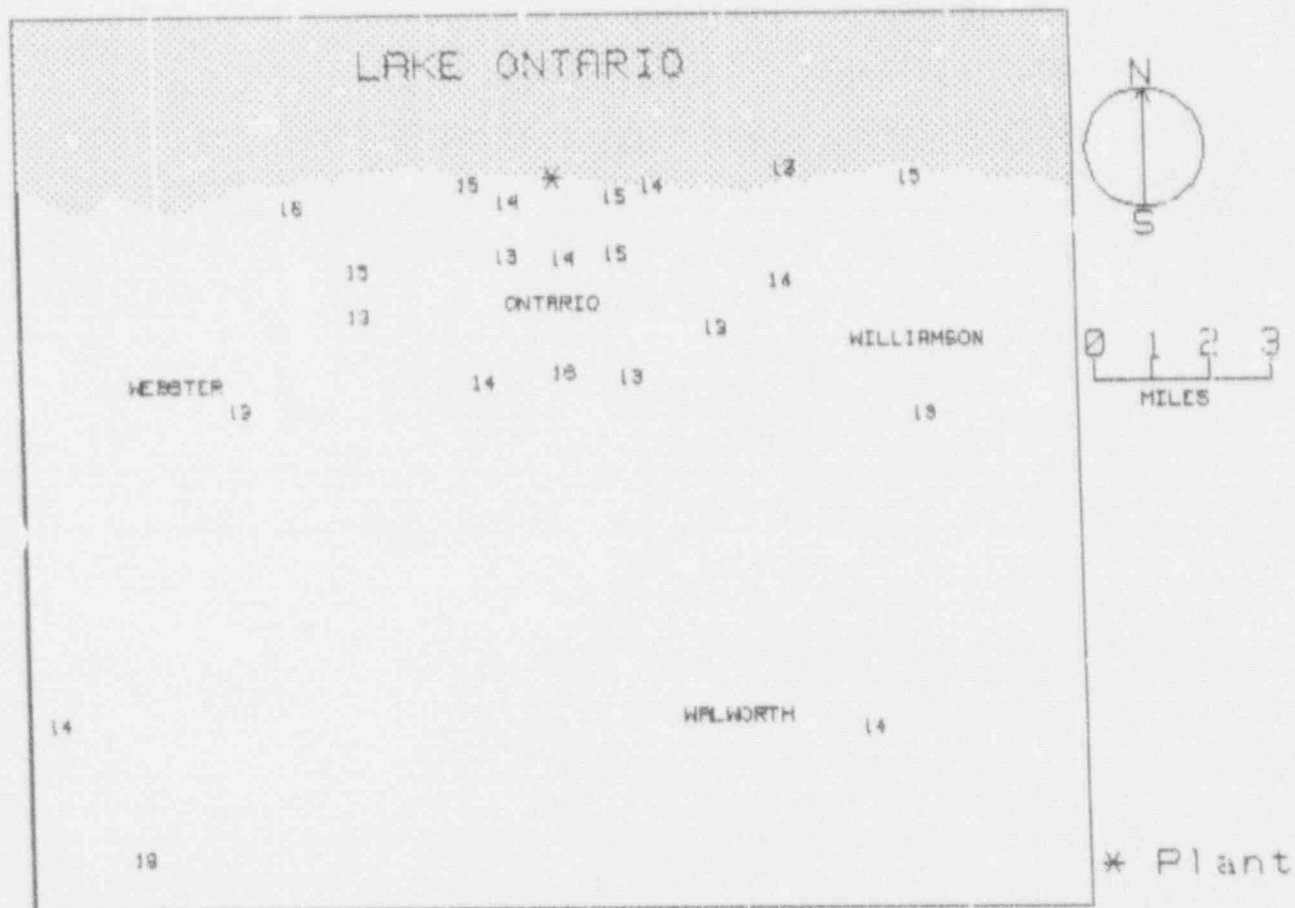
GINNA
For the period 920313-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	13.6 +- 1.4	3
101.26 - 123.75 ESE	13.9 +- 0.7	4
123.76 - 146.25 SE	13.7 +- 1.4	2
146.26 - 168.75 SSE	13.9 +- 0.7	3
163.76 - 191.25 S	15.2 +- 1.0	3
191.26 - 213.75 SSW	15.5 +- 3.3	3
213.76 - 236.25 SW	13.7 +- 0.6	4
236.26 - 258.75 WSW	14.3 +- 0.8	2
258.76 - 281.25 W	15.4 +- 0.8	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	14.4 +- 0.5	10
2 - 5	13.9 +- 1.4	9
> 5	14.6 +- 2.2	7
Upwind Control	14.8 +- 1.1	3

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



GRAND GULF

TLD Direct Radiation Environmental Monitoring

For the period 920312-920716 127 Days

Field Time: 92 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		Hist. Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+Rdm; Tot.		+Rdm; Tot.		+1 Std Dev	
1	337	2.0	19.5	+ 0.6; 2.9	14.8	+ 0.7; 4.1	17.2	+ 1.0
2	351	1.6	20.0	+ 0.6; 3.0	15.2	+ 0.7; 4.2	14.8	+ 1.7
3	20	1.5	21.7	+ 0.6; 3.2	16.8	+ 0.7; 4.3	17.4	+ 2.0
4	51	2.3	21.3	+ 0.6; 3.2	16.5	+ 0.7; 4.3	16.4	+ 1.9
5	68	2.7	21.8	+ 0.7; 3.3	17.0	+ 0.7; 4.4	17.6	+ 1.9
6	47	4.1	18.7	+ 0.6; 2.8	13.9	+ 0.7; 4.0	15.9	+ 1.8
7	66	4.9	24.2	+ 0.7; 3.6	19.4	+ 0.8; 4.6	18.9	+ 1.8
8	91	3.2	23.4	+ 0.7; 3.5	18.5	+ 0.8; 4.5	18.8	+ 1.7
9	81	1.0	23.4	+ 0.7; 3.5	18.6	+ 0.8; 4.5	17.0	+ 1.9
10	109	0.6	23.4	+ 0.7; 3.5	18.5	+ 0.8; 4.5	18.8	+ 1.7
11	139	0.8	24.8	+ 0.7; 3.7	19.9	+ 0.8; 4.7	18.5	+ 1.8
12	185	1.6	22.9	+ 0.7; 3.4	18.1	+ 0.8; 4.5	17.7	+ 1.8
13	207	1.9	24.1	+ 0.7; 3.6	19.3	+ 0.8; 4.6	18.6	+ 1.9
14	247	1.5	23.0	+ 0.7; 3.5	18.2	+ 0.8; 4.5	19.0	+ 6.2
15	130	4.2	23.4	+ 0.7; 3.5	18.5	+ 0.8; 4.5	18.4	+ 1.7
16	122	4.8	23.0	+ 0.7; 3.4	18.1	+ 0.8; 4.5	18.3	+ 1.6
17	135	5.3	21.6	+ 0.6; 3.2	16.8	+ 0.7; 4.3	17.0	+ 1.7
18	147	4.3	20.3	+ 0.6; 3.1	15.6	+ 0.7; 4.2	15.3	+ 1.5
19	224	6.8	23.1	+ 0.7; 3.5	18.3	+ 0.8; 4.5	18.6	+ 1.5
20	172	3.6	22.1	+ 0.7; 3.3	17.3	+ 0.7; 4.4	16.4	+ 1.7
21	291	12.0	21.9	+ 0.7; 3.3	17.1	+ 0.7; 4.4	16.6	+ 1.6
22	332	8.0	23.1	+ 0.7; 3.5	18.2	+ 0.8; 4.5	19.3	+ 1.9
23	310	7.9	17.8	+ 0.5; 2.7	13.1	+ 0.6; 4.0	16.3	+ 2.6
24	281	7.0	20.6	+ 0.6; 3.1	15.8	+ 0.7; 4.2	16.4	+ 1.7
25	291	4.8	22.9	+ 0.7; 3.4	18.1	+ 0.8; 4.5	17.9	+ 1.8
26	248	9.5	22.6	+ 0.7; 3.4	17.7	+ 0.8; 4.4	16.7	+ 1.8
27	239	13.0	19.7	+ 0.6; 3.0	15.0	+ 0.7; 4.1	16.0	+ 1.7
29	90	0.9	22.8	+ 0.7; 3.4	17.9	+ 0.8; 4.5	17.4	+ 1.7
30	67	51.0	18.7	+ 0.6; 2.8	13.9	+ 0.7; 4.0	14.3	+ 1.4
31	67	51.0	17.8	+ 0.5; 2.7	13.1	+ 0.6; 4.0	14.4	+ 2.1
32	67	51.0	18.0	+ 0.5; 2.7	13.3	+ 0.6; 4.0	14.2	+ 1.6
33	206	4.8	22.3	+ 0.7; 3.3	17.4	+ 0.7; 4.4	18.2	+ 2.0

Transit Dose = 4.4 +- 0.4; 3.0

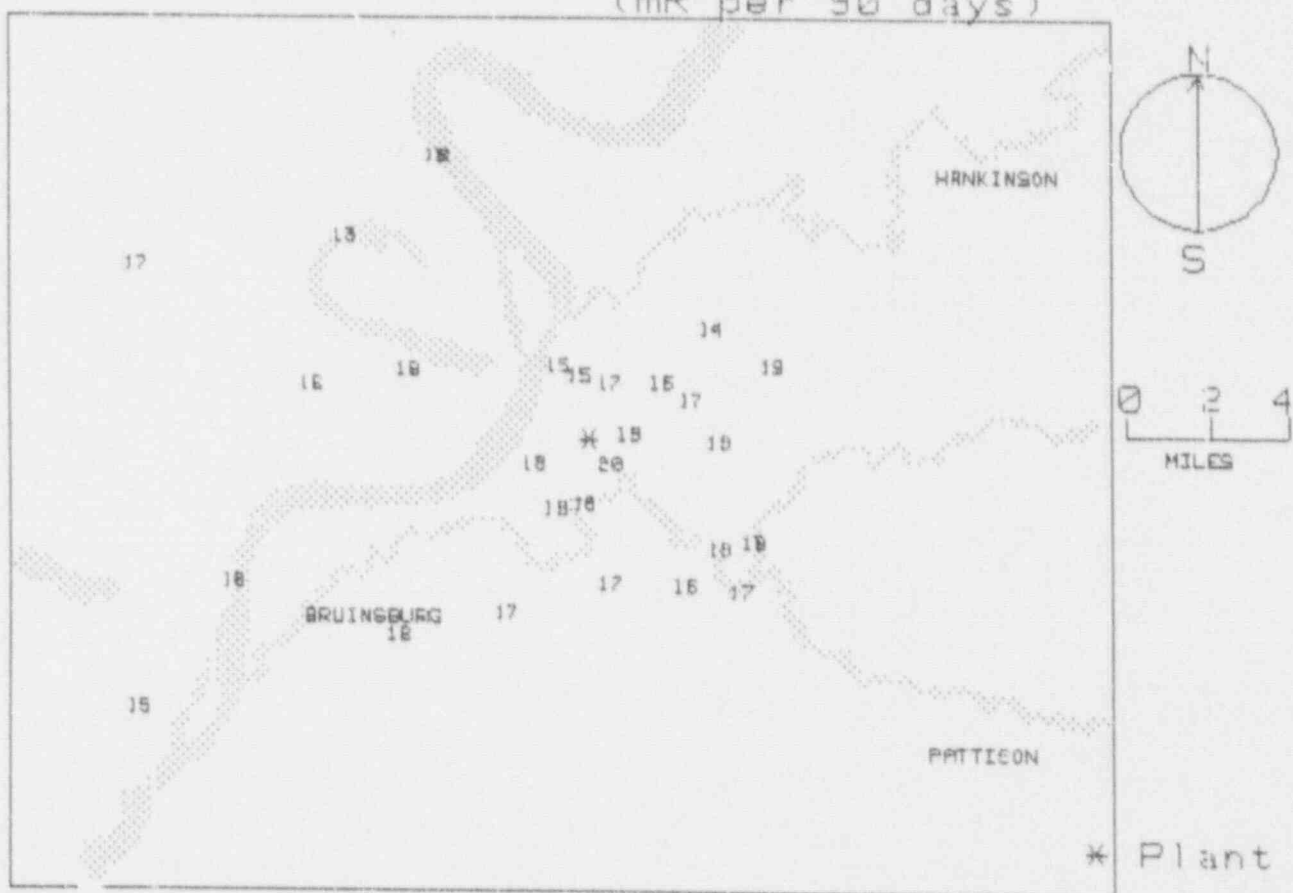
GRAND GULF
For the period 920312-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.2 +- 0.0	1
11.26 - 33.75 NNE	16.8 +- 0.0	1
33.76 - 56.25 NE	15.2 +- 1.8	2
56.26 - 78.75 ENE	18.2 +- 1.7	2
78.76 - 101.25 E	18.3 +- 0.4	3
101.26 - 123.75 ESE	18.3 +- 0.3	2
123.76 - 146.25 SE	18.4 +- 1.5	3
146.26 - 168.75 SSE	15.6 +- 0.0	1
168.76 - 191.25 S	17.7 +- 0.6	2
191.26 - 213.75 SSW	18.4 +- 1.3	2
213.76 - 236.25 SW	18.3 +- 0.0	1
236.26 - 258.75 WSW	16.9 +- 1.7	3
258.76 - 281.25 W	15.8 +- 0.0	1
281.26 - 303.75 WNW	17.6 +- 0.7	2
303.76 - 326.25 NW	13.1 +- 0.0	1
326.26 - 348.75 NNW	16.5 +- 2.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.7 +- 1.7	10
2 - 5	17.3 +- 1.5	11
> 5	16.5 +- 1.8	8
Upwind Control	13.4 +- 0.4	3

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



HADDAM NECK

TLD Direct Radiation Environmental Monitoring

For the period 920314-920716 125 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
2	17	2.6	23.2 +- 0.7; 3.5	20.5 +- 0.8; 4.6	18.7 +- 1.9
3	45	1.9	24.3 +- 0.7; 3.6	21.6 +- 0.8; 4.8	18.2 +- 2.7
4	67	2.3	22.8 +- 0.7; 3.4	20.1 +- 0.8; 4.6	17.5 +- 1.6
5	93	1.6	20.5 +- 0.6; 3.1	17.7 +- 0.7; 4.3	15.9 +- 1.7
6	115	2.3	20.2 +- 0.6; 3.0	17.4 +- 0.7; 4.3	15.5 +- 1.8
7	143	1.9	21.0 +- 0.6; 3.2	18.3 +- 0.7; 4.4	17.5 +- 2.0
8	165	0.9	20.1 +- 0.6; 3.0	17.3 +- 0.7; 4.3	16.7 +- 1.4
9	174	1.3	22.1 +- 0.7; 3.3	19.4 +- 0.8; 4.5	18.0 +- 2.0
10	195	0.7	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.2	16.0 +- 1.7
12	241	0.8	20.7 +- 0.6; 3.1	17.9 +- 0.7; 4.3	17.0 +- 1.6
13	263	0.8	20.1 +- 0.6; 3.0	17.3 +- 0.7; 4.3	15.8 +- 1.8
14	290	1.9	21.6 +- 0.6; 3.2	18.8 +- 0.7; 4.4	17.5 +- 1.8
15	311	1.5	19.4 +- 0.6; 2.9	16.5 +- 0.7; 4.2	15.2 +- 1.7
16	341	1.3	21.0 +- 0.6; 3.1	18.2 +- 0.7; 4.4	16.6 +- 1.7
17	360	2.3	23.7 +- 0.7; 3.6	21.0 +- 0.8; 4.7	19.3 +- 1.8
18	222	2.5	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.2	15.9 +- 1.7
19	269	3.0	19.9 +- 0.6; 3.0	17.1 +- 0.7; 4.2	15.9 +- 1.9
20	66	3.2	20.3 +- 0.6; 3.0	17.5 +- 0.7; 4.3	16.3 +- 1.7
21	91	2.8	21.3 +- 0.6; 3.2	18.5 +- 0.7; 4.4	18.0 +- 2.0
22	112	3.2	19.9 +- 0.6; 3.0	17.1 +- 0.7; 4.2	16.7 +- 2.0
23	137	2.9	21.5 +- 0.6; 3.2	18.7 +- 0.7; 4.4	16.2 +- 2.1
24	105	7.1	19.9 +- 0.6; 3.0	17.1 +- 0.7; 4.2	15.7 +- 1.5
25	175	5.7	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.2	16.0 +- 1.8
26	196	2.5	20.2 +- 0.6; 3.0	17.4 +- 0.7; 4.3	15.2 +- 1.6
27	225	1.1	21.2 +- 0.6; 3.2	18.4 +- 0.7; 4.4	17.3 +- 2.1
28	250	3.5	19.5 +- 0.6; 2.9	16.7 +- 0.7; 4.2	16.9 +- 2.8
29	340	20.0	21.5 +- 0.6; 3.2	18.8 +- 0.7; 4.4	20.8 +- 4.3
30	286	3.2	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.3	15.8 +- 1.7
31	322	2.7	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.3	17.2 +- 1.8
32	327	2.9	22.7 +- 0.7; 3.4	20.0 +- 0.8; 4.6	18.9 +- 1.8
33	359	6.4	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.3	15.8 +- 1.4
35	54	10.0	21.7 +- 0.7; 3.3	19.0 +- 0.7; 4.4	16.6 +- 1.6
36	72	8.8	23.1 +- 0.7; 3.5	20.4 +- 0.8; 4.6	18.8 +- 1.7
37	149	6.8	18.5 +- 0.6; 2.8	15.7 +- 0.7; 4.1	15.2 +- 1.7
38	158	5.9	18.2 +- 0.5; 2.7	15.3 +- 0.7; 4.0	15.0 +- 1.7
39	267	8.8	20.3 +- 0.6; 3.0	17.5 +- 0.7; 4.3	16.4 +- 1.8
40	303	9.1	21.0 +- 0.6; 3.1	18.2 +- 0.7; 4.4	18.1 +- 1.5
41	313	9.6	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.2	16.1 +- 1.6
42	320	13.0	23.0 +- 0.7; 3.5	20.3 +- 0.8; 4.6	18.1 +- 1.8
43	324	18.0	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.2	15.8 +- 1.5
44	328	15.0	22.4 +- 0.7; 3.4	19.7 +- 0.8; 4.5	17.4 +- 1.8
45	343	18.0	22.4 +- 0.7; 3.4	19.7 +- 0.8; 4.5	18.2 +- 1.9
46	144	5.0	21.9 +- 0.7; 3.3	19.2 +- 0.8; 4.5	17.1 +- 2.1
49	340	20.0	21.9 +- 0.7; 3.3	19.2 +- 0.8; 4.5	17.7 +- 1.9

Transit Dose = 3.4 +- 0.3; 2.8

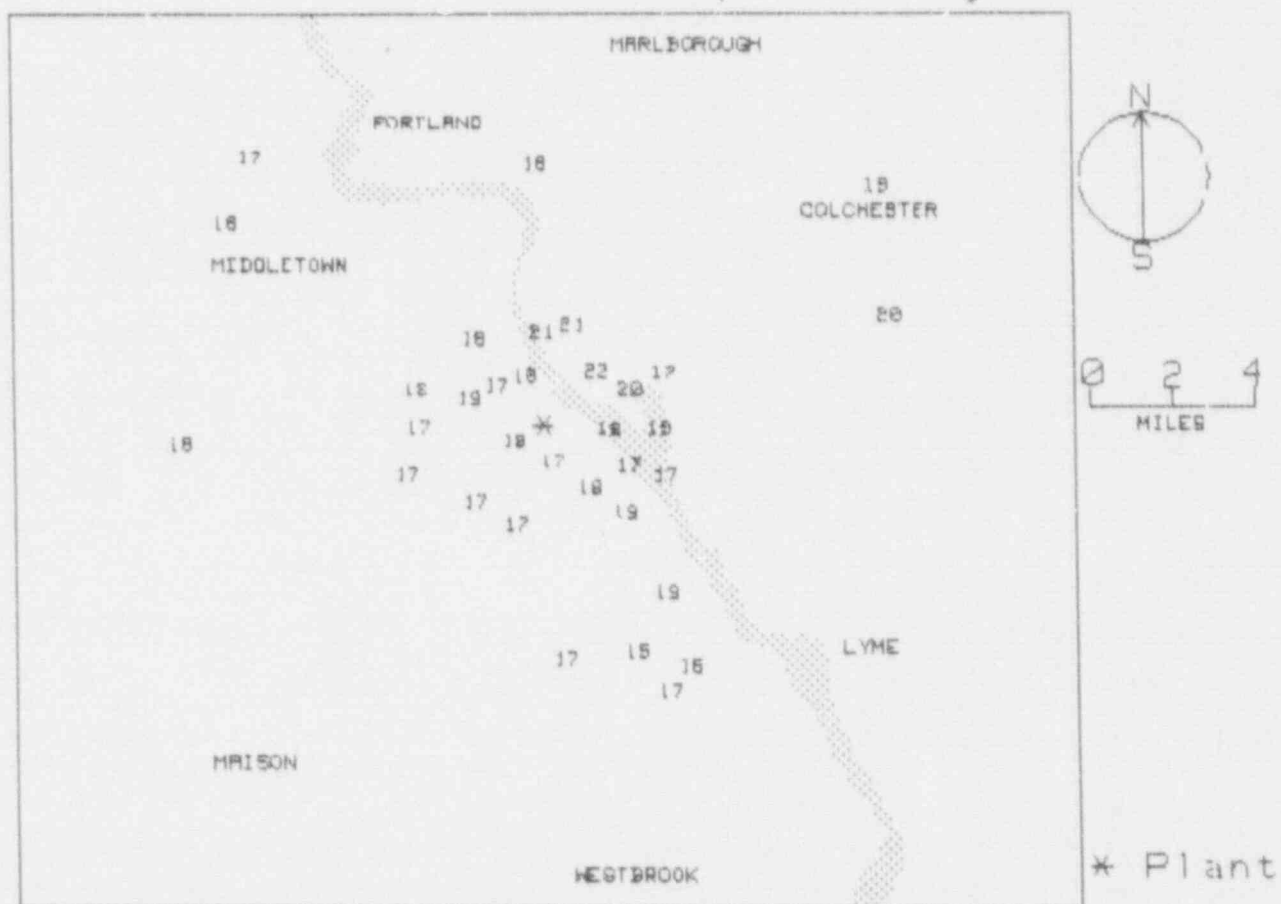
HADDAM NECK
For the period 920314-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.3 +- 2.4	2
11.26 - 33.75 NNE	20.5 +- 0.0	1
33.76 - 56.25 NE	20.3 +- 1.9	2
56.26 - 78.75 ENE	19.3 +- 1.6	3
78.76 - 101.25 E	18.1 +- 0.6	2
101.26 - 123.75 ESE	17.3 +- 0.2	2
123.76 - 146.25 SE	18.7 +- 0.5	3
146.26 - 168.75 SSE	16.3 +- 1.0	4
168.76 - 191.25 S	18.3 +- 1.6	2
191.26 - 213.75 SSW	17.3 +- 0.1	2
213.76 - 236.25 SW	17.8 +- 0.9	2
236.26 - 258.75 WSW	17.3 +- 0.9	2
258.76 - 281.25 W	17.3 +- 0.2	3
281.26 - 303.75 WNW	18.2 +- 0.6	3
303.76 - 326.25 NW	17.8 +- 1.5	5
326.26 - 348.75 NNW	19.3 +- 0.8	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 1.3	12
2 - 5	18.3 +- 1.4	16
> 5	18.0 +- 1.6	15
Upwind Control	19.2 +- 0.0	1

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



HARRIS

TLD Direct Radiation Environmental Monitoring

For the period 920312-920729 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	36	2.6	27.3	+- 0.8;	4.1	19.0	+- 0.9;	4.9	17.4	+- 2.2
2	25	3.2	23.4	+- 0.7;	3.5	15.4	+- 0.8;	4.5	15.1	+- 3.9
3	5	2.5	25.8	+- 0.8;	3.9	17.6	+- 0.8;	4.7	17.5	+- 1.8
4	27	1.5	24.3	+- 0.7;	3.6	16.2	+- 0.8;	4.6	18.7	+- 2.1
5	36	0.9	22.7	+- 0.7;	3.4	14.7	+- 0.7;	4.4	15.1	+- 1.8
6	68	0.8	22.6	+- 0.7;	3.4	14.7	+- 0.7;	4.4	13.1	+- 3.7
7	98	0.7	24.9	+- 0.7;	3.7	16.7	+- 0.8;	4.6	16.1	+- 1.7
8	232	0.7	22.4	+- 0.7;	3.4	14.5	+- 0.7;	4.4	14.3	+- 3.7
9	190	0.8	21.6	+- 0.6;	3.2	13.7	+- 0.7;	4.3	12.7	+- 3.9
10	158	0.7	23.0	+- 0.7;	3.5	15.1	+- 0.8;	4.5	14.2	+- 4.0
11	42	4.7	28.9	+- 0.9;	4.3	20.5	+- 0.9;	5.1	20.3	+- 2.2
12	40	8.6	25.7	+- 0.8;	3.9	17.5	+- 0.8;	4.7	16.7	+- 3.7
13	298	13.0	21.8	+- 0.7;	3.3	13.9	+- 0.7;	4.3	13.9	+- 4.0
14	298	12.0	22.5	+- 0.7;	3.4	14.6	+- 0.7;	4.4	14.6	+- 4.1
15	296	11.0	22.3	+- 0.7;	3.3	14.4	+- 0.7;	4.4	13.1	+- 4.0
16	332	4.8	23.6	+- 0.7;	3.5	15.5	+- 0.8;	4.5	14.7	+- 4.1
17	291	4.5	22.2	+- 0.7;	3.3	14.3	+- 0.7;	4.4	13.8	+- 3.2
18	270	5.1	22.9	+- 0.7;	3.4	14.9	+- 0.7;	4.4	14.6	+- 3.7
19	240	5.1	26.4	+- 0.8;	4.0	18.1	+- 0.8;	4.8	17.0	+- 4.0
20	227	4.8	21.6	+- 0.6;	3.2	13.8	+- 0.7;	4.3	12.6	+- 3.9
21	208	4.8	21.9	+- 0.7;	3.3	14.0	+- 0.7;	4.3	12.5	+- 3.9
22	190	4.6	23.6	+- 0.7;	3.5	15.6	+- 0.8;	4.5	14.5	+- 3.6
23	151	4.8	25.1	+- 0.8;	3.8	17.0	+- 0.8;	4.7	14.2	+- 4.1
24	132	4.7	21.9	+- 0.7;	3.3	14.0	+- 0.7;	4.3	14.1	+- 4.1
25	112	5.0	25.1	+- 0.8;	3.8	16.9	+- 0.8;	4.7	16.1	+- 3.8
26	92	4.6	22.4	+- 0.7;	3.4	14.4	+- 0.7;	4.4	13.1	+- 2.9
27	115	2.8	23.7	+- 0.7;	3.5	15.6	+- 0.8;	4.5	14.8	+- 2.4
28	135	2.3	20.8	+- 0.6;	3.1	13.0	+- 0.7;	4.2	11.8	+- 3.9
29	164	2.2	24.3	+- 0.7;	3.6	16.2	+- 0.8;	4.6	15.2	+- 4.0
30	49	2.2	23.3	+- 0.7;	3.5	15.3	+- 0.8;	4.5	14.5	+- 3.6
31	276	1.8	22.2	+- 0.7;	3.3	14.2	+- 0.7;	4.4	14.3	+- 3.9
32	292	1.7	26.5	+- 0.8;	4.0	18.2	+- 0.8;	4.8	18.1	+- 2.1
33	314	1.4	24.6	+- 0.7;	3.7	16.5	+- 0.8;	4.6	16.4	+- 3.8
34	329	1.3	27.0	+- 0.8;	4.1	18.7	+- 0.8;	4.9	16.4	+- 4.0
35	350	4.5	24.8	+- 0.7;	3.7	16.7	+- 0.8;	4.6	16.8	+- 1.9
36	338	4.4	26.8	+- 0.8;	4.0	18.5	+- 0.8;	4.8	17.4	+- 3.9
37	16	4.9	23.5	+- 0.7;	3.5	15.5	+- 0.8;	4.5	17.0	+- 1.9
38	68	4.8	21.7	+- 0.7;	3.3	13.8	+- 0.7;	4.3	13.3	+- 1.8
39	80	6.9	23.4	+- 0.7;	3.5	15.4	+- 0.8;	4.5	15.4	+- 1.8
40	80	6.9	23.0	+- 0.7;	3.5	15.1	+- 0.8;	4.5	14.7	+- 2.0
41	118	9.7	27.9	+- 0.8;	4.2	19.5	+- 0.9;	5.0	19.2	+- 4.1
42	260	1.1	22.3	+- 0.7;	3.3	14.4	+- 0.7;	4.4	14.3	+- 3.8
43	333	1.7	27.2	+- 0.8;	4.1	18.9	+- 0.9;	4.9	16.1	+- 4.6
44	50	24.0	Missing Dosimeter			No Net Data			20.8	+- 4.1

Transit Dose = 6.6 +- 0.4; 3.4

HARRIS

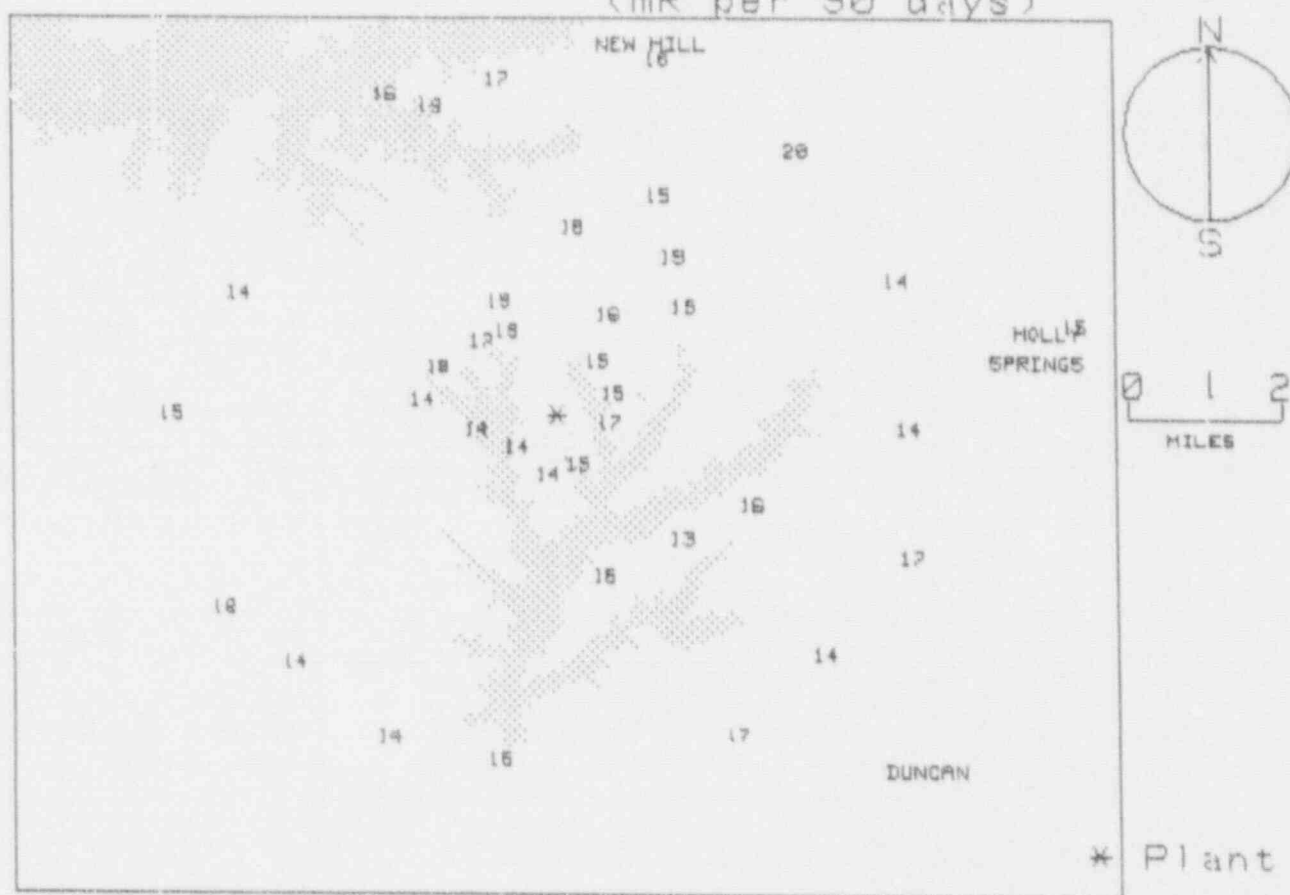
For the period 920312-920729

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.1 +- 0.6	2
11.26 - 33.75 NNE	15.7 +- 0.4	3
33.76 - 56.25 NE	17.4 +- 2.4	5
56.26 - 78.75 ENE	14.3 +- 0.6	2
78.76 - 101.25 E	15.4 +- 1.0	4
101.26 - 123.75 ESE	17.3 +- 2.0	3
123.76 - 146.25 SE	13.5 +- 0.7	2
146.26 - 168.75 SSE	16.1 +- 1.0	3
168.76 - 191.25 S	14.7 +- 1.3	2
191.26 - 213.75 SSW	14.0 +- 0.0	1
213.76 - 236.25 SW	14.1 +- 0.5	2
236.26 - 258.75 WSW	18.1 +- 0.0	1
258.76 - 281.25 W	14.5 +- 0.4	3
281.26 - 303.75 WNW	16.3 +- 2.8	2
303.76 - 326.25 NW	16.5 +- 0.0	1
326.26 - 348.75 NNW	17.9 +- 1.6	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.9 +- 1.8	13
2 - 5	15.8 +- 1.9	21
> 5	16.7 +- 1.9	6
Upwind Control	14.3 +- 0.3	3

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



HATCH

TLD Direct Radiation Environmental Monitoring

For the period 920312-920723 134 Days

Field Time: 92 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 std Dev
1	342	23.0	21.0 +- 0.6; 3.2	14.8 +- 0.7; 4.4	16.3 +- 2.6
2	359	7.7	18.9 +- 0.6; 2.8	12.7 +- 0.7; 4.2	14.3 +- 2.6
3	354	4.5	18.9 +- 0.6; 2.8	12.7 +- 0.7; 4.2	14.2 +- 2.6
4	336	2.9	17.9 +- 0.5; 2.7	11.7 +- 0.7; 4.1	13.3 +- 2.5
5	309	4.6	18.6 +- 0.6; 2.8	12.4 +- 0.7; 4.1	13.6 +- 2.6
6	297	5.6	21.4 +- 0.6; 3.2	15.1 +- 0.7; 4.4	15.7 +- 2.8
7	24	2.8	19.8 +- 0.6; 3.0	13.6 +- 0.7; 4.3	14.0 +- 2.9
8	49	2.0	18.7 +- 0.6; 2.8	12.5 +- 0.7; 4.1	14.0 +- 2.6
9	49	10.0	18.2 +- 0.5; 2.7	12.0 +- 0.7; 4.1	13.8 +- 2.6
10	28	4.8	17.6 +- 0.5; 2.6	11.5 +- 0.7; 4.0	14.5 +- 2.5
11	67	5.0	19.7 +- 0.6; 3.0	13.5 +- 0.7; 4.2	14.4 +- 2.5
12	50	5.1	23.6 +- 0.7; 3.5	17.3 +- 0.8; 4.6	18.4 +- 3.0
13	353	2.0	17.3 +- 0.5; 2.6	11.1 +- 0.6; 4.0	12.7 +- 2.5
14	341	1.6	19.6 +- 0.6; 2.9	13.4 +- 0.7; 4.2	14.8 +- 2.7
15	147	10.0	16.9 +- 0.5; 2.5	10.8 +- 0.6; 4.0	13.1 +- 2.3
16	232	0.9	17.1 +- 0.5; 2.6	10.9 +- 0.6; 4.0	13.3 +- 2.3
17	205	1.6	18.3 +- 0.6; 2.8	12.1 +- 0.7; 4.1	14.4 +- 2.5
18	192	4.2	15.7 +- 0.5; 2.3	9.5 +- 0.6; 3.9	11.9 +- 2.2
19	184	4.2	16.2 +- 0.5; 2.4	10.1 +- 0.6; 3.9	11.5 +- 2.5
20	165	4.6	17.1 +- 0.5; 2.6	10.9 +- 0.6; 4.0	12.3 +- 2.6
21	135	4.4	17.6 +- 0.5; 2.6	11.4 +- 0.7; 4.0	13.0 +- 2.4
22	120	4.1	Missing Dosimeter	No Net Data	14.7 +- 2.7
23	107	3.7	17.3 +- 0.5; 2.6	11.1 +- 0.6; 4.0	13.9 +- 2.4
24	123	14.0	17.3 +- 0.5; 2.6	11.1 +- 0.6; 4.0	12.4 +- 2.4
25	114	12.0	18.4 +- 0.6; 2.8	12.2 +- 0.7; 4.1	13.6 +- 2.4
26	142	1.8	19.8 +- 0.6; 3.0	13.6 +- 0.7; 4.3	14.4 +- 2.7
27	157	2.2	18.4 +- 0.6; 2.8	12.2 +- 0.7; 4.1	13.5 +- 2.4
28	171	0.9	18.7 +- 0.6; 2.8	12.5 +- 0.7; 4.1	14.7 +- 2.3
29	253	1.0	17.9 +- 0.5; 2.7	11.8 +- 0.7; 4.1	13.9 +- 3.6
30	270	1.0	19.0 +- 0.6; 2.8	12.8 +- 0.7; 4.2	15.4 +- 3.2
31	292	1.1	17.4 +- 0.5; 2.6	11.2 +- 0.6; 4.0	14.0 +- 2.5
32	268	4.2	18.5 +- 0.6; 2.8	12.3 +- 0.7; 4.1	13.7 +- 2.4
33	248	4.3	16.7 +- 0.5; 2.5	10.5 +- 0.6; 4.0	12.4 +- 2.6
34	216	4.1	16.2 +- 0.5; 2.4	10.1 +- 0.6; 3.9	11.6 +- 2.5
35	234	12.0	19.5 +- 0.6; 2.9	13.3 +- 0.7; 4.2	13.6 +- 2.5
36	182	10.0	Missing Dosimeter	No Net Data	13.0 +- 3.0
37	177	10.0	17.1 +- 0.5; 2.6	10.9 +- 0.6; 4.0	12.6 +- 2.4
38	323	12.0	19.2 +- 0.6; 2.9	13.0 +- 0.7; 4.2	15.1 +- 2.6
39	321	13.0	19.9 +- 0.6; 3.0	13.7 +- 0.7; 4.3	15.3 +- 2.6
40	323	12.0	20.5 +- 0.6; 3.1	14.3 +- 0.7; 4.3	15.3 +- 2.6

Transit Dose = 5.9 +- 0.4; 3.2

HATCH

For the period 920312-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.2 +- 0.9	3
11.26 - 33.75 NNE	12.5 +- 1.5	2
33.76 - 56.25 NE	13.9 +- 2.9	3
56.26 - 78.75 ENE	13.5 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	11.5 0.6	3
123.76 - 146.25 SE	12.5 +- 1.6	2
146.26 - 168.75 SSE	11.3 +- 0.8	3
168.76 - 191.25 S	11.2 +- 1.2	3
191.26 - 213.75 SSW	10.8 +- 1.9	2
213.76 - 236.25 SW	11.4 +- 1.7	3
236.26 - 258.75 WSW	11.1 +- 0.9	2
258.76 - 281.25 W	12.6 +- 0.3	2
281.26 - 303.75 WNW	13.2 +- 2.8	2
303.76 - 326.25 NW	12.4 +- 0.0	1
326.26 - 348.75 NNW	13.3 +- 1.6	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.2 +- 0.9	10
2 - 5	11.6 +- 1.2	15
> 5	13.0 +- 2.1	10
Upwind Control	13.6 +- 0.6	3

INDIAN POINT

TLD Direct Radiation Environmental Monitoring

For the period 920313-920723 133 Days

Field Time: 97 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	52	1.4	16.0	+- 0.5; 2.4	12.0	+- 0.5; 3.6	13.2	+- 2.1
2	53	1.0	19.0	+- 0.6; 2.9	14.8	+- 0.6; 3.9	15.4	+- 2.4
3	61	1.5	Missing Dosimeter		No Net Data		15.0	+- 1.6
4	89	1.2	21.3	+- 0.6; 3.2	16.9	+- 0.7; 4.1	15.4	+- 1.9
5	107	0.9	20.0	+- 0.6; 3.0	15.6	+- 0.6; 4.0	15.8	+- 1.7
6	90	0.5	19.5	+- 0.6; 2.9	15.2	+- 0.6; 3.9	16.2	+- 1.8
7	133	0.8	18.6	+- 0.6; 2.8	14.3	+- 0.6; 3.8	15.4	+- 2.1
8	158	0.8	20.4	+- 0.6; 3.1	16.0	+- 0.6; 4.0	16.0	+- 1.6
9	188	1.2	19.8	+- 0.6; 3.0	15.5	+- 0.6; 4.0	17.2	+- 1.7
10	206	0.9	18.8	+- 0.6; 2.8	14.6	+- 0.6; 3.9	15.8	+- 1.9
11	170	1.1	17.7	+- 0.5; 2.7	13.6	+- 0.6; 3.8	13.8	+- 1.5
12	155	2.3	19.4	+- 0.6; 2.9	15.1	+- 0.6; 3.9	15.1	+- 1.8
13	136	3.2	20.5	+- 0.6; 3.1	16.2	+- 0.6; 4.0	14.9	+- 1.9
14	107	3.1	18.2	+- 0.5; 2.7	14.0	+- 0.6; 3.8	14.1	+- 1.9
15	94	3.8	19.5	+- 0.6; 2.9	15.2	+- 0.6; 3.9	15.0	+- 1.5
16	142	5.7	21.1	+- 0.6; 3.2	16.7	+- 0.7; 4.1	16.6	+- 1.7
18	147	9.1	21.2	+- 0.6; 3.2	16.7	+- 0.7; 4.1	16.3	+- 1.8
19	137	12.0	18.0	+- 0.5; 2.7	13.8	+- 0.6; 3.8	15.6	+- 2.6
20	129	12.0	19.1	+- 0.6; 2.9	14.8	+- 0.6; 3.9	15.4	+- 1.9
22	74	7.5	19.4	+- 0.6; 2.9	15.1	+- 0.6; 3.9	15.8	+- 1.8
23	92	5.0	21.3	+- 0.6; 3.2	16.8	+- 0.7; 4.1	16.8	+- 1.6
24	92	5.0	20.7	+- 0.6; 3.1	16.3	+- 0.7; 4.0	16.8	+- 1.9
25	65	4.1	17.9	+- 0.5; 2.7	13.7	+- 0.6; 3.8	15.3	+- 1.8
26	40	4.0	23.2	+- 0.7; 3.5	18.6	+- 0.7; 4.3	18.1	+- 1.5
27	25	5.3	20.8	+- 0.6; 3.1	16.4	+- 0.7; 4.1	16.4	+- 2.0
28	24	2.9	20.4	+- 0.6; 3.1	16.1	+- 0.6; 4.0	15.9	+- 1.6
29	22	2.1	19.8	+- 0.6; 3.0	15.5	+- 0.6; 4.0	15.8	+- 1.8
30	8	1.9	22.2	+- 0.7; 3.3	17.7	+- 0.7; 4.2	16.9	+- 2.0
31	356	5.0	19.3	+- 0.6; 2.9	15.0	+- 0.6; 3.9	16.2	+- 1.9
32	330	3.7	21.5	+- 0.6; 3.2	17.1	+- 0.7; 4.1	17.5	+- 1.7
33	338	4.7	22.5	+- 0.7; 3.4	18.0	+- 0.7; 4.2	17.8	+- 1.6
34	354	7.0	23.2	+- 0.7; 3.5	18.6	+- 0.7; 4.3	19.8	+- 3.1
35	297	4.4	20.8	+- 0.6; 3.1	16.4	+- 0.7; 4.1	16.8	+- 1.9
36	309	3.6	29.6	+- 0.9; 4.4	24.6	+- 0.9; 5.0	21.9	+- 9.6
37	350	1.1	20.7	+- 0.6; 3.1	16.3	+- 0.7; 4.0	17.3	+- 1.4
38	337	0.9	21.0	+- 0.6; 3.2	16.6	+- 0.7; 4.1	17.1	+- 1.7
39	315	1.0	18.9	+- 0.6; 2.8	14.6	+- 0.6; 3.9	15.6	+- 1.6
40	294	1.1	21.1	+- 0.6; 3.2	16.7	+- 0.7; 4.1	17.4	+- 2.0
41	274	1.1	Missing Dosimeter		No Net Data		18.5	+- 1.8
42	248	1.5	20.8	+- 0.6; 3.1	16.4	+- 0.7; 4.1	17.8	+- 1.9
44	92	5.0	21.5	+- 0.6; 3.2	17.1	+- 0.7; 4.1	16.7	+- 1.9
45	227	2.4	18.8	+- 0.6; 2.8	14.5	+- 0.6; 3.9	17.1	+- 2.3
46	209	3.2	Missing Dosimeter		No Net Data		15.8	+- 2.2
47	218	5.3	19.5	+- 0.6; 2.9	15.2	+- 0.6; 3.9	15.7	+- 1.7
48	201	4.6	21.4	+- 0.6; 3.2	16.9	+- 0.7; 4.1	16.3	+- 1.6
49	187	5.2	17.1	+- 0.5; 2.6	13.0	+- 0.6; 3.7	14.4	+- 1.9
50	171	7.1	19.1	+- 0.6; 2.9	14.8	+- 0.6; 3.9	14.6	+- 1.7

Transit Dose = 3.1 +- 0.3; 3.1

INDIAN POINT
For the period 920313-920723

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 +/- 1.6	4
11.26 - 33.75 NNE	16.0 +/- 0.5	3
33.76 - 56.25 NE	15.1 +/- 3.3	3
56.26 - 78.75 ENE	14.4 +/- 1.0	2
78.76 - 101.25 E	16.1 +/- 1.0	4
101.26 - 123.75 ESE	14.8 +/- 1.2	2
123.76 - 146.25 SE	15.2 +/- 1.2	5
146.26 - 168.75 SSE	16.0 +/- 0.8	3
168.76 - 191.25 S	14.2 +/- 1.2	4
191.26 - 213.75 SSW	15.8 +/- 1.7	2
213.76 - 236.25 SW	14.9 +/- 0.5	2
236.26 - 258.75 WSW	16.4 +/- 0.0	1
258.76 - 281.25 W	No Data +/- No Data	0
281.26 - 303.75 WNW	16.6 +/- 0.2	2
303.76 - 326.25 NW	19.6 +/- 7.0	2
326.26 - 348.75 NNW	17.2 +/- 0.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +/- Std.Dev.	Number In Group
0 - 2	15.4 +/- 1.4	16
2 - 5	16.5 +/- 2.6	16
> 5	15.5 +/- 1.6	10
Upwind Control	16.6 +/- 0.4	2

KEWAUNEE/PT. BEACH
 TLD Direct Radiation Environmental Monitoring
 For the period 920310-920721 134 Days
 Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	189	8.1	18.3 +- 0.5; 2.7	11.5 +- 0.7; 4.2	12.6 +- 1.8
2	195	7.0	22.8 +- 0.7; 3.4	16.0 +- 0.8; 4.6	17.5 +- 2.0
3	163	4.9	19.1 +- 0.6; 2.9	12.3 +- 0.7; 4.3	13.1 +- 2.1
4	183	3.3	23.4 +- 0.7; 3.5	16.5 +- 0.8; 4.7	16.3 +- 2.3
5	210	3.2	17.1 +- 0.5; 2.6	10.3 +- 0.7; 4.1	12.3 +- 2.3
6	223	3.7	23.3 +- 0.7; 3.5	16.4 +- 0.8; 4.7	16.4 +- 2.4
7	242	5.7	20.1 +- 0.6; 3.0	13.2 +- 0.7; 4.4	13.9 +- 1.8
8	202	1.8	23.4 +- 0.7; 3.5	16.5 +- 0.8; 4.7	17.0 +- 1.9
9	180	1.8	22.3 +- 0.7; 3.4	15.5 +- 0.8; 4.6	15.7 +- 2.2
10	158	1.9	18.4 +- 0.6; 2.8	11.6 +- 0.7; 4.2	12.9 +- 2.1
11	235	1.2	23.5 +- 0.7; 3.5	16.6 +- 0.8; 4.7	16.8 +- 2.3
12	258	1.4	21.6 +- 0.6; 3.2	14.7 +- 0.8; 4.5	15.4 +- 2.3
13	273	1.4	22.2 +- 0.7; 3.3	15.4 +- 0.8; 4.6	15.6 +- 2.2
14	290	0.9	23.2 +- 0.7; 3.5	16.4 +- 0.8; 4.7	16.6 +- 2.0
15	333	0.8	21.1 +- 0.6; 3.2	14.3 +- 0.8; 4.5	15.4 +- 2.2
16	342	1.9	21.0 +- 0.6; 3.2	14.2 +- 0.8; 4.5	15.4 +- 2.1
17	317	2.0	18.8 +- 0.6; 2.8	12.0 +- 0.7; 4.2	13.8 +- 2.8
18	310	3.4	24.9 +- 0.7; 3.7	18.0 +- 0.9; 4.9	17.6 +- 2.0
19	293	4.0	19.8 +- 0.6; 3.0	13.0 +- 0.7; 4.3	14.9 +- 2.5
20	273	4.0	19.6 +- 0.6; 2.9	12.8 +- 0.7; 4.3	14.4 +- 2.5
21	300	5.6	20.5 +- 0.6; 3.1	13.7 +- 0.7; 4.4	14.5 +- 1.9
22	316	5.9	21.0 +- 0.6; 3.1	14.1 +- 0.8; 4.5	15.3 +- 2.1
23	345	2.7	22.4 +- 0.7; 3.4	15.5 +- 0.8; 4.6	16.6 +- 2.4
24	219	1.3	20.9 +- 0.6; 3.1	14.1 +- 0.7; 4.4	14.8 +- 2.2
25	247	1.4	22.7 +- 0.7; 3.4	15.8 +- 0.8; 4.6	16.4 +- 1.9
26	263	1.3	22.4 +- 0.7; 3.4	15.6 +- 0.8; 4.6	16.2 +- 2.0
27	290	1.4	23.7 +- 0.7; 3.6	16.8 +- 0.8; 4.7	16.5 +- 2.1
28	320	1.3	22.5 +- 0.7; 3.4	15.7 +- 0.8; 4.6	16.7 +- 2.4
29	342	1.1	20.7 +- 0.6; 3.1	13.9 +- 0.7; 4.4	15.8 +- 2.8
30	329	0.6	23.3 +- 0.7; 3.5	16.4 +- 0.8; 4.7	16.3 +- 2.1
31	13	1.0	21.3 +- 0.6; 3.2	14.4 +- 0.8; 4.5	14.6 +- 2.0
32	353	2.1	22.1 +- 0.7; 3.3	15.2 +- 0.8; 4.6	16.1 +- 2.0
33	301	3.9	19.1 +- 0.6; 2.9	12.3 +- 0.7; 4.3	15.4 +- 2.0
34	299	8.4	23.1 +- 0.7; 3.5	16.2 +- 0.8; 4.7	15.9 +- 1.9
35	323	3.8	18.5 +- 0.6; 2.8	11.7 +- 0.7; 4.2	14.1 +- 2.1
36	336	3.3	23.5 +- 0.7; 3.5	16.7 +- 0.8; 4.7	16.3 +- 2.3
37	6	3.1	20.6 +- 0.6; 3.1	13.8 +- 0.7; 4.4	14.5 +- 2.0
38	14	3.7	21.9 +- 0.7; 3.3	15.0 +- 0.8; 4.5	15.2 +- 2.0
39	13	7.6	18.9 +- 0.6; 2.8	12.1 +- 0.7; 4.2	13.0 +- 1.7
40	247	4.3	26.2 +- 0.8; 3.9	19.3 +- 0.9; 5.0	17.8 +- 2.2
41	8	23.0	17.8 +- 0.5; 2.7	11.0 +- 0.7; 4.1	13.3 +- 2.6
42	8	23.0	19.9 +- 0.6; 3.0	13.0 +- 0.7; 4.3	13.6 +- 2.1
43	8	23.0	18.6 +- 0.6; 2.8	11.8 +- 0.7; 4.2	12.8 +- 2.2

Transit Dose = 5.7 +- 0.4; 3.2

KEWAUNEE/PT. BEACH
For the period 920310-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.5 +- 1.0	2
11.26 - 33.75 NNE	13.8 +- 1.5	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	11.9 +- 0.4	2
168.76 - 191.25 S	14.5 +- 2.6	3
191.26 - 213.75 SsW	14.3 +- 3.4	3
213.76 - 236.25 SW	15.7 +- 1.4	3
236.26 - 258.75 WSW	15.8 +- 2.6	4
258.76 - 281.25 W	14.6 +- 1.6	3
281.26 - 303.75 WNW	14.7 +- 2.0	6
303.76 - 326.25 NW	14.3 +- 2.6	5
326.26 - 348.75 NNW	15.2 +- 1.2	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.0 +- 1.5	18
2 - 5	14.6 +- 2.5	15
> 5	13.8 +- 1.8	7
Upwind Control	11.9 +- 1.0	3

MAP FOR KEWAUNEE/PT. BEACH

Map will be provided for this site in the future.

LACROSSE

TLD Direct Radiation Environmental Monitoring

For the period 920310-920728 141 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	5	20.0	20.8 +- 0.6; 3.1	13.7 +- 0.8; 4.5	15.0 +- 1.9
2	5	20.0	21.2 +- 0.6; 3.2	14.1 +- 0.8; 4.5	15.2 +- 1.6
3	3	20.0	22.1 +- 0.7; 3.3	15.0 +- 0.8; 4.6	15.7 +- 1.5
4	343	3.8	21.1 +- 0.6; 3.2	14.0 +- 0.8; 4.5	15.1 +- 1.7
5	313	3.8	24.6 +- 0.7; 3.7	17.4 +- 0.8; 4.9	17.7 +- 3.0
6	291	3.0	22.4 +- 0.7; 3.4	15.3 +- 0.8; 4.6	16.3 +- 1.6
7	261	4.8	Missing Dosimeter	No Net Data	17.7 +- 1.7
8	249	3.2	23.0 +- 0.7; 3.4	15.9 +- 0.8; 4.7	17.7 +- 1.9
9	214	5.0	24.3 +- 0.7; 3.6	17.2 +- 0.8; 4.8	15.7 +- 1.8
10	171	9.8	21.7 +- 0.7; 3.3	14.6 +- 0.8; 4.5	14.2 +- 1.4
11	176	5.1	21.4 +- 0.6; 3.2	14.3 +- 0.8; 4.5	14.8 +- 1.2
12	165	4.9	23.9 +- 0.7; 3.6	16.7 +- 0.8; 4.8	16.4 +- 1.5
13	138	3.5	24.1 +- 0.7; 3.6	16.9 +- 0.8; 4.8	16.5 +- 1.8
14	114	4.2	24.3 +- 0.7; 3.6	17.1 +- 0.8; 4.8	15.3 +- 1.6
15	97	3.9	22.0 +- 0.7; 3.3	14.9 +- 0.8; 4.6	14.8 +- 1.1
16	94	3.0	23.8 +- 0.7; 3.6	16.7 +- 0.8; 4.8	16.7 +- 1.9
17	105	2.0	21.1 +- 0.6; 3.2	13.5 +- 0.8; 4.5	17.5 +- 1.6
18	52	1.5	20.4 +- 0.6; 3.1	13.3 +- 0.7; 4.4	14.4 +- 1.5
19	16	1.5	22.7 +- 0.7; 3.4	15.6 +- 0.8; 4.7	14.7 +- 1.4
20	1	1.0	21.7 +- 0.7; 3.3	14.6 +- 0.8; 4.5	13.9 +- 1.4
21	358	0.5	23.7 +- 0.7; 3.6	16.6 +- 0.8; 4.8	17.5 +- 1.5
22	180	0.6	24.9 +- 0.7; 3.7	17.7 +- 0.9; 4.9	16.2 +- 1.5
23	134	1.7	23.7 +- 0.7; 3.6	16.5 +- 0.8; 4.8	17.0 +- 1.5
24	58	0.6	25.5 +- 0.8; 3.8	18.3 +- 0.9; 5.0	17.3 +- 1.9
25	59	3.1	26.4 +- 0.8; 4.0	19.2 +- 0.9; 5.1	17.6 +- 1.6
26	16	1.5	23.6 +- 0.7; 3.5	16.5 +- 0.8; 4.8	16.5 +- 1.8
27	26	5.1	22.4 +- 0.7; 3.4	15.3 +- 0.8; 4.6	15.5 +- 1.4
28	25	7.0	20.0 +- 0.6; 3.0	12.9 +- 0.7; 4.4	14.2 +- 1.7
29	4	4.8	Missing Dosimeter	No Net Data	16.1 +- 1.8

Transit Dose = 7.0 +- 0.4; 3.2

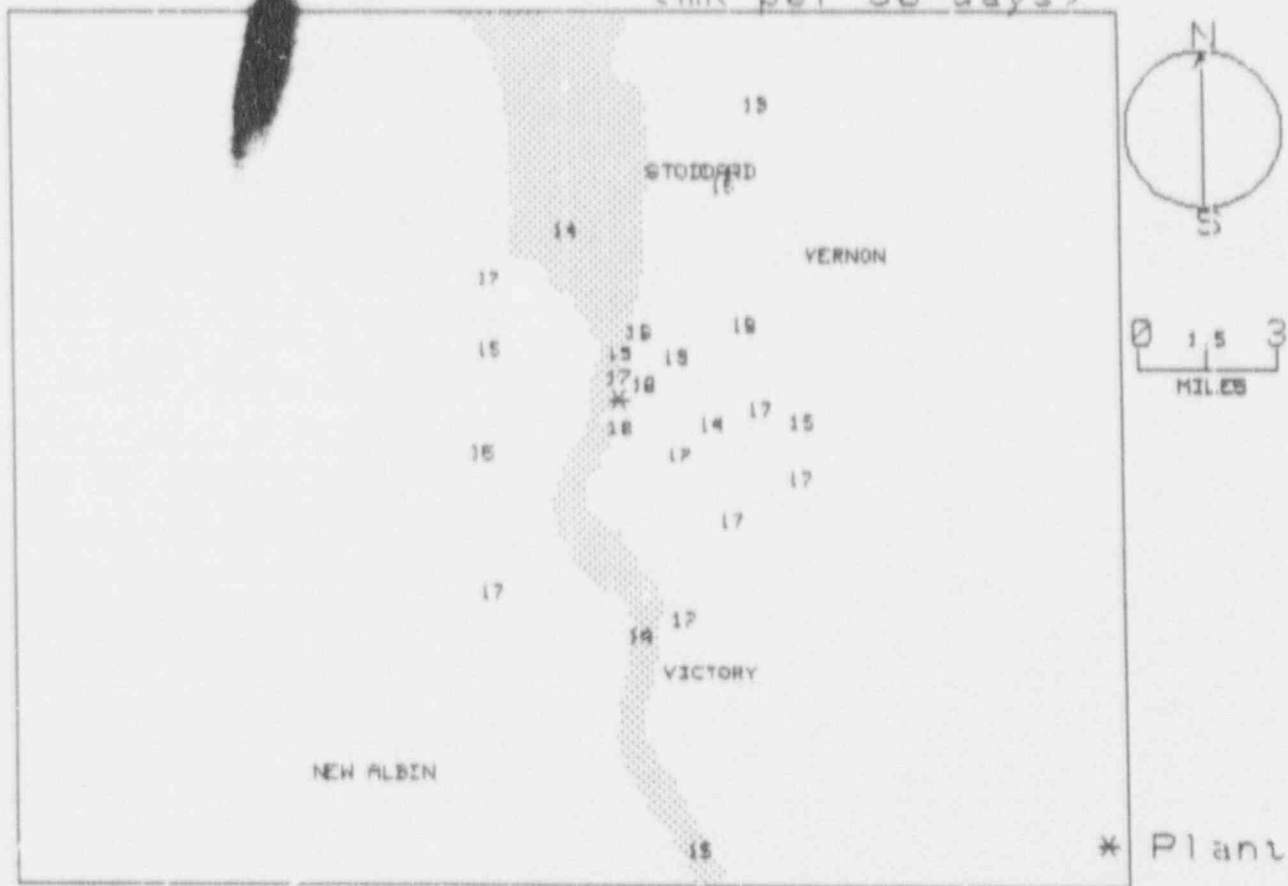
LACROSSE
For the period 920310-920728

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 +- 1.4	2
11.26 - 33.75 NNE	15.1 +- 1.5	4
33.76 - 56.25 NE	13.3 +- 0.0	1
56.26 - 78.75 ENE	18.7 +- 0.6	2
78.76 - 101.25 E	15.8 +- 1.3	2
101.26 - 123.75 ESE	15.5 +- 2.3	2
123.76 - 146.25 SE	16.7 +- 0.3	2
146.26 - 168.75 SSE	15.7 +- 0.0	1
168.76 - 191.25 S	15.5 +- 1.9	3
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	17.2 +- 0.0	1
236.26 - 258.75 WSW	15.9 +- 0.0	1
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	15.3 +- 0.0	1
303.76 - 326.25 NW	17.4 +- 0.0	1
326.26 - 348.75 NNW	14.0 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std. Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.9 +- 1.7	9
2 - 5	16.5 +- 1.4	11
> 5	14.3 +- 1.0	4
Upwind Control	14.3 +- 0.7	3

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



LASALLE

TLD Direct Radiation Environmental Monitoring

For the period 920310-920721 134 Days

Field Time: 96 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	302 10.0	20.4 +- 0.6; 3.1	15.9 +- 0.7; 4.1	18.6 +- 7.9
2	335 1.3	23.8 +- 0.7; 3.6	19.1 +- 0.7; 4.4	21.3 +- 9.2
3	343 5.8	19.9 +- 0.6; 3.0	15.5 +- 0.6; 4.0	17.0 +- 8.0
4	38 5.5	26.4 +- 0.8; 4.0	21.5 +- 0.8; 4.7	20.3 +- 8.6
5	39 4.3	18.6 +- 0.6; 2.8	14.3 +- 0.6; 3.9	15.8 +- 6.9
6	27 3.8	21.3 +- 0.6; 3.2	16.7 +- 0.7; 4.1	18.7 +- 8.2
7	2 4.1	24.9 +- 0.7; 3.7	20.2 +- 0.8; 4.5	21.1 +- 9.7
8	304 4.6	23.7 +- 0.7; 3.6	19.0 +- 0.7; 4.4	20.9 +- 9.3
9	292 3.9	Missing Dosimeter	No Net Data	20.9 +- 9.3
10	281 3.7	25.5 +- 0.8; 3.8	20.7 +- 0.8; 4.6	20.4 +- 8.5
11	248 4.0	24.8 +- 0.7; 3.7	20.0 +- 0.8; 4.5	19.8 +- 9.1
12	222 12.0	21.3 +- 0.6; 3.2	16.8 +- 0.7; 4.2	19.0 +- 8.5
13	212 18.0	23.4 +- 0.7; 3.5	18.7 +- 0.7; 4.4	19.8 +- 8.6
14	212 18.0	24.2 +- 0.7; 3.6	19.4 +- 0.8; 4.4	20.4 +- 9.2
15	212 18.0	23.0 +- 0.7; 3.4	18.3 +- 0.7; 4.3	20.2 +- 9.0
16	215 4.4	24.4 +- 0.7; 3.7	19.6 +- 0.8; 4.5	21.3 +- 9.5
17	204 4.0	23.8 +- 0.7; 3.6	19.2 +- 0.7; 4.4	20.5 +- 8.7
18	173 4.6	23.4 +- 0.7; 3.5	18.7 +- 0.7; 4.4	19.5 +- 1.3
19	174 6.4	22.1 +- 0.7; 3.3	17.5 +- 0.7; 4.2	18.7 +- 8.7
20	158 3.6	22.6 +- 0.7; 3.4	18.0 +- 0.7; 4.3	20.2 +- 9.6
21	124 4.2	Missing Dosimeter	No Net Data	21.3 +- 9.7
22	114 3.8	24.6 +- 0.7; 3.7	19.9 +- 0.8; 4.5	20.1 +- 8.8
23	97 4.5	23.8 +- 0.7; 3.6	19.1 +- 0.7; 4.4	19.6 +- 9.2
24	72 4.7	25.3 +- 0.8; 3.8	20.5 +- 0.8; 4.6	19.8 +- 1.5
25	41 2.0	23.4 +- 0.7; 3.5	18.7 +- 0.7; 4.4	20.4 +- 9.1
26	11 1.6	22.7 +- 0.7; 3.4	18.1 +- 0.7; 4.3	20.2 +- 9.6
27	358 1.5	23.4 +- 0.7; 3.5	18.7 +- 0.7; 4.4	21.0 +- 10.0
28	336 1.6	22.3 +- 0.7; 3.4	17.7 +- 0.7; 4.3	19.8 +- 9.4
29	310 2.3	21.4 +- 0.6; 3.2	16.8 +- 0.7; 4.2	17.6 +- 1.6
30	301 2.0	26.1 +- 0.8; 3.9	21.2 +- 0.8; 4.7	22.3 +- 8.9
31	271 1.7	22.2 +- 0.7; 3.3	17.6 +- 0.7; 4.2	18.4 +- 1.3
32	256 1.8	Missing Dosimeter	No Net Data	20.6 +- 9.1
33	227 2.4	25.1 +- 0.8; 3.8	20.3 +- 0.8; 4.5	21.9 +- 10.0
34	204 1.7	24.0 +- 0.7; 3.6	19.3 +- 0.7; 4.4	20.1 +- 9.1
35	165 1.6	25.8 +- 0.8; 3.9	21.0 +- 0.8; 4.6	20.6 +- 7.6
36	149 1.8	24.0 +- 0.7; 3.6	19.3 +- 0.7; 4.4	19.5 +- 1.4
37	139 2.1	23.3 +- 0.7; 3.5	18.7 +- 0.7; 4.4	20.4 +- 9.1
38	111 1.5	21.5 +- 0.6; 3.2	16.9 +- 0.7; 4.2	18.2 +- 7.9
39	265 0.6	24.1 +- 0.7; 3.6	19.4 +- 0.7; 4.4	21.4 +- 9.8

Transit Dose = 3.4 +- 0.3; 3.1

LASALLE

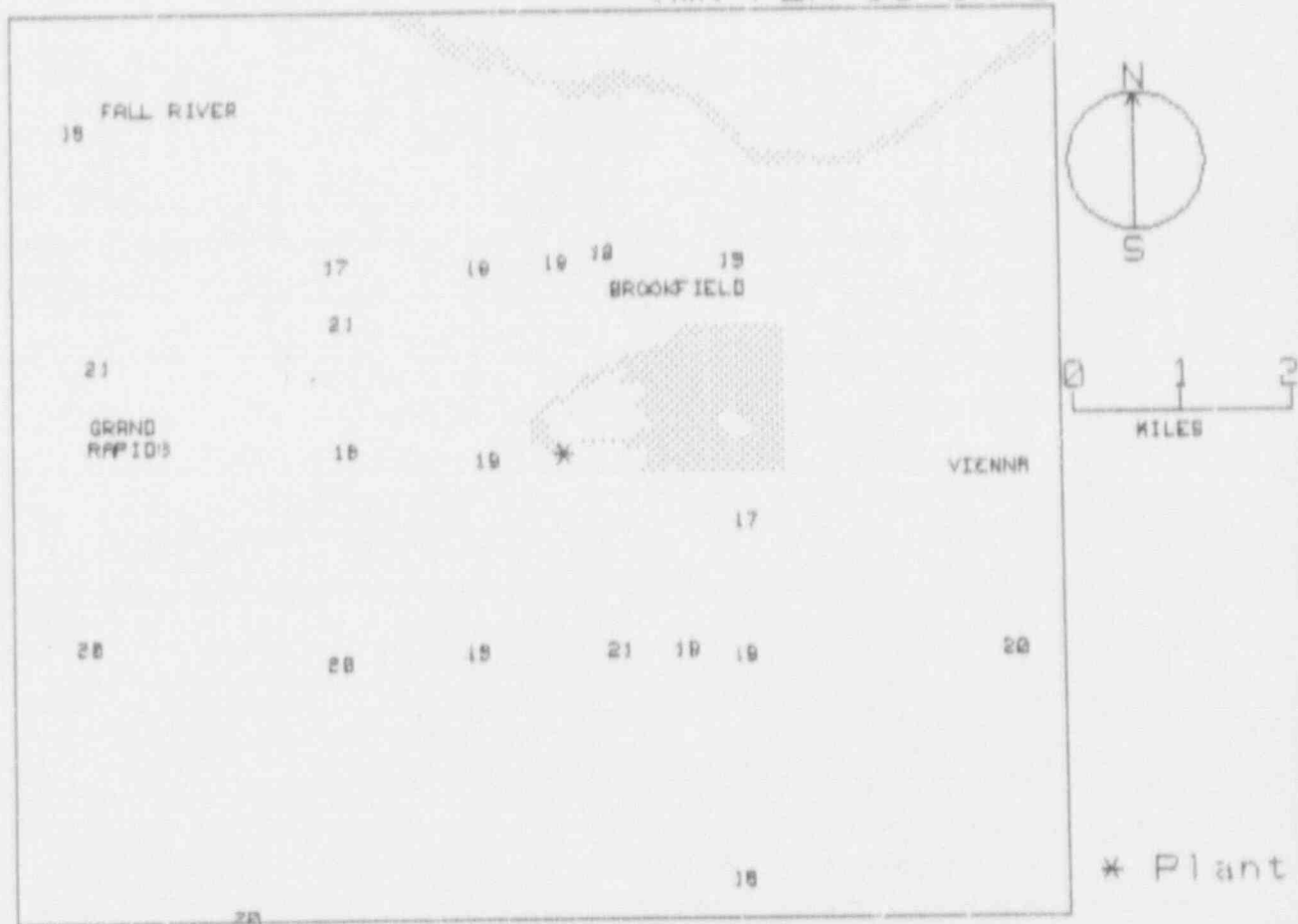
For the period 920310-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.0 +- 1.1	3
11.26 - 33.75 NNE	16.7 +- 0.0	1
33.76 - 56.25 NE	18.2 +- 3.7	3
56.26 - 78.75 ENE	20.5 +- 0.0	1
78.76 - 101.25 E	19.1 +- 0.0	1
101.26 - 123.75 ESE	18.4 +- 2.1	2
123.76 - 146.25 SE	18.7 +- 0.0	1
146.26 - 168.75 SSE	19.4 +- 1.5	3
168.76 - 191.25 S	18.1 +- 0.8	2
191.26 - 213.75 SSW	19.2 +- 0.1	2
213.76 - 236.25 SW	18.9 +- 1.9	3
236.26 - 258.75 WSW	20.0 +- 0.0	1
258.76 - 281.25 W	19.2 +- 1.6	3
281.26 - 303.75 WNW	18.6 +- 3.8	2
303.76 - 326.25 NW	17.9 +- 1.6	2
326.26 - 348.75 NNW	17.5 +- 1.8	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.9 +- 1.3	11
2 - 5	18.9 +- 1.7	16
> 5	17.7 +- 2.3	6
Upwind Control	18.8 +- 0.6	3

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



LIMERICK

TLD Direct Radiation Environmental Monitoring

For the period 920314-920716 125 Days

Field Time: 92 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	115	8.5	26.3 +- 0.8; 3.9	No Net Data	22.8 +- 1.8
3	85	3.7	22.6 +- 0.7; 3.4	No Net Data	19.0 +- 1.4
4	46	3.3	23.6 +- 0.7; 3.5	No Net Data	19.5 +- 1.7
5	20	3.7	22.5 +- 0.7; 3.4	No Net Data	19.4 +- 1.7
6	7	4.6	23.5 +- 0.7; 3.5	No Net Data	20.6 +- 1.5
7	340	7.2	21.0 +- 0.6; 3.1	No Net Data	18.1 +- 2.0
8	332	4.0	21.8 +- 0.7; 3.3	No Net Data	19.1 +- 1.5
9	313	3.4	22.6 +- 0.7; 3.4	No Net Data	19.3 +- 1.7
10	291	4.9	Missing Dosimeter	No Net Data	20.6 +- 1.8
11	304	3.0	28.3 +- 0.8; 4.2	No Net Data	24.3 +- 2.0
12	316	1.9	22.1 +- 0.7; 3.3	No Net Data	18.1 +- 1.6
13	347	1.9	24.8 +- 0.7; 3.7	No Net Data	20.4 +- 1.6
14	339	1.5	20.4 +- 0.6; 3.1	No Net Data	17.3 +- 1.4
15	41	1.7	21.7 +- 0.7; 3.3	No Net Data	18.6 +- 1.7
16	66	2.6	20.6 +- 0.6; 3.1	No Net Data	19.8 +- 1.5
17	5	0.6	21.2 +- 0.6; 3.2	No Net Data	18.7 +- 1.9
18	300	0.7	23.1 +- 0.7; 3.5	No Net Data	18.6 +- 2.1
19	291	0.7	20.3 +- 0.6; 3.0	No Net Data	18.4 +- 1.8
20	260	0.7	21.2 +- 0.6; 3.2	No Net Data	18.1 +- 1.6
21	234	0.9	21.1 +- 0.6; 3.2	No Net Data	18.4 +- 1.7
22	210	1.1	22.7 +- 0.7; 3.4	No Net Data	19.0 +- 1.5
23	174	1.7	20.8 +- 0.6; 3.1	No Net Data	17.0 +- 1.4
24	149	1.5	22.2 +- 0.7; 3.3	No Net Data	17.3 +- 1.8
25	124	1.0	22.9 +- 0.7; 3.4	No Net Data	19.8 +- 1.6
26	114	1.1	23.9 +- 0.7; 3.6	No Net Data	20.0 +- 1.9
27	160	1.0	21.9 +- 0.7; 3.3	No Net Data	18.9 +- 1.7
28	81	1.0	21.3 +- 0.6; 3.2	No Net Data	18.6 +- 1.9
29	51	0.7	22.4 +- 0.7; 3.4	No Net Data	18.9 +- 1.7
30	144	3.2	26.0 +- 0.8; 3.9	No Net Data	22.2 +- 1.9
31	158	2.6	22.8 +- 0.7; 3.4	No Net Data	19.2 +- 2.3
32	153	7.3	21.0 +- 0.6; 3.2	No Net Data	17.9 +- 1.6
33	186	4.2	21.3 +- 0.6; 3.2	No Net Data	16.9 +- 1.7
34	194	3.8	18.8 +- 0.6; 2.8	No Net Data	17.2 +- 1.7
35	229	5.1	22.9 +- 0.7; 3.4	No Net Data	18.7 +- 1.5
36	251	4.1	23.0 +- 0.7; 3.5	No Net Data	18.7 +- 1.8
37	270	3.0	18.9 +- 0.6; 2.8	No Net Data	15.8 +- 1.6
38	293	11.9	24.7 +- 0.7; 3.7	No Net Data	20.4 +- 2.0
39	293	11.9	24.2 +- 0.7; 3.6	No Net Data	20.3 +- 1.8
40	293	11.9	24.0 +- 0.7; 3.6	No Net Data	20.9 +- 1.9
41	126	2.9	19.5 +- 0.6; 2.9	No Net Data	16.1 +- 1.8
42	111	4.3	22.5 +- 0.7; 3.4	No Net Data	18.9 +- 1.8

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

LIMERICK

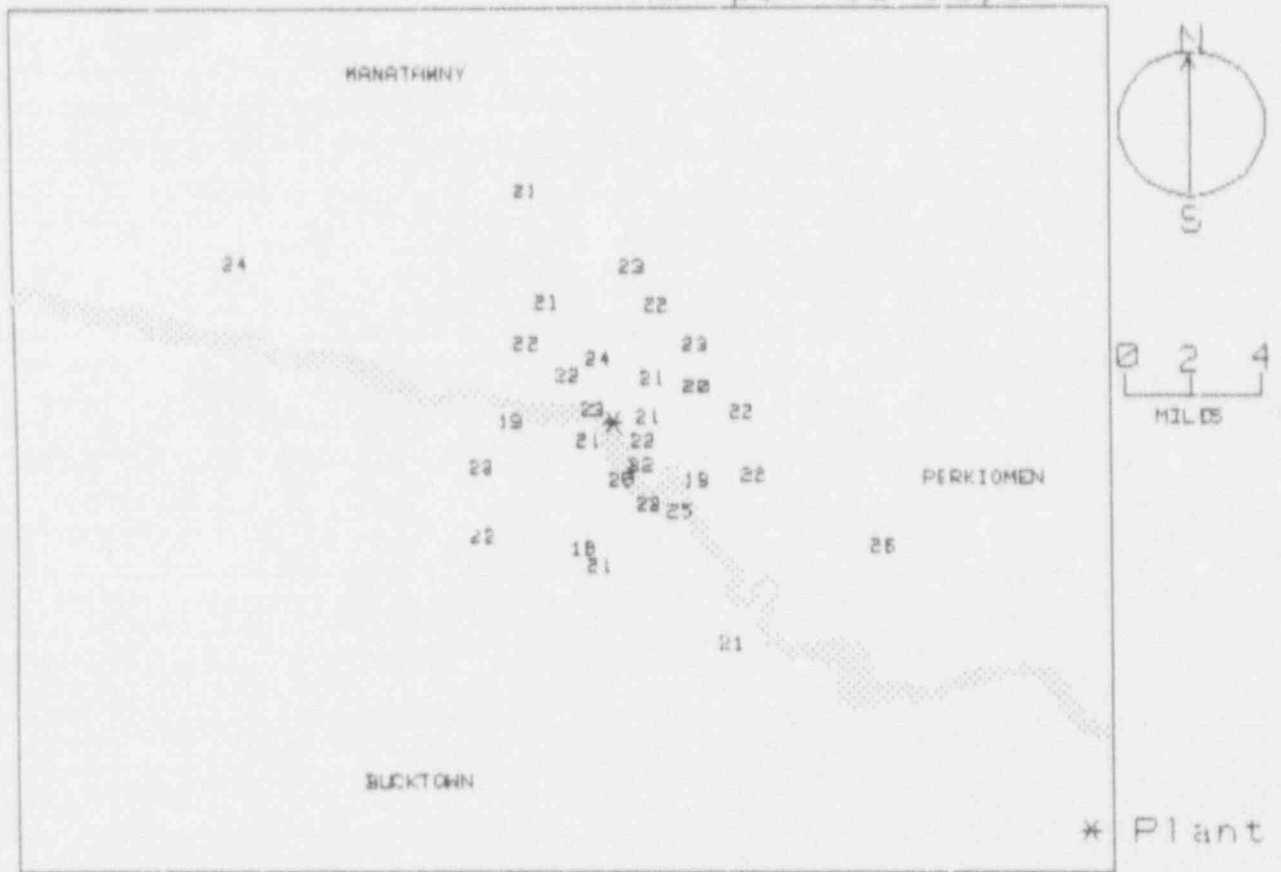
For the period 920314-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.1 +- 1.2	2
11.26 - 33.75 NNE	16.2 +- 0.0	1
33.76 - 56.25 NE	16.2 +- 0.7	3
56.26 - 78.75 ENE	14.8 +- 0.0	1
78.76 - 101.25 E	15.8 +- 0.7	2
101.26 - 123.75 ESE	17.4 +- 1.4	3
123.76 - 146.25 SE	16.4 +- 2.3	3
146.26 - 168.75 SSE	15.8 +- 0.5	4
168.76 - 191.25 S	15.1 +- 0.3	2
191.26 - 213.75 SSW	14.9 +- 2.0	2
213.76 - 236.25 SW	15.9 +- 0.9	2
236.26 - 258.75 WSW	16.6 +- 0.0	1
258.76 - 281.25 W	14.4 +- 1.1	2
281.26 - 303.75 WNW	15.6 +- 1.4	2
303.76 - 326.25 NW	17.5 +- 2.5	3
326.26 - 348.75 NNW	15.8 +- 1.4	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.8 +- 0.9	17
2 - 5	15.1 +- 1.8	16
> 5	16.4 +- 1.8	4
Upwind Control	17.5 +- 0.3	3

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



MAINE YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 920313-920723 133 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	340	1.0	24.6 +- 0.7;	3.7	19.4 +- 0.8;	4.6	18.8 +- 2.2	
2	6	1.4	22.9 +- 0.7;	3.4	17.7 +- 0.8;	4.5	17.9 +- 2.6	
3	23	1.5	22.4 +- 0.7;	3.4	17.3 +- 0.7;	4.4	17.3 +- 2.0	
4	44	1.8	22.4 +- 0.7;	3.4	17.3 +- 0.7;	4.4	17.3 +- 2.7	
5	116	0.5	20.8 +- 0.6;	3.1	15.7 +- 0.7;	4.2	17.3 +- 2.5	
6	168	1.0	23.7 +- 0.7;	3.6	18.5 +- 0.8;	4.5	18.0 +- 2.2	
7	185	1.6	22.7 +- 0.7;	3.4	17.6 +- 0.7;	4.4	16.7 +- 1.8	
8	195	2.3	23.3 +- 0.7;	3.5	18.2 +- 0.8;	4.5	17.6 +- 2.5	
9	209	3.8	23.6 +- 0.7;	3.5	18.5 +- 0.8;	4.5	17.1 +- 2.1	
10	310	1.7	23.2 +- 0.7;	3.5	18.0 +- 0.8;	4.5	17.2 +- 2.6	
11	290	1.8	26.0 +- 0.8;	3.9	20.8 +- 0.8;	4.8	19.7 +- 3.0	
12	275	1.7	25.3 +- 0.8;	3.8	20.1 +- 0.8;	4.7	18.9 +- 2.4	
13	256	1.9	23.5 +- 0.7;	3.5	18.4 +- 0.8;	4.5	17.4 +- 2.5	
14	232	2.5	24.4 +- 0.7;	3.7	19.2 +- 0.8;	4.6	18.4 +- 1.6	
15	227	5.3	23.8 +- 0.7;	3.6	18.6 +- 0.8;	4.6	18.3 +- 2.6	
16	246	4.4	26.9 +- 0.8;	4.0	21.6 +- 0.9;	4.9	19.5 +- 2.4	
17	250	6.6	31.6 +- 0.9;	4.7	26.2 +- 1.0;	5.5	23.4 +- 2.2	
18	268	4.7	24.4 +- 0.7;	3.7	19.3 +- 0.8;	4.6	18.4 +- 2.3	
19	283	4.4	24.0 +- 0.7;	3.6	18.8 +- 0.8;	4.6	19.0 +- 7.8	
20	305	4.7	23.2 +- 0.7;	3.5	18.1 +- 0.8;	4.5	17.7 +- 3.0	
21	300	2.9	22.6 +- 0.7;	3.4	17.5 +- 0.7;	4.4	18.3 +- 2.6	
22	332	2.7	Missing Dosimeter		No Net Data		19.2 +- 2.9	
23	20	3.9	24.1 +- 0.7;	3.6	19.0 +- 0.8;	4.6	18.8 +- 2.7	
24	23	3.0	24.9 +- 0.7;	3.7	19.7 +- 0.8;	4.7	19.1 +- 2.6	
25	42	4.7	24.8 +- 0.7;	3.7	19.6 +- 0.8;	4.7	18.6 +- 2.4	
26	60	15.0	22.8 +- 0.7;	3.4	17.7 +- 0.8;	4.5	17.1 +- 2.5	
27	62	16.0	Missing Dosimeter		No Net Data		16.1 +- 2.1	
28	63	16.0	23.5 +- 0.7;	3.5	18.3 +- 0.8;	4.5	17.3 +- 2.3	
29	64	2.1	24.4 +- 0.7;	3.7	19.3 +- 0.8;	4.6	20.2 +- 2.8	
30	84	1.5	22.0 +- 0.7;	3.3	16.9 +- 0.7;	4.4	16.9 +- 2.0	
31	115	1.6	21.7 +- 0.7;	3.3	16.6 +- 0.7;	4.3	17.2 +- 2.5	
32	135	2.0	21.4 +- 0.6;	3.2	16.3 +- 0.7;	4.3	16.4 +- 2.1	
33	66	3.5	22.3 +- 0.7;	3.4	17.2 +- 0.7;	4.4	17.6 +- 2.4	
34	97	4.9	25.3 +- 0.8;	3.8	20.1 +- 0.8;	4.7	18.3 +- 2.0	
35	123	4.8	25.1 +- 0.8;	3.8	19.9 +- 0.8;	4.7	18.6 +- 1.8	
36	140	4.9	21.7 +- 0.7;	3.3	16.6 +- 0.7;	4.3	17.9 +- 3.2	
37	151	6.0	24.6 +- 0.7;	3.7	19.4 +- 0.8;	4.6	18.5 +- 2.6	
38	152	4.2	25.1 +- 0.8;	3.8	19.9 +- 0.8;	4.7	19.2 +- 2.3	
39	172	4.9	24.0 +- 0.7;	3.6	18.8 +- 0.8;	4.6	17.4 +- 1.9	
40	156	7.4	22.7 +- 0.7;	3.4	17.6 +- 0.7;	4.4	18.1 +- 2.1	

Transit Dose = 4.5 +- 0.4; 3.1

MAINE YANKEE

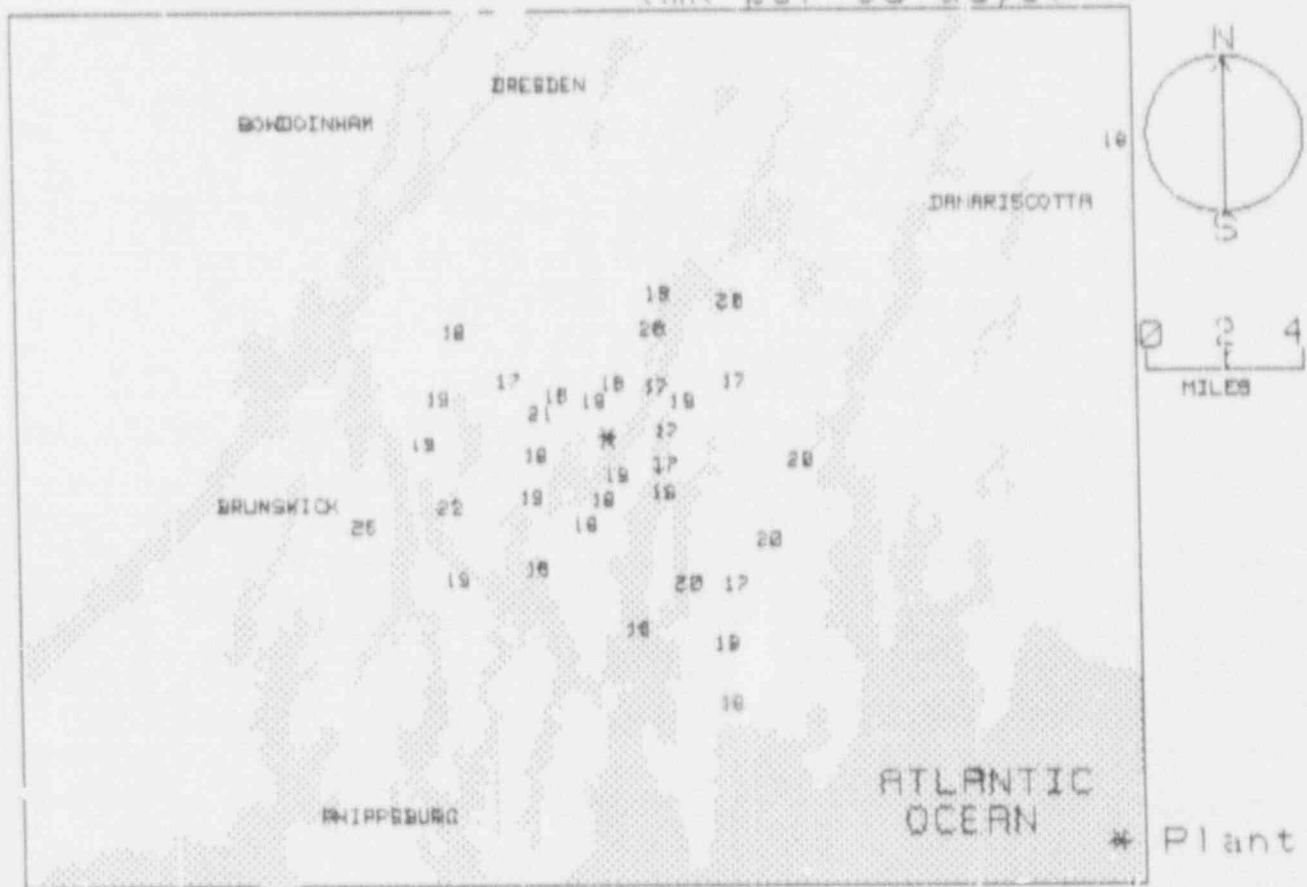
For the period 920313-920723

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 +- 0.0	1
11.26 - 33.75 NNE	18.7 +- 1.2	3
33.76 - 56.25 NE	18.4 +- 1.6	2
56.26 - 78.75 ENE	18.2 +- 1.4	2
78.76 - 101.25 E	18.5 +- 2.3	2
101.26 - 123.75 ESE	17.4 +- 2.2	3
123.76 - 146.25 SE	16.5 +- 0.2	2
146.26 - 168.75 SSE	18.9 +- 1.0	4
168.76 - 191.25 S	18.2 +- 0.9	2
191.26 - 213.75 SSW	18.3 +- 0.2	2
213.76 - 236.25 SW	18.9 +- 0.4	2
236.26 - 258.75 WSW	22.1 +- 3.9	3
258.76 - 281.25 W	19.7 +- 0.6	2
281.26 - 303.75 WNW	19.0 +- 1.7	3
303.76 - 326.25 NW	18.1 +- 0.0	2
326.26 - 348.75 NNW	19.4 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.9 +- 1.4	14
2 - 5	19.0 +- 1.2	18
> 5	20.4 +- 3.9	4
Upwind Control	18.0 +- 0.4	2

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



MCGUIRE

TLD Direct Radiation Environmental Monitoring

For the period 920312-920729 140 Days

Field Time: 108 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	22.4	+- 0.7; 3.4	14.5	+- 0.7; 4.1	14.9	+- 2.7
2	323	1.6	26.9	+- 0.8; 4.0	18.3	+- 0.8; 4.5	17.1	+- 2.6
3	336	1.7	27.1	+- 0.8; 4.1	18.4	+- 0.8; 4.5	18.5	+- 2.7
4	303	2.9	24.2	+- 0.7; 3.6	16.1	+- 0.7; 4.2	16.9	+- 3.7
5	321	3.9	25.7	+- 0.8; 3.9	17.3	+- 0.7; 4.4	16.8	+- 2.8
6	334	3.7	25.2	+- 0.8; 3.8	16.9	+- 0.7; 4.3	16.8	+- 2.9
7	352	3.5	23.9	+- 0.7; 3.6	15.8	+- 0.7; 4.2	15.2	+- 2.5
8	287	2.0	24.0	+- 0.7; 3.6	15.9	+- 0.7; 4.3	17.4	+- 3.5
9	273	1.9	21.3	+- 0.6; 3.2	13.6	+- 0.6; 4.0	16.5	+- 3.5
10	244	1.7	23.2	+- 0.7; 3.5	15.2	+- 0.7; 4.1	15.4	+- 2.6
11	225	2.1	22.5	+- 0.7; 3.4	14.6	+- 0.7; 4.1	15.1	+- 2.3
12	212	3.6	23.6	+- 0.7; 3.5	15.6	+- 0.7; 4.2	16.8	+- 2.6
13	232	4.4	33.2	+- 1.0; 5.0	23.5	+- 0.9; 5.1	22.2	+- 2.7
14	253	3.7	27.6	+- 0.8; 4.1	18.9	+- 0.8; 4.5	19.5	+- 3.1
15	261	4.2	23.6	+- 0.7; 3.5	15.6	+- 0.7; 4.2	15.1	+- 2.7
16	288	4.3	33.1	+- 1.0; 5.0	23.5	+- 0.9; 5.1	22.2	+- 2.9
17	288	17.0	Missing Dosimeter		No Net Data		24.2	+- 6.9
18	287	2.0	30.1	+- 0.9; 4.5	21.0	+- 0.8; 4.8	21.6	+- 2.9
19	286	17.0	30.8	+- 0.9; 4.6	21.5	+- 0.8; 4.8	22.8	+- 3.5
20	233	18.0	30.2	+- 0.9; 4.5	21.0	+- 0.8; 4.8	22.0	+- 2.8
21	204	10.0	25.0	+- 0.7; 3.7	16.7	+- 0.7; 4.3	16.4	+- 2.7
22	239	9.5	24.2	+- 0.7; 3.6	16.1	+- 0.7; 4.2	17.8	+- 2.9
23	115	4.9	20.8	+- 0.6; 3.1	13.2	+- 0.6; 3.9	14.0	+- 2.6
24	132	4.9	21.2	+- 0.6; 3.2	13.6	+- 0.6; 4.0	14.3	+- 2.6
25	156	4.0	19.6	+- 0.6; 2.9	12.2	+- 0.6; 3.8	12.1	+- 2.5
26	175	3.7	21.4	+- 0.6; 3.2	13.7	+- 0.6; 4.0	14.3	+- 2.6
27	198	4.3	30.1	+- 0.9; 4.5	21.0	+- 0.8; 4.8	19.5	+- 3.2
28	169	13.0	21.8	+- 0.7; 3.3	14.0	+- 0.6; 4.0	15.1	+- 2.6
29	155	13.0	22.6	+- 0.7; 3.4	14.7	+- 0.7; 4.1	14.6	+- 2.4
30	146	14.0	22.4	+- 0.7; 3.4	14.6	+- 0.7; 4.1	13.7	+- 2.5
31	143	1.9	21.6	+- 0.6; 3.2	13.9	+- 0.6; 4.0	14.6	+- 2.7
32	155	1.3	23.0	+- 0.7; 3.4	15.0	+- 0.7; 4.1	14.9	+- 2.4
33	178	1.6	20.3	+- 0.6; 3.0	12.8	+- 0.6; 3.9	13.6	+- 2.2
34	108	2.0	23.6	+- 0.7; 3.5	15.5	+- 0.7; 4.2	15.2	+- 2.7
35	93	2.2	Missing Dosimeter		No Net Data		15.1	+- 2.6
36	67	2.5	25.0	+- 0.7; 3.7	16.7	+- 0.7; 4.3	15.0	+- 2.6
37	82	4.7	24.5	+- 0.7; 3.7	16.3	+- 0.7; 4.3	14.7	+- 2.3
38	64	4.9	21.3	+- 0.6; 3.2	13.6	+- 0.6; 4.0	15.3	+- 2.1
39	42	5.0	25.8	+- 0.8; 3.9	17.4	+- 0.7; 4.4	18.7	+- 2.6
40	26	4.3	21.7	+- 0.7; 3.3	14.0	+- 0.6; 4.0	15.5	+- 2.8
41	42	2.0	20.6	+- 0.6; 3.1	13.0	+- 0.6; 3.9	13.1	+- 2.5
42	21	1.6	23.0	+- 0.7; 3.4	15.0	+- 0.7; 4.1	17.3	+- 2.9
43	8	2.6	27.5	+- 0.8; 4.1	18.8	+- 0.8; 4.5	18.3	+- 2.6
44	37	13.0	30.5	+- 0.9; 4.6	21.3	+- 0.8; 4.8	22.1	+- 3.0
45	78	19.0	33.0	+- 1.0; 4.9	23.4	+- 0.9; 5.1	24.6	+- 3.2
46	94	19.0	Missing Dosimeter		No Net Data		18.6	+- 2.0

Transit Dose = 5.0 +- 0.4; 3.5

MCGUIRE

For the period 920312-920729

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.3 +- 2.1	2
11.26 - 33.75 NNE	14.5 +- 0.7	2
33.76 - 56.25 NE	17.2 +- 4.1	3
56.26 - 78.75 ENE	17.9 +- 5.0	3
78.76 - 101.25 E	15.4 +- 1.3	2
101.26 - 123.75 ESE	14.3 +- 1.6	2
123.76 - 146.25 SE	14.0 +- 0.5	3
146.26 - 168.75 SSE	14.0 +- 1.5	3
168.76 - 191.25 S	13.5 +- 0.6	3
191.26 - 213.75 SSW	17.7 +- 2.9	3
213.76 - 236.25 SW	19.7 +- 4.6	3
236.26 - 258.75 WSW	18.7 +- 1.9	3
258.76 - 281.25 W	14.6 +- 1.4	2
281.26 - 303.75 WNW	18.5 +- 4.3	3
303.76 - 326.25 NW	17.8 +- 0.7	2
326.26 - 348.75 NNW	17.7 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.1 +- 1.8	12
2 - 5	16.6 +- 3.1	21
> 5	17.7 +- 3.6	8
Upwind Control	21.3 +- 0.4	2

MAP FOR MCGUIRE

Map will be provided for this site in the future.

MILLSTONE

TLD Direct Radiation Environmental Monitoring

For the period 920313-920716 126 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
1	0	1.0	24.0	+ 0.7; 3.6	20.4	+ 0.8; 4.6	19.9	+ 4.6
2	24	1.3	17.5	+ 0.5; 2.6	14.0	+ 0.6; 3.9	15.8	+ 4.2
3	47	1.5	23.9	+ 0.7; 3.6	20.3	+ 0.8; 4.6	19.7	+ 4.4
4	60	1.7	22.8	+ 0.7; 3.4	19.3	+ 0.8; 4.4	17.8	+ 4.2
5	85	1.3	23.0	+ 0.7; 3.4	19.4	+ 0.8; 4.5	19.1	+ 4.0
6	110	1.8	23.4	+ 0.7; 3.5	19.9	+ 0.8; 4.5	18.7	+ 4.2
7	67	5.3	26.9	+ 0.8; 4.0	23.3	+ 0.9; 4.9	19.6	+ 4.4
8	49	5.3	24.2	+ 0.7; 3.6	20.7	+ 0.8; 4.6	19.7	+ 4.0
9	84	5.2	21.7	+ 0.6; 3.2	18.1	+ 0.7; 4.3	18.2	+ 4.3
11	232	2.5	21.9	+ 0.7; 3.3	18.4	+ 0.7; 4.3	17.6	+ 4.0
12	256	2.4	24.7	+ 0.7; 3.7	21.1	+ 0.8; 4.7	19.9	+ 3.9
13	274	2.2	Missing Dosimeter		No Net Data		19.7	+ 4.0
14	295	1.9	25.7	+ 0.8; 3.9	22.1	+ 0.8; 4.8	20.5	+ 4.5
15	315	1.5	20.7	+ 0.6; 3.1	17.2	+ 0.7; 4.2	16.1	+ 4.2
16	339	1.2	24.2	+ 0.7; 3.6	20.7	+ 0.8; 4.6	19.3	+ 1.9
17	353	3.5	23.4	+ 0.7; 3.5	19.8	+ 0.8; 4.5	18.8	+ 4.4
18	24	3.5	23.9	+ 0.7; 3.6	20.3	+ 0.8; 4.6	18.7	+ 2.7
19	33	3.0	27.3	+ 0.8; 4.1	23.7	+ 0.9; 5.0	20.5	+ 4.5
20	82	4.0	22.2	+ 0.7; 3.3	18.6	+ 0.7; 4.4	18.2	+ 4.1
22	59	3.7	25.4	+ 0.8; 3.8	21.8	+ 0.8; 4.7	20.3	+ 4.6
28	257	5.8	25.0	+ 0.7; 3.7	21.4	+ 0.8; 4.7	21.8	+ 4.6
29	272	3.7	26.3	+ 0.8; 4.0	22.7	+ 0.8; 4.9	21.1	+ 4.6
30	295	3.5	26.3	+ 0.8; 3.7	22.7	+ 0.8; 4.8	21.1	+ 4.2
31	317	3.6	22.6	+ 0.7; 3.4	19.0	+ 0.7; 4.4	18.4	+ 4.0
32	327	4.3	27.5	+ 0.8; 4.1	23.9	+ 0.9; 5.0	21.4	+ 4.4
33	41	4.7	25.1	+ 0.8; 3.8	21.5	+ 0.8; 4.7	19.9	+ 4.0
34	54	5.5	25.4	+ 0.8; 3.8	21.8	+ 0.8; 4.7	21.0	+ 4.7
37	354	6.8	24.2	+ 0.7; 3.6	20.7	+ 0.8; 4.6	19.3	+ 4.3
39	1	5.7	23.3	+ 0.7; 3.5	19.7	+ 0.8; 4.5	18.9	+ 4.2
40	278	8.7	21.2	+ 0.6; 3.2	17.7	+ 0.7; 4.3	17.0	+ 3.9
41	34	11.0	27.8	+ 0.8; 4.2	24.2	+ 0.9; 5.0	24.9	+ 4.7
42	84	8.0	23.5	+ 0.7; 3.5	19.9	+ 0.8; 4.5	19.1	+ 4.2
46	41	0.6	23.5	+ 0.7; 3.5	19.9	+ 0.8; 4.5	18.5	+ 4.2
48	4	40.0	29.0	+ 0.9; 4.4	25.4	+ 0.9; 5.2	24.1	+ 4.5
49	4	40.0	30.0	+ 0.9; 4.5	26.4	+ 0.9; 5.3	24.2	+ 4.8

Transit Dose = 3.4 + 0.3; 2.9

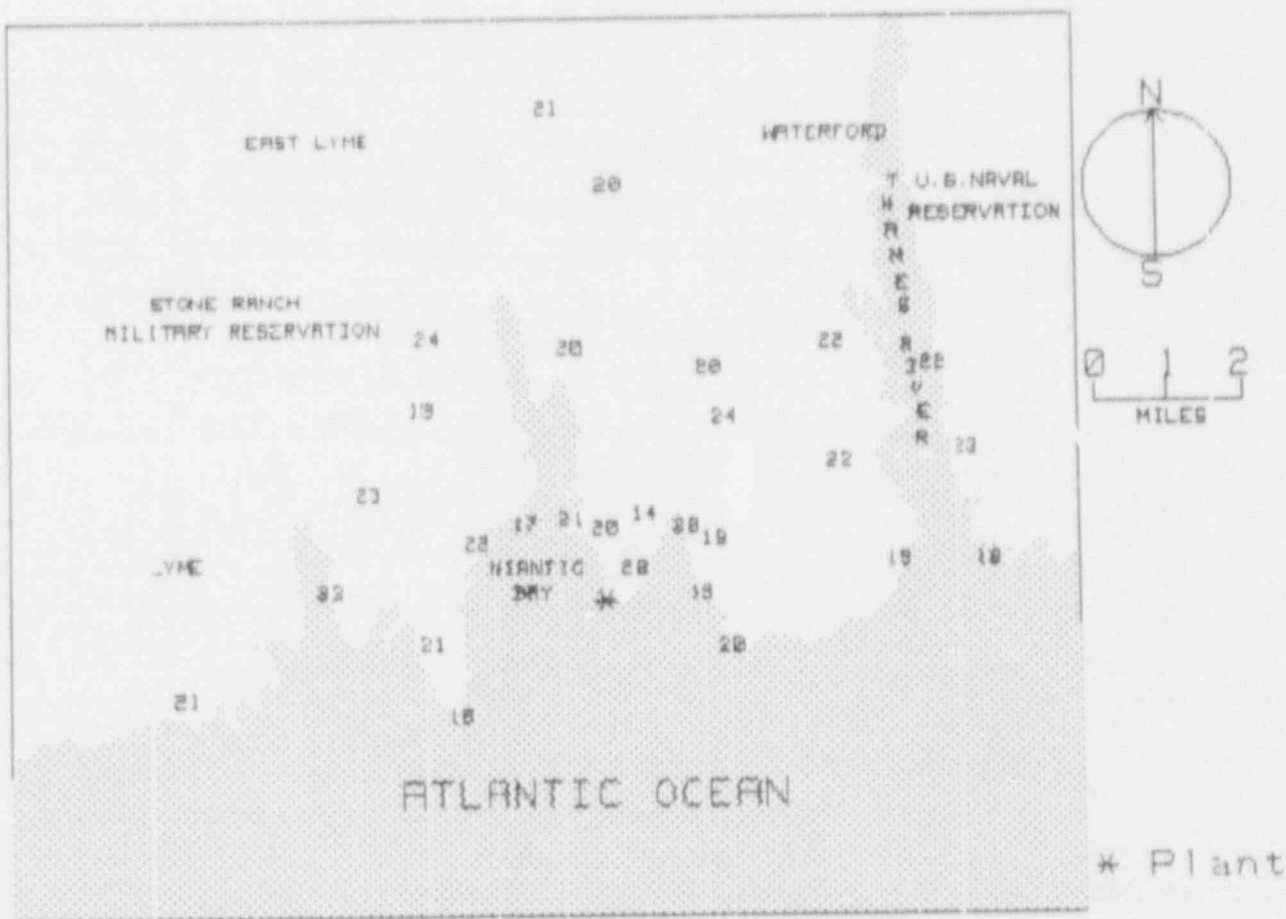
MILLSTONE
For the period 920313-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.1 +- 0.5	4
11.26 - 33.75 NNE	19.3 +- 4.9	3
33.76 - 56.25 NE	21.4 +- 1.6	6
56.26 - 78.75 ENE	21.5 +- 2.0	3
78.76 - 101.25 E	19.0 +- 0.8	4
101.26 - 123.75 ESE	19.9 +- 0.0	1
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	18.4 +- 0.0	1
236.26 - 258.75 WSW	21.2 +- 0.2	2
258.76 - 281.25 W	20.2 +- 3.6	2
281.26 - 303.75 WNW	22.4 +- 0.4	2
303.76 - 326.25 NW	18.1 +- 1.3	2
326.26 - 348.75 NNW	22.3 +- 2.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.3 +- 2.3	10
2 - 5	21.1 +- 1.9	12
> 5	20.7 +- 2.1	10
Upwind Control	25.9 +- 0.7	2

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



MONTICELLO

TLD Direct Radiation Environmental Monitoring

For the period 920310-920721 134 Days

Field Time: 72 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	133	3.6	21.1	+ 0.6; 3.2	16.7	+ 0.9; 5.3	16.9	+ 1.4
2	163	4.6	23.1	+ 0.7; 3.5	19.1	+ 1.0; 5.6	17.5	+ 1.4
3	183	4.1	22.5	+ 0.7; 3.4	18.4	+ 1.0; 5.5	17.8	+ 1.4
4	206	4.3	22.1	+ 0.7; 3.3	17.9	+ 1.0; 5.4	17.7	+ 1.4
5	230	.2	24.9	+ 0.7; 3.7	21.3	+ 1.1; 5.8	19.1	+ 1.7
6	253	4.6	22.6	+ 0.7; 3.4	18.5	+ 1.0; 5.5	18.0	+ 1.5
7	269	4.4	22.1	+ 0.7; 3.3	17.9	+ 1.0; 5.4	17.4	+ 1.4
8	286	4.0	23.1	+ 0.7; 3.5	19.2	+ 1.0; 5.6	18.2	+ 1.5
9	274	1.9	22.9	+ 0.7; 3.4	18.9	+ 1.0; 5.5	17.1	+ 1.3
10	244	1.3	20.5	+ 0.6; 3.1	15.8	+ 0.9; 5.2	15.6	+ 1.5
11	226	0.9	21.3	+ 0.6; 3.2	16.9	+ 1.0; 5.3	16.8	+ 1.5
12	181	1.8	22.0	+ 0.7; 3.3	17.7	+ 1.0; 5.4	17.1	+ 1.4
13	137	1.7	22.2	+ 0.7; 3.3	18.1	+ 1.0; 5.5	17.2	+ 1.4
14	155	1.0	21.8	+ 0.7; 3.3	17.5	+ 1.0; 5.4	17.1	+ 1.2
15	208	0.6	22.9	+ 0.7; 3.4	18.9	+ 1.0; 5.5	16.6	+ 1.3
16	284	2.0	21.9	+ 0.7; 3.3	17.7	+ 1.0; 5.4	16.7	+ 1.2
17	113	1.6	22.3	+ 0.7; 3.3	18.1	+ 1.0; 5.5	16.8	+ 1.8
18	85	1.1	22.9	+ 0.7; 3.4	18.8	+ 1.0; 5.5	16.6	+ 1.3
19	63	1.2	21.9	+ 0.7; 3.3	17.6	+ 1.0; 5.4	16.9	+ 1.4
20	37	1.7	22.2	+ 0.7; 3.3	18.0	+ 1.0; 5.4	16.9	+ 1.1
21	23	0.8	21.5	+ 0.6; 3.2	17.1	+ 1.0; 5.3	17.0	+ 1.3
22	354	0.7	22.3	+ 0.7; 3.4	18.2	+ 1.0; 5.5	17.2	+ 1.4
23	338	0.8	22.1	+ 0.7; 3.3	17.8	+ 1.0; 5.4	17.2	+ 1.4
24	307	1.8	Missing Dosimeter		No Net Data		17.1	+ 1.4
25	339	4.1	21.5	+ 0.6; 3.2	17.1	+ 1.0; 5.3	16.6	+ 1.4
26	320	6.0	21.5	+ 0.6; 3.2	17.1	+ 1.0; 5.3	16.5	+ 1.7
27	354	4.5	21.4	+ 0.6; 3.2	17.0	+ 1.0; 5.3	16.9	+ 1.6
28	17	3.7	17.7	+ 0.7; 3.3	17.4	+ 1.0; 5.4	15.8	+ 1.4
29	50	4.0	20.0	+ 0.6; 3.0	15.3	+ 0.9; 5.1	16.0	+ 1.6
30	77	3.6	22.3	+ 0.7; 3.3	18.2	+ 1.0; 5.5	16.9	+ 1.4
31	115	3.3	20.7	+ 0.6; 3.1	16.1	+ 0.9; 5.2	16.8	+ 1.4
32	90	4.6	19.5	+ 0.6; 2.9	14.6	+ 0.9; 5.1	16.5	+ 2.2
33	323	16.0	21.8	+ 0.7; 3.3	17.5	+ 1.0; 5.4	16.6	+ 1.6
34	323	16.0	22.2	+ 0.7; 3.3	18.0	+ 1.0; 5.4	16.4	+ 1.5
35	323	16.0	22.8	+ 0.7; 3.4	18.7	+ 1.0; 5.5	17.3	+ 1.6

Transit Dose = 7.8 +- 0.4; 2.8

MONTICELLO

For the period 920310-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.6 +- 0.8	2
11.26 - 33.75 NNE	17.2 +- 0.2	2
33.76 - 56.25 NE	16.6 +- 1.9	2
56.26 - 78.75 ENE	17.9 +- 0.4	2
78.76 - 101.25 E	16.7 +- 3.0	2
101.26 - 123.75 ESE	17.1 +- 1.4	2
123.76 - 146.25 SE	17.4 +- 1.0	2
146.26 - 168.75 SSE	18.3 +- 1.1	2
168.76 - 191.25 S	18.1 +- 0.5	2
191.26 - 213.75 SSW	18.4 +- 0.7	2
213.76 - 236.25 SW	19.1 +- 3.1	2
236.26 - 258.75 WSW	17.1 +- 1.9	2
258.76 - 281.25 W	18.4 +- 0.7	2
281.26 - 303.75 WNW	18.4 +- 1.1	2
303.76 - 326.25 NW	17.1 +- 0.0	1
326.26 - 348.75 NNW	17.5 +- 0.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.8 +- 0.8	15
2 - 5	17.6 +- 1.7	15
> 5	17.1 +- 0.0	1
Upwind Control	18.0 +- 0.6	3

MAP FOR MONTICELLO

Map will be provided for this site in the future.

NORTH ANNA
 TLD Direct Radiation Environmental Monitoring
 For the period 920312-920728 139 Days
 Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Dev.)		Hist. Range Net Exp Rate	
	Azimuth/ (Deg)	Dist (Mi)	+Rdm	Tot.	+Rdm	Tot.	+1 Std Dev	-1 Std Dev
1	243	1.8	25.0	+ 0.8; 3.1	20.3	+ 0.8; 4.7	21.2	+ 1.6
2	263	1.6	21.8	+ 0.7; 3.1	17.2	+ 0.7; 4.3	18.0	+ 1.4
3	296	1.0	21.0	+ 0.6; 3.2	16.5	+ 0.7; 4.2	18.2	+ 1.5
4	311	1.3	27.1	+ 0.8; 4.1	22.3	+ 0.9; 4.9	22.3	+ 1.5
5	329	1.3	22.8	+ 0.7; 3.4	18.2	+ 0.7; 4.4	19.1	+ 1.3
6	231	3.9	24.8	+ 0.7; 3.7	20.2	+ 0.8; 4.6	20.5	+ 1.4
7	224	1.7	25.6	+ 0.8; 3.8	20.9	+ 0.8; 4.7	19.9	+ 1.3
8	210	1.6	23.0	+ 0.7; 3.5	18.4	+ 0.7; 4.4	18.2	+ 1.4
9	181	1.4	20.8	+ 0.6; 3.1	16.2	+ 0.7; 4.2	16.2	+ 1.3
10	155	1.0	29.4	+ 0.9; 4.4	24.6	+ 0.9; 5.2	24.0	+ 1.6
11	136	1.6	23.2	+ 0.7; 3.5	18.6	+ 0.8; 4.5	18.2	+ 1.7
12	163	3.5	24.3	+ 0.7; 3.6	19.5	+ 0.8; 4.6	19.4	+ 1.5
13	190	3.3	22.2	+ 0.7; 3.3	17.6	+ 0.7; 4.4	17.7	+ 1.4
14	205	4.9	21.4	+ 0.6; 3.2	16.8	+ 0.7; 4.3	17.1	+ 1.2
15	140	4.2	24.0	+ 0.7; 3.6	19.4	+ 0.8; 4.6	19.1	+ 1.3
16	113	4.9	26.6	+ 0.8; 4.0	21.9	+ 0.8; 4.8	23.1	+ 1.6
17	93	3.3	20.4	+ 0.6; 3.1	15.9	+ 0.7; 4.2	16.2	+ 1.3
18	64	4.1	24.6	+ 0.7; 3.7	19.9	+ 0.8; 4.6	19.2	+ 1.5
19	78	2.7	33.0	+ 1.0; 4.9	28.0	+ 1.0; 5.6	28.3	+ 1.5
20	97	1.9	25.4	+ 0.8; 3.8	20.7	+ 0.8; 4.7	20.3	+ 1.9
21	105	1.7	21.5	+ 0.6; 3.2	16.9	+ 0.7; 4.3	16.9	+ 1.2
22	60	2.4	21.8	+ 0.7; 3.3	17.2	+ 0.7; 4.3	17.3	+ 1.3
23	37	1.4	23.4	+ 0.7; 3.5	18.7	+ 0.8; 4.5	19.1	+ 1.3
24	16	1.6	29.1	+ 0.9; 4.4	24.3	+ 0.9; 5.1	23.9	+ 1.7
25	48	3.5	20.9	+ 0.6; 3.1	16.4	+ 0.7; 4.2	16.2	+ 2.1
26	17	3.7	23.8	+ 0.7; 3.6	19.2	+ 0.8; 4.5	19.5	+ 1.4
27	3	4.8	21.8	+ 0.7; 3.3	17.2	+ 0.7; 4.3	17.5	+ 1.9
28	348	4.0	21.8	+ 0.7; 3.3	17.2	+ 0.7; 4.3	17.4	+ 1.3
29	2	1.9	22.0	+ 0.7; 3.3	17.5	+ 0.7; 4.3	16.8	+ 1.1
30	284	5.0	21.4	+ 0.6; 3.2	16.9	+ 0.7; 4.3	17.5	+ 1.4
31	310	4.7	25.0	+ 0.7; 3.7	20.3	+ 0.8; 4.7	20.3	+ 1.9
32	273	4.9	19.5	+ 0.6; 2.9	15.0	+ 0.7; 4.1	14.0	+ 1.7
33	257	5.1	21.7	+ 0.6; 3.2	17.1	+ 0.7; 4.3	18.6	+ 1.6
34	242	7.1	24.4	+ 0.7; 3.7	19.8	+ 0.8; 4.6	19.6	+ 1.5
35	255	11.0	22.0	+ 0.7; 3.3	17.4	+ 0.7; 4.3	18.6	+ 1.8
36	248	15.0	23.2	+ 0.7; 3.5	18.6	+ 0.8; 4.5	18.3	+ 1.4
37	247	17.0	22.8	+ 0.7; 3.4	18.2	+ 0.7; 4.4	17.6	+ 1.3
38	244	19.0	20.6	+ 0.6; 3.1	16.0	+ 0.7; 4.2	17.0	+ 1.7

Transit Dose = 4.0 + 0.4; 3.0

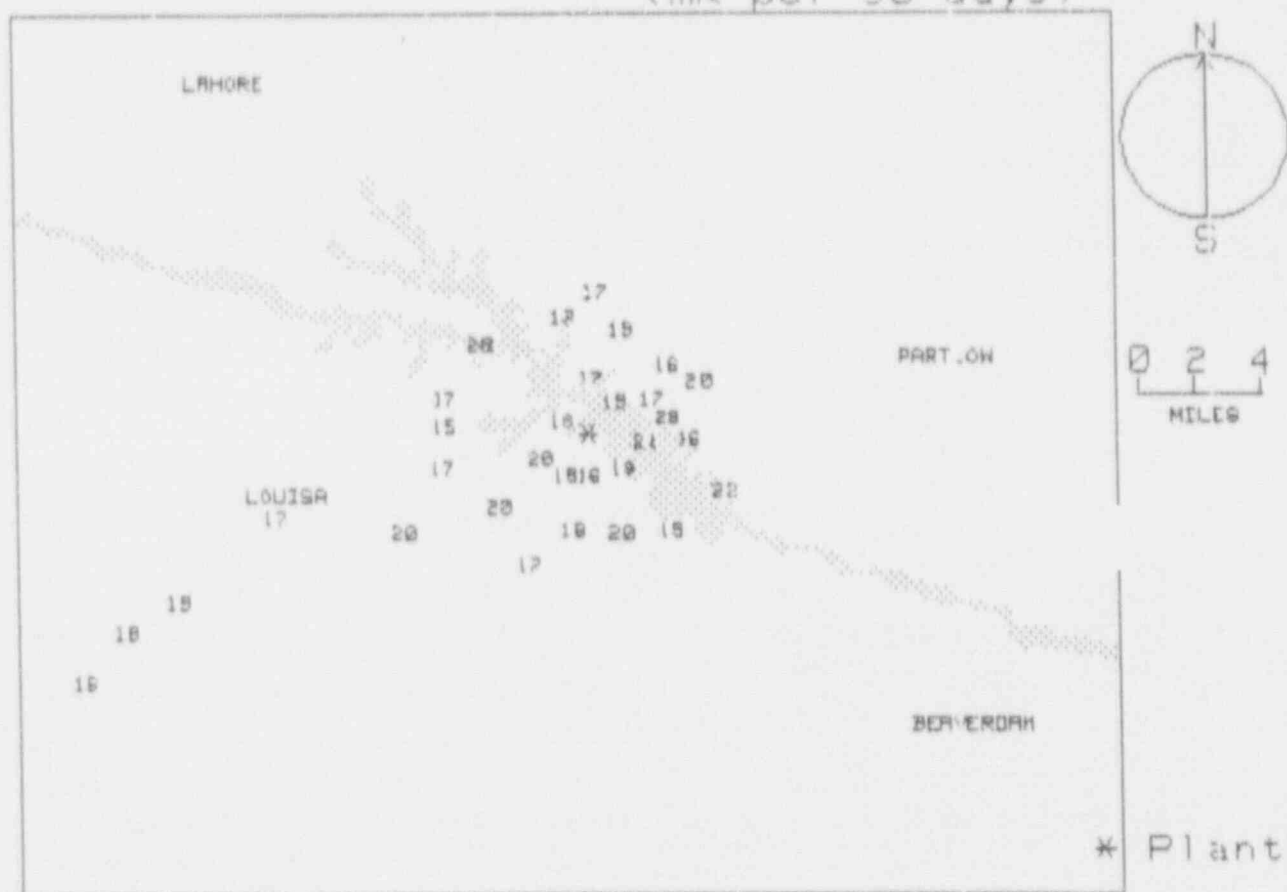
NORTH ANNA
For the period 920312-920728

TLD Direct Radiation Environmental Monitoring

Alimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.3 +- 0.2	2
11.26 - 33.75 NNE	21.7 +- 3.6	2
33.76 - 56.25 NE	17.5 +- 1.7	2
56.26 - 78.75 ENE	21.7 +- 5.6	3
78.76 - 101.25 E	18.3 +- 3.4	2
101.26 - 123.75 ESE	19.4 +- 3.5	2
123.76 - 146.25 SE	19.0 +- 0.5	2
146.26 - 168.75 SSE	22.1 +- 3.6	2
168.76 - 191.25 S	16.9 +- 1.0	2
191.26 - 213.75 SSW	17.6 +- 1.2	2
213.76 - 236.25 SW	20.5 +- 0.5	2
236.26 - 258.75 WSW	18.6 +- 1.7	4
258.76 - 281.25 W	16.1 +- 1.6	2
281.26 - 303.75 WNW	16.7 +- 0.3	2
303.76 - 326.25 NW	21.3 +- 1.4	2
326.26 - 348.75 NNW	17.7 +- 0.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.4 +- 2.7	19
2 - 5	18.7 +- 3.0	17
> 5	18.1 +- 1.5	3
Upwind Control	17.6 +- 1.4	3

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



OCONEE

TLD Direct Radiation Environmental Monitoring

For the period 920312-920716 127 Days

Field Time: 85 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	158	7.5	25.2 +- 0.8; 3.8	21.7 +- 0.9; 5.0	22.9 +- 2.4
	133	4.9	28.1 +- 0.8; 4.2	24.8 +- 1.0; 5.4	25.8 +- 2.3
3	119	4.3	29.1 +- 0.9; 4.4	25.9 +- 1.0; 5.5	24.4 +- 2.2
4	84	4.7	27.7 +- 0.8; 4.2	24.4 +- 1.0; 5.3	24.9 +- 1.8
5	65	4.0	27.8 +- 0.8; 4.2	24.5 +- 1.0; 5.4	23.7 +- 2.9
6	52	1.8	27.6 +- 0.8; 4.1	24.2 +- 1.0; 5.3	25.1 +- 2.4
7	22	3.5	28.7 +- 0.9; 4.3	25.4 +- 1.0; 5.5	25.3 +- 2.3
8	33	1.4	27.5 +- 0.8; 4.1	24.1 +- 0.9; 5.3	25.1 +- 2.9
9	52	1.8	25.0 +- 0.8; 3.8	21.5 +- 0.9; 5.0	20.0 +- 2.0
10	67	1.1	Missing Dosimeter	No Net Data	16.9 +- 2.4
11	107	1.9	23.2 +- 0.7; 3.5	19.6 +- 0.8; 4.8	19.4 +- 2.0
12	87	1.0	26.0 +- 0.8; 3.9	22.5 +- 0.9; 5.1	22.3 +- 2.4
13	142	0.7	26.0 +- 0.8; 4.0	23.1 +- 0.9; 5.2	22.9 +- 1.8
14	166	0.7	20.0 +- 0.6; 3.1	17.2 +- 0.8; 4.5	19.9 +- 2.0
15	226	1.7	25.1 +- 0.8; 3.8	21.6 +- 0.9; 5.0	22.1 +- 2.1
16	207	1.4	25.4 +- 0.8; 3.8	22.0 +- 0.9; 5.0	21.5 +- 1.8
17	182	2.2	21.6 +- 0.6; 3.2	17.9 +- 0.8; 4.6	18.6 +- 1.8
18	186	3.8	24.2 +- 0.7; 3.6	20.7 +- 0.9; 4.9	19.5 +- 2.0
19	155	4.1	28.0 +- 0.8; 4.2	24.7 +- 1.0; 5.4	23.6 +- 0.9
20	203	8.4	22.5 +- 0.7; 3.4	18.8 +- 0.8; 4.7	18.4 +- 2.5
21	210	4.6	23.2 +- 0.7; 3.5	19.6 +- 0.8; 4.8	19.8 +- 2.2
22	227	4.8	24.9 +- 0.7; 3.7	21.4 +- 0.9; 5.0	21.7 +- 3.1
23	240	3.6	22.4 +- 0.7; 3.4	18.8 +- 0.8; 4.7	20.6 +- 2.6
24	268	3.6	23.0 +- 0.8; 4.2	24.7 +- 1.0; 5.4	24.2 +- 2.0
25	257	1.9	22.4 +- 0.7; 3.4	18.7 +- 0.8; 4.7	19.4 +- 2.4
26	293	3.6	26.4 +- 0.8; 4.0	22.9 +- 0.9; 5.2	21.0 +- 2.4
27	311	3.5	21.7 +- 0.7; 3.3	18.0 +- 0.8; 4.6	18.3 +- 1.7
28	288	2.0	23.7 +- 0.7; 3.5	20.1 +- 0.8; 4.8	20.4 +- 2.2
29	275	1.8	22.6 +- 0.7; 3.4	18.9 +- 0.8; 4.7	19.4 +- 1.8
30	321	1.8	25.7 +- 0.8; 3.9	22.3 +- 0.9; 5.1	21.7 +- 2.2
31	344	2.0	25.7 +- 0.7; 3.3	18.0 +- 0.8; 4.6	17.6 +- 2.1
32	336	3.7	29.9 +- 0.9; 4.5	26.7 +- 1.0; 5.6	26.1 +- 2.5
33	358	4.5	24.8 +- 0.7; 3.7	21.2 +- 0.9; 5.0	22.0 +- 2.6
34	256	9.4	30.7 +- 0.9; 4.6	27.6 +- 1.0; 5.7	27.8 +- 2.3
35	149	21.0	26.5 +- 0.8; 4.0	23.1 +- 0.9; 5.2	22.9 +- 2.8
36	126	8.2	27.9 +- 0.8; 4.2	24.6 +- 0.9; 5.4	24.7 +- 2.2
37	96	9.7	29.1 +- 0.9; 4.4	25.9 +- 0.9; 5.5	24.1 +- 1.8
38	32	16.0	33.1 +- 1.0; 5.0	30.1 +- 1.1; 6.1	30.1 +- 3.5
39	31	16.0	29.3 +- 0.9; 4.4	26.0 +- 1.0; 5.5	25.4 +- 3.3
40	29	16.0	30.0 +- 0.9; 4.5	26.8 +- 1.0; 5.6	27.1 +- 1.9

Transit Dose = 4.7 +- 0.4; 2.9

OCONEE

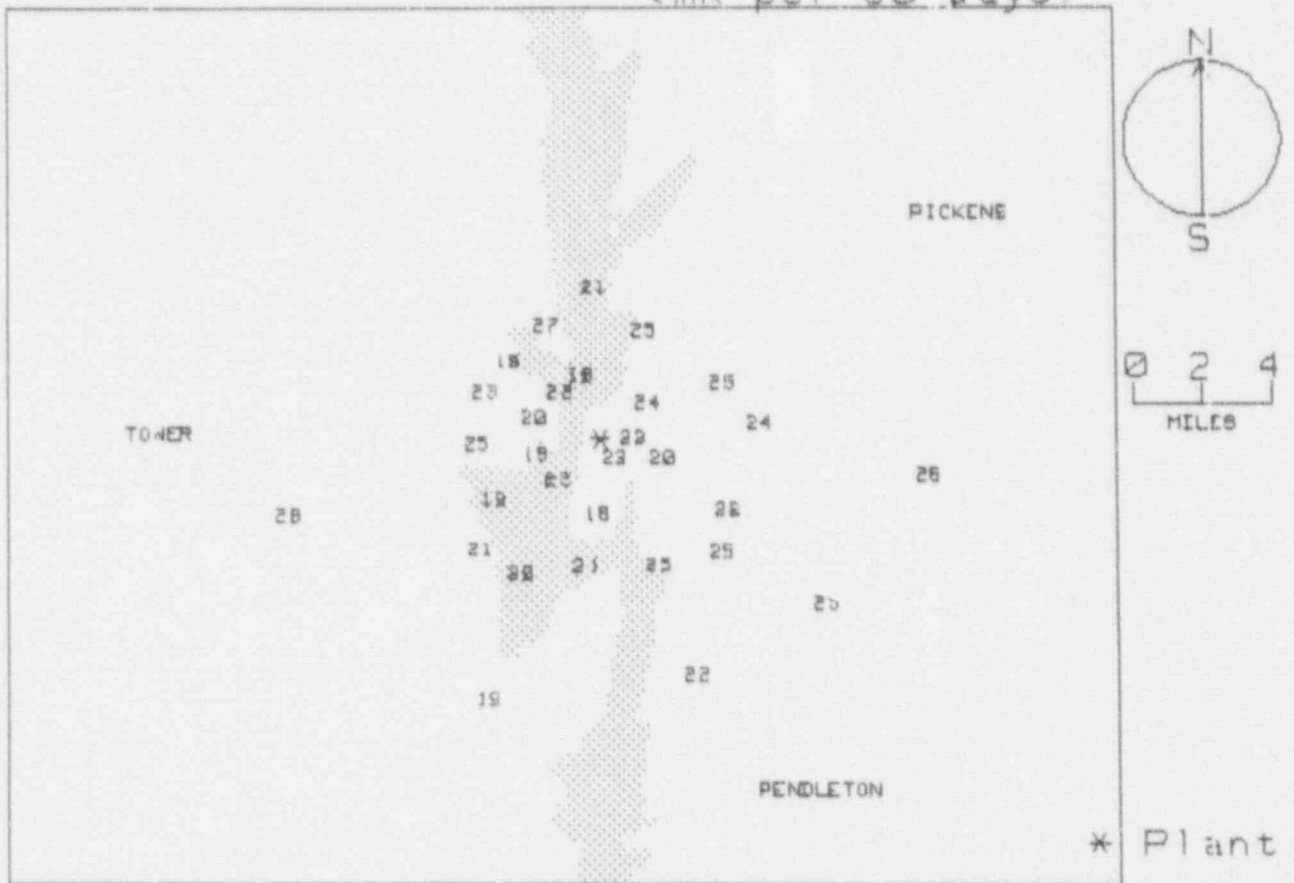
For the period 920312-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	21.2 +- 0.0	1
11.26 - 33.75 NNE	24.8 +- 0.9	2
33.76 - 56.25 NE	22.9 +- 1.9	2
56.26 - 78.75 ENE	24.5 +- 0.0	1
78.76 - 101.25 E	24.3 +- 1.7	3
101.26 - 123.75 ESE	22.7 +- 4.4	2
123.76 - 146.25 SE	24.2 +- 0.9	3
146.26 - 168.75 SSE	21.7 +- 3.2	4
168.76 - 191.25 S	19.3 +- 1.9	2
191.26 - 213.75 SSW	20.1 +- 1.6	3
213.76 - 236.25 SW	21.5 +- 0.1	2
236.26 - 258.75 WSW	21.7 +- 5.1	3
258.76 - 281.25 W	21.8 +- 4.1	2
281.26 - 303.75 WNW	21.5 +- 2.0	2
303.76 - 326.25 NW	20.1 +- 3.0	2
326.26 - 348.75 NNW	22.4 +- 6.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	21.0 +- 2.3	14
2 - 5	22.6 +- 2.9	16
> 5	23.6 +- 3.1	6
Upwind Control	27.6 +- 2.2	3

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



OYSTER CREEK

TLD Direct Radiation Environmental Monitoring

For the period 920313-920723 133 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	141 0.5	13.9 +- 0.4; 2.1	11.2 +- 0.5; 3.4	11.5 +- 1.3
2	120 0.9	13.5 +- 0.4; 2.0	10.8 +- 0.5; 3.4	11.5 +- 1.6
3	105 1.5	15.0 +- 0.4; 2.2	12.3 +- 0.5; 3.5	12.6 +- 1.5
4	127 1.5	14.3 +- 0.4; 2.1	11.6 +- 0.5; 3.5	11.4 +- 3.2
5	137 1.3	14.3 +- 0.4; 2.1	11.6 +- 0.5; 3.5	11.7 +- 3.4
6	158 1.2	Missing Dosimeter	No Net Data	11.3 +- 3.0
7	176 2.2	14.3 +- 0.4; 2.1	11.6 +- 0.5; 3.5	11.9 +- 3.3
8	179 1.6	14.8 +- 0.4; 2.2	12.1 +- 0.5; 3.5	11.6 +- 3.3
9	159 2.8	14.2 +- 0.4; 2.1	11.5 +- 0.5; 3.5	10.4 +- 3.0
10	187 8.4	15.6 +- 0.5; 2.3	12.9 +- 0.5; 3.6	11.4 +- 3.3
11	173 4.4	13.3 +- 0.4; 2.0	10.7 +- 0.5; 3.4	11.8 +- 3.4
12	196 4.2	14.0 +- 0.4; 2.1	11.3 +- 0.5; 3.4	12.6 +- 1.8
13	198 8.6	14.3 +- 0.4; 2.1	11.6 +- 0.5; 3.5	10.7 +- 2.9
14	185 10.0	15.8 +- 0.5; 2.4	13.1 +- 0.5; 3.6	13.9 +- 1.8
15	171 11.0	14.5 +- 0.4; 2.2	11.8 +- 0.5; 3.5	10.9 +- 3.1
16	154 8.2	14.7 +- 0.4; 2.2	12.0 +- 0.5; 3.5	11.6 +- 3.2
17	126 6.3	15.3 +- 0.5; 2.3	12.6 +- 0.5; 3.6	12.7 +- 1.9
18	220 4.6	13.2 +- 0.4; 2.0	10.6 +- 0.5; 3.4	10.7 +- 3.1
19	231 5.3	14.0 +- 0.4; 2.2	12.3 +- 0.5; 3.5	11.0 +- 2.8
20	211 1.6	13.7 +- 0.4; 2.0	10.7 +- 0.5; 3.4	10.6 +- 2.8
22	258 1.5	14.3 +- 0.4; 2.2	11.7 +- 0.5; 3.5	11.3 +- 3.0
23	271 1.2	Missing Dosimeter	No Net Data	11.2 +- 3.2
24	297 1.3	Missing Dosimeter	No Net Data	12.0 +- 3.5
25	318 1.5	14.0 +- 0.4; 2.1	11.3 +- 0.5; 3.4	10.8 +- 3.2
26	341 3.2	16.6 +- 0.5; 2.5	13.8 +- 0.6; 3.7	13.3 +- 1.9
27	330 4.6	13.6 +- 0.4; 2.0	10.9 +- 0.5; 3.4	12.1 +- 3.3
28	358 3.2	13.3 +- 0.4; 2.0	10.6 +- 0.5; 3.4	11.1 +- 3.2
29	4 1.8	14.7 +- 0.4; 2.2	12.0 +- 0.5; 3.5	11.6 +- 3.2
30	19 0.8	14.3 +- 0.4; 2.1	11.6 +- 0.5; 3.5	11.6 +- 1.4
31	69 1.4	17.8 +- 0.5; 2.7	15.0 +- 0.6; 3.8	11.7 +- 3.3
32	78 2.5	12.4 +- 0.4; 1.9	9.8 +- 0.5; 3.2	10.9 +- 1.8
33	85 2.2	12.8 +- 0.4; 1.9	10.2 +- 0.5; 3.4	10.8 +- 3.0
34	38 1.7	13.8 +- 0.4; 2.1	11.2 +- 0.5; 3.4	11.6 +- 1.6
35	24 1.9	14.2 +- 0.4; 2.1	11.6 +- 0.5; 3.5	12.6 +- 3.9
36	50 3.0	15.0 +- 0.5; 2.3	12.4 +- 0.5; 3.5	12.9 +- 2.1
37	46 4.8	13.1 +- 0.4; 2.0	10.4 +- 0.5; 3.4	11.4 +- 1.4
38	27 4.0	14.7 +- 0.4; 2.2	12.0 +- 0.5; 3.5	12.3 +- 3.2
39	12 8.9	14.5 +- 0.4; 2.2	11.8 +- 0.5; 3.5	11.8 +- 3.1
40	10 8.7	13.5 +- 0.4; 2.0	10.9 +- 0.5; 3.4	11.0 +- 3.0
41	3 9.9	15.6 +- 0.5; 2.3	12.9 +- 0.5; 3.6	11.7 +- 3.7
42	38 10.0	13.5 +- 0.4; 2.0	10.9 +- 0.5; 3.4	12.6 +- 1.7
43	46 9.1	17.7 +- 0.5; 2.7	14.9 +- 0.6; 3.8	14.0 +- 3.8
44	73 6.5	13.5 +- 0.4; 2.0	10.9 +- 0.5; 3.4	10.8 +- 3.0
45	79 6.0	14.2 +- 0.4; 2.1	11.6 +- 0.5; 3.5	12.3 +- 3.3
46	278 20.0	15.6 +- 0.5; 2.3	12.9 +- 0.5; 3.6	12.3 +- 3.2
47	278 20.0	15.6 +- 0.5; 2.3	12.9 +- 0.5; 3.6	12.3 +- 3.1

Transit Dose = 2.3 +- 0.3; 2.9

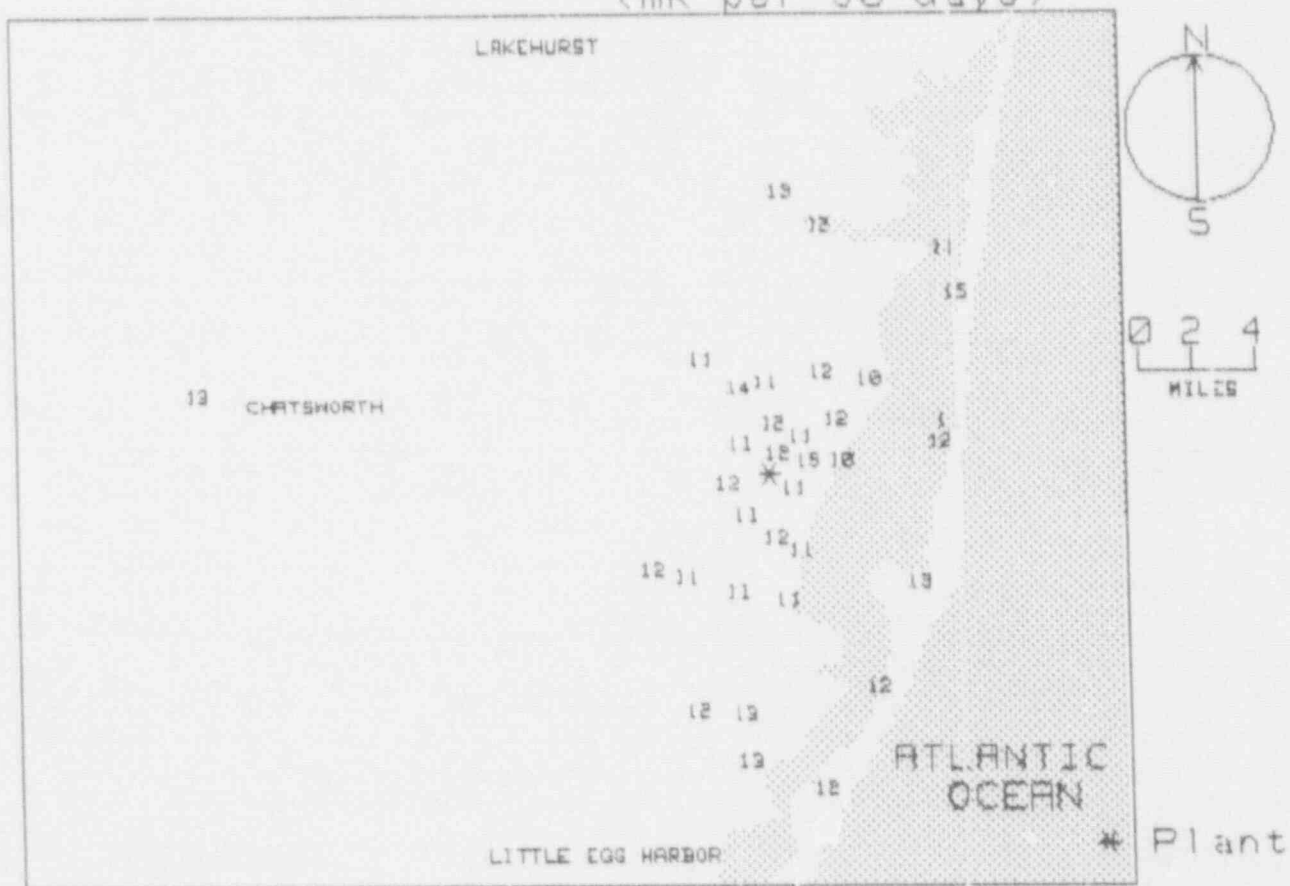
OYSTER CREEK
For the period 920313-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.6 +- 1.0	4
11.26 - 33.75 NNE	11.7 +- 0.2	4
33.76 - 56.25 NE	11.9 +- 1.8	5
56.26 - 78.75 ENE	11.9 +- 2.8	3
78.76 - 101.25 E	10.9 +- 1.0	2
101.26 - 123.75 ESE	11.6 +- 1.0	2
123.76 - 146.25 SE	11.8 +- 0.6	4
146.26 - 168.75 SSE	11.8 +- 0.4	2
168.76 - 191.25 S	12.0 +- 0.9	6
191.26 - 213.75 SSW	11.2 +- 0.5	3
213.76 - 236.25 SW	11.4 +- 1.2	2
236.26 - 258.75 WSW	11.7 +- 0.6	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	11.3 +- 0.0	1
326.26 - 348.75 NNW	12.4 +- 2.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.8 +- 1.0	14
2 - 5	11.2 +- 1.1	13
> 5	12.2 +- 1.1	14
Upwind Control	12.9 +- 0.0	2

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



PALISADES

TLD Direct Radiation Environmental Monitoring

For the period 920310-920722 135 Days

Field Time: 98 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	195	4.9	19.4 +- 0.6; 2.9	12.6 +- 0.7; 4.0	13.7 +- 2.1
2	173	4.6	Missing Dosimeter	No Net Data	14.3 +- 2.4
3	156	3.9	21.9 +- 0.7; 3.3	14.9 +- 0.7; 4.3	15.3 +- 2.0
4	132	4.6	21.8 +- 0.7; 3.3	14.8 +- 0.7; 4.3	14.2 +- 2.1
5	118	3.3	22.5 +- 0.7; 3.4	15.5 +- 0.7; 4.3	15.2 +- 2.5
6	152	1.8	Missing Dosimeter	No Net Data	14.1 +- 2.2
7	196	2.2	19.7 +- 0.6; 3.0	12.9 +- 0.7; 4.1	13.7 +- 2.2
8	178	1.6	19.7 +- 0.6; 3.0	12.9 +- 0.7; 4.1	14.6 +- 2.4
9	200	0.9	21.4 +- 0.6; 3.2	14.5 +- 0.7; 4.2	14.1 +- 2.2
10	124	1.8	18.4 +- 0.6; 2.8	11.7 +- 0.6; 4.0	14.8 +- 2.9
11	107	1.6	21.5 +- 0.6; 3.2	14.6 +- 0.7; 4.3	14.7 +- 2.1
12	90	1.5	18.0 +- 0.5; 2.7	11.3 +- 0.6; 3.9	13.9 +- 2.3
13	65	1.7	22.0 +- 0.7; 3.3	15.0 +- 0.7; 4.3	14.2 +- 2.1
14	51	1.9	20.8 +- 0.6; 3.1	13.9 +- 0.7; 4.2	14.0 +- 2.0
15	74	3.7	18.1 +- 0.5; 2.7	11.4 +- 0.6; 3.9	13.4 +- 2.7
16	90	3.6	17.5 +- 0.5; 2.6	10.9 +- 0.6; 3.9	13.5 +- 2.5
17	98	10.0	21.3 +- 0.6; 3.2	14.4 +- 0.7; 4.2	15.3 +- 2.2
18	47	4.5	21.2 +- 0.6; 3.2	14.3 +- 0.7; 4.2	16.1 +- 2.1
19	23	1.5	17.6 +- 0.5; 2.6	11.0 +- 0.6; 3.9	13.4 +- 2.7
20	32	4.8	20.9 +- 0.6; 3.1	14.0 +- 0.7; 4.2	16.1 +- 2.5
21	29	7.0	21.1 +- 0.6; 3.2	14.2 +- 0.7; 4.2	15.2 +- 1.9
22	99	15.0	21.6 +- 0.6; 3.2	14.6 +- 0.7; 4.3	15.5 +- 2.3
23	98	18.0	21.3 +- 0.6; 3.2	14.4 +- 0.7; 4.2	15.3 +- 2.1
24	98	18.0	21.5 +- 0.6; 3.2	14.5 +- 0.7; 4.2	15.3 +- 2.3

Transit Dose = 5.7 +- 0.4; 3.3

PALISADES

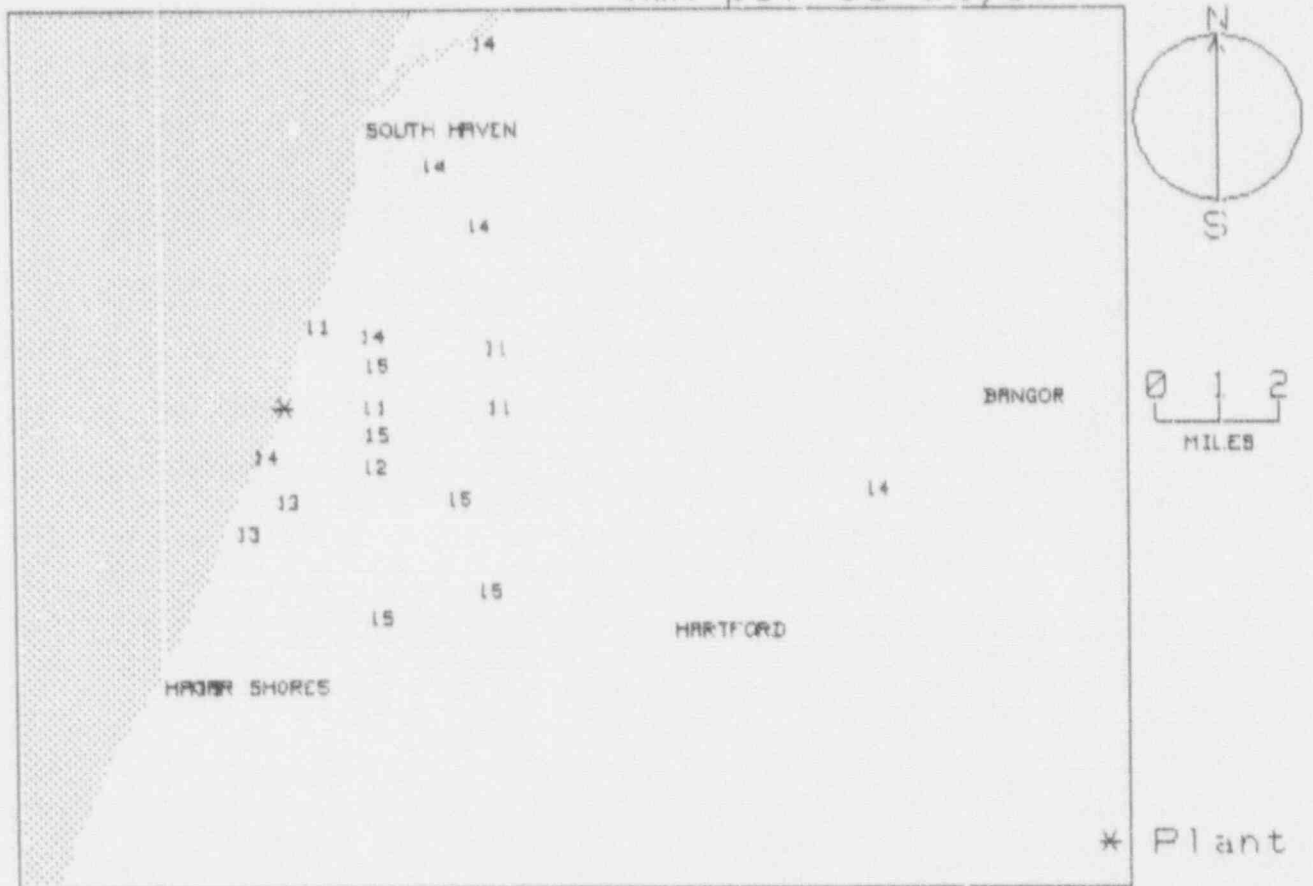
For the period 920310-920722

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	13.1 +- 1.8	3
33.76 - 56.25 NE	14.1 +- 0.3	2
56.26 - 78.75 ENE	13.2 +- 2.5	2
78.76 - 101.25 E	12.2 +- 1.9	3
101.26 - 123.75 ESE	15.0 +- 0.7	2
123.76 - 146.25 SE	13.2 +- 2.2	2
146.26 - 168.75 SSE	14.9 +- 0.0	1
168.76 - 191.25 S	12.9 +- 0.0	1
191.26 - 213.75 SSW	13.3 +- 1.0	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.1 +- 1.6	8
2 - 5	13.5 +- 1.6	9
> 5	14.3 +- 0.2	2
Upwind Control	14.3 +- 0.1	3

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



PALO VERDE

TLD Direct Radiation Environmental Monitoring

For the period 920309-920721 135 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	74	23.0	24.2	+ 0.7; 3.6	20.1	+ 0.8; 4.5	20.0	+ 1.7
2	92	21.0	25.2	+ 0.8; 3.8	21.1	+ 0.8; 4.7	21.1	+ 2.1
3	89	15.0	24.7	+ 0.7; 3.7	20.5	+ 0.8; 4.6	20.2	+ 2.0
4	103	11.0	25.2	+ 0.8; 3.8	21.1	+ 0.8; 4.7	20.5	+ 2.0
5	140	7.4	26.3	+ 0.8; 3.9	22.1	+ 0.8; 4.8	21.5	+ 2.0
6	142	3.1	24.9	+ 0.7; 3.7	20.8	+ 0.8; 4.6	20.7	+ 1.8
7	162	2.6	25.1	+ 0.8; 3.8	20.9	+ 0.8; 4.6	20.8	+ 1.9
8	168	2.6	25.0	+ 0.7; 3.7	20.9	+ 0.8; 4.6	20.8	+ 2.0
9	193	2.6	27.3	+ 0.8; 4.1	23.1	+ 0.9; 4.9	22.4	+ 1.9
10	215	3.1	26.6	+ 0.8; 4.0	22.4	+ 0.8; 4.8	22.2	+ 2.0
11	200	1.7	26.1	+ 0.8; 3.9	22.0	+ 0.8; 4.8	22.3	+ 2.0
12	214	1.0	25.2	+ 0.8; 3.8	21.1	+ 0.8; 4.7	21.5	+ 1.8
13	242	0.7	28.5	+ 0.9; 4.3	24.3	+ 0.9; 5.0	23.7	+ 2.2
14	263	0.6	26.7	+ 0.8; 4.0	22.5	+ 0.8; 4.8	22.1	+ 2.0
15	295	0.6	26.6	+ 0.8; 4.0	22.4	+ 0.8; 4.8	21.6	+ 2.0
16	325	1.0	25.6	+ 0.8; 3.8	21.5	+ 0.8; 4.7	21.7	+ 1.8
17	347	1.8	27.6	+ 0.8; 4.1	23.4	+ 0.9; 4.9	22.4	+ 1.9
18	0	2.4	27.4	+ 0.8; 4.1	23.2	+ 0.9; 4.9	23.0	+ 1.9
19	18	1.5	24.4	+ 0.7; 3.7	20.3	+ 0.8; 4.6	20.5	+ 1.8
20	37	2.0	26.0	+ 0.8; 3.9	21.8	+ 0.8; 4.7	21.6	+ 1.7
21	58	2.3	26.7	+ 0.8; 4.0	22.5	+ 0.8; 4.8	22.8	+ 2.1
22	75	2.8	26.9	+ 0.8; 4.0	22.7	+ 0.8; 4.8	23.1	+ 1.7
23	93	4.4	26.3	+ 0.8; 3.9	22.2	+ 0.8; 4.8	22.0	+ 2.0
24	101	3.3	26.1	+ 0.8; 3.9	22.0	+ 0.8; 4.8	21.9	+ 2.5
25	346	2.9	26.1	+ 0.8; 3.9	22.0	+ 0.8; 4.8	21.8	+ 1.9
26	334	4.3	29.9	+ 0.9; 4.5	25.6	+ 0.9; 5.2	24.3	+ 2.0
27	333	7.9	30.9	+ 0.9; 4.6	26.6	+ 1.0; 5.3	24.4	+ 2.5
28	0	7.0	27.9	+ 0.8; 4.2	23.6	+ 0.9; 5.0	22.7	+ 2.0
29	9	4.2	29.0	+ 0.9; 4.3	24.7	+ 0.9; 5.1	23.6	+ 2.0
30	27	3.6	28.2	+ 0.8; 4.2	24.0	+ 0.9; 5.0	23.3	+ 2.1
31	49	3.5	Missing Dosimeter		No Net Data		23.7	+ 1.9
32	120	3.3	29.8	+ 0.9; 4.5	25.5	+ 0.9; 5.2	24.3	+ 2.1

Transit Dose = 3.4 +- 0.3; 3.0

PALO VERDE
For the period 920309-920721

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	23.8 +- 0.8	3
11.26 - 33.75 NNE	22.1 +- 2.6	2
33.76 - 56.25 NE	21.8 +- 0.0	1
56.26 - 78.75 ENE	22.6 +- 0.1	2
78.76 - 101.25 E	22.1 +- 0.1	2
101.26 - 123.75 ESE	23.3 +- 3.1	2
123.76 - 146.25 SE	21.4 +- 0.9	2
146.26 - 168.75 SSE	20.9 +- 0.0	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	22.5 +- 0.8	2
213.76 - 236.25 SW	21.7 +- 0.9	2
236.26 - 258.75 WSW	24.3 +- 0.0	1
258.76 - 281.25 W	22.5 +- 0.0	1
281.26 - 303.75 WNW	22.4 +- 0.0	1
303.76 - 326.25 NW	21.5 +- 0.0	1
326.26 - 348.75 NNW	24.4 +- 2.1	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	22.1 +- 1.2	9
2 - 5	22.8 +- 1.6	15
> 5	23.3 +- 2.4	4
Upwind Control	20.6 +- 0.5	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 920313-920716 126 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	330	10.3	Missing Dosimeter		No Net Data		15.5 +- 1.2	
2	33	10.5	21.4 +- 0.6; 3.2		18.0 +- 0.7; 4.2		16.8 +- 1.4	
3	21	4.8	20.6 +- 0.6; 3.1		17.2 +- 0.7; 4.2		17.9 +- 1.6	
4	3	5.0	20.0 +- 0.6; 3.0		16.6 +- 0.7; 4.1		17.0 +- 1.6	
5	344	4.1	21.0 +- 0.6; 3.1		17.6 +- 0.7; 4.2		17.2 +- 1.6	
6	1	2.2	22.8 +- 0.7; 3.4		19.4 +- 0.7; 4.4		19.0 +- 1.5	
7	26	2.4	21.3 +- 0.6; 3.2		18.0 +- 0.7; 4.2		17.9 +- 1.5	
8	55	2.8	22.0 +- 0.7; 3.3		18.6 +- 0.7; 4.3		18.7 +- 1.6	
9	42	2.0	21.1 +- 0.6; 3.2		17.8 +- 0.7; 4.2		17.1 +- 1.4	
10	62	1.7	22.5 +- 0.7; 3.4		19.1 +- 0.7; 4.4		18.5 +- 2.8	
11	96	1.9	22.4 +- 0.7; 3.4		19.0 +- 0.7; 4.3		19.2 +- 1.6	
12	105	2.3	Missing Dosimeter		No Net Data		14.0 +- 1.0	
13	72	5.0	20.7 +- 0.6; 3.1		17.3 +- 0.7; 4.2		16.7 +- 1.7	
14	85	4.6	22.8 +- 0.7; 3.4		19.4 +- 0.7; 4.4		18.6 +- 1.7	
15	109	4.3	22.7 +- 0.7; 3.4		19.3 +- 0.7; 4.4		19.1 +- 1.7	
16	130	4.6	17.0 +- 0.5; 2.6		13.8 +- 0.6; 3.8		13.7 +- 1.6	
17	157	8.9	17.2 +- 0.5; 2.6		13.9 +- 0.6; 3.8		15.4 +- 1.6	
18	163	4.6	20.0 +- 0.6; 3.0		16.7 +- 0.7; 4.1		16.5 +- 1.4	
19	183	3.9	22.9 +- 0.7; 3.4		19.5 +- 0.7; 4.4		18.9 +- 1.4	
20	201	4.8	22.2 +- 0.7; 3.3		18.8 +- 0.7; 4.3		18.6 +- 1.9	
21	196	2.3	22.6 +- 0.7; 3.4		19.1 +- 0.7; 4.4		19.1 +- 1.7	
22	182	1.7	22.0 +- 0.7; 3.3		18.6 +- 0.7; 4.3		18.6 +- 1.4	
23	157	1.8	25.3 +- 0.8; 3.8		21.8 +- 0.8; 4.7		21.5 +- 2.0	
24	219	1.8	24.7 +- 0.7; 3.7		21.2 +- 0.8; 4.6		20.5 +- 1.7	
25	249	1.7	24.5 +- 0.7; 3.7		21.1 +- 0.8; 4.6		19.4 +- 1.6	
26	269	1.8	23.8 +- 0.7; 3.6		20.3 +- 0.8; 4.5		20.1 +- 1.7	
27	286	1.9	21.0 +- 0.6; 3.2		17.6 +- 0.7; 4.2		17.4 +- 1.1	
28	323	1.8	19.3 +- 0.6; 2.9		15.9 +- 0.6; 4.0		16.0 +- 1.6	
29	286	3.6	25.3 +- 0.8; 3.8		21.9 +- 0.8; 4.7		21.1 +- 1.5	
30	262	4.0	25.1 +- 0.8; 3.8		21.6 +- 0.8; 4.6		20.5 +- 1.8	
31	261	9.9	24.7 +- 0.7; 3.7		21.3 +- 0.8; 4.6		21.2 +- 1.6	
32	247	3.2	22.0 +- 0.7; 3.3		18.6 +- 0.7; 4.3		18.4 +- 1.4	
33	235	3.6	16.5 +- 0.5; 2.5		13.2 +- 0.6; 3.7		13.9 +- 1.6	
34	319	4.9	21.7 +- 0.6; 3.2		18.3 +- 0.7; 4.3		19.6 +- 1.6	
35	149	0.7	21.9 +- 0.7; 3.3		18.5 +- 0.7; 4.3		17.7 +- 1.4	
36	147	17.9	17.6 +- 0.5; 2.6		14.3 +- 0.6; 3.8		13.8 +- 1.2	
37	147	17.9	18.5 +- 0.6; 2.8		15.2 +- 0.6; 3.9		14.6 +- 1.5	
38	147	17.9	17.6 +- 0.5; 2.6		14.3 +- 0.6; 3.8		14.4 +- 1.3	

Transit Dose = 3.0 +- 0.3; 2.9

PEACH BOTTOM
For the period 920313-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.0 +- 2.0	2
11.26 - 33.75 NNE	17.7 +- 0.4	3
33.76 - 56.25 NE	18.2 +- 0.6	2
56.26 - 78.75 ENE	18.2 +- 1.3	2
78.76 - 101.25 E	19.2 +- 0.3	2
101.26 - 123.75 ESE	19.3 +- 0.0	1
123.76 - 146.25 SE	13.8 +- 0.0	1
146.26 - 168.75 SSE	17.7 +- 3.3	4
168.76 - 191.25 S	19.0 +- 0.6	2
191.26 - 213.75 SSW	19.0 +- 0.3	2
213.76 - 236.25 SW	17.2 +- 5.7	2
236.26 - 258.75 WSW	19.8 +- 1.8	2
258.76 - 281.25 W	21.1 +- 0.7	3
281.26 - 303.75 WNW	19.8 +- 3.0	2
303.76 - 326.25 NW	17.1 +- 1.7	2
326.26 - 348.75 NNW	17.6 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.2 +- 1.8	11
2 - 5	18.1 +- 2.2	19
> 5	17.7 +- 3.7	3
Upwind Control	14.6 +- 0.5	3

MAP FOR PEACH BOTTOM

Map will be provided for this site in the future.

PERRY

TLD Direct Radiation Environmental Monitoring

For the period 920310-920723 136 Days

Field Time: 83 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-R/m; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	72 5.0	21.9 +- 0.7; 3.3	19.4 +- 0.8; 4.6	16.1 +- 2.2
3	88 5.5	21.1 +- 0.6; 3.2	18.5 +- 0.8; 4.5	15.1 +- 2.2
4	112 6.0	22.8 +- 0.7; 3.4	20.4 +- 0.8; 4.8	17.0 +- 2.3
5	130 4.0	22.0 +- 0.7; 3.3	19.5 +- 0.8; 4.6	17.0 +- 2.4
6	155 5.0	24.3 +- 0.7; 3.6	22.0 +- 0.9; 4.9	19.8 +- 1.6
7	178 5.2	Missing Dosimeter	No Net Data	17.7 +- 1.9
8	205 4.6	23.5 +- 0.7; 3.5	21.2 +- 0.8; 4.8	17.6 +- 3.6
9	220 5.2	20.8 +- 0.6; 3.1	18.3 +- 0.8; 4.5	16.2 +- 2.1
10	225 7.4	21.3 +- 0.6; 3.2	18.7 +- 0.8; 4.6	17.7 +- 2.2
11	240 5.8	Missing Dosimeter	No Net Data	18.8 +- 2.2
12	225 19.0	22.3 +- 0.7; 3.3	19.8 +- 0.8; 4.7	16.6 +- 2.5
13	225 19.0	20.9 +- 0.6; 3.1	18.4 +- 0.8; 4.5	16.0 +- 2.4
14	212 12.0	27.1 +- 0.8; 4.1	25.1 +- 1.0; 5.3	21.9 +- 2.3
15	248 1.4	20.0 +- 0.6; 3.0	17.3 +- 0.7; 4.4	16.1 +- 2.3
16	225 0.8	19.6 +- 0.6; 2.9	16.9 +- 0.7; 4.4	16.3 +- 3.4
17	205 0.7	19.2 +- 0.6; 2.9	16.5 +- 0.7; 4.3	14.1 +- 2.1
18	180 0.8	20.7 +- 0.6; 3.1	18.1 +- 0.8; 4.5	15.5 +- 2.4
19	152 1.8	19.3 +- 0.6; 2.9	16.5 +- 0.7; 4.3	16.5 +- 2.4
20	123 1.6	18.7 +- 0.6; 2.8	15.9 +- 0.7; 4.2	14.5 +- 2.3
21	105 1.4	19.2 +- 0.6; 2.9	16.4 +- 0.7; 4.3	14.7 +- 2.2
22	85 1.2	18.7 +- 0.6; 2.8	15.9 +- 0.7; 4.3	16.7 +- 3.5
23	65 1.4	21.4 +- 0.6; 3.2	18.8 +- 0.8; 4.6	16.3 +- 2.4
24	40 0.6	19.1 +- 0.6; 2.9	16.3 +- 0.7; 4.3	15.6 +- 2.4
25	40 0.6	25.3 +- 0.8; 3.8	23.1 +- 0.9; 5.1	18.0 +- 3.8
26	182 2.8	19.8 +- 0.6; 3.0	17.1 +- 0.7; 4.4	17.1 +- 3.4
27	175 2.8	25.4 +- 0.8; 3.8	23.2 +- 0.9; 5.1	16.8 +- 3.3

Transit Dose = 4.0 +- 0.3; 2.7

PERRY

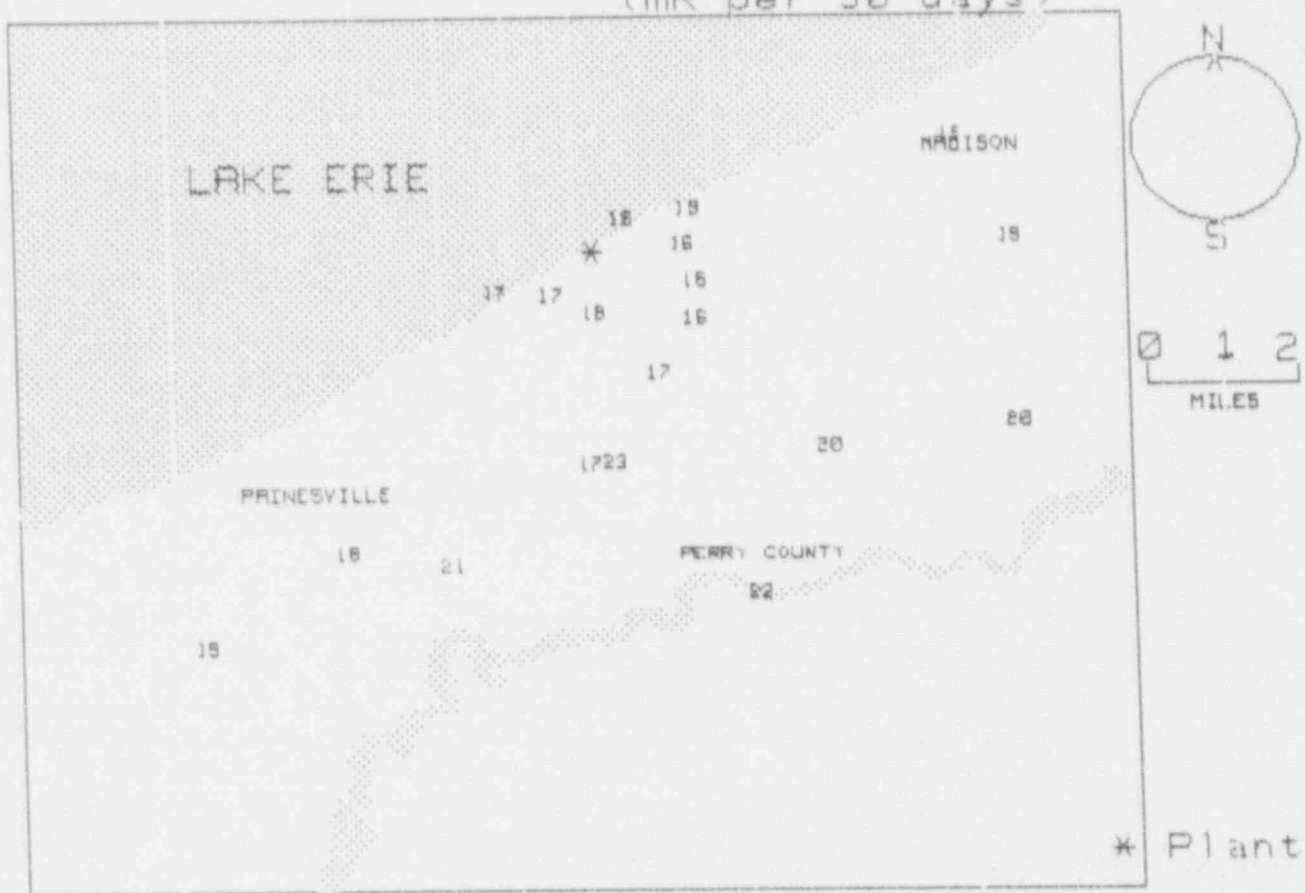
For the period 920310-920723

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	19.7 +- 4.8	2
56.26 - 78.75 ENE	19.1 +- 0.4	2
78.76 - 101.25 E	17.2 +- 1.8	2
101.26 - 123.75 ESE	17.6 +- 2.5	3
123.76 - 146.25 SE	19.5 +- 0.0	1
146.26 - 168.75 SSE	19.2 +- 3.9	2
168.76 - 191.25 S	19.5 +- 3.3	3
191.26 - 213.75 SSW	18.8 +- 3.3	2
213.76 - 236.25 SW	17.9 +- 0.9	3
236.26 - 258.75 WSW	17.3 +- 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	17.4 +- 2.1	11
2 - 5	20.4 +- 2.2	6
> 5	19.0 +- 1.0	4
Upwind Control	21.1 +- 3.5	3

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



PILGRIM

TLD Direct Radiation Environmental Monitoring

For the period 920313-920722 132 Days

Field Time: 93 Days

NRC Sta	Location		Gross Exposure (mR)		Net Exposure Rate (mR/Std. Qtr.)		1.07 . Range Net Exp Rate	
	Azimuth/Dist (Deg)/(Mi)		+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	288	0.1	106.1	+- 3.2; 15.9	93.2	+- 3.1; 15.8	37.4	+-20.4
2	310	0.2	24.9	+- 0.7; 3.7	14.6	+- 0.9; 5.0	16.8	+- 4.3
5	289	0.7	25.8	+- 0.8; 3.9	15.5	+- 0.9; 5.1	17.1	+- 4.1
6	261	1.7	23.0	+- 0.7; 3.4	12.8	+- 0.8; 4.8	15.0	+- 4.0
7	270	0.5	28.3	+- 0.9; 4.3	17.9	+- 1.0; 5.4	19.1	+- 4.4
8	247	0.3	26.6	+- 0.8; 4.0	16.2	+- 0.9; 5.2	16.9	+- 3.6
9	224	0.3	25.8	+- 0.8; 3.9	15.5	+- 0.9; 5.1	15.6	+- 4.2
10	205	0.3	28.6	+- 0.9; 4.3	18.2	+- 1.0; 5.4	16.9	+- 4.7
11	184	0.3	28.7	+- 0.9; 4.3	18.3	+- 1.0; 5.4	18.3	+- 4.7
12	159	0.4	24.4	+- 0.7; 3.7	14.1	+- 0.9; 5.0	16.7	+- 3.5
13	146	0.7	22.2	+- 0.7; 3.3	12.0	+- 0.8; 4.7	14.0	+- 3.4
14	155	1.0	24.7	+- 0.7; 3.7	14.4	+- 0.9; 5.0	15.7	+- 4.2
16	136	1.3	22.4	+- 0.7; 3.4	12.2	+- 0.8; 4.8	14.3	+- 3.3
18	212	0.8	21.7	+- 0.7; 3.3	11.6	+- 0.8; 4.7	14.8	+- 5.4
19	232	1.0	22.9	+- 0.7; 3.4	12.7	+- 0.8; 4.8	14.0	+- 3.5
21	256	1.6	22.2	+- 0.7; 3.3	12.0	+- 0.8; 4.7	13.8	+- 3.7
22	130	2.5	21.0	+- 0.6; 3.1	10.8	+- 0.8; 4.6	14.3	+- 3.6
23	146	3.4	22.6	+- 0.7; 3.4	12.4	+- 0.8; 4.8	14.0	+- 3.6
25	168	1.5	23.6	+- 0.7; 3.5	13.3	+- 0.9; 4.9	14.3	+- 3.3
26	180	1.3	20.3	+- 0.6; 3.0	10.1	+- 0.8; 4.6	12.6	+- 3.6
27	231	1.8	22.7	+- 0.7; 3.4	12.5	+- 0.8; 4.8	13.8	+- 3.3
30	153	2.2	26.1	+- 0.8; 3.9	15.7	+- 0.9; 5.1	16.3	+- 3.2
31	179	2.5	22.3	+- 0.7; 3.3	12.1	+- 0.8; 4.8	13.5	+- 3.4
32	217	2.6	20.1	+- 0.6; 3.0	10.0	+- 0.8; 4.5	12.3	+- 3.2
33	234	2.5	22.2	+- 0.7; 3.3	12.0	+- 0.8; 4.7	14.2	+- 3.4
37	264	4.2	24.2	+- 0.7; 3.6	13.9	+- 0.9; 4.9	14.5	+- 3.6
38	152	3.5	21.3	+- 0.6; 3.2	11.2	+- 0.8; 4.7	13.6	+- 3.8
39	155	5.3	21.0	+- 0.6; 3.2	10.9	+- 0.8; 4.6	12.4	+- 3.6
40	272	4.6	23.9	+- 0.7; 3.6	13.7	+- 0.9; 4.9	15.3	+- 3.4
42	281	4.6	21.5	+- 0.6; 3.2	11.3	+- 0.8; 4.7	13.5	+- 3.3
43	291	5.8	24.3	+- 0.7; 3.6	14.0	+- 0.9; 5.0	16.1	+- 3.4
45	197	6.0	21.3	+- 0.6; 3.2	11.2	+- 0.8; 4.7	13.2	+- 4.0
47	301	26.0	24.0	+- 0.7; 3.6	13.7	+- 0.9; 4.9	15.3	+- 3.4
48	301	26.0	28.1	+- 0.8; 4.2	17.7	+- 1.0; 5.4	15.7	+- 3.5
49	301	26.0	24.0	+- 0.7; 3.6	13.8	+- 0.9; 4.9	14.9	+- 3.4

Transit Dose = 9.8 +- 0.5; 3.6

PILGRIM

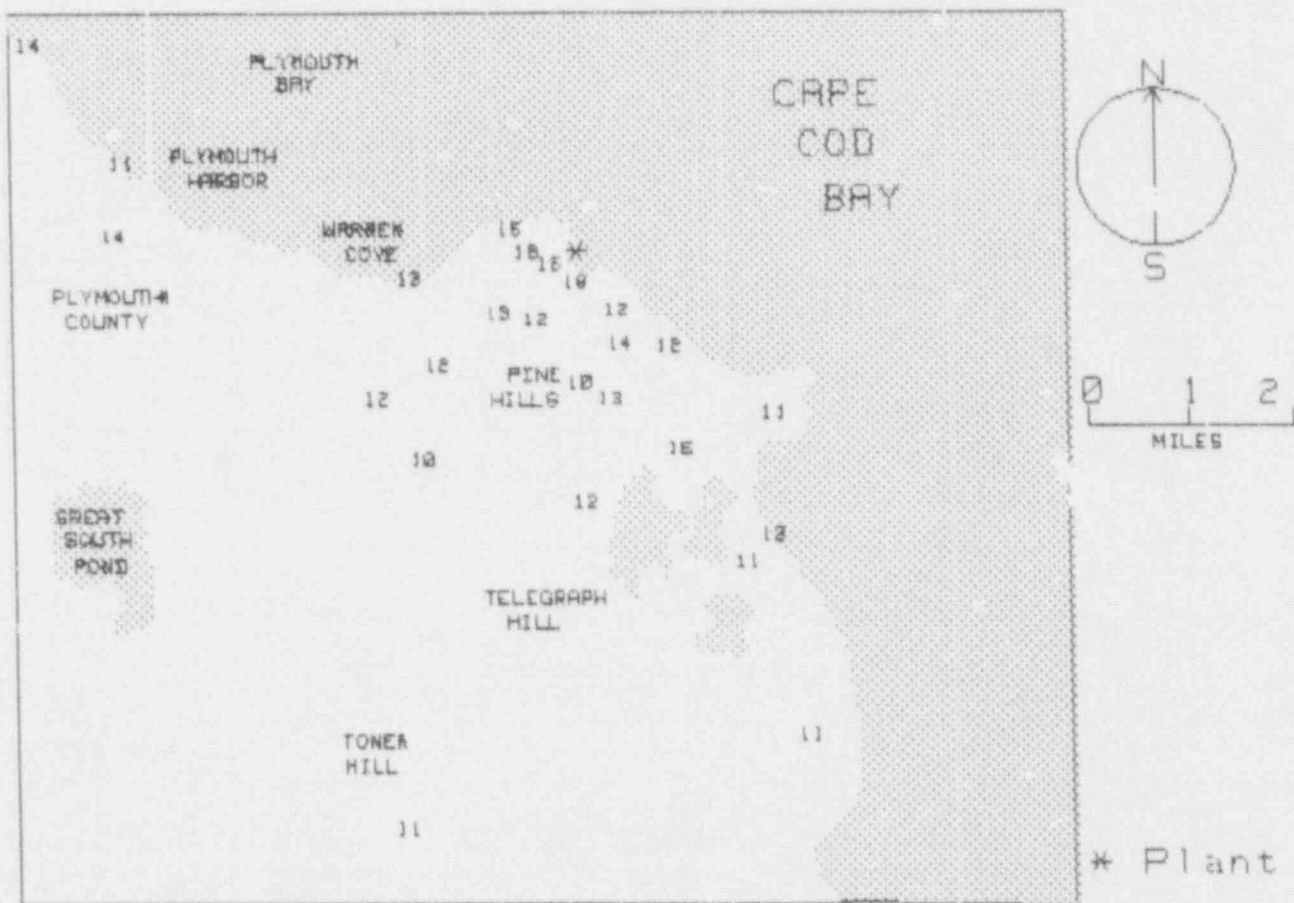
For the period 920313-920722

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	
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	11.8 +- 0.7	4
146.26 - 168.75 SSE	13.3 +- 1.9	6
168.76 - 191.25 S	13.5 +- 4.2	3
191.26 - 213.75 SSW	13.6 +- 4.0	3
213.76 - 236.25 SW	12.5 +- 2.0	5
236.26 - 258.75 WSW	14.1 +- 3.0	2
258.76 - 281.25 W	13.9 +- 2.5	5
281.26 - 303.75 WNW	40.9 +- 45.3	3
303.76 - 326.25 NW	14.6 +- 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	18.3 +- 18.3	19
2 - 5	12.3 +- 1.7	10
> 5	12.0 +- 1.8	3
Upwind Control	15.0 +- 2.3	3

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



PRAIRIE ISLAND
 TLD Direct Radiation Environmental Monitoring
 For the period 920310-920716 129 Days
 Field Time: 72 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	312	16.5	20.8	+- 0.6; 3.1	16.4	+- 0.9; 5.2	18.0	+- 2.2
2	310	15.0	20.6	+- 0.6; 3.1	16.3	+- 0.9; 5.2	17.4	+- 2.3
3	310	15.0	20.0	+- 0.6; 3.0	15.5	+- 0.9; 5.1	17.4	+- 2.5
4	308	5.5	21.7	+- 0.7; 3.3	17.6	+- 1.0; 5.4	17.6	+- 2.0
5	297	4.1	20.8	+- 0.6; 3.1	16.5	+- 0.9; 5.2	16.3	+- 2.1
6	287	1.3	19.2	+- 0.6; 2.9	14.4	+- 0.9; 5.0	17.3	+- 2.2
7	313	0.8	20.1	+- 0.6; 3.0	15.6	+- 0.9; 5.1	15.3	+- 1.9
8	244	0.5	21.3	+- 0.6; 3.2	17.1	+- 0.9; 5.3	16.6	+- 2.2
9	194	0.6	20.9	+- 0.6; 3.1	16.6	+- 0.9; 5.2	17.0	+- 1.8
10	155	0.5	22.1	+- 0.7; 3.3	18.1	+- 1.0; 5.4	17.6	+- 2.0
11	129	1.6	19.7	+- 0.6; 3.0	15.1	+- 0.9; 5.1	15.9	+- 1.9
12	153	1.4	20.4	+- 0.6; 3.1	16.0	+- 0.9; 5.2	16.6	+- 1.7
13	217	0.6	21.9	+- 0.7; 3.3	17.9	+- 1.0; 5.4	17.0	+- 2.0
14	178	0.8	21.9	+- 0.7; 3.3	17.9	+- 1.0; 5.4	16.8	+- 2.0
15	272	1.9	18.9	+- 0.6; 2.8	14.2	+- 0.9; 5.0	16.1	+- 2.1
16	262	4.6	23.7	+- 0.7; 3.6	20.2	+- 1.0; 5.7	18.1	+- 2.6
17	250	4.3	20.6	+- 0.6; 3.1	16.2	+- 0.9; 5.2	17.7	+- 2.1
18	225	4.1	24.9	+- 0.7; 3.7	21.6	+- 1.1; 5.8	17.7	+- 3.1
19	233	6.7	18.3	+- 0.5; 2.7	13.3	+- 0.9; 4.9	16.0	+- 2.2
20	200	4.9	23.5	+- 0.7; 3.5	19.9	+- 1.0; 5.6	18.8	+- 2.3
21	187	4.7	24.7	+- 0.7; 3.7	21.3	+- 1.1; 5.8	19.2	+- 2.5
22	160	4.4	22.5	+- 0.7; 3.4	18.7	+- 1.0; 5.5	17.7	+- 2.3
23	140	4.7	22.8	+- 0.7; 3.4	19.0	+- 1.0; 5.5	18.3	+- 2.2
24	131	6.6	22.5	+- 0.7; 3.4	18.6	+- 1.0; 5.5	17.6	+- 2.1
25	117	4.9	21.0	+- 0.6; 3.1	16.7	+- 0.9; 5.3	16.5	+- 2.0
26	88	1.9	21.4	+- 0.6; 3.2	17.2	+- 0.9; 5.3	17.0	+- 2.0
27	69	1.8	21.7	+- 0.7; 3.3	17.7	+- 1.0; 5.4	17.0	+- 2.4
28	47	1.6	21.4	+- 0.6; 3.2	17.3	+- 1.0; 5.3	17.3	+- 2.4
29	19	1.5	20.6	+- 0.6; 3.1	16.2	+- 0.9; 5.2	16.1	+- 2.2
30	356	1.9	21.8	+- 0.7; 3.3	17.8	+- 1.0; 5.4	16.5	+- 2.4
31	346	2.4	22.6	+- 0.7; 3.4	18.7	+- 1.0; 5.5	18.5	+- 2.4
32	340	3.8	24.1	+- 0.7; 3.6	20.6	+- 1.0; 5.7	20.1	+- 4.4
33	8	4.6	23.8	+- 0.7; 3.6	20.2	+- 1.0; 5.7	19.4	+- 2.3
34	17	4.7	24.6	+- 0.7; 3.7	21.2	+- 1.1; 5.8	19.2	+- 2.4
35	45	11.0	21.9	+- 0.7; 3.3	17.9	+- 1.0; 5.4	17.2	+- 2.0
36	48	4.7	23.6	+- 0.7; 3.5	20.0	+- 1.0; 5.6	18.9	+- 2.3
37	61	4.2	23.8	+- 0.7; 3.6	20.2	+- 1.0; 5.7	19.2	+- 2.2
38	86	4.9	22.9	+- 0.7; 3.4	19.2	+- 1.0; 5.5	18.8	+- 2.3
39	107	9.1	20.6	+- 0.6; 3.1	16.2	+- 0.9; 5.2	16.8	+- 2.1
40	111	3.7	21.1	+- 0.6; 3.2	16.9	+- 0.9; 5.3	16.8	+- 2.0

Transit Dose = 7.6 +- 0.4; 2.3

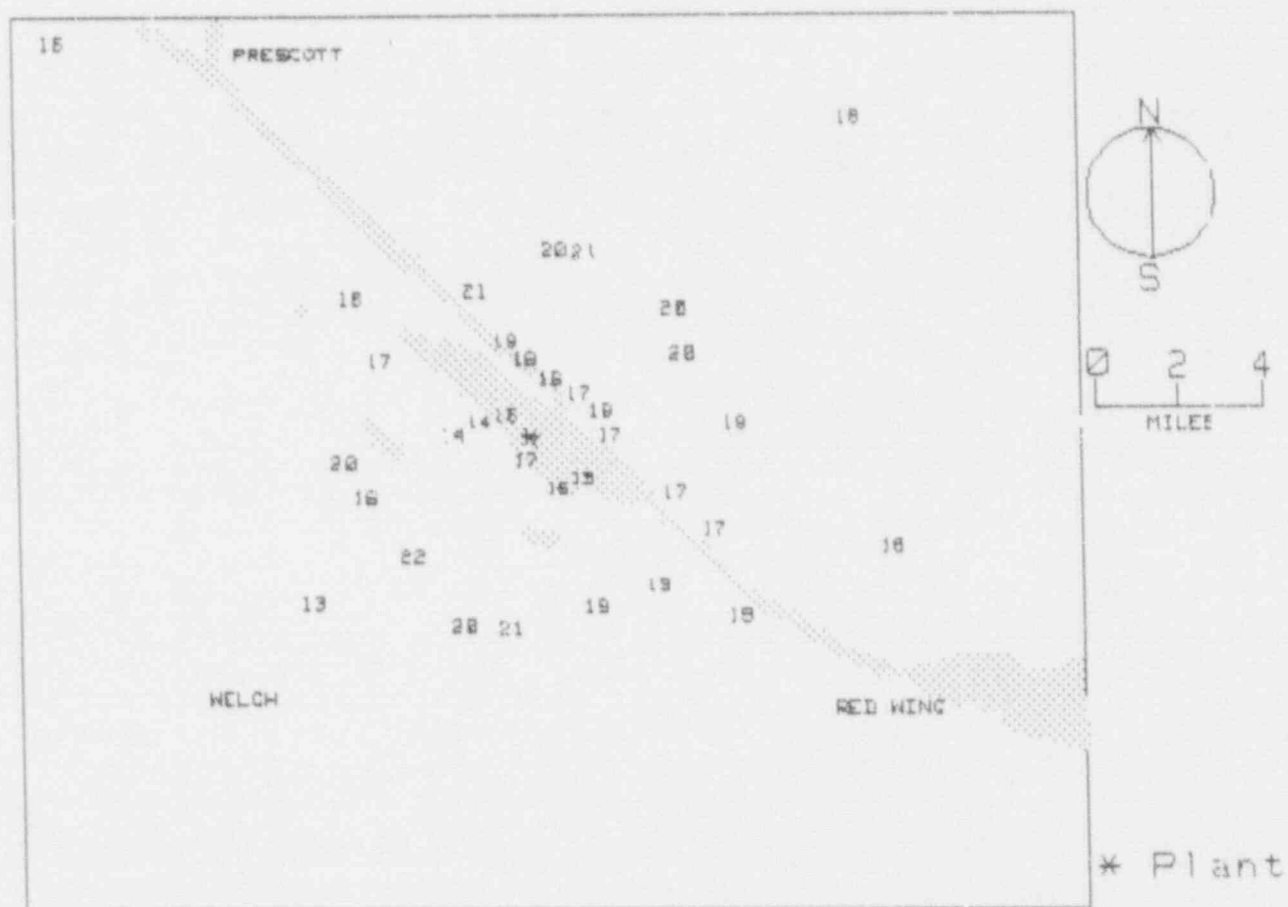
PRAIRIE ISLAND
For the period 920310-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.0 +- 1.7	2
11.26 - 33.75 NNE	18.7 +- 3.5	2
33.76 - 56.25 NE	18.4 +- 1.4	3
56.26 - 78.75 ENE	19.0 +- 1.8	2
78.76 - 101.25 E	18.2 +- 1.4	2
101.26 - 123.75 ESE	16.6 +- 0.3	3
123.76 - 146.25 SE	17.6 +- 2.1	3
146.26 - 168.75 SSE	17.6 +- 1.4	3
168.76 - 191.25 S	19.6 +- 2.4	2
191.26 - 213.75 SSW	18.2 +- 2.4	2
213.76 - 236.25 SW	17.6 +- 4.2	3
236.26 - 258.75 WSW	16.7 +- 0.6	2
258.76 - 281.25 W	17.2 +- 4.3	2
281.26 - 303.75 WNW	15.5 +- 1.5	2
303.76 - 326.25 NW	16.6 +- 1.4	2
326.26 - 348.75 NNW	19.7 +- 1.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.6 +- 1.3	15
2 - 5	19.2 +- 1.7	17
> 5	16.7 +- 2.1	5
Upwind Control	16.1 +- 0.5	3

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



QUAD CITIES

TLD Direct Radiation Environmental Monitoring

For the period 920310-920721 134 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist 'Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-m; Tot.	Hist. Range Net Exp Rate +-1 Std Dev	
1	3	0.7	18.5 +- 0.6; 2.8	14.7 +- 0.6; 4.0	15.2 +- 1.6
2	16	1.2	19.9 +- 0.6; 3.0	16.1 +- 0.7; 4.1	17.7 +- 2.2
3	35	1.7	18.3 +- 0.5; 2.7	14.5 +- 0.6; 3.9	15.2 +- 1.7
4	45	1.1	20.1 +- 0.6; 3.0	16.3 +- 0.7; 4.1	16.0 +- 1.6
5	90	0.8	19.3 +- 0.6; 2.9	15.6 +- 0.7; 4.0	15.8 +- 1.7
6	138	1.1	19.9 +- 0.6; 3.0	16.1 +- 0.7; 4.1	16.4 +- 1.7
7	175	1.8	18.6 +- 0.6; 2.8	14.8 +- 0.6; 4.0	16.6 +- 1.7
8	165	2.0	20.2 +- 0.6; 3.0	16.4 +- 0.7; 4.1	16.6 +- 1.6
9	186	3.1	19.0 +- 0.6; 2.8	15.2 +- 0.6; 4.0	16.0 +- 1.6
10	188	7.7	16.0 +- 0.5; 2.4	12.2 +- 0.6; 3.7	17.1 +- 4.5
11	156	4.2	20.7 +- 0.6; 3.1	16.9 +- 0.7; 4.2	17.0 +- 1.7
12	142	4.8	20.6 +- 0.6; 3.1	16.8 +- 0.7; 4.2	16.7 +- 2.0
13	123	3.3	20.4 +- 0.6; 3.1	16.6 +- 0.7; 4.2	16.3 +- 1.8
14	122	2.0	Missing Dosimeter	No Net Data	15.1 +- 1.9
15	86	2.8	21.3 +- 0.6; 3.2	17.4 +- 0.7; 4.2	17.4 +- 1.7
16	57	4.4	23.8 +- 0.7; 3.6	19.9 +- 0.8; 4.5	19.2 +- 1.7
17	48	6.1	20.1 +- 0.6; 3.0	16.2 +- 0.7; 4.1	16.6 +- 1.6
18	39	9.4	20.2 +- 0.6; 3.0	16.4 +- 0.7; 4.1	15.8 +- 1.4
19	34	4.1	17.4 +- 0.5; 2.6	13.7 +- 0.6; 3.9	15.6 +- 1.7
20	16	4.1	20.4 +- 0.6; 3.1	16.6 +- 0.7; 4.2	16.7 +- 1.9
21	302	4.2	20.3 +- 0.6; 3.0	16.5 +- 0.7; 4.1	19.1 +- 2.9
22	328	4.1	23.2 +- 0.7; 3.5	19.4 +- 0.8; 4.5	18.8 +- 1.9
23	337	5.7	20.9 +- 0.6; 3.1	17.1 +- 0.7; 4.2	17.1 +- 1.7
24	310	4.4	22.3 +- 0.7; 3.3	18.4 +- 0.7; 4.4	18.5 +- 2.0
25	295	4.1	20.2 +- 0.6; 3.0	16.4 +- 0.7; 4.1	16.5 +- 1.8
26	278	6.9	16.5 +- 0.5; 2.5	12.9 +- 0.6; 3.3	14.6 +- 1.8
27	260	4.3	20.9 +- 0.6; 3.1	17.1 +- 0.7; 4.2	16.4 +- 1.9
28	253	4.0	19.6 +- 0.6; 2.9	15.8 +- 0.7; 4.1	16.9 +- 1.9
29	352	2.8	21.3 +- 0.6; 3.2	17.5 +- 0.7; 4.3	17.6 +- 1.9
30	335	1.9	20.6 +- 0.6; 3.1	16.8 +- 0.7; 4.2	17.2 +- 1.8
31	305	2.6	19.2 +- 0.6; 2.9	15.4 +- 0.6; 4.0	17.6 +- 2.2
32	285	2.5	18.1 +- 0.5; 2.7	14.3 +- 0.6; 3.9	15.5 +- 2.4
33	257	2.0	19.3 +- 0.6; 2.9	15.5 +- 0.7; 4.0	16.9 +- 2.4
34	248	2.2	19.9 +- 0.6; 3.0	16.1 +- 0.7; 4.1	16.9 +- 1.6
35	229	2.6	19.2 +- 0.6; 2.9	15.5 +- 0.7; 4.0	15.9 +- 1.9
36	204	3.4	18.8 +- 0.6; 2.8	15.1 +- 0.6; 4.0	16.7 +- 2.6
37	194	9.3	18.7 +- 0.6; 2.8	14.9 +- 0.6; 4.0	17.0 +- 3.5
38	224	4.9	21.1 +- 0.6; 3.2	17.2 +- 0.7; 4.2	17.5 +- 2.1
39	301	14.0	18.8 +- 0.6; 2.8	15.0 +- 0.6; 4.0	15.8 +- 1.8
40	301	14.0	18.1 +- 0.5; 2.7	14.4 +- 0.6; 3.9	15.6 +- 2.0
41	301	14.0	17.4 +- 0.5; 2.6	13.7 +- 0.6; 3.9	15.2 +- 1.8

Transit Dose = 3.4 +- 0.3; 2.9

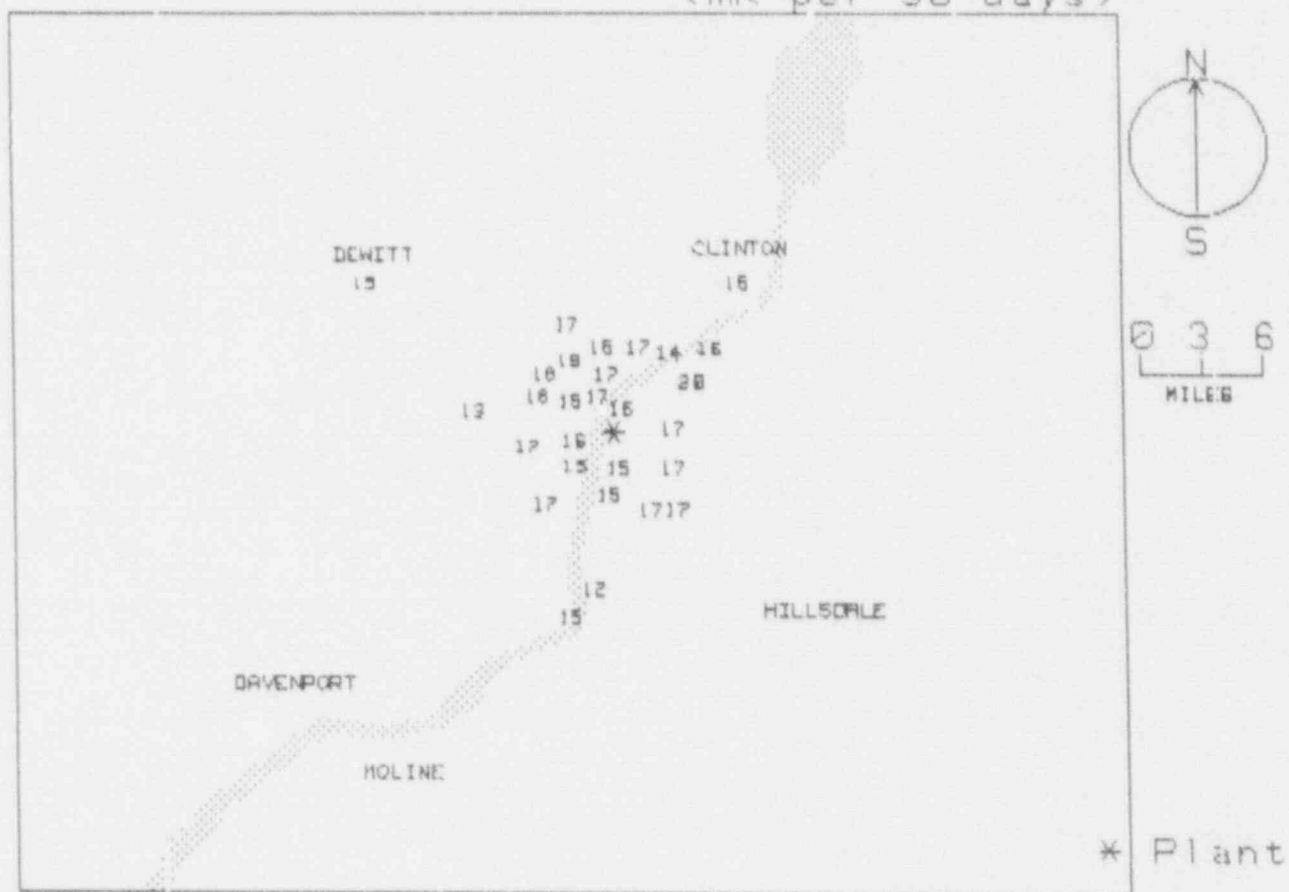
QUAD CITIES
For the period 920310-920721

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 +- 1.4	3
11.26 - 33.75 NNE	16.3 +- 0.3	2
33.76 - 56.25 NE	15.4 +- 1.3	5
56.26 - 78.75 ENE	19.9 +- 0.0	1
78.76 - 101.25 E	16.5 +- 1.3	2
101.26 - 123.75 ESE	16.6 +- 0.0	1
123.76 - 146.25 SE	16.4 +- 0.5	2
146.26 - 168.75 SSE	16.6 +- 0.3	2
168.76 - 191.25 S	14.1 +- 1.6	3
191.26 - 213.75 SSW	15.0 +- 0.1	2
213.76 - 236.25 SW	16.3 +- 1.2	2
236.26 - 258.75 WSW	15.8 +- 0.3	3
258.76 - 281.25 W	15.0 +- 3.0	2
281.26 - 303.75 WNW	15.4 +- 1.5	2
303.76 - 326.25 NW	16.9 +- 2.1	2
326.26 - 348.75 NNW	17.8 +- 1.4	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.7 +- 0.8	10
2 - 5	16.6 +- 1.5	21
> 5	15.0 +- 2.0	6
Upwind Control	14.4 +- 0.7	3

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



RANCHO SECO

TLD Direct Radiation Environmental Monitoring

For the period 920309-920728 142 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	288	16.0	20.7	+- 0.6; 3.1	15.6	+- 0.6; 4.0	16.3	+- 3.2
2	239	12.0	21.2	+- 0.6; 3.2	16.1	+- 0.7; 4.1	17.9	+- 1.9
3	13	16.0	22.9	+- 0.7; 3.4	17.6	+- 0.7; 4.2	19.0	+- 1.9
4	149	9.9	21.4	+- 0.6; 3.2	16.3	+- 0.7; 4.1	17.0	+- 2.8
5	108	8.2	27.6	+- 0.8; 4.1	21.9	+- 0.8; 4.7	22.9	+- 2.2
6	86	10.0	19.2	+- 0.6; 2.9	14.3	+- 0.6; 3.9	14.9	+- 2.2
7	73	9.7	18.9	+- 0.6; 2.8	14.0	+- 0.6; 3.9	14.7	+- 1.7
8	7	7.1	19.5	+- 0.6; 2.9	14.5	+- 0.6; 3.9	15.0	+- 2.0
9	65	0.8	21.4	+- 0.6; 3.2	16.3	+- 0.7; 4.1	15.9	+- 2.1
10	43	0.7	22.1	+- 0.7; 3.3	16.9	+- 0.7; 4.2	17.0	+- 2.5
11	92	0.2	18.9	+- 0.6; 2.8	14.0	+- 0.6; 3.9	15.6	+- 2.1
12	131	1.6	19.3	+- 0.6; 2.9	14.3	+- 0.6; 3.9	14.6	+- 1.7
13	358	0.6	22.5	+- 0.7; 3.4	17.3	+- 0.7; 4.2	17.4	+- 2.0
14	323	0.7	20.9	+- 0.6; 3.1	15.8	+- 0.7; 4.0	16.3	+- 1.9
15	151	0.7	20.4	+- 0.6; 3.1	15.4	+- 0.6; 4.0	15.6	+- 1.8
16	219	0.9	20.8	+- 0.6; 3.1	15.7	+- 0.6; 4.0	16.4	+- 1.9
17	245	1.5	22.0	+- 0.7; 3.3	16.8	+- 0.7; 4.2	15.1	+- 1.7
18	254	2.3	20.8	+- 0.6; 3.1	15.7	+- 0.6; 4.0	15.0	+- 1.6
19	323	7.0	22.2	+- 0.7; 3.3	17.0	+- 0.7; 4.2	16.7	+- 2.1
20	309	6.3	22.9	+- 0.7; 3.4	17.7	+- 0.7; 4.2	17.1	+- 2.2
21	279	5.7	20.6	+- 0.6; 3.1	15.6	+- 0.6; 4.0	16.2	+- 2.0
22	244	6.4	22.5	+- 0.7; 3.4	17.3	+- 0.7; 4.2	17.4	+- 1.7
23	217	4.6	21.5	+- 0.6; 3.2	16.4	+- 0.7; 4.1	16.4	+- 1.8
24	350	11.0	21.4	+- 0.6; 3.2	16.3	+- 0.7; 4.1	16.6	+- 1.9
25	318	17.0	Missing Dosimeter		No Net Data		17.2	+- 1.8
26	311	22.0	23.2	+- 0.7; 3.5	17.9	+- 0.7; 4.3	17.4	+- 1.9
27	306	27.0	19.9	+- 0.6; 3.0	14.9	+- 0.6; 4.0	15.7	+- 1.9
28	306	27.0	20.3	+- 0.6; 3.0	15.3	+- 0.6; 4.0	15.8	+- 1.5
29	306	27.0	19.3	+- 0.6; 2.9	14.3	+- 0.6; 3.9	16.0	+- 2.7
30	306	27.0	20.0	+- 0.6; 3.0	15.0	+- 0.6; 4.0	15.4	+- 2.1

Transit Dose = 3.5 +- 0.4; 3.2

RANCHO SECO

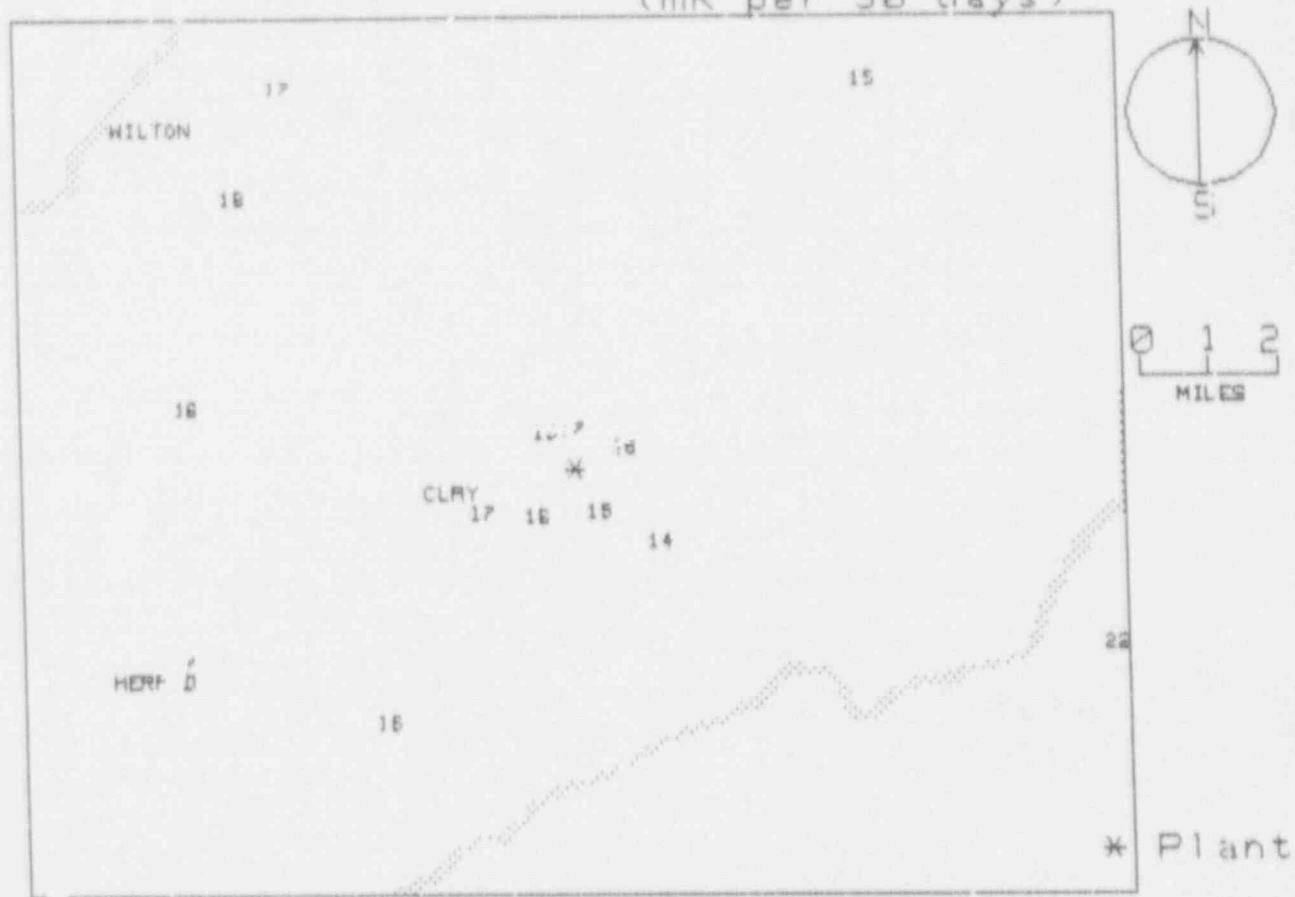
For the period 920309-920728

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 +- 0.7	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	15.7 +- 1.7	2
56.26 - 78.75 ENE	16.3 +- 0.0	1
78.76 - 101.25 E	14.1 +- 0.2	3
101.26 - 123.75 ESE	21.9 +- 0.0	1
123.76 - 146.25 SE	14.3 +- 0.0	1
146.26 - 168.75 SSE	15.8 +- 0.6	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	17.6 +- 0.0	1
213.76 - 236.25 SW	16.0 +- 0.5	2
236.26 - 258.75 WSW	16.5 +- 0.7	4
258.76 - 281.25 W	15.6 +- 0.0	1
281.26 - 303.75 WNW	15.6 +- 0.0	1
303.76 - 326.25 NW	16.0 +- 1.4	5
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.8 +- 1.1	9
2 - 5	16.0 +- 0.5	2
> 5	16.2 +- 2.0	15
Upwind Control	16.0 +- 1.6	3

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



RIVER BEND

TLD Direct Radiation Environmental Monitoring

For the period 920309-920728 142 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	348	1.3	22.3	+ - 0.7; 3.3	16.4	+ - 0.7; 4.2	18.3	+ - 2.3
2	42	1.1	22.3	+ - 0.7; 3.3	16.3	+ - 0.7; 4.2	18.4	+ - 2.4
3	61	1.1	24.7	+ - 0.7; 3.7	18.5	+ - 0.8; 4.5	19.2	+ - 2.3
4	90	0.8	23.2	+ - 0.7; 3.5	17.1	+ - 0.7; 4.3	18.2	+ - 2.2
5	107	0.6	24.3	+ - 0.7; 3.6	18.1	+ - 0.7; 4.4	19.2	+ - 1.9
6	136	0.8	23.9	+ - 0.7; 3.6	17.8	+ - 0.7; 4.4	19.3	+ - 2.5
7	166	1.0	21.2	+ - 0.6; 3.2	15.3	+ - 0.7; 4.1	16.3	+ - 1.8
8	182	0.9	21.8	+ - 0.7; 3.3	15.9	+ - 0.7; 4.2	17.3	+ - 2.4
9	195	0.6	21.7	+ - 0.7; 3.3	15.8	+ - 0.7; 4.2	17.1	+ - 2.2
10	225	0.7	22.5	+ - 0.7; 3.4	16.5	+ - 0.7; 4.2	17.8	+ - 2.3
11	254	0.4	21.9	+ - 0.7; 3.3	15.9	+ - 0.7; 4.2	17.5	+ - 2.4
12	276	0.6	24.0	+ - 0.7; 3.6	17.9	+ - 0.7; 4.4	18.7	+ - 2.0
13	295	0.6	24.0	+ - 0.7; 3.6	17.8	+ - 0.7; 4.4	19.4	+ - 2.1
14	320	0.9	22.2	+ - 0.7; 3.3	16.3	+ - 0.7; 4.2	18.2	+ - 2.3
15	332	2.1	24.5	+ - 0.7; 3.7	18.3	+ - 0.7; 4.4	19.1	+ - 2.2
16	312	2.7	20.9	+ - 0.6; 3.1	15.1	+ - 0.7; 4.1	18.1	+ - 2.9
17	302	3.1	21.2	+ - 0.6; 3.2	15.4	+ - 0.7; 4.1	16.3	+ - 2.3
18	278	3.8	21.3	+ - 0.6; 3.2	15.4	+ - 0.7; 4.1	15.2	+ - 2.7
19	242	2.8	24.0	+ - 0.7; 3.6	17.8	+ - 0.7; 4.4	19.9	+ - 2.5
20	195	5.4	21.4	+ - 0.6; 3.2	15.5	+ - 0.7; 4.1	19.0	+ - 5.7
21	215	3.0	22.9	+ - 0.7; 3.4	16.9	+ - 0.7; 4.3	18.7	+ - 2.4
22	233	7.1	19.3	+ - 0.6; 2.9	13.6	+ - 0.6; 3.9	15.2	+ - 2.7
23	246	9.7	23.0	+ - 0.7; 3.4	16.9	+ - 0.7; 4.3	18.0	+ - 2.2
24	234	7.3	21.8	+ - 0.7; 3.3	15.9	+ - 0.7; 4.2	15.9	+ - 2.6
25	185	7.6	23.3	+ - 0.7; 3.5	17.2	+ - 0.7; 4.3	18.5	+ - 2.7
26	322	7.7	20.4	+ - 0.6; 3.1	14.6	+ - 0.7; 4.0	17.9	+ - 2.4
27	328	10.0	23.7	+ - 0.7; 3.6	17.6	+ - 0.7; 4.4	18.9	+ - 2.2
28	340	7.2	23.4	+ - 0.7; 3.5	17.3	+ - 0.7; 4.3	18.6	+ - 2.1
29	354	9.5	21.0	+ - 0.6; 3.2	15.2	+ - 0.7; 4.1	17.7	+ - 2.3
30	360	5.1	24.0	+ - 0.7; 3.6	17.8	+ - 0.7; 4.4	18.9	+ - 2.3
31	221	6.9	24.4	+ - 0.7; 3.7	18.3	+ - 0.7; 4.4	18.8	+ - 2.1
32	40	4.9	22.3	+ - 0.7; 3.3	16.3	+ - 0.7; 4.2	18.1	+ - 2.4
33	52	8.7	Damaged Dosimeter		No Net Data		15.6	+ - 1.9
34	65	8.4	22.8	+ - 0.7; 3.4	16.7	+ - 0.7; 4.3	17.4	+ - 2.4
35	87	6.6	19.6	+ - 0.6; 2.9	13.9	+ - 0.6; 4.0	16.1	+ - 2.1
36	326	5.8	22.3	+ - 0.7; 3.3	16.3	+ - 0.7; 4.2	18.5	+ - 2.6
37	329	22.0	21.7	+ - 0.7; 3.3	15.8	+ - 0.7; 4.2	18.0	+ - 2.1
38	111	3.8	22.0	+ - 0.7; 3.3	16.0	+ - 0.7; 4.2	17.4	+ - 2.5
39	131	5.6	24.1	+ - 0.7; 3.6	18.0	+ - 0.7; 4.4	17.8	+ - 2.4
40	155	6.2	22.6	+ - 0.7; 3.4	16.6	+ - 0.7; 4.3	18.6	+ - 2.5
41	120	9.0	23.4	+ - 0.7; 3.5	17.3	+ - 0.7; 4.3	17.6	+ - 1.8
42	121	11.0	19.7	+ - 0.6; 2.9	13.9	+ - 0.6; 4.0	15.7	+ - 2.1
43	180	1.1	23.7	+ - 0.7; 3.5	17.6	+ - 0.7; 4.4	19.8	+ - 2.5
44	150	28.0	18.6	+ - 0.6; 2.8	13.0	+ - 0.6; 3.9	15.3	+ - 2.4

Transit Dose = 4.3 + - 0.4; 3.2

RIVER BEND

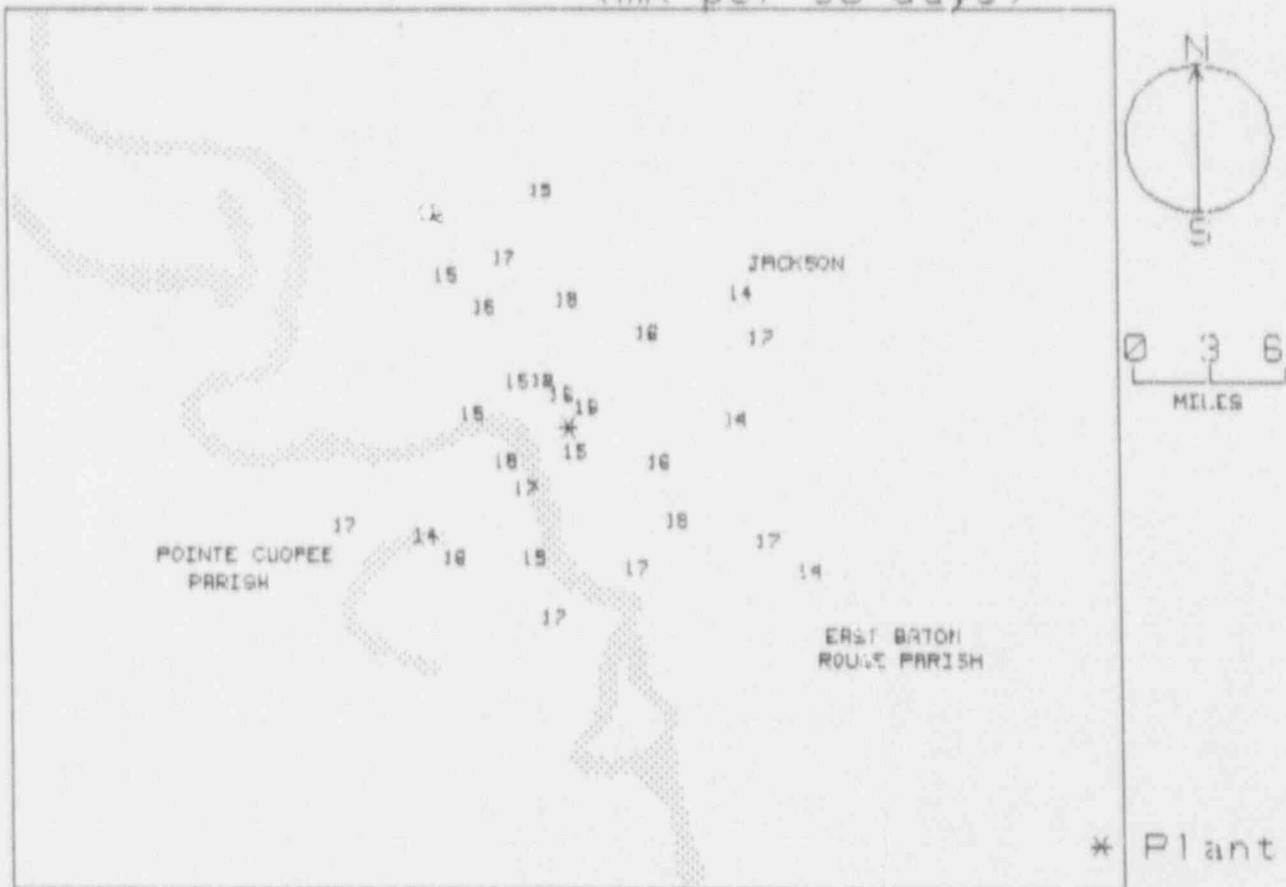
For the period 920309-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.5 +- 1.9	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	16.3 +- 0.0	2
56.26 - 78.75 ENE	17.6 +- 1.2	2
78.76 - 101.25 E	15.5 +- 2.3	2
101.26 - 123.75 ESE	16.3 +- 1.8	4
123.76 - 146.25 SE	17.9 +- 0.2	2
146.26 - 168.75 SSE	16.0 +- 0.9	2
168.76 - 191.25 S	16.9 +- 0.9	3
191.26 - 213.75 SSW	15.6 +- 0.2	2
213.76 - 236.25 SW	16.2 +- 1.7	5
236.26 - 258.75 WSW	16.9 +- 1.0	3
258.76 - 281.25 W	16.7 +- 1.7	2
281.26 - 303.75 WNW	16.6 +- 1.8	2
303.76 - 326.25 NW	15.6 +- 0.9	4
326.26 - 348.75 NNW	17.1 +- 1.0	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.9 +- .0	15
2 - 5	16.4 +- 1.2	8
> 5	16.2 +- 1.5	19
Upwind Control	13.0 +- 0.0	1

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



ROBINSON
 TLD Direct Radiation Environmental Monitoring
 For the period 920312-920716 127 Days
 Field Time: 96 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
====	=====	=====	=====	=====	=====	=====	=====	=====
1	191	0.2	19.7	+- 0.6; 3.0	14.3	+- 0.7; 4.0	14.7	+- 1.0
2	151	1.9	27.2	+- 0.8; 4.1	21.4	+- 0.8; 4.8	21.4	+- 2.2
3	134	2.0	22.0	+- 0.7; 3.3	16.5	+- 0.7; 4.3	17.9	+- 1.2
4	119	1.9	18.7	+- 0.6; 2.8	13.4	+- 0.6; 3.9	14.4	+- 0.8
5	89	2.1	23.2	+- 0.7; 3.5	17.7	+- 0.7; 4.4	18.0	+- 1.0
6	65	1.0	21.5	+- 0.6; 3.2	16.1	+- 0.7; 4.2	16.4	+- 1.1
7	46	1.8	Missing Dosimeter		No Net Data		17.2	+- 1.5
8	27	1.9	21.2	+- 0.6; 3.2	15.7	+- 0.7; 4.2	17.0	+- 1.3
9	22	3.5	20.7	+- 0.6; 3.1	15.3	+- 0.7; 4.1	16.7	+- 1.8
10	0	5.0	24.0	+- 0.7; 3.6	18.4	+- 0.8; 4.5	17.8	+- 1.4
11	51	4.8	25.6	+- 0.8; 3.8	19.9	+- 0.8; 4.7	19.3	+- 1.0
12	67	4.1	20.0	+- 0.6; 3.0	14.6	+- 0.7; 4.1	14.7	+- 1.6
13	87	4.5	21.3	+- 0.6; 3.2	15.9	+- 0.7; 4.2	15.3	+- 0.9
14	109	5.0	20.6	+- 0.6; 3.1	15.2	+- 0.7; 4.1	15.8	+- 1.2
15	118	4.8	Damaged Dosimeter		No Net Data		16.3	+- 1.9
16	138	5.3	22.1	+- 0.7; 3.3	16.6	+- 0.7; 4.3	16.8	+- 1.5
17	115	17.1	19.2	+- 0.6; 2.9	13.9	+- 0.6; 4.0	15.2	+- 1.7
18	199	12.6	22.3	+- 0.7; 3.3	16.8	+- 0.7; 4.3	16.3	+- 1.0
19	208	4.8	27.2	+- 0.8; 4.1	21.4	+- 0.8; 4.8	21.7	+- 2.4
20	225	4.0	24.9	+- 0.7; 3.7	19.2	+- 0.8; 4.6	19.6	+- 1.2
21	178	4.6	16.9	+- 0.5; 2.5	11.7	+- 0.6; 3.8	12.8	+- 1.1
22	167	3.7	20.8	+- 0.6; 3.1	15.4	+- 0.7; 4.2	16.1	+- 0.9
23	181	2.3	20.3	+- 0.6; 3.0	14.9	+- 0.7; 4.1	15.7	+- 1.1
24	194	2.0	24.9	+- 0.7; 3.7	19.2	+- 0.8; 4.6	19.1	+- 1.0
25	228	2.1	24.7	+- 0.7; 3.7	19.0	+- 0.8; 4.6	17.9	+- 1.3
26	245	1.5	19.6	+- 0.6; 2.9	14.2	+- 0.7; 4.0	14.3	+- 1.5
27	273	1.8	18.6	+- 0.6; 2.8	13.3	+- 0.6; 3.9	13.9	+- 1.1
28	287	2.0	18.1	+- 0.5; 2.7	12.9	+- 0.6; 3.9	13.3	+- 1.1
29	311	1.6	21.9	+- 0.7; 3.3	16.4	+- 0.7; 4.3	17.4	+- 0.8
30	334	1.9	20.4	+- 0.6; 3.1	15.0	+- 0.7; 4.1	16.3	+- 1.6
31	351	2.1	17.3	+- 0.5; 2.6	12.1	+- 0.6; 3.8	15.4	+- 1.7
32	333	4.0	21.2	+- 0.6; 3.2	15.8	+- 0.7; 4.2	15.6	+- 1.1
33	318	4.7	23.7	+- 0.7; 3.6	18.1	+- 0.8; 4.5	17.8	+- 1.1
34	310	6.9	20.4	+- 0.6; 3.1	15.0	+- 0.7; 4.1	15.7	+- 2.1
35	295	4.0	27.1	+- 0.8; 4.1	21.3	+- 0.8; 4.8	20.6	+- 1.3
36	269	4.8	24.3	+- 0.7; 3.6	18.6	+- 0.8; 4.5	18.5	+- 1.9
37	252	4.6	22.7	+- 0.7; 3.4	17.1	+- 0.7; 4.3	17.3	+- 1.3
38	274	10.7	19.8	+- 0.6; 3.0	14.4	+- 0.7; 4.1	18.3	+- 3.0
39	286	15.3	20.4	+- 0.6; 3.1	15.0	+- 0.7; 4.1	15.0	+- 1.1
40	289	16.5	19.6	+- 0.6; 2.9	14.3	+- 0.7; 4.0	14.2	+- 1.0
41	291	17.5	18.3	+- 0.6; 2.8	13.1	+- 0.6; 3.9	15.6	+- 0.9

Transit Dose = 4.4 +- 0.4; 3.1

ROBINSON

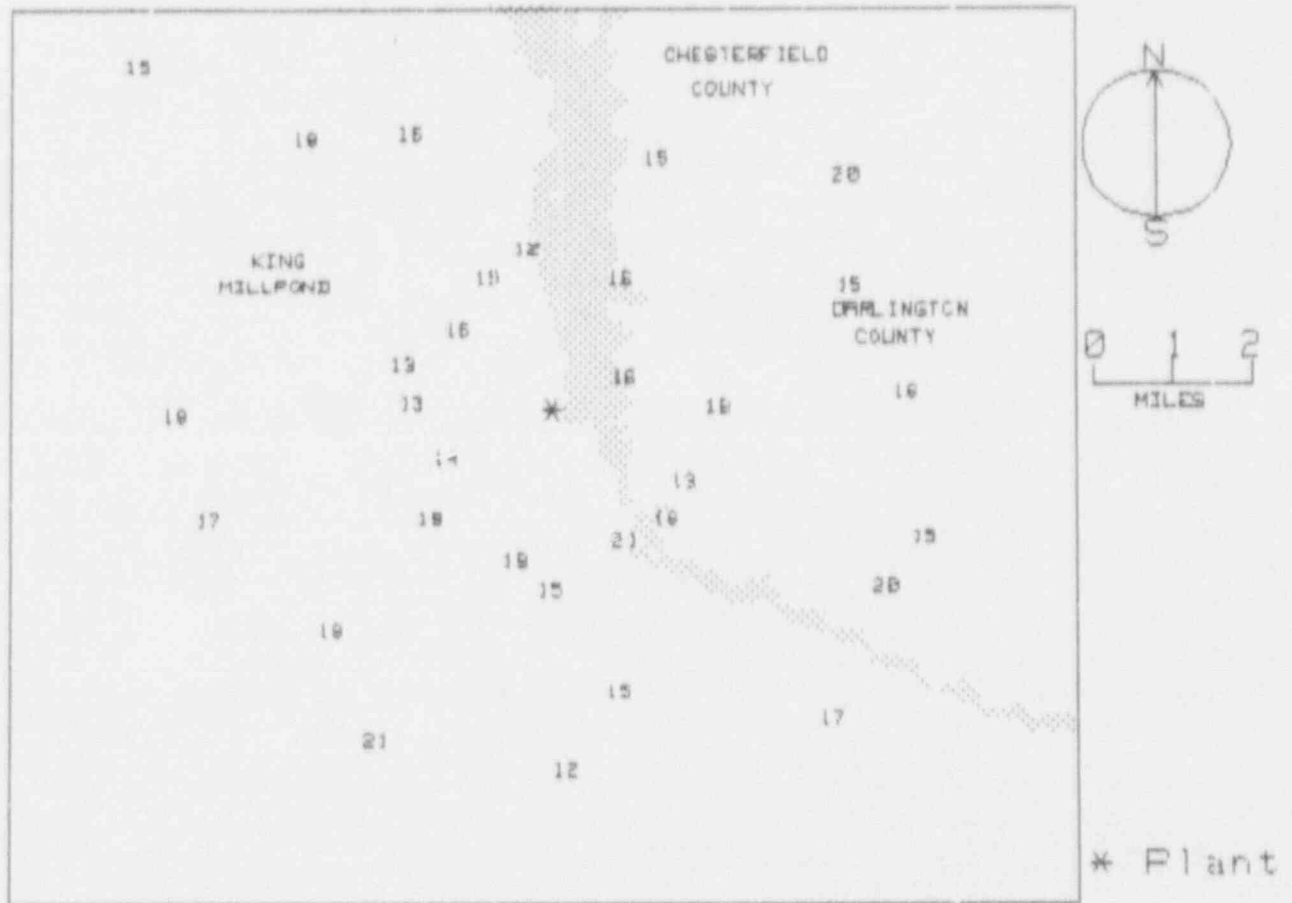
For the period 920312-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.2 +- 4.5	2
11.26 - 33.75 NNE	15.5 +- 0.3	2
33.76 - 56.25 NE	19.9 +- 0.0	1
56.26 - 78.75 ENE	15.3 +- 1.0	2
78.76 - 101.25 E	16.8 +- 1.3	2
101.26 - 123.75 ESE	14.1 +- 0.9	3
123.76 - 146.25 SE	16.5 +- 0.1	2
146.26 - 168.75 SSE	18.4 +- 4.3	2
168.76 - 191.25 S	13.6 +- 1.7	3
191.26 - 213.75 SSW	19.1 +- 2.3	3
213.76 - 236.25 SW	19.1 +- 0.2	2
236.26 - 258.75 WSW	15.7 +- 2.0	2
258.76 - 281.25 W	15.4 +- 2.8	3
281.26 - 303.75 WNW	17.1 +- 6.0	2
303.76 - 326.25 NW	16.5 +- 1.5	3
326.26 - 348.75 NNW	15.4 +- 0.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.7 +- 2.5	12
2 - 5	16.9 +- 2.7	19
> 5	15.3 +- 1.3	5
Upwind Control	14.1 +- 1.0	3

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



SALEM (DE)
 TLD Direct Radiation Environmental Monitoring
 For the period 920314-920723 132 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	
17	331	4.2	21.4	+- 0.6; 3.2	17.9	+- 0.7; 4.3	17.4	+- 2.5
18	320	3.8	16.9	+- 0.5; 2.5	13.4	+- 0.6; 3.8	14.4	+- 1.4
19	299	3.4	19.2	+- 0.6; 2.9	15.7	+- 0.7; 4.0	16.4	+- 1.7
20	330	9.5	23.9	+- 0.7; 3.6	20.3	+- 0.8; 4.6	19.7	+- 1.7
21	276	3.6	22.8	+- 0.7; 3.4	19.2	+- 0.7; 4.4	18.3	+- 1.8
22	266	4.7	21.5	+- 0.6; 3.2	18.0	+- 0.7; 4.3	17.9	+- 1.3
23	257	4.4	21.8	+- 0.7; 3.3	18.3	+- 0.7; 4.3	17.6	+- 1.6
24	240	4.4	22.0	+- 0.7; 3.3	18.5	+- 0.7; 4.4	18.2	+- 1.5
25	217	4.9	22.3	+- 0.7; 3.3	18.7	+- 0.7; 4.4	18.0	+- 1.8
26	204	3.9	21.0	+- 0.6; 3.1	17.4	+- 0.7; 4.2	16.7	+- 1.5
27	188	4.2	21.7	+- 0.7; 3.3	18.2	+- 0.7; 4.3	19.6	+- 2.7
28	319	18.1	23.5	+- 0.7; 3.5	20.0	+- 0.8; 4.5	19.7	+- 2.2
29	265	6.7	18.0	+- 0.5; 2.7	14.5	+- 0.6; 3.9	15.0	+- 1.5
30	340	12.2	17.5	+- 0.5; 2.6	14.0	+- 0.6; 3.9	15.0	+- 2.0
31	0	18.2	21.2	+- 0.6; 3.2	17.7	+- 0.7; 4.3	17.3	+- 1.5
32	338	8.1	18.8	+- 0.6; 2.8	15.3	+- 0.6; 4.0	15.5	+- 1.6
33	265	9.8	21.4	+- 0.6; 3.2	17.8	+- 0.7; 4.3	17.9	+- 1.5
34	207	11.6	20.2	+- 0.6; 3.0	16.7	+- 0.7; 4.2	17.2	+- 1.7

Transit Dose = 3.4 +- 0.3; 2.9

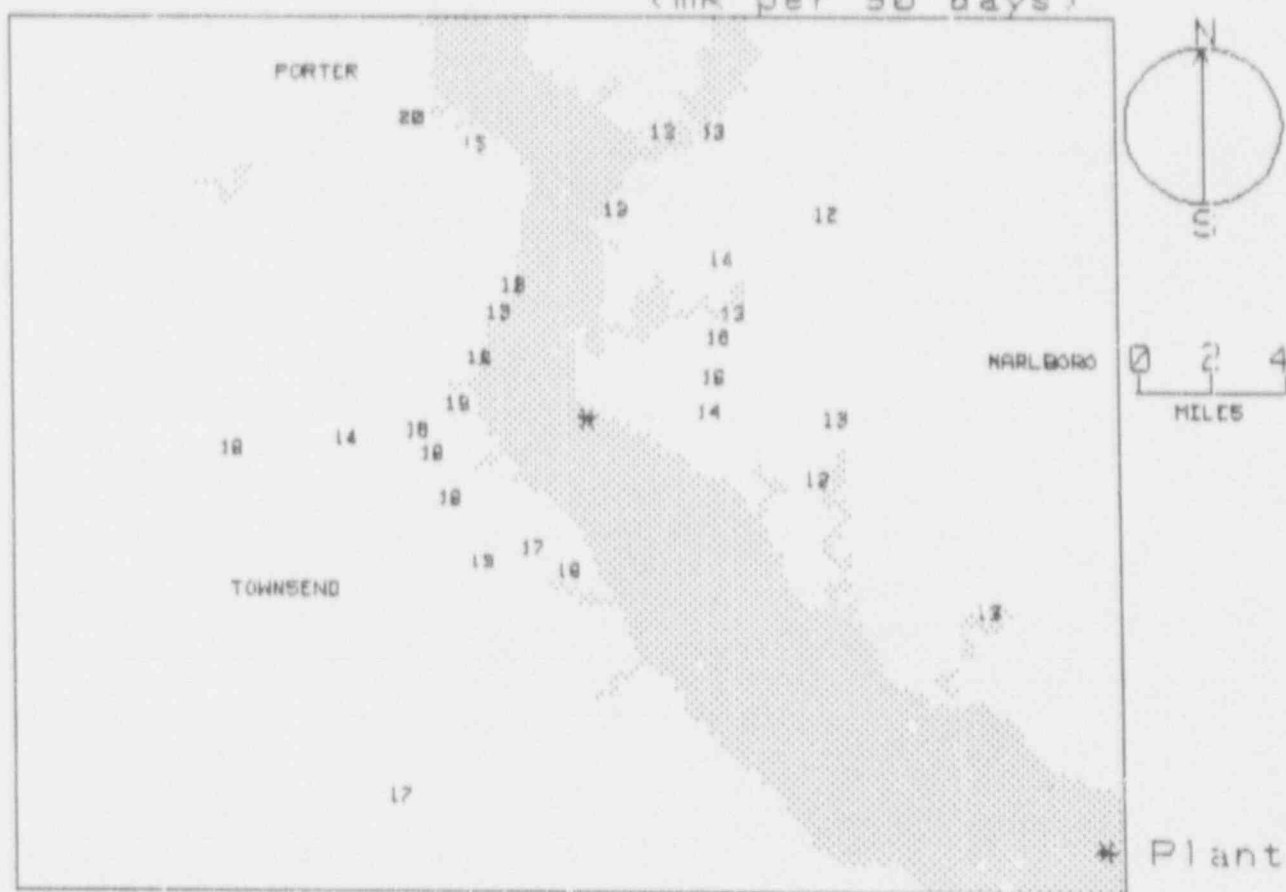
SALEM (DE)
For the period 920314-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	18.2 +- 0.0	1
191.26 - 213.75 SSW	17.0 +- 0.5	2
213.76 - 236.25 SW	18.7 +- 0.0	1
236.26 - 258.75 WSW	18.4 +- 0.1	2
258.76 - 281.25 W	17.4 +- 2.0	4
281.26 - 303.75 WNW	15.7 +- 0.0	1
303.76 - 326.25 NW	13.4 +- 0.0	1
326.26 - 348.75 NNW	17.8 +- 2.5	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	17.5 +- 1.7	10
> 5	16.9 +- 2.3	5
Upwind Control	17.2 +- 3.0	3

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



SALEM (NJ)

TLD Direct Radiation Environmental Monitoring

For the period 920314-920723 132 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	87	3.3	17.6 +- 0.5; 2.6	14.4 +- 0.6; 3.9	14.3 +- 1.0
2	79	3.4	17.5 +- 0.5; 2.6	14.3 +- 0.6; 3.9	14.2 +- 1.2
3	72	3.6	19.5 +- 0.6; 2.9	16.4 +- 0.7; 4.1	16.9 +- 2.5
4	58	4.2	18.8 +- 0.6; 2.8	15.6 +- 0.6; 4.0	15.6 +- 1.8
5	54	4.9	15.8 +- 0.5; 2.4	12.7 +- 0.6; 3.7	13.7 +- 1.7
6	68	8.6	Missing Dosimeter	No Net Data	12.4 +- 1.5
7	40	5.7	16.7 +- 0.5; 2.5	13.5 +- 0.6; 3.8	13.9 +- 1.2
8	116	12.0	16.5 +- 0.5; 2.5	13.4 +- 0.6; 3.8	13.9 +- 1.4
10	8	5.8	16.4 +- 0.5; 2.5	13.3 +- 0.6; 3.7	14.3 +- 1.6
11	15	8.1	15.7 +- 0.5; 2.4	12.6 +- 0.6; 3.7	13.4 +- 1.2
12	24	8.6	15.7 +- 0.5; 2.4	12.6 +- 0.6; 3.7	13.4 +- 1.3
13	49	8.6	15.1 +- 0.5; 2.3	12.0 +- 0.5; 3.6	13.0 +- 1.4
14	90	6.7	15.8 +- 0.5; 2.4	12.7 +- 0.6; 3.7	12.6 +- 1.3
15	105	6.4	15.1 +- 0.5; 2.3	12.0 +- 0.5; 3.6	12.6 +- 1.7

Transit Dose = 3.0 +- 0.3; 2.9

SALEM (NJ)

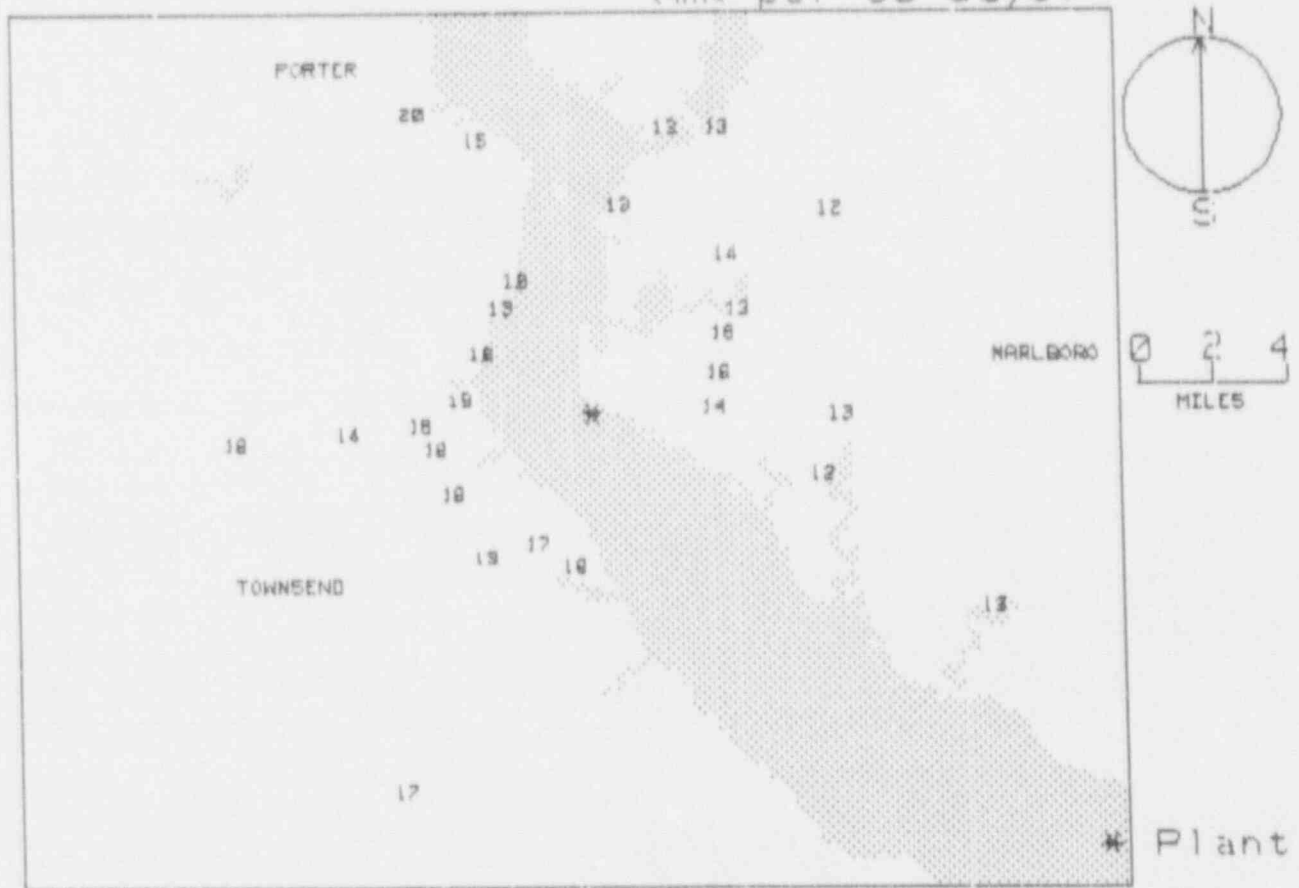
For the period 920314-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.3 +- 0.0	1
11.26 - 33.75 NNE	12.6 +- 0.0	2
33.76 - 56.25 NE	12.7 +- 0.8	3
56.26 - 78.75 ENE	16.0 +- 0.5	2
78.76 - 101.25 E	13.8 +- 1.0	3
101.26 - 123.75 ESE	12.7 +- 1.0	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	14.7 +- 1.4	5
> 5	12.7 +- 0.6	8
Upwind Control	No Data +- No Data	0

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



SAN ONOFRE
TLD Direct Radiation Environmental Monitoring

SAN ONOFRE - Second Quarter TLDs Not Collected At Time of Report

SAN ONOFRE
TLD Direct Radiation Environmental Monitoring

SAN ONOFRE - Second Quarter TLDs Not Collected At Time of Report

SAN ONOFRE
TLD Direct Radiation Environmental Monitoring

SAN ONOFRE - Second Quarter TLDs Not Collected At Time of Report

SEABROOK
 TLD Direct Radiation Environmental Monitoring
 For the period 920313-920716 126 Days
 Field Time: 77 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	17.9	+- 0.5; 2.7	19.8	+- 0.7; 4.1	17.4	+- 2.6
2	178	0.7	16.9	+- 0.5; 2.5	18.6	+- 0.6; 4.0	16.9	+- 2.4
3	207	0.7	17.4	+- 0.5; 2.6	19.1	+- 0.7; 4.1	16.1	+- 2.7
4	224	0.9	19.3	+- 0.6; 2.9	21.4	+- 0.7; 4.3	17.7	+- 2.8
5	243	1.2	18.1	+- 0.5; 2.7	20.0	+- 0.7; 4.2	16.0	+- 2.8
6	294	1.0	17.7	+- 0.5; 2.7	19.5	+- 0.7; 4.1	17.1	+- 2.5
7	267	0.7	17.6	+- 0.5; 2.6	19.4	+- 0.7; 4.1	16.6	+- 2.5
8	320	1.1	18.7	+- 0.6; 2.8	20.7	+- 0.7; 4.3	17.6	+- 2.9
9	329	1.6	20.3	+- 0.6; 3.0	22.6	+- 0.8; 4.5	19.0	+- 2.9
10	357	1.9	17.8	+- 0.5; 2.7	19.6	+- 0.7; 4.1	16.7	+- 2.6
11	18	2.5	18.5	+- 0.6; 2.8	20.5	+- 0.7; 4.2	17.4	+- 2.6
12	46	1.9	16.5	+- 0.5; 2.5	18.1	+- 0.6; 4.0	16.3	+- 3.8
13	83	1.7	17.7	+- 0.5; 2.7	19.5	+- 0.7; 4.1	17.0	+- 2.6
14	43	4.1	19.3	+- 0.6; 2.9	21.4	+- 0.7; 4.3	17.5	+- 2.5
15	358	4.2	18.8	+- 0.6; 2.8	20.8	+- 0.7; 4.3	17.7	+- 2.7
16	18	11.8	18.9	+- 0.6; 2.8	20.9	+- 0.7; 4.3	17.9	+- 2.6
17	321	7.4	20.8	+- 0.6; 3.1	23.1	+- 0.8; 4.5	18.8	+- 3.0
18	291	3.9	18.9	+- 0.6; 2.8	20.9	+- 0.7; 4.3	17.6	+- 2.4
19	267	3.7	17.4	+- 0.5; 2.6	19.2	+- 0.7; 4.1	17.4	+- 3.7
20	251	4.2	20.1	+- 0.6; 3.0	22.3	+- 0.8; 4.4	18.8	+- 2.8
21	228	4.7	16.4	+- 0.5; 2.5	18.0	+- 0.6; 4.0	17.2	+- 2.8
22	209	6.2	19.8	+- 0.6; 3.0	22.0	+- 0.7; 4.4	19.4	+- 2.7
23	187	6.5	20.1	+- 0.6; 3.0	22.3	+- 0.7; 4.4	19.1	+- 2.9
24	163	7.1	16.1	+- 0.5; 2.4	17.6	+- 0.6; 3.9	15.5	+- 2.5
25	174	4.0	16.6	+- 0.5; 2.5	18.3	+- 0.6; 4.0	16.2	+- 3.0
26	157	4.0	17.3	+- 0.5; 2.6	19.0	+- 0.7; 4.1	16.3	+- 2.6
27	136	2.4	18.3	+- 0.5; 2.7	20.2	+- 0.7; 4.2	17.1	+- 2.8
28	118	1.6	17.3	+- 0.5; 2.6	19.0	+- 0.7; 4.1	16.0	+- 2.4
30	67	2.1	20.4	+- 0.6; 3.1	22.7	+- 0.8; 4.5	17.9	+- 2.5
31	335	5.5	18.9	+- 0.6; 2.8	20.9	+- 0.7; 4.3	17.8	+- 2.5
32	318	3.2	18.6	+- 0.6; 2.8	20.6	+- 0.7; 4.2	18.5	+- 2.9
33	230	19.3	19.2	+- 0.6; 2.9	21.2	+- 0.7; 4.3	17.5	+- 3.5
34	230	19.3	19.6	+- 0.6; 2.9	21.8	+- 0.7; 4.4	17.7	+- 2.9
35	230	19.3	19.1	+- 0.6; 2.9	21.1	+- 0.7; 4.3	19.4	+- 3.9

Transit Dose = 1.0 +- 0.2; 2.3

SEABROOK

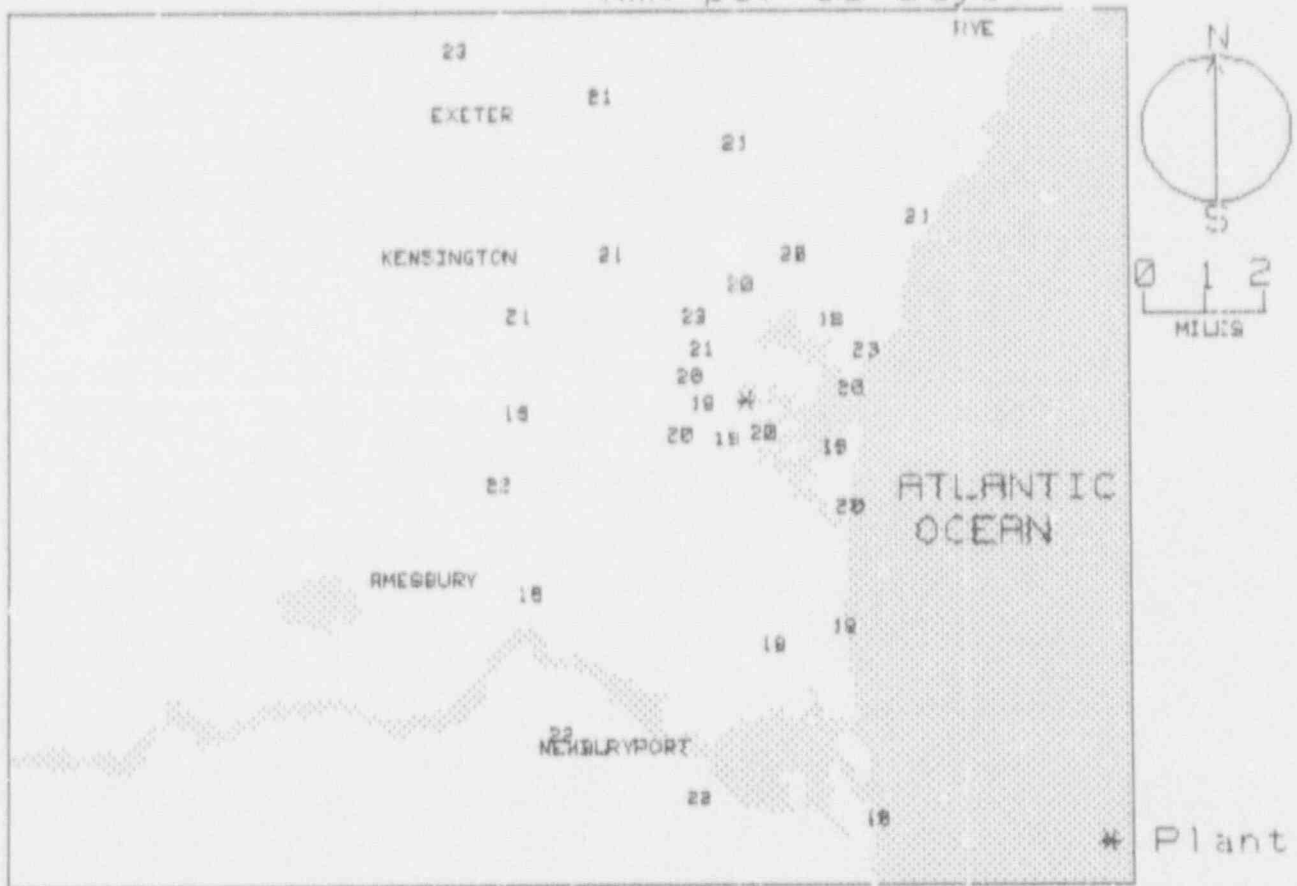
For the period 920313-920716

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 +- 0.8	2
11.26 - 33.75 NNE	20.7 +- 0.3	2
33.76 - 56.25 NE	19.8 +- 2.3	2
56.26 - 78.75 ENE	22.7 +- 0.0	1
78.76 - 101.25 E	19.5 +- 0.0	1
101.26 - 123.75 ESE	19.0 +- 0.0	1
123.76 - 146.25 SE	20.2 +- 0.0	1
146.26 - 168.75 SSE	18.8 +- 1.1	3
168.76 - 191.25 S	19.7 +- 2.2	3
191.26 - 213.75 SSW	20.6 +- 2.0	2
213.76 - 236.25 SW	20.2 +- 1.8	3
236.26 - 258.75 WSW	21.1 +- 1.7	2
258.76 - 281.25 W	19.3 +- 0.1	2
281.26 - 303.75 WNW	20.2 +- 1.0	2
303.76 - 326.25 NW	21.9 +- 1.7	2
326.26 - 348.75 NNW	21.7 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.8 +- 1.2	13
2 - 5	20.3 +- 1.5	11
> 5	21.1 +- 1.8	7
Upwind Control	21.2 +- 0.6	3

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



SEQUOYAH

TLD Direct Radiation Environmental Monitoring

For the period 920311-920716 128 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	218 12.0	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.1	16.9 +- 1.4
2	206 13.0	17.6 +- 0.5; 2.6	14.9 +- 0.6; 3.8	14.2 +- 1.2
3	203 3.9	23.5 +- 0.7; 3.5	20.7 +- 0.8; 4.4	19.9 +- 1.4
4	199 2.0	20.2 +- 0.6; 3.0	17.4 +- 0.7; 4.1	16.4 +- 1.3
5	181 1.4	23.6 +- 0.7; 3.5	20.7 +- 0.8; 4.5	21.0 +- 1.5
6	153 1.5	18.9 +- 0.6; 2.8	16.1 +- 0.6; 3.9	15.4 +- 1.2
7	139 1.9	17.4 +- 0.5; 2.6	14.7 +- 0.6; 3.8	14.6 +- 1.1
8	115 1.8	19.0 +- 0.6; 2.9	16.3 +- 0.6; 4.0	16.0 +- 2.0
9	84 1.6	16.4 +- 0.5; 2.5	13.7 +- 0.6; 3.7	13.7 +- 1.4
10	66 1.3	19.0 +- 0.6; 2.9	16.3 +- 0.6; 4.0	15.7 +- 1.2
11	45 1.5	19.9 +- 0.6; 3.0	17.2 +- 0.7; 4.1	16.6 +- 1.3
12	14 2.0	20.9 +- 0.6; 3.1	18.0 +- 0.7; 4.1	18.6 +- 1.2
13	2 2.1	22.0 +- 0.7; 3.3	19.2 +- 0.7; 4.3	18.7 +- 1.4
14	19 3.9	18.7 +- 0.6; 2.8	15.9 +- 0.6; 3.9	15.8 +- 1.2
15	48 4.0	16.1 +- 0.5; 2.4	13.4 +- 0.6; 3.7	13.8 +- 1.2
16	65 4.9	18.5 +- 0.6; 2.8	15.7 +- 0.6; 3.9	15.7 +- 1.2
17	90 3.9	18.4 +- 0.6; 2.8	15.7 +- 0.6; 3.9	17.7 +- 1.5
18	111 3.4	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.1	16.3 +- 1.6
19	135 3.4	20.1 +- 0.6; 3.0	17.3 +- 0.7; 4.1	15.9 +- 1.1
20	158 3.4	19.2 +- 0.6; 2.9	16.4 +- 0.6; 4.0	14.1 +- 2.0
21	184 4.6	24.3 +- 0.7; 3.6	21.4 +- 0.8; 4.5	18.4 +- 2.3
22	233 11.0	18.1 +- 0.5; 2.7	15.3 +- 0.6; 3.9	14.1 +- 1.5
23	219 4.9	21.2 +- 0.6; 3.2	18.4 +- 0.7; 4.2	17.6 +- 1.6
24	241 4.3	18.3 +- 0.5; 2.7	15.5 +- 0.6; 3.9	15.6 +- 1.3
25	235 2.0	15.8 +- 0.5; 2.4	13.1 +- 0.5; 3.6	13.2 +- 1.1
26	248 1.5	17.9 +- 0.5; 2.7	15.2 +- 0.6; 3.8	15.6 +- 2.1
27	266 1.2	17.0 +- 0.5; 2.5	14.2 +- 0.6; 3.7	14.6 +- 1.1
28	291 1.2	18.7 +- 0.6; 2.8	15.9 +- 0.6; 3.9	15.7 +- 1.5
29	309 1.2	19.5 +- 0.6; 2.9	16.7 +- 0.6; 4.0	15.9 +- 1.5
30	330 0.5	20.5 +- 0.6; 3.1	17.7 +- 0.7; 4.1	16.7 +- 1.4
31	339 1.8	20.9 +- 0.6; 3.1	18.1 +- 0.7; 4.2	16.9 +- 1.2
32	355 4.9	17.6 +- 0.5; 2.6	14.9 +- 0.6; 3.8	14.7 +- 1.3
33	334 3.6	17.7 +- 0.5; 2.7	15.0 +- 0.6; 3.8	14.5 +- 1.5
34	317 4.4	20.6 +- 0.6; 3.1	17.8 +- 0.7; 4.1	15.1 +- 1.7
35	277 5.6	20.0 +- 0.6; 3.0	17.2 +- 0.7; 4.1	16.3 +- 1.2
36	283 3.6	17.2 +- 0.5; 2.6	14.4 +- 0.6; 3.8	14.4 +- 1.2
37	273 4.4	19.2 +- 0.6; 2.9	16.4 +- 0.6; 4.0	15.0 +- 1.4
38	302 19.0	18.9 +- 0.6; 2.8	16.2 +- 0.6; 3.9	15.2 +- 1.3
39	290 18.0	19.7 +- 0.6; 2.9	16.9 +- 0.6; 4.0	16.3 +- 1.1
40	289 18.0	Damaged Dosimeter	No Net Data	15.0 +- 1.1
41	318 6.1	19.0 +- 0.6; 2.8	16.2 +- 0.6; 4.0	15.7 +- 1.2

Transit Dose = 2.4 +- 0.3; 2.9

SEQUOYAH

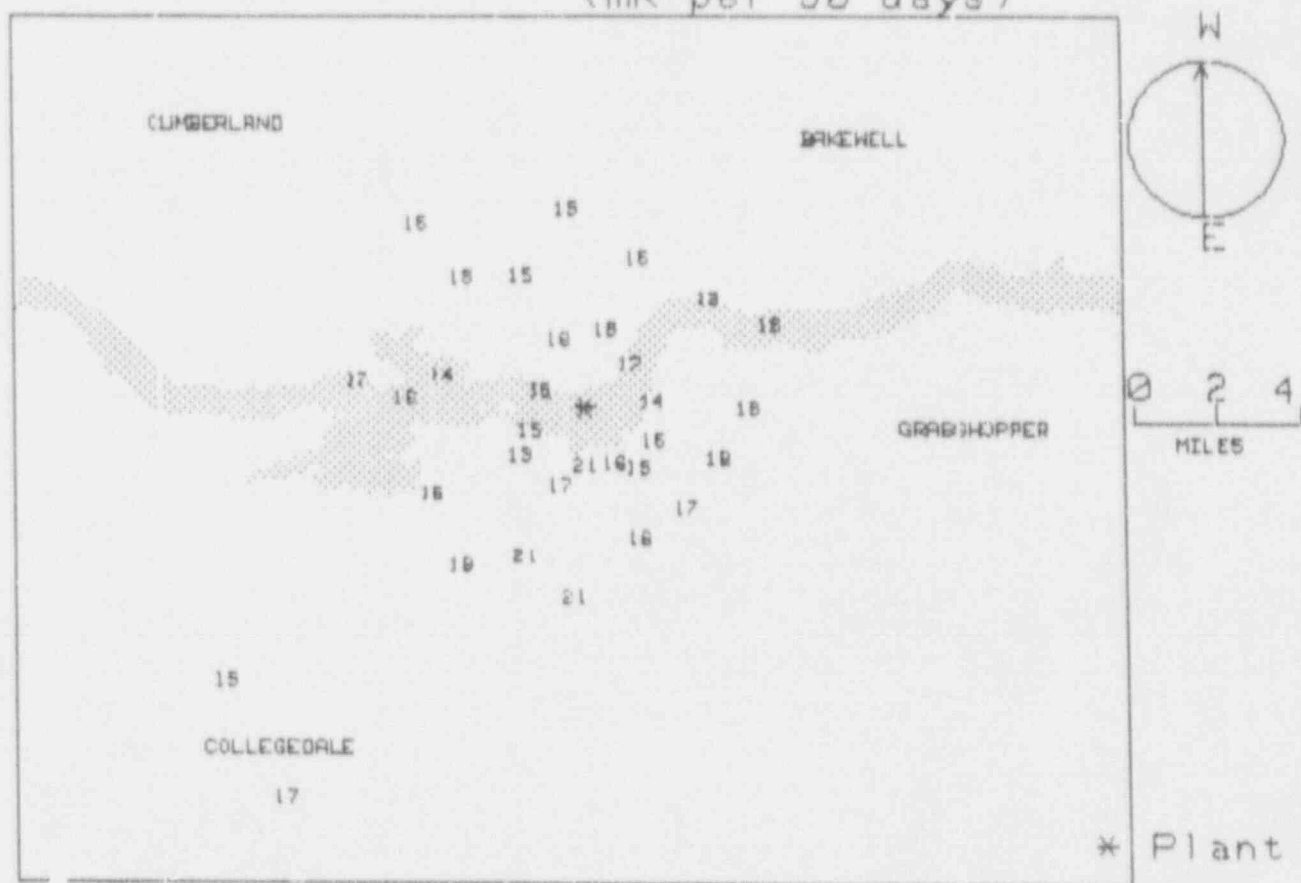
For the period 920311-920716

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 +- 3.0	2
11.26 - 33.75 NNE	17.0 +- 1.5	2
33.76 - 56.25 NE	15.3 +- 2.7	2
56.26 - 78.75 ENE	16.0 +- 0.4	2
78.76 - 101.25 E	14.7 +- 1.4	2
101.26 - 123.75 ESE	16.9 +- 0.9	2
123.76 - 146.25 SE	16.0 +- 1.8	2
146.26 - 168.75 SSE	16.3 +- 0.2	2
168.76 - 191.25 S	21.1 +- 0.5	2
191.26 - 213.75 SSW	17.7 +- 2.9	3
213.76 - 236.25 SW	16.0 +- 2.3	4
236.26 - 258.75 WSW	15.4 +- 0.3	2
258.76 - 281.25 W	15.9 +- 1.5	3
281.26 - 303.75 WNW	15.2 +- 1.1	2
303.76 - 326.25 NW	16.9 +- 0.8	3
326.26 - 348.75 NNW	16.9 +- 1.7	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.3 +- 1.9	16
2 - 5	16.8 +- 2.2	17
> 5	16.2 +- 1.0	5
Upwind Control	16.5 +- 0.5	2

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



SHOREHAM

TLD Direct Radiation Environmental Monitoring

For the period 920313-920723 133 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	262	10.0	17.8	+ - 0.5; 2.7	14.5	+ - 0.6; 3.7	13.6	+ - 1.7
2	268	4.4	18.1	+ - 0.5; 2.7	14.7	+ - 0.6; 3.7	14.7	+ - 1.6
3	256	3.2	16.8	+ - 0.5; 2.5	13.5	+ - 0.5; 3.6	14.0	+ - 1.7
4	268	2.1	19.7	+ - 0.6; 3.0	16.1	+ - 0.6; 3.9	15.0	+ - 1.1
5	243	1.7	18.1	+ - 0.5; 2.7	14.7	+ - 0.6; 3.7	14.7	+ - 1.3
7	136	1.5	20.9	+ - 0.6; 3.1	17.3	+ - 0.6; 4.0	15.4	+ - 3.3
8	116	0.9	21.8	+ - 0.7; 3.3	18.1	+ - 0.7; 4.1	17.2	+ - 1.5
9	91	0.8	18.5	+ - 0.6; 2.8	15.1	+ - 0.6; 3.8	13.8	+ - 1.5
10	73	0.7	16.1	+ - 0.5; 2.4	12.8	+ - 0.5; 3.5	13.3	+ - 1.2
11	62	0.7	15.3	+ - 0.5; 2.3	12.1	+ - 0.5; 3.5	12.8	+ - 1.6
12	75	1.6	17.5	+ - 0.5; 2.6	14.1	+ - 0.6; 3.7	13.8	+ - 1.5
13	88	2.1	18.9	+ - 0.6; 2.8	15.4	+ - 0.6; 3.8	14.5	+ - 1.6
14	119	4.6	17.0	+ - 0.5; 2.6	13.7	+ - 0.5; 3.6	13.4	+ - 1.5
15	110	10.0	16.8	+ - 0.5; 2.5	13.5	+ - 0.5; 3.6	14.7	+ - 1.8
16	138	14.0	17.2	+ - 0.5; 2.6	13.9	+ - 0.6; 3.6	13.7	+ - 1.6
17	162	12.0	17.2	+ - 0.5; 2.6	13.8	+ - 0.5; 3.6	14.0	+ - 2.6
18	174	11.0	20.6	+ - 0.6; 3.1	17.0	+ - 0.6; 4.0	13.7	+ - 1.7
19	189	5.1	17.9	+ - 0.5; 2.7	14.5	+ - 0.6; 3.7	13.7	+ - 1.5
21	163	2.5	16.7	+ - 0.5; 2.5	13.4	+ - 0.5; 3.6	13.7	+ - 1.8
22	149	1.5	18.7	+ - 0.6; 2.8	15.3	+ - 0.6; 3.8	15.1	+ - 1.7
23	177	1.3	17.6	+ - 0.5; 2.6	14.2	+ - 0.6; 3.7	14.6	+ - 1.5
24	196	1.2	17.6	+ - 0.5; 2.6	14.2	+ - 0.6; 3.7	13.6	+ - 1.4
25	217	1.5	16.3	+ - 0.5; 2.5	13.1	+ - 0.5; 3.6	13.2	+ - 1.7
26	215	4.6	16.4	+ - 0.5; 2.5	13.2	+ - 0.5; 3.6	12.3	+ - 1.7
27	205	4.2	16.9	+ - 0.5; 2.5	13.6	+ - 0.5; 3.6	13.9	+ - 1.6
28	233	11.0	Missing Dosimeter		No Net Data		13.4	+ - 1.4
29	224	13.0	16.2	+ - 0.5; 2.4	13.0	+ - 0.5; 3.6	13.1	+ - 1.3
30	202	14.0	18.4	+ - 0.6; 2.8	14.9	+ - 0.6; 3.7	13.9	+ - 1.4
31	210	15.0	16.9	+ - 0.5; 2.5	13.6	+ - 0.5; 3.6	13.2	+ - 1.2
32	210	15.0	18.2	+ - 0.5; 2.7	14.8	+ - 0.6; 3.7	13.7	+ - 1.8
33	210	15.0	Missing Dosimeter		No Net Data		12.9	+ - 1.6
34	27	0.2	14.7	+ - 0.4; 2.2	11.5	+ - 0.5; 3.4	13.2	+ - 2.4
35	50	0.3	19.4	+ - 0.6; 2.9	15.9	+ - 0.6; 3.8	15.3	+ - 1.7
36	133	3.9	Damaged Dosimeter		No Net Data		14.6	+ - 1.7

Transit Dose = 2.1 + - 0.3, 3.0

SHOREHAM

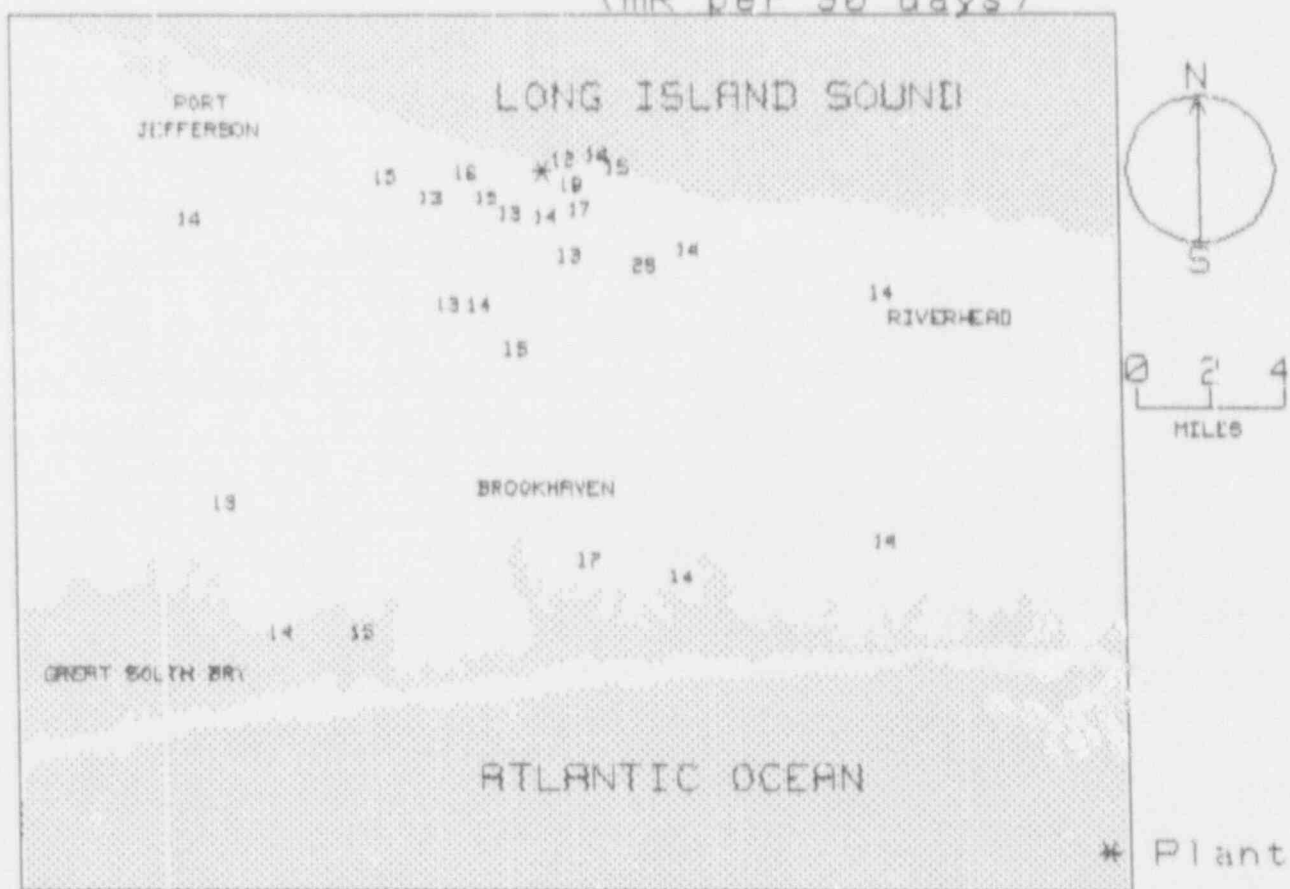
For the period 920313-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	11.5 +- 0.0	1
33.76 - 56.25 NE	15.9 +- 0.0	1
56.26 - 78.75 ENE	13.0 +- 1.0	3
78.76 - 101.25 E	15.3 +- 0.3	2
101.26 - 123.75 ESE	15.1 +- 2.6	3
123.76 - 146.25 SE	15.6 +- 2.4	2
146.26 - 168.75 SSE	14.1 +- 1.0	3
168.76 - 191.25 S	15.2 +- 1.5	3
191.26 - 213.75 SSW	14.2 +- 0.7	3
213.76 - 236.25 SW	13.1 +- 0.1	3
236.26 - 258.75 WSW	14.1 +- 0.9	2
258.76 - 281.25 W	15.1 +- 0.9	3
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 1.9	13
2 - 5	14.2 +- 1.1	8
> 5	14.4 +- 1.2	8
Upwind Control	14.2 +- 0.8	2

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



SOUTH TEXAS

TLD Direct Radiation Environmental Monitoring

For the period 920309-920722 136 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	90	1.0	26.2	+- 0.8; 3.9	17.6	+- 1.0; 5.4	17.3	+- 4.3
2	63	1.0	26.8	+- 0.8; 4.0	18.2	+- 1.0; 5.4	18.9	+- 4.7
3	40	1.0	27.6	+- 0.8; 4.1	19.0	+- 1.0; 5.5	19.5	+- 4.4
4	19	1.0	27.4	+- 0.8; 4.1	18.8	+- 1.0; 5.5	18.0	+- 3.9
5	4	0.9	26.6	+- 0.8; 4.0	18.0	+- 1.0; 5.4	17.8	+- 3.7
6	339	0.9	27.2	+- 0.8; 4.1	18.6	+- 1.0; 5.5	18.4	+- 4.4
7	318	1.0	26.6	+- 0.8; 4.0	18.0	+- 1.0; 5.4	17.8	+- 4.7
8	294	1.1	29.3	+- 0.9; 4.4	20.8	+- 1.0; 5.7	20.7	+- 4.6
9	267	1.3	29.8	+- 0.9; 4.5	21.3	+- 1.1; 5.8	20.7	+- 4.5
10	126	0.3	24.5	+- 0.7; 3.7	15.8	+- 0.9; 5.2	23.0	+-33.2
11	180	0.1	27.1	+- 0.8; 4.1	18.5	+- 1.0; 5.5	21.3	+-25.0
12	257	0.5	23.8	+- 0.7; 3.6	15.0	+- 0.9; 5.1	21.7	+-27.8
13	262	0.9	25.3	+- 0.8; 3.8	16.7	+- 0.9; 5.3	16.7	+- 5.3
14	250	1.3	25.3	+- 0.8; 3.8	16.6	+- 0.9; 5.2	17.8	+- 8.5
15	227	2.4	23.5	+- 0.7; 3.5	14.8	+- 0.9; 5.0	17.8	+-14.4
16	210	3.7	24.0	+- 0.7; 3.6	15.3	+- 0.9; 5.1	16.2	+- 8.9
17	175	3.6	23.0	+- 0.7; 3.4	14.2	+- 0.9; 5.0	20.8	+-26.9
18	158	3.7	23.7	+- 0.7; 3.5	14.9	+- 0.9; 5.1	16.3	+- 6.9
19	143	3.3	23.3	+- 0.7; 3.5	14.6	+- 0.9; 5.0	16.7	+-10.4
20	122	2.3	23.5	+- 0.7; 3.5	14.8	+- 0.9; 5.1	18.1	+-10.5
21	121	1.1	25.1	+- 0.8; 3.8	16.4	+- 0.9; 5.2	17.3	+-10.3
22	257	2.5	26.5	+- 0.8; 4.0	17.9	+- 1.0; 5.4	17.5	+- 5.1
23	262	4.5	27.3	+- 0.8; 4.1	18.7	+- 1.0; 5.5	20.2	+- 5.3
24	282	4.7	25.5	+- 0.8; 3.8	16.9	+- 0.9; 5.3	17.3	+- 3.0
25	304	5.8	25.4	+- 0.8; 3.8	16.8	+- 0.9; 5.3	18.3	+-12.1
26	242	5.4	27.5	+- 0.8; 4.1	18.9	+- 1.0; 5.5	18.9	+-10.2
27	223	5.0	24.9	+- 0.7; 3.7	16.2	+- 0.9; 5.2	18.1	+- 5.8
28	236	9.6	23.4	+- 0.7; 3.5	14.7	+- 0.9; 5.0	16.9	+- 9.9
29	259	10.0	25.3	+- 0.8; 3.3	16.6	+- 0.9; 5.3	17.9	+- 8.3
30	291	6.2	26.0	+- 0.8; 3.9	17.4	+- 1.0; 5.3	18.8	+- 5.1
31	323	7.8	27.7	+- 0.8; 4.2	19.1	+- 1.0; 5.5	23.8	+-23.3
32	335	7.4	31.7	+- 1.0; 4.8	23.3	+- 1.1; 6.0	23.9	+-12.1
33	351	5.5	25.4	+- 0.8; 3.8	16.8	+- 0.9; 5.3	18.4	+-15.8
34	88	4.4	25.2	+- 0.8; 3.8	16.5	+- 0.9; 5.2	16.1	+- 2.8
35	89	6.7	25.2	+- 0.8; 3.8	16.5	+- 0.9; 5.2	15.6	+- 3.9
36	121	3.9	Missing Dosimeter		No Net Data		17.4	+- 4.4
37	145	8.8	26.2	+- 0.8; 3.9	17.6	+- 1.0; 5.4	15.8	+- 4.9
38	297	12.0	25.8	+- 0.8; 3.9	17.1	+- 0.9; 5.3	15.9	+- 3.5
39	321	9.3	27.9	+- 0.8; 4.2	19.3	+- 1.0; 5.6	20.7	+-12.8
40	353	12.0	25.2	+- 0.8; 3.8	16.6	+- 0.9; 5.2	15.2	+- 3.4
41	13	18.0	27.8	+- 0.8; 4.2	19.2	+- 1.0; 5.5	16.9	+- 3.1
42	21	5.7	29.5	+- 0.9; 4.4	21.0	+- 1.0; 5.8	17.8	+- 4.8
43	39	5.8	27.5	+- 0.8; 4.1	18.9	+- 1.0; 5.5	17.7	+- 2.7
44	53	5.1	Missing Dosimeter		No Net Data		20.2	+- 4.1
45	69	7.3	25.3	+- 0.8; 3.8	16.7	+- 0.9; 5.3	17.4	+- 9.4
46	66	17.0	29.6	+- 0.9; 4.4	21.1	+- 1.1; 5.8	20.8	+- 6.0

Transit Dose = 9.2 +- 0.5; 3.4

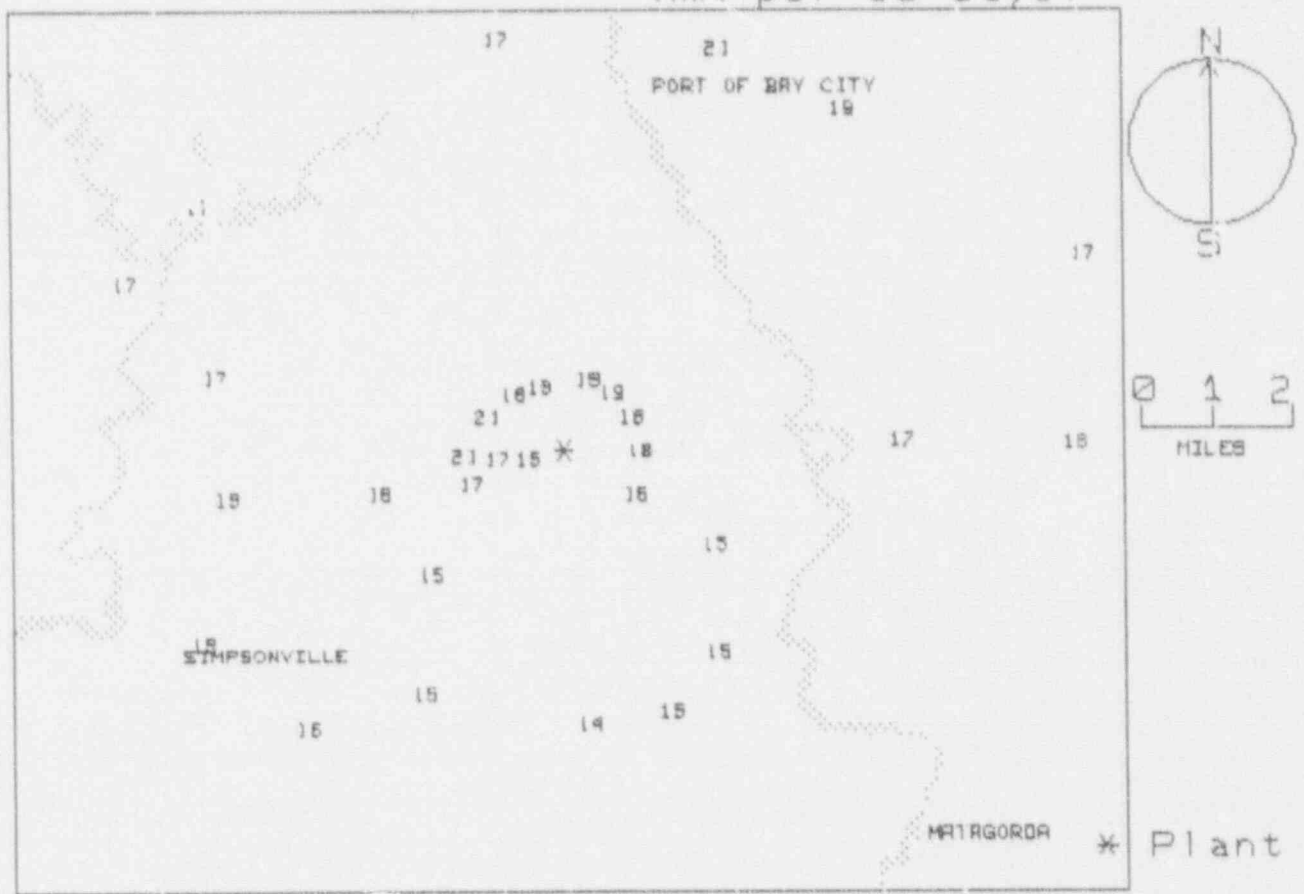
SOUTH TEXAS
For the period 920309-920722

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 +- 0.9	2
11.26 - 33.75 NNE	19.9 +- 1.5	2
33.76 - 56.25 NE	19.0 +- 0.1	2
56.26 - 78.75 ENE	18.6 +- 2.3	3
78.76 - 101.25 E	16.9 +- 0.6	3
101.26 - 123.75 ESE	15.6 +- 1.1	2
123.76 - 146.25 SE	16.0 +- 1.5	3
146.26 - 168.75 SSE	14.9 +- 0.0	1
168.76 - 191.25 S	16.4 +- 0.0	2
191.26 - 213.75 SSW	15.3 +- 0.0	1
213.76 - 236.25 SW	15.2 +- 0.9	3
236.26 - 258.75 WSW	17.1 +- 1.7	4
258.76 - 281.25 W	18.3 +- 2.2	4
281.26 - 303.75 WNW	18.3 +- 2.1	3
303.76 - 326.25 NW	18.3 +- 1.2	4
326.26 - 348.75 NNW	20.9 +- 3.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 1.7	15
2 - 5	15.9 +- 1.5	11
> 5	18.3 +- 2.2	15
Upwind Control	17.6 +- 1.4	3

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



ST. LUCIE
 TLD Direct Radiation Environmental Monitoring
 For the period 920311-920728 140 Days
 Field Time: 93 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	20	0.3	15.3 +- 0.5; 2.3	13.7 +- 0.5; 3.5	14.5 +- 3.8
2	45	0.2	16.5 +- 0.5; 2.5	14.9 +- 0.5; 3.6	15.5 +- 3.9
3	67	0.2	14.7 +- 0.4; 2.2	13.1 +- 0.5; 3.4	16.7 +- 4.7
4	92	0.3	15.6 +- 0.5; 2.3	14.0 +- 0.5; 3.5	14.0 +- 3.9
5	115	0.4	15.2 +- 0.5; 2.3	13.6 +- 0.5; 3.5	13.5 +- 3.9
6	143	1.1	14.1 +- 0.4; 2.1	12.5 +- 0.5; 3.4	12.4 +- 3.7
7	150	2.0	12.2 +- 0.4; 1.8	10.7 +- 0.4; 3.2	12.0 +- 3.6
8	154	4.7	14.7 +- 0.4; 2.2	13.1 +- 0.5; 3.4	13.2 +- 3.9
9	152	23.0	15.3 +- 0.5; 2.3	13.7 +- 0.5; 3.5	13.5 +- 4.1
10	152	23.0	15.1 +- 0.5; 2.3	13.6 +- 0.5; 3.5	13.9 +- 5.3
11	152	23.0	15.7 +- 0.5; 2.3	14.1 +- 0.5; 3.5	15.3 +- 5.2
12	168	14.0	13.9 +- 0.4; 2.1	12.3 +- 0.5; 3.4	13.5 +- 3.7
13	185	10.0	Damaged Dosimeter	No Net Data	13.8 +- 3.7
14	183	11.0	17.4 +- 0.5; 2.6	15.8 +- 0.6; 3.7	16.1 +- 3.8
15	170	8.0	13.8 +- 0.4; 2.1	12.2 +- 0.5; 3.4	13.3 +- 4.0
16	196	7.0	14.7 +- 0.4; 2.2	13.2 +- 0.5; 3.4	13.7 +- 3.9
17	229	7.9	15.9 +- 0.5; 2.4	14.3 +- 0.5; 3.6	15.7 +- 4.8
18	250	6.6	12.7 +- 0.4; 1.9	11.2 +- 0.4; 3.3	12.9 +- 3.9
19	247	4.8	15.4 +- 0.5; 2.3	13.9 +- 0.5; 3.5	13.3 +- 3.9
20	229	5.0	14.6 +- 0.4; 2.2	13.0 +- 0.5; 3.4	13.7 +- 3.8
21	208	3.8	14.5 +- 0.4; 2.2	13.0 +- 0.5; 3.4	13.2 +- 4.4
22	187	3.8	14.8 +- 0.4; 2.2	13.2 +- 0.5; 3.5	13.4 +- 4.0
23	203	2.6	15.6 +- 0.5; 2.3	14.0 +- 0.5; 3.5	13.4 +- 3.8
24	245	1.9	15.0 +- 0.5; 2.3	13.4 +- 0.5; 3.5	13.1 +- 3.9
25	280	2.2	15.2 +- 0.5; 2.3	13.7 +- 0.5; 3.5	13.9 +- 4.0
26	299	3.1	14.7 +- 0.4; 2.2	13.1 +- 0.5; 3.4	13.9 +- 3.9
27	305	3.8	14.9 +- 0.4; 2.2	13.3 +- 0.5; 3.5	13.5 +- 3.9
28	276	4.0	14.8 +- 0.4; 2.2	13.3 +- 0.5; 3.5	13.0 +- 3.8
29	293	5.8	14.5 +- 0.4; 2.2	12.9 +- 0.5; 3.4	13.3 +- 3.9
30	316	7.7	14.4 +- 0.4; 2.2	12.8 +- 0.5; 3.4	13.4 +- 4.0
32	300	11.0	15.9 +- 0.5; 2.4	14.3 +- 0.5; 3.6	14.2 +- 3.8
33	322	8.7	13.8 +- 0.4; 2.1	12.3 +- 0.5; 3.4	14.8 +- 3.8
34	339	8.8	15.2 +- 0.5; 2.3	13.7 +- 0.5; 3.5	14.1 +- 3.9
35	342	2.9	Missing Dosimeter	No Net Data	13.0 +- 3.9
36	346	1.9	16.5 +- 0.5; 2.5	14.9 +- 0.5; 3.6	14.1 +- 3.9
37	353	1.0	14.9 +- 0.4; 2.2	13.4 +- 0.5; 3.5	13.5 +- 4.2
38	226	2.0	14.5 +- 0.4; 2.2	12.9 +- 0.5; 3.4	13.6 +- 3.9

Transit Dose = 1.1 +- 0.3; 2.8

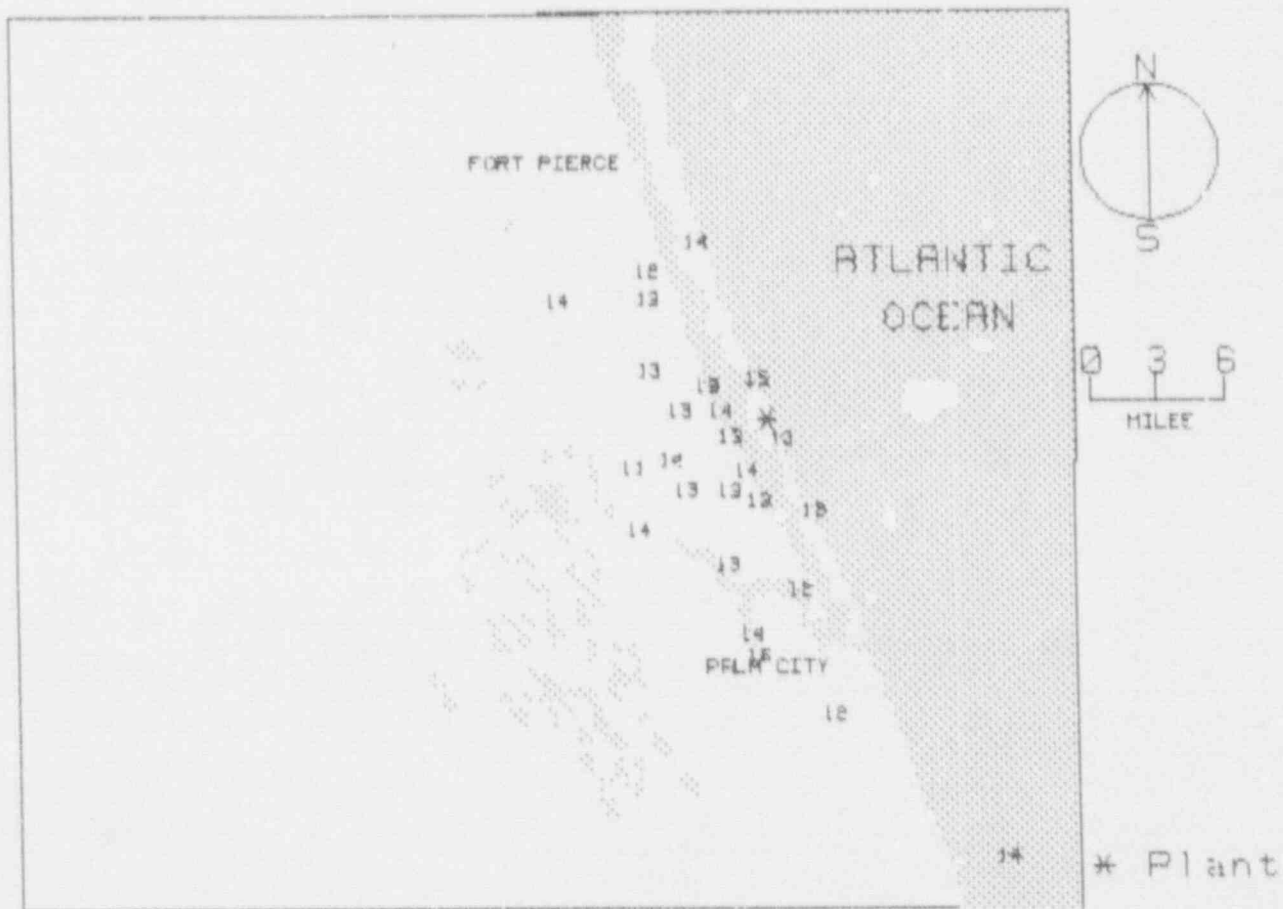
ST. LUCIE
For the period 920311-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.4 +- 0.0	1
11.26 - 33.75 NNE	13.7 +- 0.0	1
33.76 - 56.25 NE	14.9 +- 0.0	1
56.26 - 78.75 ENE	13.1 +- 0.0	1
78.76 - 101.25 E	14.0 +- 0.0	1
101.26 - 123.75 ESE	13.6 +- 0.0	1
123.76 - 146.25 SE	12.5 +- 0.0	1
146.26 - 168.75 SSE	12.0 +- 1.3	3
168.76 - 191.25 S	13.7 +- 1.8	3
191.26 - 213.75 SSW	13.4 +- 0.5	3
213.76 - 236.25 SW	13.4 +- 0.8	3
236.26 - 258.75 WSW	12.8 +- 1.4	3
258.76 - 281.25 W	13.5 +- 0.3	2
281.26 - 303.75 WNW	13.4 +- 0.8	3
303.76 - 326.25 NW	12.8 +- 0.5	3
326.26 - 348.75 NNW	14.3 +- 0.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.4 +- 1.2	11
2 - 5	13.4 +- 0.4	10
> 5	13.2 +- 1.3	11
Upwind Control	13.8 +- 0.3	3

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



SUMMER

TLD Direct Radiation Environmental Monitoring

For the period 920311-920716 128 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	199 3.7	24.1 +- 0.7; 3.6	16.9 +- 0.8; 4.8	22.2 +- 2.6
2	111 1.0	24.4 +- 0.7; 3.7	17.2 +- 0.8; 4.8	20.1 +- 2.6
3	340 4.1	26.0 +- 0.8; 3.9	18.8 +- 0.9; 5.0	23.7 +- 3.0
4	192 9.3	27.4 +- 0.8; 4.1	20.2 +- 0.9; 5.2	21.4 +- 1.8
5	72 1.8	27.6 +- 0.8; 4.1	20.4 +- 0.9; 5.2	23.0 +- 2.7
6	54 1.5	29.5 +- 0.9; 4.4	22.2 +- 1.0; 5.4	22.3 +- 2.0
7	46 3.0	30.4 +- 0.9; 4.6	23.1 +- 1.0; 5.5	27.5 +- 2.6
8	31 3.0	33.2 +- 1.0; 5.0	25.9 +- 1.1; 5.9	28.5 +- 3.1
9	13 3.9	33.6 +- 1.0; 5.0	26.3 +- 1.1; 5.9	27.6 +- 2.1
10	7 4.0	32.4 +- 1.0; 4.9	25.0 +- 1.1; 5.8	26.3 +- 1.7
11	349 4.3	29.2 +- 0.9; 4.4	21.9 +- 1.0; 5.4	22.2 +- 3.4
12	323 5.0	29.0 +- 0.9; 4.4	21.7 +- 1.0; 5.4	24.6 +- 2.4
13	333 3.0	32.2 +- 1.0; 4.8	24.9 +- 1.0; 5.8	24.9 +- 1.9
14	255 2.8	24.9 +- 0.7; 3.7	17.7 +- 0.9; 4.9	19.4 +- 3.7
15	308 5.6	33.0 +- 1.0; 4.9	25.7 +- 1.1; 5.9	26.0 +- 2.2
16	64 3.5	35.1 +- 1.1; 5.3	27.8 +- 1.1; 6.1	26.5 +- 3.2
17	98 3.1	30.4 +- 0.9; 4.6	23.1 +- 1.0; 5.5	23.4 +- 2.1
18	114 3.5	31.9 +- 1.0; 4.8	24.6 +- 1.0; 5.7	23.0 +- 2.0
19	132 2.0	27.9 +- 0.8; 4.2	20.7 +- 0.9; 5.2	21.0 +- 2.1
20	152 4.5	19.0 +- 0.6; 2.9	11.9 +- 0.7; 4.3	14.5 +- 3.0
21	133 4.1	22.4 +- 0.7; 3.4	15.2 +- 0.8; 4.6	16.1 +- 1.9
22	157 2.4	25.0 +- 0.8; 3.8	17.8 +- 0.9; 4.9	18.0 +- 2.3
23	173 2.4	28.4 +- 0.9; 4.3	21.1 +- 0.9; 5.3	20.2 +- 2.2
24	185 3.9	26.9 +- 0.8; 4.0	19.6 +- 0.9; 5.1	19.6 +- 2.3
25	210 3.3	26.6 +- 0.8; 4.0	19.3 +- 0.9; 5.1	19.4 +- 1.9
26	217 3.3	24.3 +- 0.7; 3.6	17.0 +- 0.8; 4.8	17.8 +- 2.2
27	231 3.1	21.3 +- 0.6; 3.2	14.1 +- 0.8; 4.5	15.5 +- 2.3
28	267 2.7	30.3 +- 0.9; 4.5	23.0 +- 1.0; 5.5	22.5 +- 2.1
29	276 3.4	30.7 +- 0.9; 4.5	22.9 +- 1.0; 5.5	23.8 +- 1.9
30	293 3.8	29.5 +- 0.9; 4.4	22.2 +- 1.0; 5.4	25.5 +- 4.4
31	244 3.6	24.6 +- 0.7; 3.7	17.4 +- 0.8; 4.9	20.9 +- 3.6
32	247 6.2	30.4 +- 0.9; 4.6	23.1 +- 1.0; 5.5	23.4 +- 2.2
33	218 9.0	26.7 +- 0.8; 4.0	19.4 +- 0.9; 5.1	20.6 +- 2.1
34	192 9.3	27.7 +- 0.8; 4.2	20.5 +- 0.9; 5.2	20.6 +- 2.0
35	184 14.1	23.8 +- 0.7; 3.6	16.6 +- 0.8; 4.8	16.4 +- 2.0
36	183 14.6	18.9 +- 0.6; 2.8	11.7 +- 0.7; 4.3	15.6 +- 2.8
37	182 14.8	18.2 +- 0.5; 2.7	11.1 +- 0.7; 4.2	14.7 +- 3.0
38	148 20.8	27.3 +- 0.8; 4.1	20.1 +- 0.9; 5.2	21.5 +- 2.8
39	140 25.0	27.4 +- 0.8; 4.1	20.2 +- 0.9; 5.2	22.9 +- 2.4
40	135 23.1	25.0 +- 0.7; 3.7	17.7 +- 0.9; 4.9	20.4 +- 3.6

Transit Dose = 7.0 +- 0.4; 3.3

SUMMER

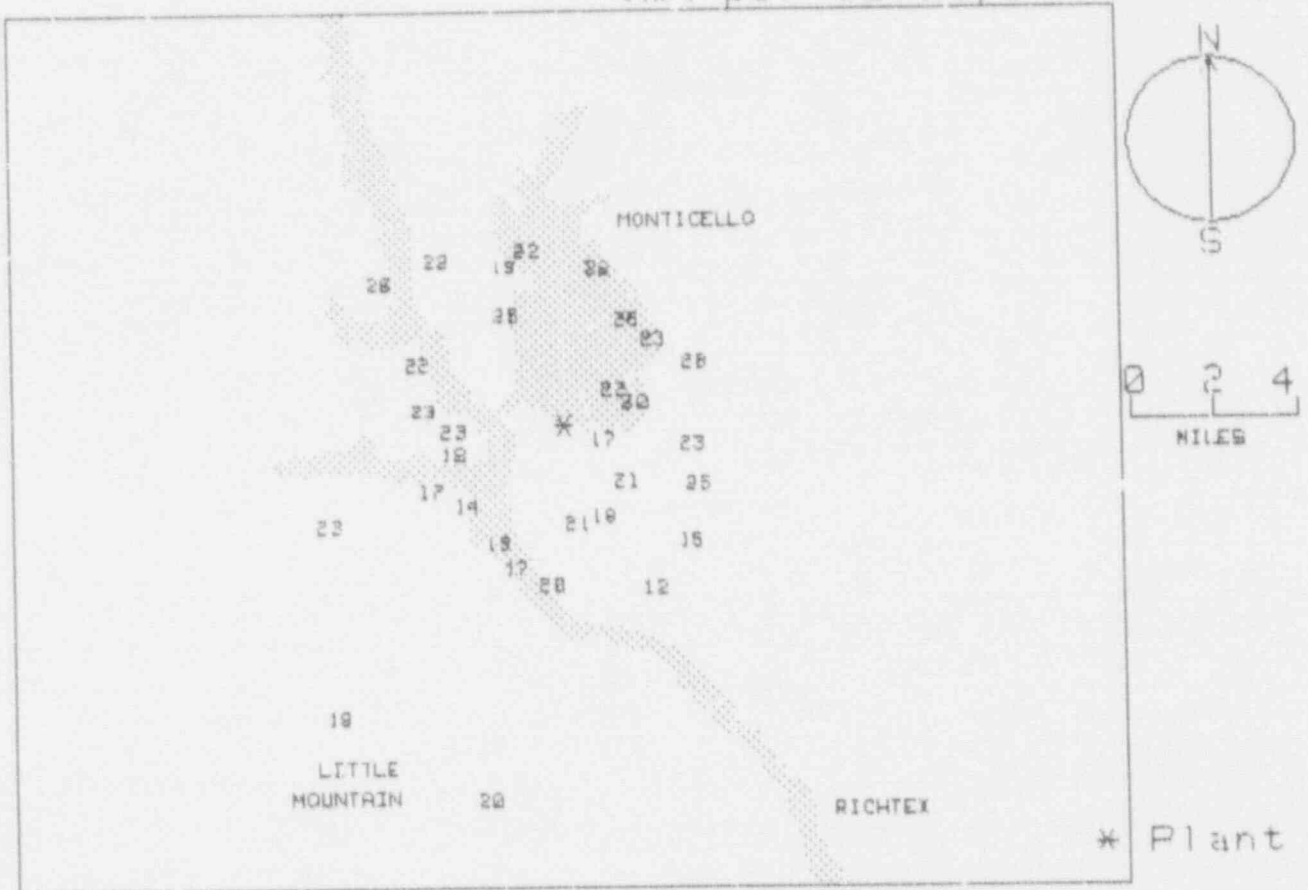
For the period 920311-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	23.5 +- 2.2	2
11.26 - 33.75 NNE	26.1 +- 0.3	2
33.76 - 56.25 NE	22.6 +- 0.7	2
56.26 - 78.75 ENE	24.1 +- 5.2	2
78.76 - 101.25 E	23.1 +- 0.0	1
101.26 - 123.75 ESE	20.9 +- 5.2	2
123.76 - 146.25 SE	18.4 +- 2.5	4
146.26 - 168.75 SSE	16.6 +- 4.2	3
168.76 - 191.25 S	20.4 +- 1.1	2
191.26 - 213.75 SSW	19.2 +- 1.6	4
213.76 - 236.25 SW	16.8 +- 2.7	3
236.26 - 258.75 WSW	19.4 +- 3.2	3
258.76 - 281.25 W	23.0 +- 0.1	2
281.26 - 303.75 WNW	22.2 +- 0.0	1
303.76 - 326.25 NW	23.7 +- 2.8	2
326.26 - 348.75 NNW	21.9 +- 4.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.1 +- 2.1	4
2 - 5	20.8 +- 4.1	25
> 5	20.9 +- 2.4	8
Upwind Control	13.1 +- 3.0	3

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



SURRY

TLD Direct Radiation Environmental Monitoring

For the period 920311-920723 135 Days

Field Time: 88 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	20.0	+- 0.6; 3.0	16.4	+- 0.7; 4.2	15.7	+- 1.2
2	129	17.0	20.5	+- 0.6; 3.1	17.0	+- 0.7; 4.3	17.4	+- 1.2
3	162	17.0	20.0	+- 0.6; 3.0	16.4	+- 0.7; 4.2	16.0	+- 1.4
4	162	17.0	18.1	+- 0.5; 2.7	14.6	+- 0.7; 4.0	13.2	+- 1.7
5	156	5.1	22.2	+- 0.7; 3.3	18.7	+- 0.8; 4.5	17.8	+- 1.4
6	189	4.1	19.3	+- 0.6; 2.9	15.7	+- 0.7; 4.2	14.8	+- 1.7
7	202	2.2	18.2	+- 0.5; 2.7	14.6	+- 0.7; 4.1	14.7	+- 1.6
8	183	1.6	22.1	+- 0.7; 3.3	18.6	+- 0.8; 4.5	17.3	+- 1.3
9	243	0.2	24.7	+- 0.7; 3.7	21.3	+- 0.8; 4.8	20.3	+- 1.6
10	269	0.1	26.2	+- 0.8; 3.9	22.7	+- 0.9; 5.0	23.6	+- 2.6
11	304	0.1	24.9	+- 0.7; 3.7	21.4	+- 0.8; 4.8	24.4	+- 3.4
12	334	0.2	27.2	+- 0.8; 4.1	23.8	+- 0.9; 5.1	23.8	+- 2.5
13	10	1.2	20.0	+- 0.6; 3.0	16.5	+- 0.7; 4.2	16.4	+- 1.5
14	21	2.0	21.2	+- 0.6; 3.2	17.7	+- 0.7; 4.4	16.9	+- 1.5
15	203	4.5	20.2	+- 0.6; 3.0	16.6	+- 0.7; 4.3	15.2	+- 1.5
16	224	3.7	18.8	+- 0.6; 2.8	15.2	+- 0.7; 4.1	14.0	+- 1.3
17	212	2.0	22.1	+- 0.7; 3.3	18.6	+- 0.8; 4.5	17.2	+- 1.5
18	248	5.1	19.5	+- 0.6; 2.9	15.9	+- 0.7; 4.2	14.7	+- 1.5
19	259	8.1	20.1	+- 0.6; 3.0	16.6	+- 0.7; 4.3	15.3	+- 2.5
20	285	5.0	15.5	+- 0.5; 2.3	11.9	+- 0.6; 3.8	10.9	+- 1.7
21	270	4.1	22.9	+- 0.7; 3.4	19.4	+- 0.8; 4.6	18.8	+- 1.6
22	123	12.0	23.0	+- 0.7; 3.4	19.5	+- 0.8; 4.6	21.2	+- 2.7
23	102	11.0	27.4	+- 0.8; 4.1	24.0	+- 0.9; 5.1	23.2	+- 2.0
24	106	4.9	22.2	+- 0.7; 3.3	18.7	+- 0.8; 4.5	17.8	+- 1.6
25	90	5.2	21.8	+- 0.7; 3.3	18.3	+- 0.8; 4.5	17.0	+- 1.6
26	69	5.1	25.4	+- 0.8; 3.8	21.0	+- 0.9; 4.9	21.4	+- 1.7
27	23	5.3	23.7	+- 0.7; 3.6	20.2	+- 0.8; 4.7	18.4	+- 1.6
28	49	5.0	22.5	+- 0.7; 3.4	19.0	+- 0.8; 4.5	18.8	+- 1.7
29	7	6.8	22.3	+- 0.7; 3.4	18.8	+- 0.8; 4.5	18.1	+- 1.5
30	359	6.5	19.9	+- 0.6; 3.0	16.3	+- 0.7; 4.2	15.8	+- 1.5
31	1	4.6	18.0	+- 0.5; 2.7	14.4	+- 0.6; 4.0	13.5	+- 2.8
32	332	3.8	Missing Dosimeter		No Net Data		16.6	+- 1.9
33	314	5.4	21.6	+- 0.6; 3.2	18	+- 0.7; 4.4	17.7	+- 1.4
34	308	6.4	19.0	+- 0.6; 2.8	15.4	+- 0.7; 4.1	16.6	+- 1.6
35	348	5.3	19.7	+- 0.6; 2.9	16.1	+- 0.7; 4.2	15.5	+- 1.5
36	43	15.0	20.5	+- 0.6; 3.1	17.0	+- 0.7; 4.3	16.1	+- 1.6
37	340	15.0	18.9	+- 0.6; 2.8	15.3	+- 0.7; 4.1	14.5	+- 1.5
38	19	16.0	22.0	+- 0.7; 3.3	18.5	+- 0.8; 4.5	15.7	+- 2.5
39	153	1.9	23.1	+- 0.7; 3.5	19.7	+- 0.8; 4.6	18.7	+- 1.6
40	144	2.1	22.6	+- 0.7; 3.4	19.1	+- 0.8; 4.5	16.0	+- 1.6

Transit Dose = 3.9 +- 0.3; 2.9

SURRY

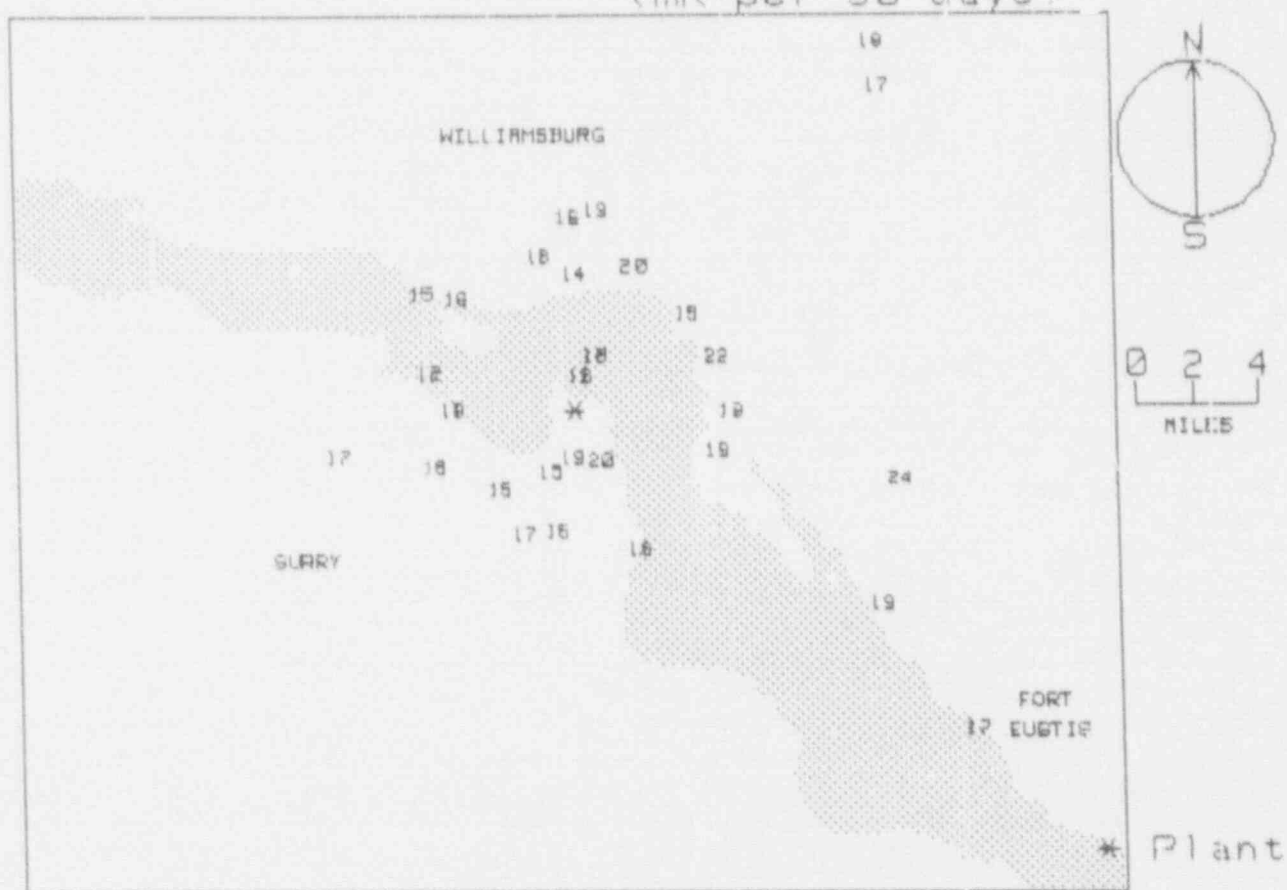
For the period 920311-920723

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.5 +- 1.8	4
11.26 - 33.75 NNE	18.1 +- 1.9	3
33.76 - 56.25 NE	19.0 +- 0.0	1
56.26 - 78.75 ENE	22.0 +- 0.0	1
78.76 - 101.25 E	18.3 +- 0.0	1
101.26 - 123.75 ESE	20.7 +- 2.8	3
123.76 - 146.25 SE	18.0 +- 1.5	2
146.26 - 168.75 SSE	17.3 +- 2.3	4
168.76 - 191.25 S	17.2 +- 2.1	2
191.26 - 213.75 SSW	16.6 +- 2.0	3
213.76 - 236.25 SW	15.2 +- 0.0	1
236.26 - 258.75 WSW	18.6 +- 3.8	2
258.76 - 281.25 W	19.6 +- 3.1	3
281.26 - 303.75 WNW	11.9 +- 0.0	1
303.76 - 326.25 NW	18.3 +- 3.0	3
326.26 - 348.75 NNW	19.9 +- 5.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.0 +- 2.4	9
2 - 5	16.5 +- 2.5	10
> 5	17.9 +- 2.5	17
Upwind Control	16.9 +- 1.6	3

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



SUSQUEHANNA

TLD Direct Radiation Environmental Monitoring

For the period 920314-920716 125 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	19	1.4	22.9 +- 0.7; 3.4	19.6 +- 0.7; 4.4	18.7 +- 2.5
2	358	1.4	23.1 +- 0.7; 3.5	19.8 +- 0.7; 4.4	18.9 +- 2.0
3	332	1.6	21.0 +- 0.6; 3.1	17.8 +- 0.7; 4.2	17.7 +- 1.8
4	315	1.8	21.2 +- 0.6; 3.2	18.0 +- 0.7; 4.2	17.3 +- 2.0
5	287	1.7	23.7 +- 0.7; 3.6	20.4 +- 0.8; 4.5	18.9 +- 1.9
6	270	1.3	22.7 +- 0.7; 3.4	19.4 +- 0.7; 4.4	18.7 +- 1.9
7	239	1.8	22.2 +- 0.7; 3.3	19.0 +- 0.7; 4.3	17.7 +- 1.8
8	217	2.0	25.7 +- 0.8; 3.9	22.4 +- 0.8; 4.7	21.1 +- 2.1
9	201	1.5	22.9 +- 0.7; 3.4	19.6 +- 0.7; 4.4	18.9 +- 2.0
10	185	1.3	21.5 +- 0.6; 3.2	18.3 +- 0.7; 4.2	17.2 +- 1.5
11	243	5.1	22.5 +- 0.7; 3.4	19.3 +- 0.7; 4.4	18.9 +- 2.0
12	252	4.6	21.2 +- 0.6; 3.2	18.0 +- 0.7; 4.2	18.1 +- 1.7
13	274	3.4	24.9 +- 0.7; 3.7	21.6 +- 0.8; 4.6	20.9 +- 1.8
14	286	3.6	22.9 +- 0.7; 3.4	19.6 +- 0.7; 4.4	19.5 +- 1.9
15	1	3.9	24.4 +- 0.7; 3.7	21.1 +- 0.8; 4.6	20.0 +- 1.9
16	334	4.1	Missing Dosimeter	No Net Data	19.5 +- 2.1
17	312	4.4	22.6 +- 0.7; 3.4	19.4 +- 0.7; 4.4	18.5 +- 1.9
18	33	5.0	23.5 +- 0.7; 3.5	20.2 +- 0.8; 4.5	19.4 +- 1.6
19	45	9.9	22.9 +- 0.7; 3.4	19.7 +- 0.7; 4.4	19.5 +- 1.7
20	65	4.7	25.0 +- 0.7; 3.7	21.7 +- 0.8; 4.6	20.7 +- 1.8
21	43	3.3	24.3 +- 0.7; 3.6	21.0 +- 0.8; 4.6	21.4 +- 1.8
22	33	0.9	23.9 +- 0.7; 3.6	20.6 +- 0.8; 4.5	17.8 +- 2.4
23	57	1.2	20.8 +- 0.6; 3.1	17.6 +- 0.7; 4.2	17.5 +- 1.6
24	87	1.4	22.7 +- 0.7; 3.4	19.4 +- 0.7; 4.4	19.0 +- 1.7
25	111	1.4	23.2 +- 0.7; 3.5	20.0 +- 0.7; 4.4	18.6 +- 2.0
26	137	1.5	21.9 +- 0.7; 3.3	18.6 +- 0.7; 4.3	18.9 +- 1.8
27	152	1.5	22.9 +- 0.7; 3.4	19.6 +- 0.7; 4.4	19.6 +- 1.8
28	107	3.6	24.9 +- 0.7; 3.7	21.5 +- 0.8; 4.6	21.4 +- 5.6
29	99	4.3	23.1 +- 0.7; 3.5	19.8 +- 0.7; 4.4	20.3 +- 1.9
30	138	3.6	24.3 +- 0.7; 3.7	21.0 +- 0.8; 4.6	20.3 +- 2.0
31	162	3.4	25.9 +- 0.8; 3.9	22.6 +- 0.8; 4.7	21.5 +- 2.5
32	176	3.5	25.0 +- 0.7; 3.7	21.7 +- 0.8; 4.6	20.0 +- 2.1
33	192	3.2	Damaged Dosimeter	No Net Data	21.0 +- 2.1
34	231	4.4	22.7 +- 0.7; 3.4	19.4 +- 0.7; 4.4	19.4 +- 2.3
35	134	12.3	24.5 +- 0.7; 3.7	21.2 +- 0.8; 4.6	19.6 +- 2.2
36	114	13.5	26.7 +- 0.8; 4.0	23.3 +- 0.8; 4.8	21.8 +- 2.2
37	150	15.6	23.3 +- 0.7; 3.5	20.0 +- 0.7; 4.4	19.0 +- 2.0

Transit Dose = 2.8 +- 0.3; 2.9

SUSQUEHANNA

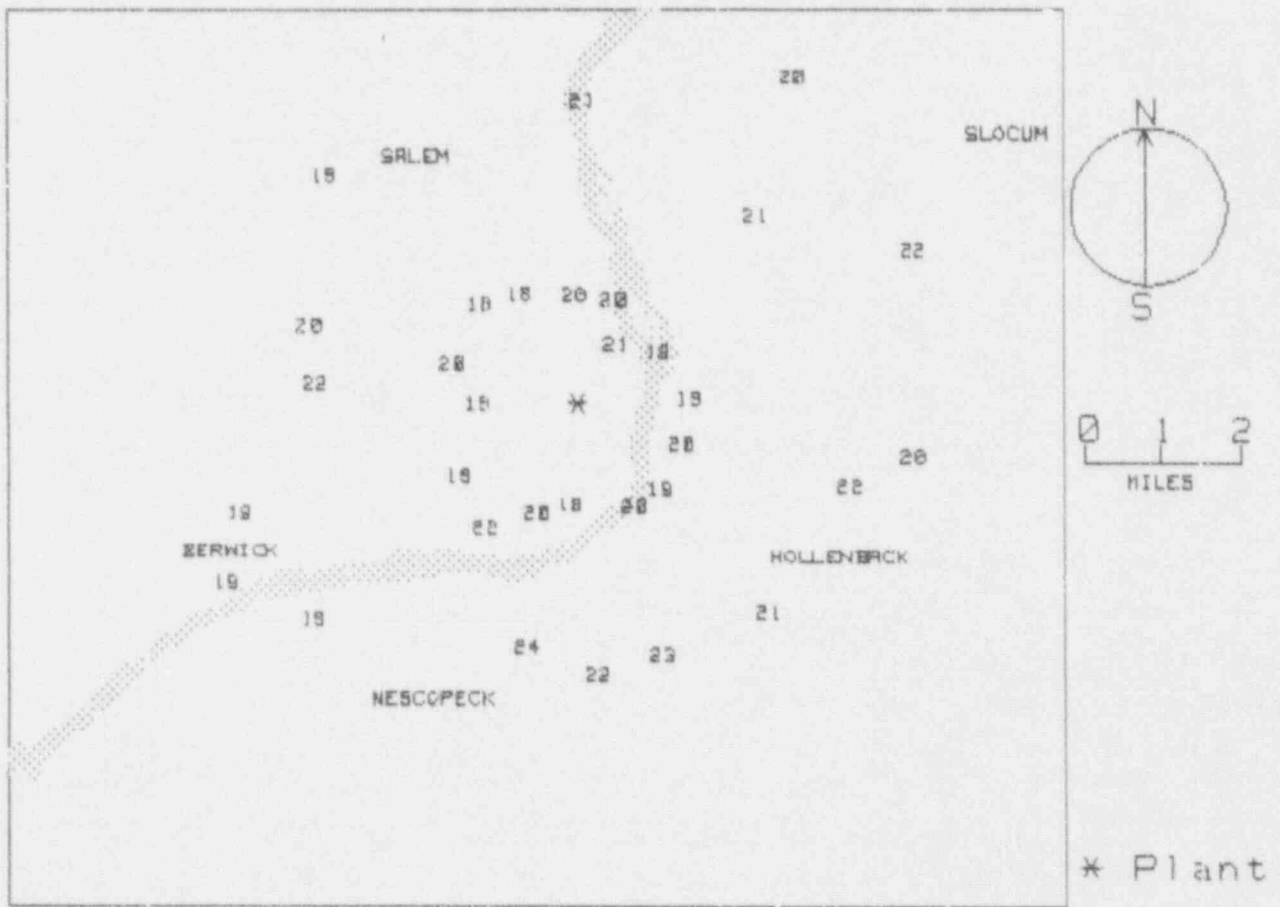
For the period 920314-920716

PLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.4 +- 0.9	2
11.26 - 33.75 NNE	20.1 +- 0.5	3
33.76 - 56.25 NE	20.3 +- 1.0	2
56.26 - 78.75 ENE	19.6 +- 2.9	2
78.76 - 101.25 E	19.6 +- 0.3	2
101.26 - 123.75 ESE	20.8 +- 1.1	2
123.76 - 146.25 SE	19.8 +- 1.7	2
146.26 - 168.75 SSE	21.1 +- 2.1	2
168.76 - 191.25 S	20.0 +- 2.4	2
191.26 - 213.75 SSW	19.6 +- 0.0	1
213.76 - 236.25 SW	20.9 +- 2.1	2
236.26 - 258.75 WSW	18.7 +- 0.7	3
258.76 - 281.25 W	20.5 +- 1.5	2
281.26 - 303.75 WNW	20.0 +- 0.6	2
303.76 - 326.25 NW	18.7 +- 1.0	2
326.26 - 348.75 NNW	17.8 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.4 +- 1.2	16
2 - 5	20.6 +- 1.2	14
> 5	19.5 +- 0.3	2
Upwind Control	21.5 +- 1.7	3

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



THREE MILE ISLAND
 TLD Direct Radiation Environmental Monitoring
 For the period 920314-920716 125 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	95	5.9	20.2 +- 0.6; 3.0	No Net Data	15.8 +- 2.0
2	102	3.9	22.2 +- 0.7; 3.3	No Net Data	18.2 +- 1.9
3	110	2.7	16.0 +- 0.5; 2.4	No Net Data	14.5 +- 2.9
4	162	1.8	19.1 +- 0.6; 2.9	No Net Data	15.3 +- 2.0
5	161	2.3	19.3 +- 0.6; 2.9	No Net Data	15.4 +- 1.8
6	152	1.1	19.6 +- 0.6; 2.9	No Net Data	16.2 +- 1.8
7	123	0.5	17.6 +- 0.5; 2.6	No Net Data	14.5 +- 1.9
8	87	0.4	21.5 +- 0.6; 3.2	No Net Data	15.1 +- 1.9
9	61	0.5	17.8 +- 0.5; 2.7	No Net Data	15.0 +- 1.7
10	1	1.7	18.4 +- 0.6; 2.8	No Net Data	15.0 +- 2.1
11	27	0.8	19.1 +- 0.6; 2.9	No Net Data	15.0 +- 2.0
12	48	1.0	18.6 +- 0.6; 2.8	No Net Data	15.4 +- 2.1
13	19	2.0	19.4 +- 0.6; 2.9	No Net Data	15.7 +- 2.0
14	358	2.4	17.6 +- 0.5; 2.6	No Net Data	14.3 +- 2.0
15	132	9.0	21.2 +- 0.6; 3.2	No Net Data	18.1 +- 2.2
16	0	3.0	Missing Dosimeter	No Net Data	14.5 +- 2.3
18	347	3.5	21.4 +- 0.6; 3.2	No Net Data	18.2 +- 2.4
19	343	3.1	19.8 +- 0.6; 3.0	No Net Data	16.3 +- 1.9
20	318	5.0	18.7 +- 0.6; 2.8	No Net Data	15.0 +- 2.0
21	348	2.7	16.0 +- 0.5; 2.4	No Net Data	12.3 +- 2.0
22	17	3.1	19.9 +- 0.6; 3.0	No Net Data	15.8 +- 1.7
23	64	3.7	16.2 +- 0.5; 2.4	No Net Data	12.8 +- 2.0
24	44	3.6	20.2 +- 0.6; 3.0	No Net Data	16.7 +- 2.1
25	327	0.4	16.2 +- 0.5; 2.4	No Net Data	15.7 +- 4.8
27	7	7.1	23.7 +- 0.7; 3.6	No Net Data	20.2 +- 2.2
29	293	0.4	18.5 +- 0.6; 2.8	No Net Data	19.0 +- 5.1
30	314	1.1	20.6 +- 0.6; 3.1	No Net Data	20.6 +- 5.8
31	303	8.6	16.9 +- 0.5; 2.5	No Net Data	13.7 +- 1.8
32	297	7.6	20.3 +- 0.6; 3.0	No Net Data	17.1 +- 1.9
33	302	5.8	16.3 +- 0.5; 2.4	No Net Data	13.8 +- 2.1
34	296	2.3	19.2 +- 0.6; 2.9	No Net Data	16.1 +- 2.2
35	308	1.8	20.8 +- 0.6; 3.1	No Net Data	16.1 +- 1.8
36	265	1.2	16.4 +- 0.5; 2.5	No Net Data	12.6 +- 2.0
37	256	1.4	17.5 +- 0.5; 2.6	No Net Data	13.5 +- 2.0
38	225	1.9	19.8 +- 0.6; 3.0	No Net Data	16.9 +- 1.6
39	204	2.0	16.8 +- 0.5; 2.5	No Net Data	12.9 +- 1.9
40	202	2.5	18.7 +- 0.6; 2.8	No Net Data	14.5 +- 2.0
41	184	12.6	19.8 +- 0.6; 3.0	No Net Data	16.2 +- 4
42	259	7.4	19.6 +- 0.6; 2.9	No Net Data	15.9 +- 1.7
43	268	6.2	19.7 +- 0.6; 3.0	No Net Data	17.1 +- 3.1
44	249	4.3	18.0 +- 0.5; 2.7	No Net Data	14.8 +- 2.0
45	221	0.5	15.5 +- 0.5; 2.3	No Net Data	17.3 +- 5.2
46	171	3.0	19.4 +- 0.6; 2.9	No Net Data	14.7 +- 2.5
47	177	5.7	18.1 +- 0.5; 2.7	No Net Data	15.4 +- 2.2
48	181	9.1	25.7 +- 0.8; 3.8	No Net Data	22.1 +- 2.5
49	199	1.0	18.1 +- 0.5; 2.7	No Net Data	18.4 +- 5.5
50	145	4.9	22.4 +- 0.7; 3.4	No Net Data	16.4 +- 2.9

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

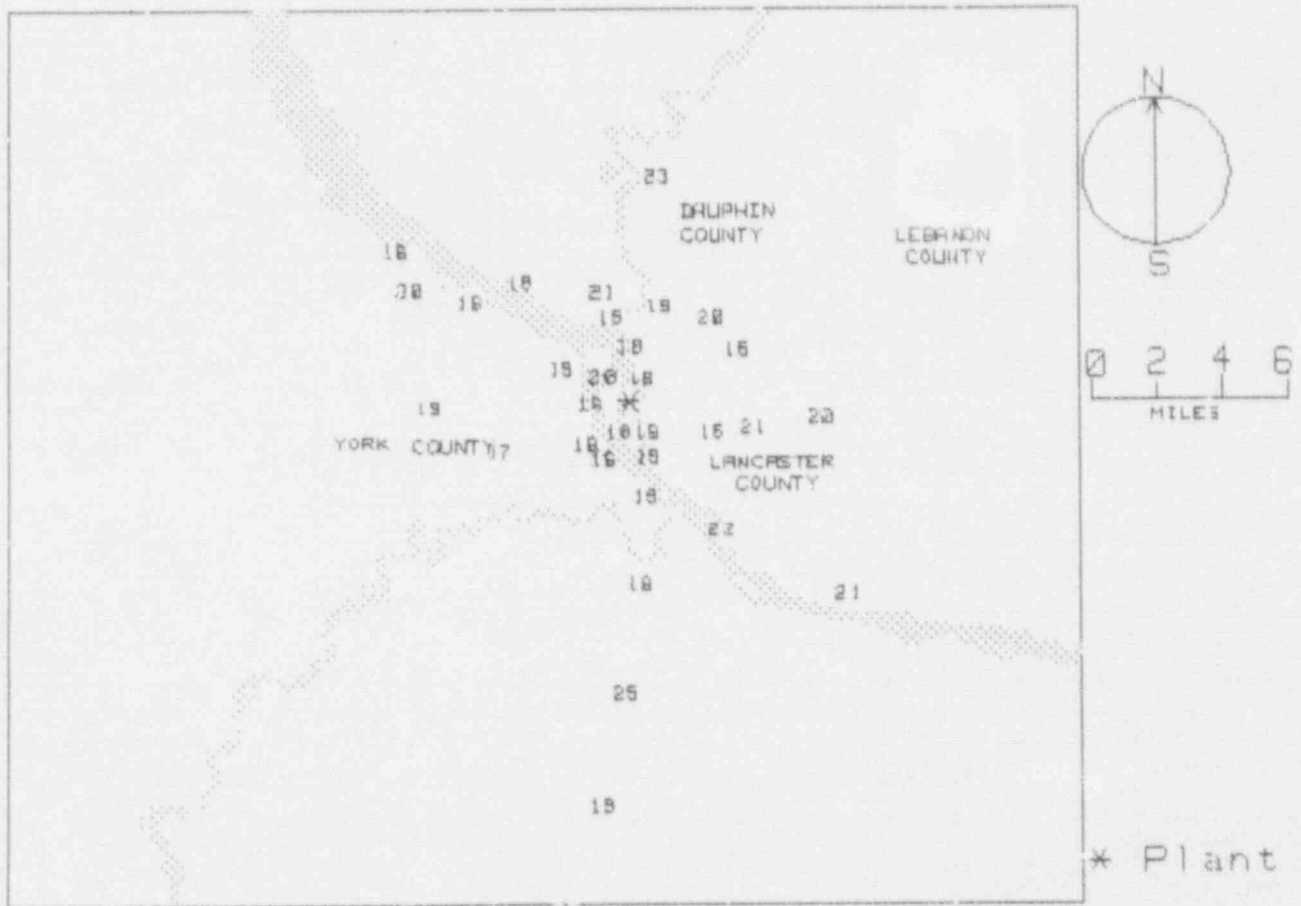
THREE MILE ISLAND
For the period 920314-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.3 +- 2.4	3
11.26 - 33.75 NNE	14.0 +- 0.3	3
33.76 - 56.25 NE	14.0 +- 0.8	2
56.26 - 78.75 ENE	12.2 +- 0.8	2
78.76 - 101.25 E	15.0 +- 0.7	2
101.26 - 123.75 ESE	13.4 +- 2.3	3
123.76 - 146.25 SE	15.7 +- 0.6	2
146.26 - 168.75 SSE	13.9 +- 0.2	3
168.76 - 191.25 S	14.9 +- 2.4	4
191.26 - 213.75 SSW	12.9 +- 0.7	3
213.76 - 236.25 SW	12.7 +- 2.2	2
236.26 - 258.75 WSW	13.0 +- 0.0	1
258.76 - 281.25 W	14.2 +- 0.0	2
281.26 - 303.75 WNW	13.1 +- 1.2	5
303.76 - 326.25 NW	14.1 +- 1.0	2
326.26 - 348.75 NNW	13.2 +- 1.9	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.3 +- 1.1	16
2 - 5	13.7 +- 1.4	16
> 5	14.5 +- 2.0	11
Upwind Control	13.1 +- 1.6	3

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



TROJAN

TLD Direct Radiation Environmental Monitoring

For the period 920309-920716 130 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	340 0.6	17.9 +- 0.5; 2.7	13.1 +- 0.6; 3.9	12.0 +- 1.0
2	334 1.5	19.6 +- 0.6; 2.9	14.8 +- 0.7; 4.1	14.6 +- 0.9
3	340 1.7	17.3 +- 0.5; 2.6	12.5 +- 0.6; 3.9	11.7 +- 0.8
4	328 3.9	17.5 +- 0.5; 2.6	12.8 +- 0.6; 3.9	12.7 +- 1.1
5	308 4.6	Missing Dosimeter	No Net Data	14.3 +- 1.2
6	312 4.5	Missing Dosimeter	No Net Data	15.1 +- 1.8
7	267 4.6	19.5 +- 0.6; 2.9	14.7 +- 0.7; 4.1	14.6 +- 1.0
8	274 3.8	21.2 +- 0.6; 3.2	16.4 +- 0.7; 4.3	15.4 +- 1.1
9	279 1.7	20.4 +- 0.6; 3.1	15.6 +- 0.7; 4.2	14.4 +- 1.3
10	263 2.0	19.6 +- 0.6; 2.9	14.8 +- 0.7; 4.1	15.1 +- 0.9
11	245 1.6	20.8 +- 0.6; 3.1	16.0 +- 0.7; 4.2	16.2 +- 1.8
12	223 1.2	21.4 +- 0.6; 3.2	16.5 +- 0.7; 4.3	16.5 +- 1.5
13	196 1.1	20.7 +- 0.6; 3.1	15.9 +- 0.7; 4.2	15.3 +- 1.1
14	180 1.2	19.9 +- 0.6; 3.0	15.1 +- 0.7; 4.1	14.3 +- 1.1
15	165 1.7	18.5 +- 0.6; 2.8	13.8 +- 0.6; 4.0	13.4 +- 1.4
16	212 3.9	19.9 +- 0.6; 3.0	15.1 +- 0.7; 4.1	16.0 +- 2.2
17	230 3.5	Missing Dosimeter	No Net Data	15.9 +- 1.3
18	162 9.3	21.6 +- 0.6; 3.2	16.7 +- 0.7; 4.3	15.7 +- 1.4
19	172 5.0	19.5 +- 0.6; 2.9	14.7 +- 0.7; 4.1	16.3 +- 1.5
20	334 5.8	17.9 +- 0.5; 2.7	13.1 +- 0.6; 3.9	12.9 +- 1.4
21	345 5.5	18.1 +- 0.5; 2.7	13.4 +- 0.6; 4.0	13.6 +- 1.3
22	356 5.5	17.7 +- 0.5; 2.7	12.9 +- 0.6; 3.9	12.5 +- 1.5
23	8 3.9	17.0 +- 0.5; 2.6	12.3 +- 0.6; 3.9	12.1 +- 1.5
24	15 3.7	17.8 +- 0.5; 2.7	13.0 +- 0.6; 3.9	13.3 +- 1.3
25	27 1.9	17.2 +- 0.5; 2.6	12.5 +- 0.6; 3.9	12.3 +- 1.4
26	37 2.1	20.0 +- 0.6; 3.0	15.2 +- 0.7; 4.1	14.9 +- 1.6
27	60 2.9	20.0 +- 0.6; 3.0	15.2 +- 0.7; 4.1	15.1 +- 1.3
28	55 4.5	18.9 +- 0.6; 2.8	14.1 +- 0.6; 4.0	13.7 +- 1.6
29	69 1.6	17.6 +- 0.5; 2.6	12.8 +- 0.6; 3.9	13.2 +- 2.1
30	83 3.9	17.7 +- 0.5; 2.7	13.0 +- 0.6; 3.9	12.7 +- 1.4
31	93 2.7	21.0 +- 0.6; 3.1	16.1 +- 0.7; 4.2	15.4 +- 1.4
32	119 2.2	20.3 +- 0.6; 3.1	15.5 +- 0.7; 4.2	15.5 +- 1.5
33	106 5.3	17.7 +- 0.5; 2.7	12.9 +- 0.6; 3.9	14.8 +- 2.9
34	134 2.5	17.1 +- 0.5; 2.6	12.4 +- 0.6; 3.9	12.5 +- 1.4
35	145 4.7	17.4 +- 0.5; 2.6	12.7 +- 0.6; 3.9	13.0 +- 1.3
36	270 17.0	19.8 +- 0.6; 3.0	15.0 +- 0.7; 4.1	15.7 +- 2.5
37	270 17.0	18.7 +- 0.6; 2.8	13.9 +- 0.6; 4.0	16.8 +- 2.3
38	270 17.0	21.3 +- 0.6; 3.2	16.5 +- 0.7; 4.3	16.4 +- 1.6

Transit Dose = 4.3 +- 0.4; 3.1

TROJAN

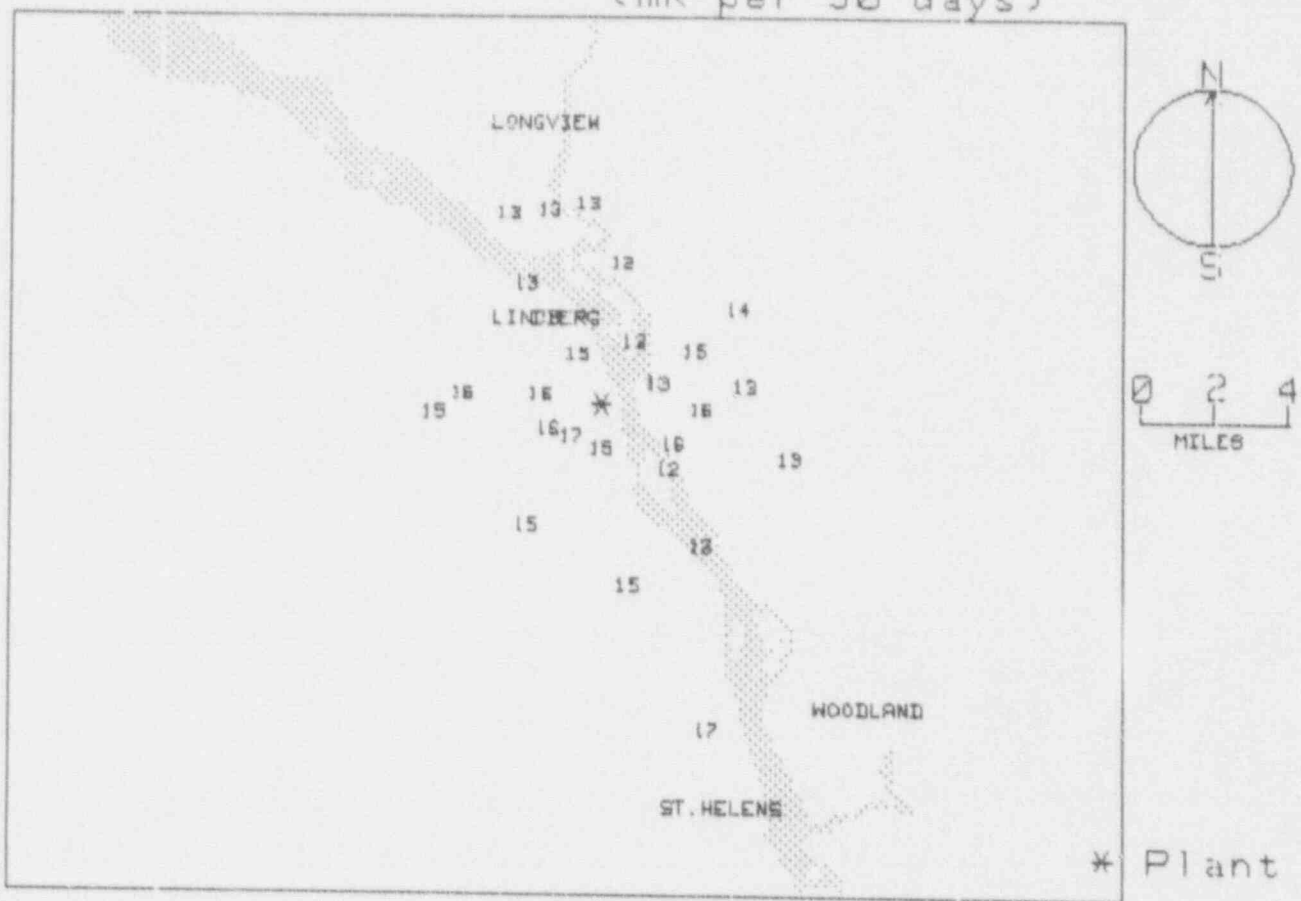
For the period 920309-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.6 +- 0.4	2
11.26 - 33.75 NNE	12.8 +- 0.3	2
33.76 - 56.25 NE	14.6 +- 0.7	2
56.26 - 78.75 ENE	14.0 +- 1.7	2
78.76 - 101.25 E	14.5 +- 2.2	2
101.26 - 123.75 ESE	14.2 +- 1.8	2
123.76 - 146.25 SE	12.5 +- 0.2	2
146.26 - 168.75 SSE	15.2 +- 2.1	2
168.76 - 191.25 S	14.9 +- 0.3	2
191.26 - 213.75 SSW	15.5 +- 0.5	2
213.76 - 236.25 SW	16.5 +- 0.0	1
236.26 - 258.75 WSW	16.0 +- 0.0	1
258.76 - 281.25 W	15.3 +- 0.8	4
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	13.3 +- 0.8	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.4 +- 1.4	12
2 - 5	14.2 +- 1.4	15
> 5	13.8 +- 1.6	5
Upwind Control	15.1 +- 1.3	3

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



TURKEY POINT

TLD Direct Radiation Environmental Monitoring

For the period 920311-920728 140 Days

Field Time: 93 Days

NRC Sta	Location		Gross	Net Exposure Rate	Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.	(mR/Std. Qtr.) +-Rdm; Tot.	Net Exp Rate +-1 Std Dev
1	310	1.3	14.6 +- 0.4; 2.2	10.7 +- 0.5; 3.6	12.0 +- 3.8
2	292	2.4	Missing Dosimeter	No Net Data	12.3 +- 3.9
3	340	1.9	15.7 +- 0.5; 2.4	11.8 +- 0.6; 3.7	12.4 +- 4.2
4	354	2.0	15.1 +- 0.5; 2.3	11.7 +- 0.5; 3.6	12.1 +- 4.2
5	314	3.8	15.0 +- 0.4; 2.2	11.1 +- 0.5; 3.6	12.0 +- 3.8
6	331	4.2	13.1 +- 0.4; 2.0	9.3 +- 0.5; 3.5	11.4 +- 3.7
7	291	5.4	14.1 +- 0.4; 2.1	10.3 +- 0.5; 3.5	12.4 +- 4.1
8	263	5.1	15.6 +- 0.5; 2.3	11.7 +- 0.6; 3.7	11.0 +- 3.3
9	242	5.7	13.3 +- 0.4; 2.0	9.5 +- 0.5; 3.5	11.9 +- 4.5
10	234	6.2	15.3 +- 0.5; 2.3	11.4 +- 0.6; 3.6	12.4 +- 4.2
11	220	6.2	13.3 +- 0.4; 2.0	9.5 +- 0.5; 3.5	12.1 +- 4.6
12	213	6.9	13.7 +- 0.4; 2.1	9.9 +- 0.5; 3.5	11.7 +- 3.9
13	199	10.0	14.5 +- 0.4; 2.2	10.7 +- 0.5; 3.6	12.4 +- 4.0
14	90	10.0	13.6 +- 0.4; 2.0	9.8 +- 0.5; 3.5	12.0 +- 4.0
15	180	10.0	15.8 +- 0.5; 2.4	11.9 +- 0.6; 3.7	14.1 +- 4.0
16	171	10.0	16.0 +- 0.5; 2.4	12.1 +- 0.6; 3.7	13.9 +- 4.2
17	165	9.0	16.1 +- 0.5; 2.4	12.1 +- 0.6; 3.7	13.4 +- 4.1
18	203	16.0	15.1 +- 0.5; 2.3	11.2 +- 0.5; 3.6	12.7 +- 3.9
19	203	16.0	15.3 +- 0.5; 2.3	11.4 +- 0.5; 3.6	12.8 +- 4.1
20	203	16.0	15.6 +- 0.5; 2.3	11.7 +- 0.6; 3.7	14.1 +- 3.6
21	268	8.7	12.5 +- 0.4; 1.9	8.7 +- 0.5; 3.4	11.2 +- 4.0
22	256	8.0	14.4 +- 0.4; 2.2	10.5 +- 0.5; 3.6	12.8 +- 4.0
23	275	9.0	13.9 +- 0.4; 2.1	10.1 +- 0.5; 3.5	12.1 +- 4.1
24	285	9.0	Missing Dosimeter	No Net Data	14.2 +- 4.1
25	293	8.7	16.6 +- 0.5; 2.5	12.7 +- 0.6; 3.8	14.6 +- 3.9
26	301	8.4	15.8 +- 0.5; 2.4	11.9 +- 0.6; 3.7	14.0 +- 3.8
27	311	8.3	15.1 +- 0.5; 2.3	11.2 +- 0.5; 3.6	12.7 +- 3.7
28	327	8.2	16.5 +- 0.5; 2.5	12.6 +- 0.6; 3.8	14.2 +- 3.9
29	339	9.3	15.8 +- 0.5; 2.4	11.9 +- 0.6; 3.7	13.7 +- 4.1
30	350	8.7	14.4 +- 0.4; 2.2	10.5 +- 0.5; 3.6	12.9 +- 3.9
31	359	9.9	16.6 +- 0.5; 2.5	12.7 +- 0.6; 3.8	13.2 +- 3.8
32	2	18.0	15.5 +- 0.5; 2.3	11.6 +- 0.6; 3.7	13.7 +- 4.0
33	2	22.0	17.1 +- 0.5; 2.6	13.2 +- 0.6; 3.8	13.6 +- 3.9
34	18	24.0	15.9 +- 0.5; 2.4	12.0 +- 0.6; 3.7	13.9 +- 4.3
35	28	22.0	14.5 +- 0.4; 2.2	10.6 +- 0.5; 3.6	13.6 +- 4.6
36	15	0.3	13.9 +- 0.4; 2.1	10.1 +- 0.5; 3.5	11.8 +- 3.9
37	228	0.5	16.4 +- 0.5; 2.5	12.4 +- 0.6; 3.7	13.5 +- 4.3

Transit Dose = 3.5 +- 0.3; 3.0

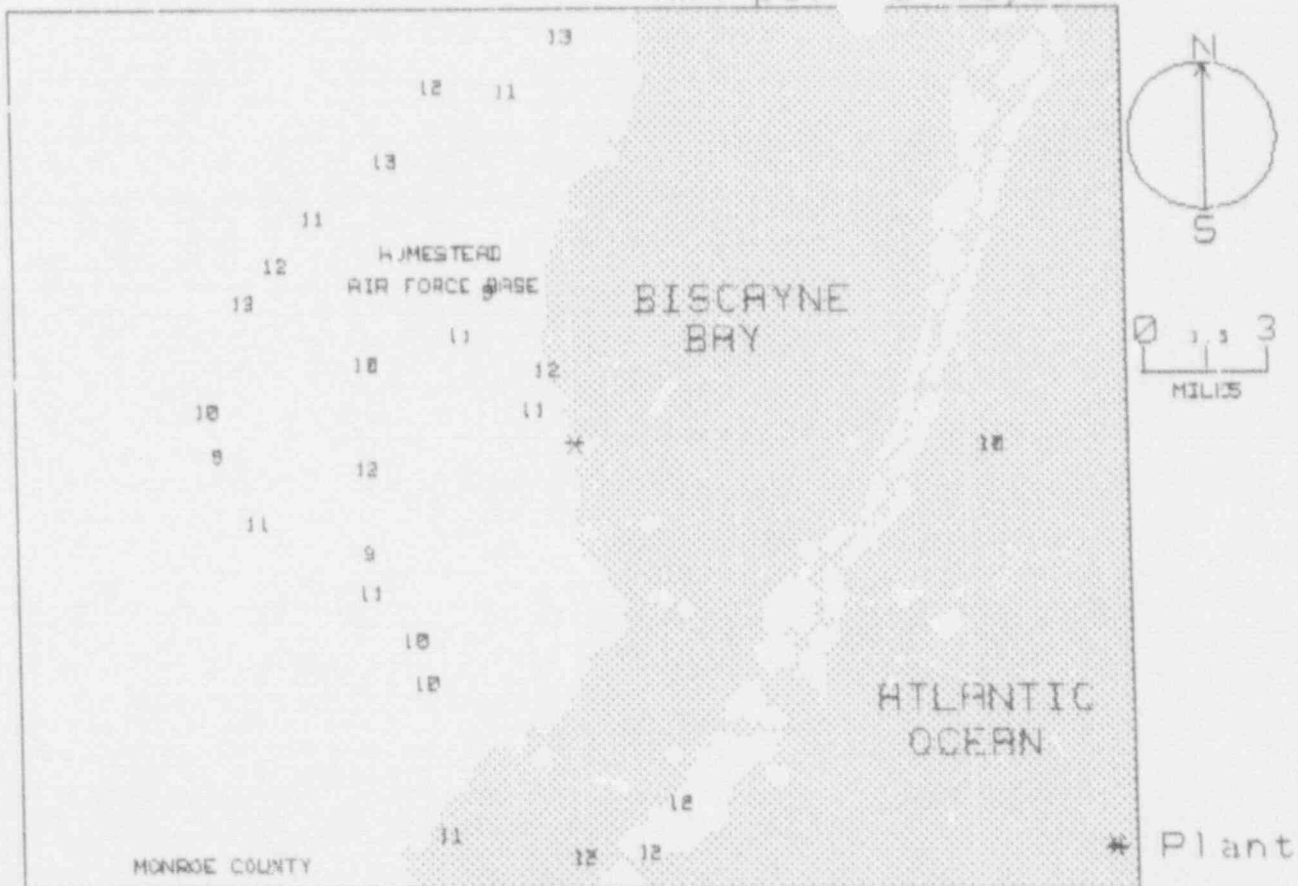
TURKEY POINT
For the period 920311-920728

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.8 +- 1.1	5
11.26 - 33.75 NNE	10.9 +- 1.0	3
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	9.8 +- 0.0	1
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	12.1 +- 0.0	1
168.76 - 191.25 S	12.0 +- 0.1	2
191.26 - 213.75 SSW	10.3 +- 0.5	2
213.76 - 236.25 SW	11.1 +- 1.5	3
236.26 - 258.75 WSW	10.0 +- 0.7	2
258.76 - 281.25 W	10.2 +- 1.5	3
281.26 - 303.75 WNW	11.6 +- 1.2	3
303.76 - 326.25 NW	11.0 +- 0.2	3
326.26 - 348.75 NNW	11.4 +- 1.4	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	11.2 +- 0.9	5
2 - 5	10.2 +- 1.2	2
> 5	11.2 +- 1.2	25
Upwind Control	11.4 +- 0.3	3

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



VERMONT YANKEE
 TLD Direct Radiation Environmental Monitoring
 For the period 920314-920723 132 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	142	1.0	20.6 +- 0.6; 3.1	16.2 +- 0.6; 4.0	16.1 +- 3.5
2	158	1.0	20.7 +- 0.6; 3.1	16.3 +- 0.6; 4.0	16.8 +- 1.9
3	184	1.3	Missing Dosimeter	No Net Data	16.4 +- 1.6
4	201	1.4	20.2 +- 0.6; 3.0	15.8 +- 0.6; 4.0	16.8 +- 1.9
5	220	1.6	21.9 +- 0.7; 3.3	17.4 +- 0.7; 4.1	16.9 +- 2.0
6	157	3.4	25.6 +- 0.8; 3.8	20.8 +- 0.8; 4.5	16.5 +- 2.2
7	189	4.9	20.8 +- 0.6; 3.1	16.3 +- 0.6; 4.0	16.7 +- 1.9
8	201	13.0	21.2 +- 0.6; 3.2	16.7 +- 0.7; 4.1	16.3 +- 1.7
9	208	5.8	20.3 +- 0.6; 3.1	15.9 +- 0.6; 4.0	16.4 +- 1.9
10	232	3.7	23.7 +- 0.7; 3.6	19.1 +- 0.7; 4.3	19.0 +- 2.1
11	277	2.9	22.8 +- 0.7; 3.4	18.2 +- 0.7; 4.2	17.5 +- 2.1
12	292	1.4	22.2 +- 0.7; 3.3	17.7 +- 0.7; 4.2	17.4 +- 2.2
13	314	1.4	21.1 +- 0.6; 3.2	16.6 +- 0.7; 4.1	16.6 +- 2.0
14	310	4.2	Missing Dosimeter	No Net Data	16.5 +- 1.5
15	299	4.3	21.3 +- 0.6; 3.2	16.8 +- 0.7; 4.1	16.1 +- 3.3
16	270	4.5	19.0 +- 0.6; 2.9	14.7 +- 0.6; 3.9	15.1 +- 1.9
17	331	5.0	21.5 +- 0.6; 3.2	17.0 +- 0.7; 4.1	17.3 +- 1.7
18	290	19.0	24.0 +- 0.7; 3.6	19.3 +- 0.7; 4.3	18.9 +- 1.9
19	290	19.0	21.5 +- 0.6; 3.2	17.0 +- 0.7; 4.1	18.7 +- 1.9
20	290	19.0	23.9 +- 0.7; 3.6	19.2 +- 0.7; 4.3	18.6 +- 1.9
21	359	3.2	21.5 +- 0.6; 3.2	17.0 +- 0.7; 4.1	17.0 +- 1.7
23	334	2.2	21.3 +- 0.6; 3.2	16.8 +- 0.7; 4.1	16.5 +- 1.8
24	4	0.9	21.4 +- 0.6; 3.2	16.9 +- 0.7; 4.1	17.0 +- 1.8
25	30	1.0	19.7 +- 0.6; 2.9	15.3 +- 0.6; 3.9	16.1 +- 1.9
26	72	1.5	22.4 +- 0.7; 3.4	17.8 +- 0.7; 4.2	17.5 +- 1.7
27	44	0.7	21.4 +- 0.6; 3.2	17.0 +- 0.7; 4.1	16.7 +- 1.9
28	39	2.8	22.9 +- 0.7; 3.4	18.0 +- 0.7; 4.2	18.4 +- 2.5
29	25	3.8	23.5 +- 0.7; 3.5	18.9 +- 0.7; 4.3	19.7 +- 2.2
30	72	2.7	22.8 +- 0.7; 3.4	18.2 +- 0.7; 4.2	19.2 +- 2.2
31	85	2.0	21.1 +- 0.6; 3.2	16.6 +- 0.7; 4.1	17.1 +- 2.0
32	111	1.8	21.0 +- 0.6; 3.1	16.5 +- 0.7; 4.0	16.8 +- 1.9
33	134	4.0	20.9 +- 0.6; 3.1	16.4 +- 0.7; 4.0	16.7 +- 1.8
34	151	6.0	18.6 +- 0.6; 2.8	14.4 +- 0.6; 3.8	14.9 +- 1.7
35	111	4.3	23.7 +- 0.7; 3.6	19.0 +- 0.7; 4.3	18.9 +- 1.9
36	92	4.7	23.9 +- 0.7; 3.6	19.2 +- 0.7; 4.3	19.3 +- 2.0
37	50	15.0	26.3 +- 0.8; 3.9	21.4 +- 0.8; 4.6	20.7 +- 1.5
39	222	0.3	22.1 +- 0.7; 3.3	17.6 +- 0.7; 4.2	18.5 +- 1.8
40	250	3.0	22.3 +- 0.7; 3.3	17.7 +- 0.7; 4.2	17.2 +- 1.9

Transit Dose = 3.0 +- 0.3; 3.1

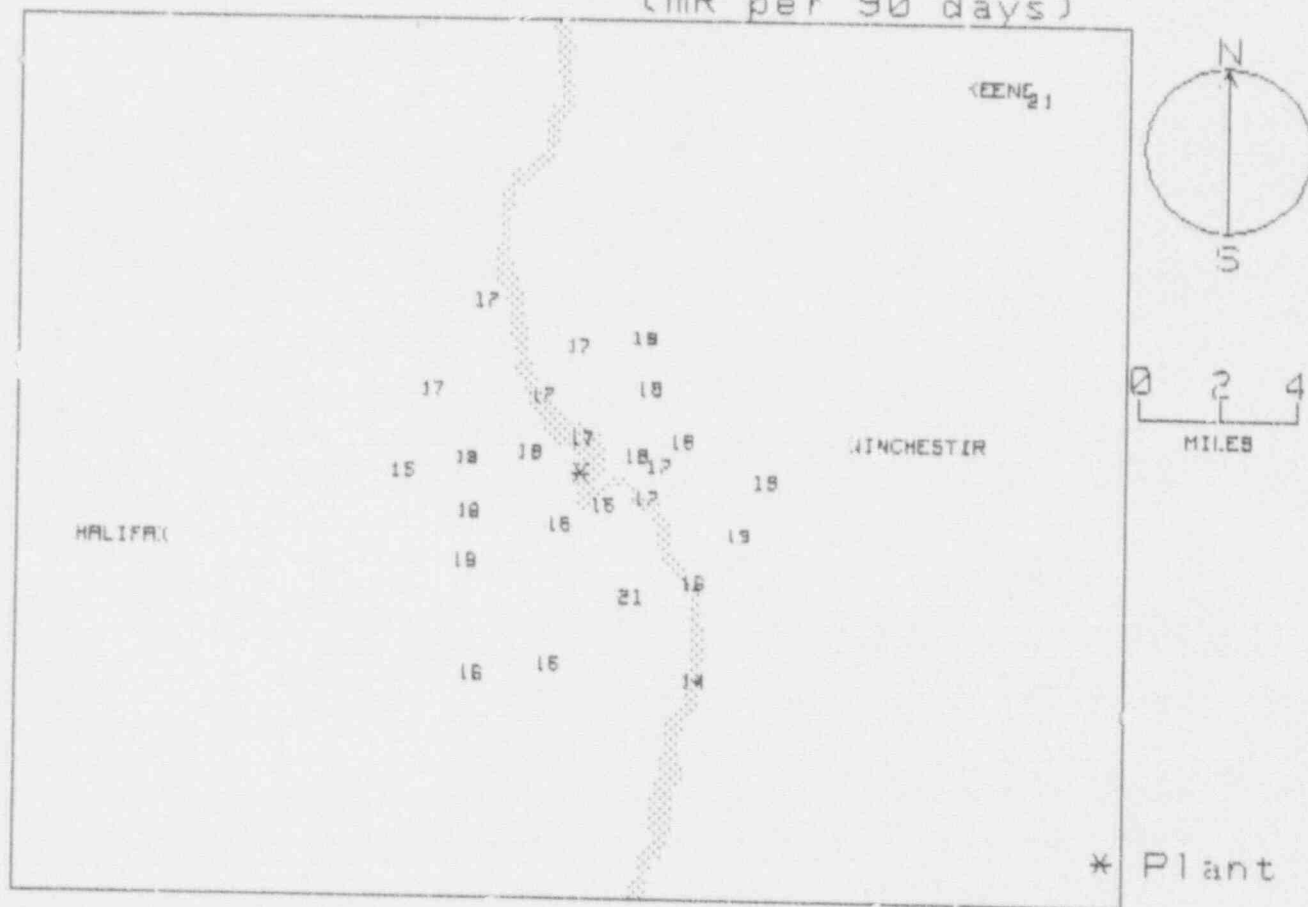
VERMONT YANKEE
For the period 920314-920723

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 +- 0.1	2
11.26 - 33.75 NNE	17.1 +- 2.5	2
33.76 - 56.25 NE	21.4 +- 0.0	1
56.26 - 78.75 ENE	18.2 +- 0.0	1
78.76 - 101.25 E	17.9 +- 1.8	2
101.26 - 123.75 ESE	17.8 +- 1.8	2
123.76 - 146.25 SE	16.3 +- 0.2	2
146.26 - 168.75 SSE	17.1 +- 3.3	3
168.76 - 191.25 S	16.3 +- 0.0	1
191.26 - 213.75 SSW	16.1 +- 0.5	3
213.76 - 236.25 SW	18.0 +- 0.9	3
236.26 - 258.75 WSW	17.7 +- 0.0	1
258.76 - 281.25 W	16.5 +- 2.4	2
281.26 - 303.75 WNW	16.0 +- 1.2	5
303.76 - 326.25 NW	16.6 +- 0.0	1
326.26 - 348.75 NNW	16.9 +- 0.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.6 +- 0.7	11
2 - 5	17.7 +- 1.5	15
> 5	17.7 +- 2.4	7
Upwind Control	17.7 +- 0.7	3

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



* Plant

VOGTLE (GA)
 TLD Direct Radiation Environmental Monitoring
 For the period 920311-920722 134 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	298	1.6	19.8 +- 0.6	3.0	12.3 +- 0.7	4.3	14.4 +- 1.9	
2	309	1.6	19.1 +- 0.6	2.9	11.6 +- 0.7	4.2	14.3 +- 2.1	
3	336	1.4	18.8 +- 0.6	2.8	11.3 +- 0.7	4.2	14.4 +- 2.8	
4	270	1.3	13.9 +- 0.6	2.8	11.4 +- 0.7	4.2	14.2 +- 2.2	
5	247	1.2	20.8 +- 0.6	3.1	13.2 +- 0.7	4.4	14.7 +- 1.9	
6	215	1.2	24.2 +- 0.7	3.6	16.5 +- 0.8	4.8	18.2 +- 2.1	
7	205	1.2	26.2 +- 0.8	3.9	18.4 +- 0.9	5.0	17.3 +- 1.8	
8	180	1.1	25.3 +- 0.8	3.8	17.6 +- 0.9	4.9	17.3 +- 1.8	
9	153	1.2	23.0 +- 0.7	3.5	15.4 +- 0.8	4.6	15.6 +- 2.2	
10	134	3.2	22.7 +- 0.7	3.4	15.0 +- 0.8	4.6	17.3 +- 1.9	
11	103	1.1	17.6 +- 0.5	2.6	10.1 +- 0.7	4.1	13.1 +- 3.2	
12	134	3.3	19.9 +- 0.6	3.0	12.4 +- 0.7	4.3	15.0 +- 2.1	
13	123	4.2	21.4 +- 0.6	3.2	13.8 +- 0.8	4.5	15.4 +- 1.8	
14	141	4.6	17.9 +- 0.5	2.7	10.4 +- 0.7	4.1	14.5 +- 3.7	
15	153	5.3	19.4 +- 0.6	2.9	11.8 +- 0.7	4.3	13.3 +- 1.8	
16	162	6.3	19.8 +- 0.6	3.0	12.3 +- 0.7	4.3	15.5 +- 2.4	
17	157	7.3	22.6 +- 0.7	3.4	14.9 +- 0.8	4.6	18.4 +- 2.5	
18	191	4.8	18.6 +- 0.6	2.8	11.1 +- 0.7	4.2	13.8 +- 1.9	
19	208	4.7	18.1 +- 0.5	2.7	10.6 +- 0.7	4.1	13.0 +- 2.1	
20	232	4.9	19.1 +- 0.6	2.9	11.6 +- 0.7	4.2	13.7 +- 2.2	
21	250	5.6	20.1 +- 0.6	3.0	12.6 +- 0.7	4.3	14.4 +- 2.1	
22	264	4.3	18.2 +- 0.5	2.7	10.7 +- 0.7	4.2	14.3 +- 2.0	
23	301	4.2	20.7 +- 0.6	3.1	13.2 +- 0.7	4.4	14.7 +- 2.1	
24	308	4.6	18.1 +- 0.5	2.7	10.6 +- 0.7	4.1	15.0 +- 2.7	
25	329	6.7	22.2 +- 0.7	3.3	14.5 +- 0.8	4.5	16.5 +- 3.3	
26	258	15.0	22.2 +- 0.7	3.3	14.6 +- 0.8	4.5	17.5 +- 2.4	
27	300	13.0	25.2 +- 0.8	3.8	17.5 +- 0.8	4.9	17.1 +- 1.6	
28	330	30.0	20.6 +- 0.6	3.1	13.0 +- 0.7	4.4	14.6 +- 2.3	

Transit Dose = 7.1 +- 0.4; 3.3

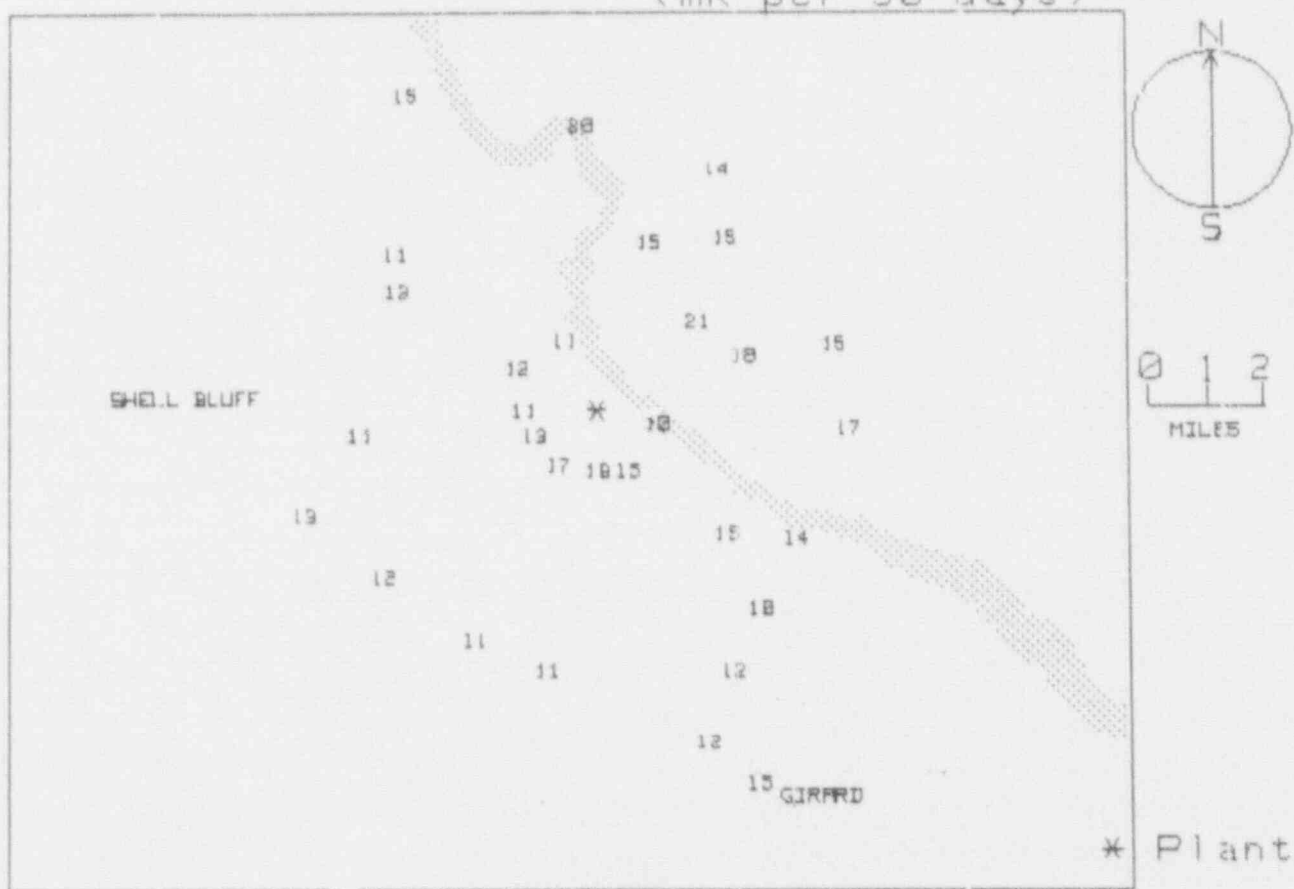
VOGTLE (GA)
 For the period 920311-920722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	12.0 +- 2.6	2
123.76 - 146.25 SE	12.6 +- 2.3	3
146.26 - 168.75 SSE	13.6 +- 1.8	4
168.76 - 191.25 S	14.3 +- 4.6	2
191.26 - 213.75 SSW	14.5 +- 5.5	2
213.76 - 236.25 SW	14.1 +- 3.5	2
236.26 - 258.75 WSW	12.9 +- 0.4	2
258.76 - 281.25 W	11.0 +- 0.5	2
281.26 - 303.75 WNW	12.7 +- 0.6	2
303.76 - 326.25 NW	11.1 +- 0.7	2
326.26 - 348.75 NNW	12.9 +- 2.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.8 +- 3.0	10
2 - 5	11.9 +- 1.6	10
> 5	13.2 +- 1.4	5
Upwind Control	15.0 +- 2.3	3

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



VOGTLE (SC)

TLD Direct Radiation Environmental Monitoring

For the period 920311-920722 134 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	
31	357	5.2	25.0	+- 0.7; 3.7	19.5	+- 0.8; 4.7	16.7	+- 4.0
32	26	4.9	19.5	+- 0.6; 2.9	14.3	+- 0.7; 4.1	12.0	+- 3.0
33	17	3.2	20.0	+- 0.6; 3.0	14.7	+- 0.7; 4.2	12.3	+- 2.8
34	36	3.9	20.5	+- 0.6; 3.1	15.2	+- 0.7; 4.2	13.7	+- 2.7
35	48	2.4	26.1	+- 0.8; 3.9	20.6	+- 0.8; 4.8	19.3	+- 3.2
36	69	2.0	23.2	+- 0.7; 3.5	17.8	+- 0.8; 4.5	14.1	+- 3.0
37	74	4.4	20.5	+- 0.6; 3.1	15.2	+- 0.7; 4.2	14.0	+- 4.9
38	94	4.5	22.5	+- 0.7; 3.4	17.2	+- 0.7; 4.4	13.2	+- 2.9

Transit Dose = 4.8 +- 0.4; 3.1

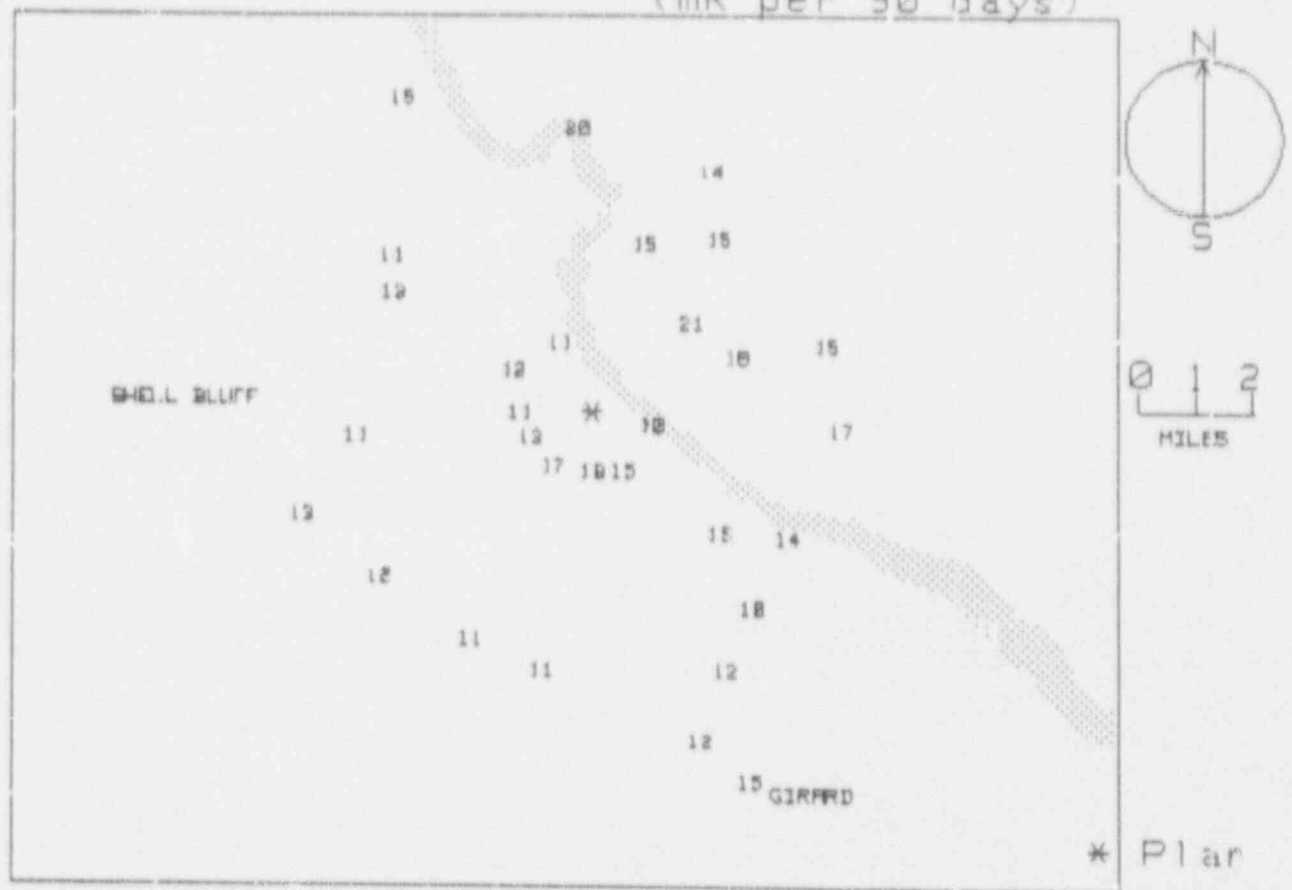
VOGTLE (SC)
For the period 920311-920722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.5 +- 0.0	1
11.26 - 33.75 NNE	14.5 +- 0.3	2
33.76 - 56.25 NE	17.9 +- 3.8	2
56.26 - 78.75 ENE	16.5 +- 1.8	2
78.76 - 101.25 E	17.2 +- 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	16.4 +- 2.2	7
> 5	19.5 +- 0.0	1
Upwind Control	No Data +- No Data	0

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



WASHINGTON NUCLEAR 2

TLD Direct Radiation Environmental Monitoring

For the period 920309-920722 136 Days

Field Time: 97 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	174	12.0	24.2	+ 0.7; 3.6	17.5	+ 0.8; 4.5	17.9	+ 1.1
2	163	11.0	23.8	+ 0.7; 3.6	17.1	+ 0.8; 4.5	17.5	+ 1.1
3	161	9.0	24.0	+ 0.7; 3.6	17.3	+ 0.8; 4.5	17.2	+ 1.1
4	152	5.0	25.2	+ 0.8; 3.8	18.4	+ 0.8; 4.6	18.6	+ 1.1
5	195	2.0	24.5	+ 0.7; 3.7	17.8	+ 0.8; 4.6	17.8	+ 1.0
6	220	1.5	24.2	+ 0.7; 3.6	17.5	+ 0.8; 4.5	17.8	+ 1.4
7	92	3.0	26.	+ 0.8; 3.9	19.4	+ 0.8; 4.7	19.1	+ 1.5
8	155	1.0	24.6	+ 0.7; 3.7	17.8	+ 0.8; 4.6	17.1	+ 1.5
9	130	0.5	25.4	+ 0.8; 3.8	18.6	+ 0.8; 4.6	18.1	+ 1.2
10	70	0.5	24.8	+ 0.7; 3.7	18.1	+ 0.8; 4.6	18.3	+ 1.5
11	25	0.8	24.8	+ 0.7; 3.7	18.0	+ 0.8; 4.6	18.2	+ 1.1
12	315	0.5	24.6	+ 0.7; 3.7	17.8	+ 0.8; 4.6	18.6	+ 1.5
13	290	0.5	27.6	+ 0.8; 4.1	20.6	+ 0.9; 4.9	21.9	+ 3.2
14	270	0.5	24.2	+ 0.7; 3.6	17.5	+ 0.8; 4.5	18.3	+ 1.3
15	245	1.8	25.4	+ 0.8; 3.8	18.7	+ 0.8; 4.7	18.4	+ 1.1
16	285	3.0	24.6	+ 0.7; 3.7	17.9	+ 0.8; 4.6	19.1	+ 1.4
17	240	4.0	23.4	+ 0.7; 3.5	16.7	+ 0.7; 4.4	17.2	+ 1.4
18	198	7.0	23.3	+ 0.7; 3.5	16.6	+ 0.7; 4.4	17.0	+ 1.5
19	173	8.5	24.9	+ 0.7; 3.7	18.1	+ 0.8; 4.6	18.2	+ 1.2
20	150	20.0	24.7	+ 0.7; 3.7	17.9	+ 0.8; 4.6	18.3	+ 1.1
21	114	7.0	25.4	+ 0.8; 3.8	18.6	+ 0.8; 4.7	18.9	+ 1.6
22	120	8.0	25.2	+ 0.8; 3.8	18.5	+ 0.8; 4.6	17.7	+ 1.1
23	134	6.0	26.9	+ 0.8; 4.0	20.0	+ 0.8; 4.8	20.0	+ 1.4
24	110	4.0	28.9	+ 0.9; 4.3	1.8	+ 0.9; 5.0	21.9	+ 1.4
25	85	5.0	25.2	+ 0.8; 3.8	18.5	+ 0.8; 4.6	18.6	+ 1.4
26	65	5.0	26.8	+ 0.8; 4.0	19.9	+ 0.8; 4.8	20.3	+ 1.6
27	53	4.0	25.2	+ 0.8; 3.8	18.4	+ 0.8; 4.6	17.7	+ 1.2
28	44	8.0	26.3	+ 0.8; 3.9	19.5	+ 0.8; 4.7	19.9	+ 1.7
29	33	10.0	23.8	+ 0.7; 3.6	17.1	+ 0.8; 4.5	18.2	+ 1.9
30	8	9.5	27.7	+ 0.8; 4.2	20.8	+ 0.9; 4.9	19.5	+ 1.6
31	215	15.0	25.0	+ 0.7; 3.7	18.2	+ 0.8; 4.6	17.4	+ 1.4

Transit Dose = 5.3 + 0.4; 3.3

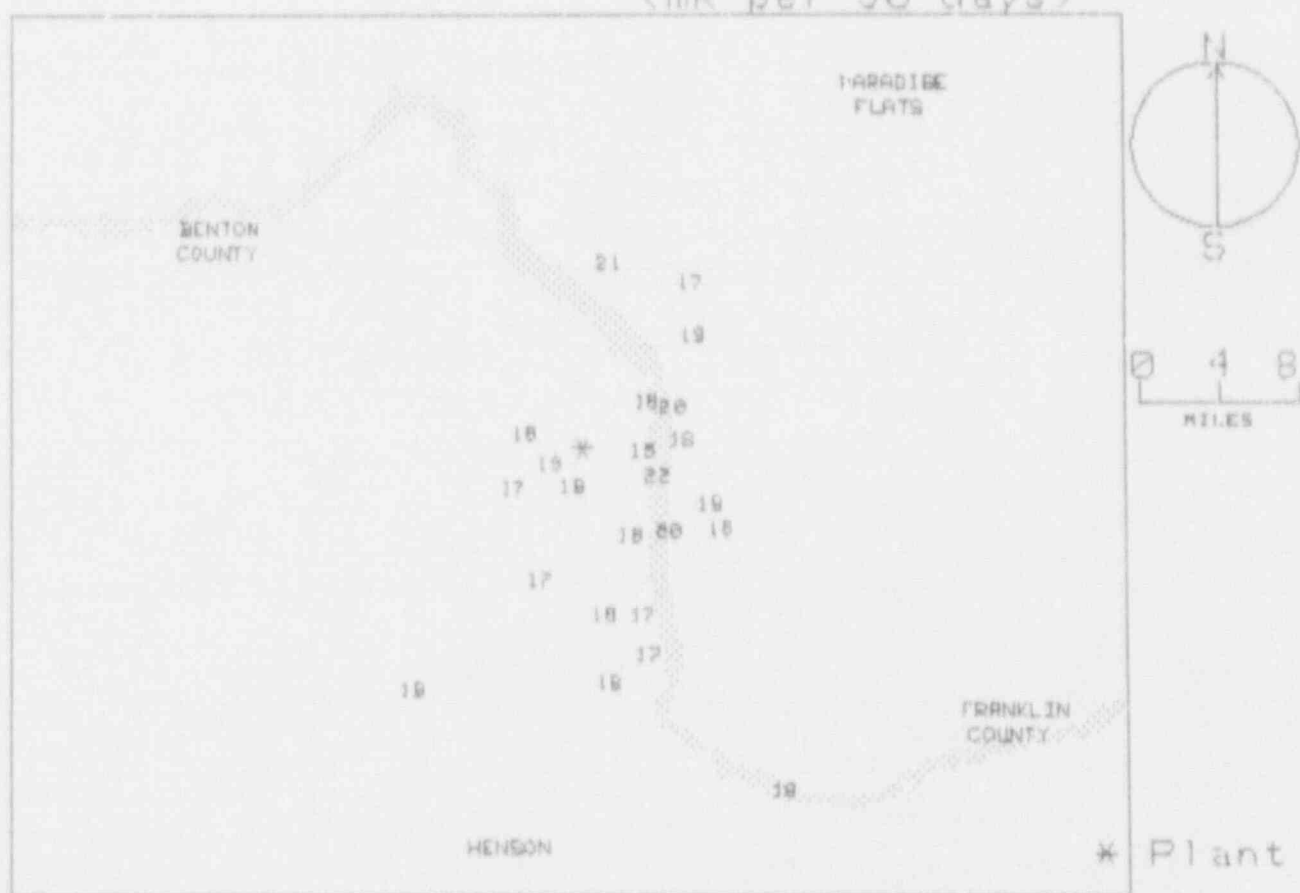
WASHINGTON NUCLEAR 2
For the period 920309-920722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.8 +- 0.0	1
11.26 - 33.75 NNE	17.6 +- 0.6	2
33.76 - 56.25 NE	18.9 +- 0.7	2
56.26 - 78.75 ENE	19.0 +- 1.3	2
78.76 - 101.25 E	18.9 +- 0.7	2
101.26 - 123.75 ESE	19.6 +- 1.9	3
123.76 - 146.25 SE	19.3 +- 1.0	2
146.26 - 168.75 SSE	17.7 +- 0.5	5
168.76 - 191.25 S	18.1 +- 0.0	1
191.26 - 213.75 SSW	17.2 +- 0.8	2
213.76 - 236.25 SW	17.5 +- 0.0	1
236.26 - 258.75 WSW	17.7 +- 1.4	2
258.76 - 281.25 W	17.5 +- 0.0	1
281.26 - 303.75 WNW	19.3 +- 1.9	2
303.76 - 326.25 NW	17.8 +- 0.0	1
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.2 +- 0.9	10
2 - 5	18.9 +- 1.5	8
> 5	18.3 +- 1.3	11
Upwind Control	17.9 +- 0.5	2

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



WATERFORD

TLD Direct Radiation Environmental Monitoring

For the period 920309-920723 137 Days

Field Title: 98 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Ctr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	101	0.4	18.6 +- 0.6; 2.8	14.5 +- 0.6; 3.8	16.1 +- 2.7
2	116	1.1	19.7 +- 0.6; 3.0	15.4 +- 0.6; 3.9	16.1 +- 2.8
3	132	1.3	23.1 +- 0.7; 3.5	18.6 +- 0.7; 4.3	17.9 +- 2.9
4	160	1.8	19.5 +- 0.6; 2.9	15.3 +- 0.6; 3.9	15.9 +- 2.7
5	183	1.4	20.2 +- 0.6; 3.0	15.9 +- 0.6; 4.0	15.3 +- 2.5
6	202	1.2	19.0 +- 0.6; 2.9	14.8 +- 0.6; 3.8	16.2 +- 3.0
7	226	1.2	19.2 +- 0.6; 2.9	15.0 +- 0.6; 3.9	15.5 +- 2.6
8	248	1.3	22.7 +- 0.7; 3.4	18.2 +- 0.7; 4.2	17.5 +- 2.6
9	265	1.9	16.5 +- 0.5; 2.5	12.5 +- 0.5; 3.6	15.4 +- 2.8
10	186	4.2	21.3 +- 0.6; 3.2	16.9 +- 0.7; 4.1	17.3 +- 2.7
11	315	4.4	20.2 +- 0.6; 3.0	16.0 +- 0.6; 4.0	16.8 +- 2.7
12	328	4.1	22.3 +- 0.7; 3.3	17.8 +- 0.7; 4.2	17.4 +- 2.8
13	309	0.8	19.9 +- 0.6; 3.0	15.6 +- 0.6; 3.9	15.4 +- 2.6
14	273	0.9	20.0 +- 0.6; 3.0	15.8 +- 0.6; 3.9	18.0 +- 3.3
15	292	0.8	15.8 +- 0.5; 2.4	11.9 +- 0.5; 3.6	14.6 +- 2.8
16	335	0.5	18.4 +- 0.6; 2.8	14.3 +- 0.6; 3.8	13.9 +- 2.5
17	120	4.3	18.4 +- 0.6; 2.8	14.2 +- 0.6; 3.8	13.8 +- 2.8
18	145	3.5	Missing Dosimeter	No Net Data	14.4 +- 1.7
19	153	8.1	Missing Dosimeter	No Net Data	16.4 +- 2.8
20	133	8.1	19.9 +- 0.6; 3.0	15.7 +- 0.6; 3.9	16.6 +- 2.8
21	116	6.7	19.4 +- 0.6; 2.9	15.1 +- 0.6; 3.9	15.1 +- 2.9
22	95	4.3	20.2 +- 0.6; 3.0	15.9 +- 0.6; 4.0	15.7 +- 2.7
23	86	2.6	19.7 +- 0.6; 2.9	15.4 +- 0.6; 3.9	15.5 +- 2.8
24	66	4.2	22.4 +- 0.7; 3.4	17.9 +- 0.7; 4.2	18.6 +- 2.9
25	37	3.5	21.0 +- 0.6; 3.1	16.6 +- 0.7; 4.0	17.0 +- 2.8
26	23	3.8	19.2 +- 0.6; 2.9	15.0 +- 0.6; 3.9	14.5 +- 2.9
27	350	4.9	19.9 +- 0.6; 3.0	15.6 +- 0.6; 3.9	15.6 +- 2.7
28	335	5.0	20.1 +- 0.6; 3.0	15.9 +- 0.6; 4.0	16.1 +- 2.7
29	6	2.8	17.9 +- 0.5; 2.7	13.8 +- 0.6; 3.8	14.5 +- 2.9
30	356	1.1	22.0 +- 0.7; 3.3	17.6 +- 0.7; 4.1	15.2 +- 3.0
31	15	0.8	18.3 +- 0.5; 2.7	14.2 +- 0.6; 3.8	16.9 +- 2.9
32	40	0.8	17.9 +- 0.5; 2.7	13.8 +- 0.6; 3.8	14.7 +- 3.1
33	69	1.1	16.7 +- 0.5; 2.5	12.7 +- 0.5; 3.6	16.3 +- 4.0
34	292	15.0	18.3 +- 0.6; 2.8	14.2 +- 0.6; 3.8	16.1 +- 3.1
35	282	27.0	21.2 +- 0.6; 3.2	16.8 +- 0.7; 4.1	18.0 +- 3.1
36	268	21.0	16.7 +- 0.5; 2.5	12.7 +- 0.6; 3.6	15.0 +- 3.0

Transit Dose = 2.9 +- 0.3; 3.1

WATERFORD

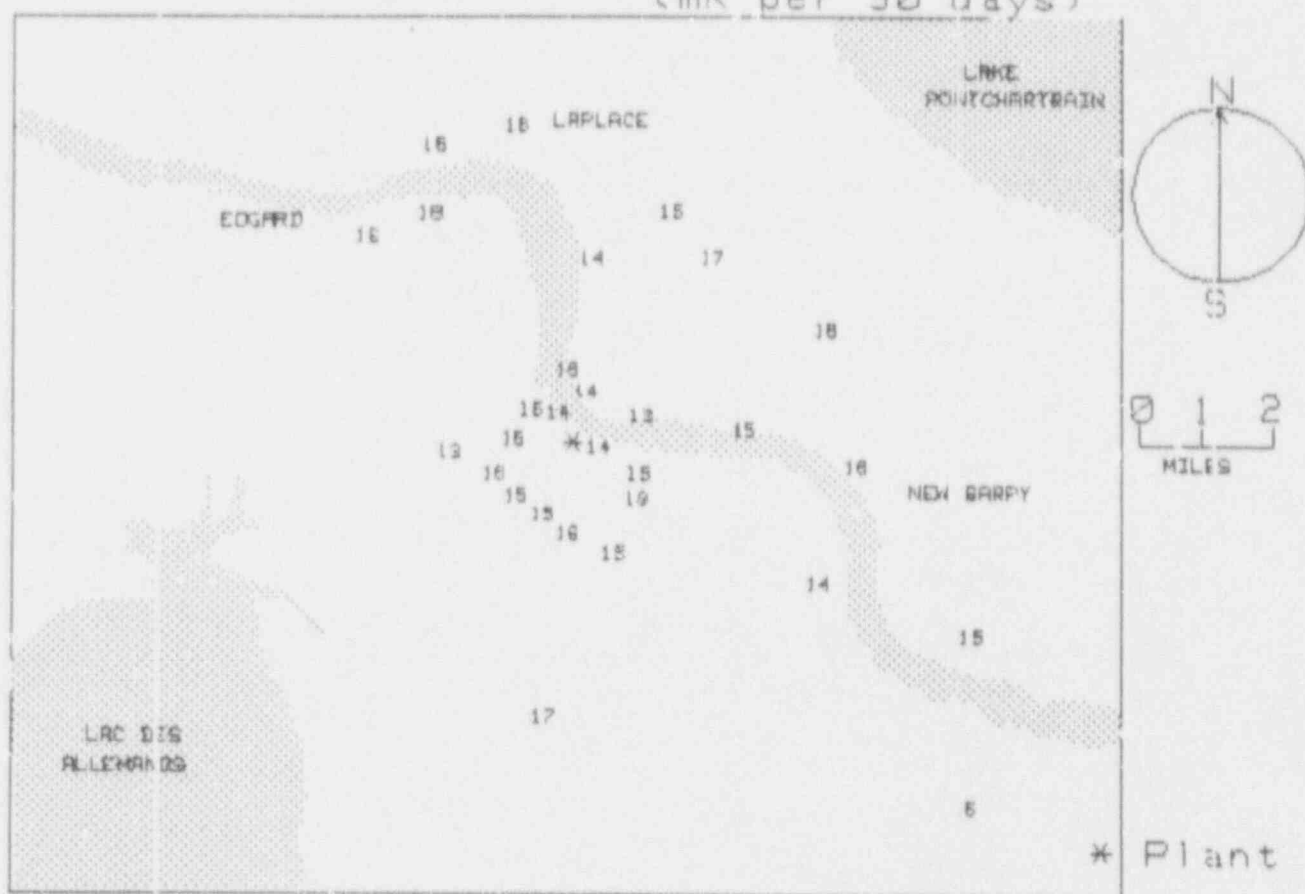
For the period 920309-920723

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 +- 1.9	3
11.26 - 23.75 NNE	14.6 +- 0.6	2
33.76 - 56.25 NE	15.2 +- 2.0	2
56.26 - 78.75 ENE	15.3 +- 3.7	2
78.76 - 101.25 E	15.3 +- 0.7	3
101.26 - 123.75 ESE	14.8 +- 0.6	3
123.76 - 146.25 SE	17.1 +- 2.0	2
146.26 - 168.75 SSE	15.3 +- 0.0	1
168.76 - 191.25 S	16.4 +- 0.7	2
191.26 - 213.75 SSW	14.8 +- 0.0	1
213.76 - 236.25 SW	15.0 +- 0.0	1
236.26 - 258.75 WSW	18.2 +- 0.0	1
258.76 - 281.25 W	14.1 +- 2.3	2
281.26 - 303.75 WNW	11.9 +- 0.0	1
303.76 - 326.25 NW	15.8 +- 0.3	2
326.26 - 348.75 NNW	16.0 +- 1.8	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.0 +- 1.9	17
2 - 5	15.9 +- 1.3	12
> 5	15.4 +- 0.4	2
Upwind Control	14.6 +- 2.1	3

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



WATT'S BAR
 TLD Direct Radiation Environmental Monitoring
 For the period 920311-920716 128 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	337	0.9	20.5	+-	0.6; 3.1	18.6	+-	0.7; 4.1	17.0	+-	2.5
2	314	2.1	21.5	+-	0.6; 3.2	19.6	+-	0.7; 4.2	17.2	+-	2.6
3	297	1.9	22.6	+-	0.7; 3.4	20.6	+-	0.7; 4.3	17.2	+-	2.7
4	272	2.0	21.2	+-	0.6; 3.2	19.3	+-	0.7; 4.1	16.5	+-	2.6
5	251	1.9	23.7	+-	0.7; 3.6	21.7	+-	0.7; 4.4	18.9	+-	2.5
6	235	1.8	23.3	+-	0.7; 3.5	21.4	+-	0.7; 4.4	20.7	+-	3.1
7	230	3.8	25.1	+-	0.8; 3.8	23.0	+-	0.8; 4.6	19.2	+-	2.8
8	208	3.6	23.2	+-	0.7; 3.5	21.2	+-	0.7; 4.4	17.8	+-	2.7
9	249	4.2	19.5	+-	0.6; 2.9	17.6	+-	0.6; 4.0	15.2	+-	2.5
10	266	3.1	21.3	+-	0.6; 3.2	19.3	+-	0.7; 4.1	16.5	+-	2.4
11	289	3.3	18.4	+-	0.6; 2.8	16.6	+-	0.6; 3.8	14.1	+-	2.4
12	310	4.7	18.9	+-	0.6; 2.8	17.0	+-	0.6; 3.9	14.6	+-	2.5
13	337	3.6	22.7	+-	0.7; 3.4	20.7	+-	0.7; 4.3	15.1	+-	2.5
14	330	7.0	20.7	+-	0.6; 3.1	18.8	+-	0.7; 4.1	15.1	+-	2.4
15	350	4.7	23.8	+-	0.7; 3.6	21.8	+-	0.7; 4.4	18.4	+-	2.8
16	7	1.1	24.6	+-	0.7; 3.7	22.6	+-	0.8; 4.5	19.7	+-	2.7
17	23	1.6	18.2	+-	0.5; 2.7	16.4	+-	0.6; 3.8	12.9	+-	2.2
18	41	2.3	21.3	+-	0.6; 3.2	19.4	+-	0.7; 4.2	15.9	+-	2.6
19	69	1.3	23.9	+-	0.7; 3.6	21.9	+-	0.8; 4.4	18.5	+-	2.2
20	89	1.2	21.2	+-	0.6; 3.2	19.2	+-	0.7; 4.1	20.6	+-	2.7
21	114	1.1	20.1	+-	0.6; 3.0	18.2	+-	0.6; 4.0	15.6	+-	2.4
22	141	1.0	21.6	+-	0.6; 3.2	19.6	+-	0.7; 4.2	19.1	+-	2.5
23	163	1.1	27.5	+-	0.8; 4.1	25.5	+-	0.9; 4.9	21.7	+-	2.6
24	187	1.1	25.2	+-	0.8; 3.8	23.2	+-	0.8; 4.6	17.8	+-	2.4
25	203	1.2	22.4	+-	0.7; 3.4	20.5	+-	0.7; 4.3	18.6	+-	2.7
26	184	5.9	23.2	+-	0.7; 3.5	21.3	+-	0.7; 4.4	17.4	+-	3.0
27	176	4.5	22.0	+-	0.7; 3.3	20.0	+-	0.7; 4.2	17.0	+-	2.5
28	161	3.5	21.6	+-	0.6; 3.2	19.7	+-	0.7; 4.2	15.9	+-	2.2
29	144	3.0	21.8	+-	0.7; 3.3	19.8	+-	0.7; 4.2	16.5	+-	2.6
30	117	3.1	20.4	+-	0.6; 3.1	18.5	+-	0.7; 4.1	15.6	+-	2.8
31	97	4.0	21.5	+-	0.6; 3.2	19.5	+-	0.7; 4.2	16.0	+-	2.6
32	76	4.1	18.7	+-	0.6; 2.8	16.8	+-	0.6; 3.9	13.4	+-	2.3
33	32	4.1	21.3	+-	0.6; 3.2	19.4	+-	0.7; 4.2	16.8	+-	2.5
34	36	4.7	17.7	+-	0.5; 2.7	15.9	+-	0.6; 3.8	13.7	+-	5
35	38	19.0	21.2	+-	0.6; 3.2	19.2	+-	0.7; 4.1	15.2	+-	4
36	38	19.0	19.5	+-	0.6; 2.9	17.6	+-	0.6; 4.0	16.3	+-	4.2
37	38	19.0	21.9	+-	0.7; 3.3	19.9	+-	0.7; 4.2	17.0	+-	2.5

Transit Dose = 1.5 +- 0.3; 2.8

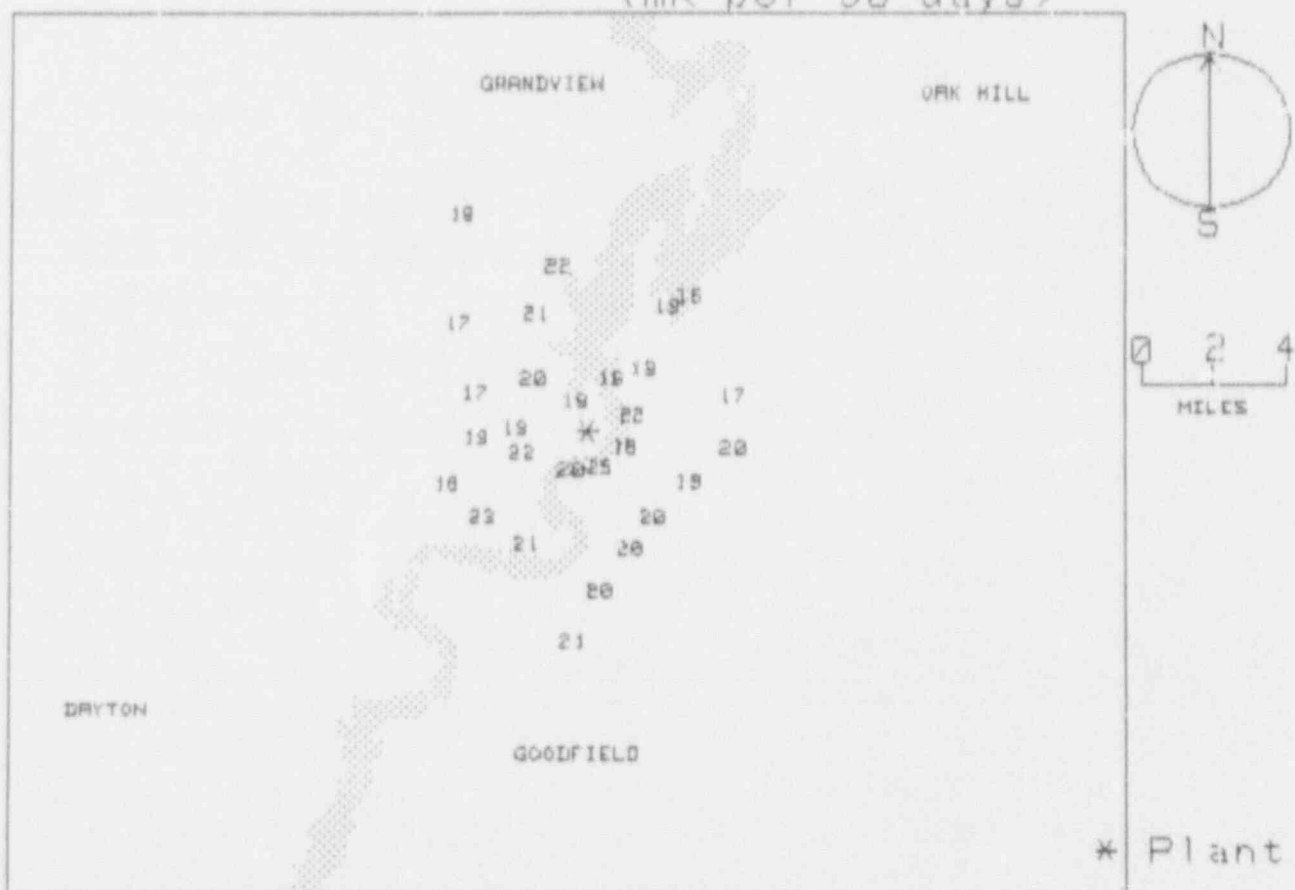
WATTS BAR
For the period 920311-920716

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	22.2 +- 0.6	2
11.26 - 33.75 NNE	17.9 +- 2.1	2
33.76 - 56.25 NE	17.6 +- 2.5	2
56.26 - 78.75 ENE	19.3 +- 3.6	2
78.76 - 101.25 E	19.4 +- 0.2	2
101.26 - 123.75 ESE	18.3 +- 0.2	2
123.76 - 146.25 SE	19.7 +- 0.1	2
146.26 - 168.75 SSE	22.6 +- 4.1	2
168.76 - 191.25 S	21.5 +- 1.6	3
191.26 - 213.75 SSW	20.9 +- 0.5	2
213.76 - 236.25 SW	22.2 +- 1.2	2
236.26 - 258.75 WSW	19.7 +- 2.9	2
258.76 - 281.25 W	19.3 +- 0.0	2
281.26 - 303.75 WNW	18.6 +- 2.8	2
303.76 - 326.25 NW	18.3 +- 1.8	2
326.26 - 348.75 NNW	19.4 +- 1.2	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.6 +- 2.3	14
2 - 5	19.2 +- 1.9	18
> 5	20.0 +- 1.7	2
Upwind Control	18.9 +- 1.2	3

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



WOLF CREEK

TLD Direct Radiation Environmental Monitoring

For the period 920309-920722 136 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	316	2.9	26.8	+ 0.8; 4.0	20.0	+ 0.9; 5.0	19.7	+ 2.0
2	330	1.8	25.4	+ 0.8; 3.8	18.7	+ 0.8; 4.8	18.5	+ 1.9
3	360	2.8	26.2	+ 0.8; 3.9	19.4	+ 0.9; 4.9	19.0	+ 2.0
4	355	1.6	25.3	+ 0.8; 3.8	18.6	+ 0.8; 4.8	19.7	+ 2.1
5	31	1.8	26.7	+ 0.8; 4.0	19.9	+ 0.9; 5.0	19.6	+ 2.3
6	47	2.0	22.0	+ 0.7; 3.3	15.4	+ 0.8; 4.5	17.6	+ 2.2
7	70	1.6	24.1	+ 0.7; 3.6	17.4	+ 0.8; 4.7	18.4	+ 2.1
8	90	1.7	28.3	+ 0.9; 4.3	21.7	+ 0.9; 5.2	20.1	+ 2.0
9	111	2.4	27.1	+ 0.8; 4.1	20.3	+ 0.9; 5.0	19.7	+ 2.0
10	137	2.5	25.5	+ 0.8; 3.8	18.8	+ 0.8; 4.8	19.2	+ 2.0
11	157	3.4	27.2	+ 0.8; 4.1	20.4	+ 0.9; 5.0	20.7	+ 2.0
12	184	3.3	27.5	+ 0.8; 4.1	20.7	+ 0.9; 5.1	20.1	+ 1.9
13	213	2.9	27.6	+ 0.8; 4.1	20.8	+ 0.9; 5.1	19.7	+ 2.1
14	233	2.4	27.7	+ 0.8; 4.2	20.9	+ 0.9; 5.1	19.9	+ 2.1
15	248	2.2	25.9	+ 0.8; 3.9	19.1	+ 0.9; 4.9	19.5	+ 1.9
16	278	2.1	26.0	+ 0.8; 3.9	19.3	+ 0.9; 4.9	19.8	+ 1.8
17	270	3.4	22.3	+ 0.7; 3.3	15.6	+ 0.8; 4.5	16.2	+ 1.8
18	263	4.2	29.3	+ 0.9; 4.4	22.4	+ 0.9; 5.3	21.5	+ 2.1
19	257	5.0	25.5	+ 0.8; 3.8	18.8	+ 0.8; 4.8	19.6	+ 2.2
20	280	3.9	24.9	+ 0.7; 3.7	18.2	+ 0.8; 4.8	18.4	+ 1.5
21	298	3.9	27.5	+ 0.8; 4.1	20.7	+ 0.9; 5.1	19.9	+ 1.8
22	319	4.8	24.1	+ 0.7; 3.6	17.4	+ 0.8; 4.7	18.2	+ 2.3
23	332	5.0	26.8	+ 0.8; 4.0	20.0	+ 0.9; 5.0	19.4	+ 1.8
24	19	3.9	26.5	+ 0.8; 4.0	19.7	+ 0.9; 4.9	19.6	+ 1.9
25	35	4.4	23.3	+ 0.7; 3.5	16.6	+ 0.8; 4.6	17.1	+ 1.8
26	67	4.3	24.5	+ 0.7; 3.7	17.8	+ 0.8; 4.7	18.5	+ 2.0
27	88	4.1	28.5	+ 0.9; 4.3	21.7	+ 0.9; 5.1	19.4	+ 2.1
28	110	4.5	26.9	+ 0.8; 4.0	20.1	+ 0.9; 5.0	19.8	+ 1.9
29	128	4.4	26.9	+ 0.8; 4.0	20.1	+ 0.9; 5.0	20.6	+ 2.1
30	112	16.0	22.0	+ 0.7; 3.3	15.4	+ 0.8; 4.5	17.7	+ 2.0
31	127	9.4	23.4	+ 0.7; 3.5	16.7	+ 0.8; 4.6	17.1	+ 2.0
32	62	11.0	22.8	+ 0.7; 3.4	16.1	+ 0.8; 4.5	17.8	+ 2.1
33	153	5.2	Missing Dosimeter		No Net Data		19.4	+ 1.9
34	174	4.7	27.5	+ 0.8; 4.1	20.7	+ 0.9; 5.1	20.3	+ 1.9
35	197	5.2	28.6	+ 0.9; 4.3	21.8	+ 0.9; 5.2	20.5	+ 2.1
36	224	4.8	25.5	+ 0.8; 3.8	18.8	+ 0.8; 4.8	18.2	+ 1.8
37	220	14.0	21.4	+ 0.6; 3.2	14.8	+ 0.7; 4.4	15.7	+ 1.7
38	253	6.5	28.3	+ 0.8; 4.2	21.5	+ 0.9; 5.2	19.9	+ 2.5
39	278	10.0	25.5	+ 0.8; 3.8	18.8	+ 0.8; 4.8	19.0	+ 2.2
40	285	15.0	24.0	+ 0.7; 3.6	17.3	+ 0.8; 4.7	16.9	+ 1.8
41	292	6.7	23.4	+ 0.7; 3.5	16.7	+ 0.8; 4.6	18.5	+ 2.1
42	45	13.0	27.9	+ 0.8; 4.2	21.1	+ 0.9; 5.1	20.4	+ 2.0
43	5	7.5	Missing Dosimeter		No Net Data		19.8	+ 1.9
44	20	8.3	26.4	+ 0.8; 4.0	19.6	+ 0.9; 4.9	20.0	+ 1.8
45	315	7.5	28.8	+ 0.9; 4.3	21.9	+ 0.9; 5.2	21.0	+ 2.0
46	341	7.7	28.1	+ 0.8; 4.2	21.3	+ 0.9; 5.1	20.1	+ 1.4
47	355	1.0	25.5	+ 0.8; 3.8	18.8	+ 0.8; 4.8	18.3	+ 1.4

Transit Dose = 6.1 +- 0.4; 3.2

WOLF CREEK

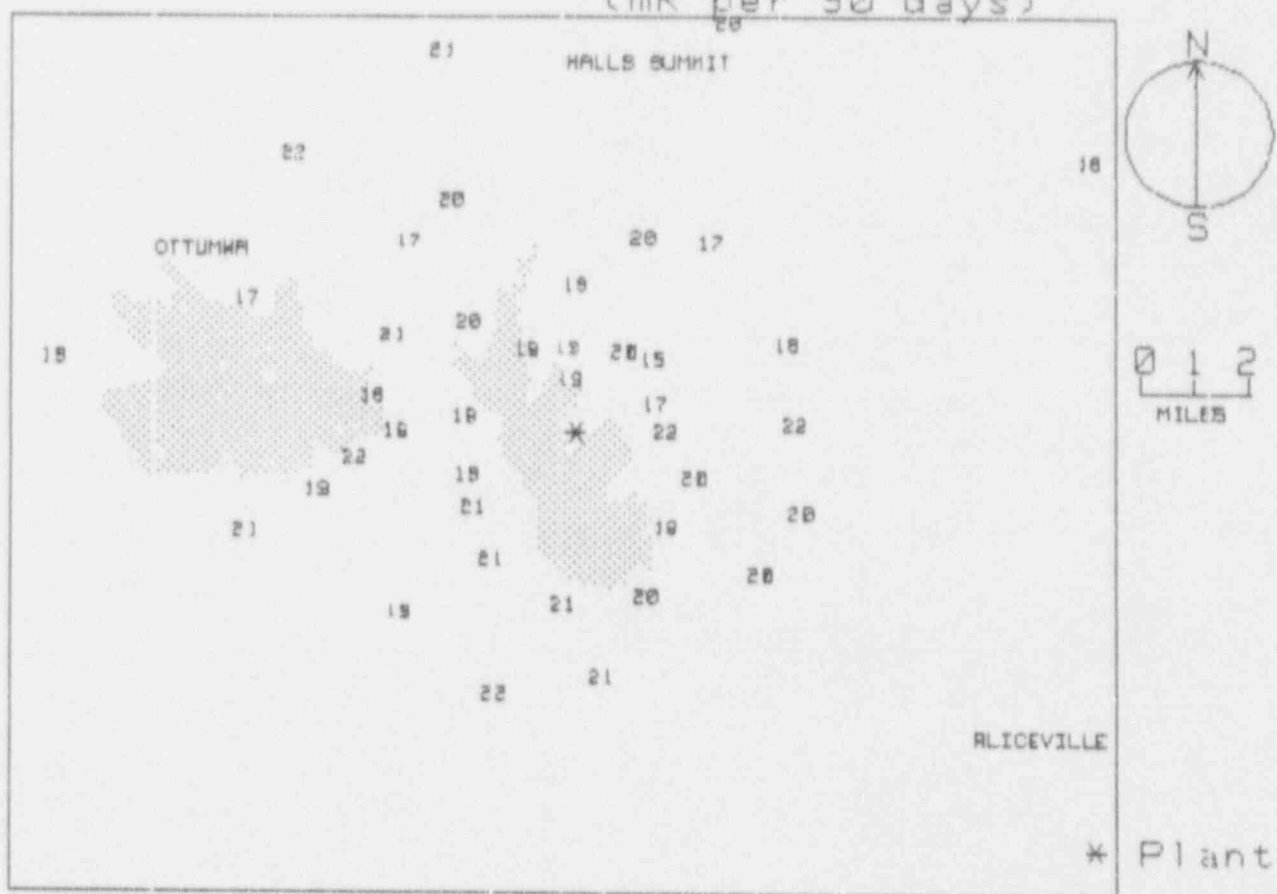
For the period 920309-920722

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.9 +- 0.4	3
11.26 - 33.75 NNE	19.8 +- 0.1	3
33.76 - 56.25 NE	17.7 +- 3.0	3
56.26 - 78.75 ENE	17.1 +- 0.9	3
78.76 - 101.25 E	21.7 +- 0.0	2
101.26 - 123.75 ESE	18.6 +- 2.8	3
123.76 - 146.25 SE	18.5 +- 1.7	3
146.26 - 168.75 SSE	20.4 +- 0.0	1
168.75 - 191.25 S	20.7 +- 0.0	2
191.26 - 213.75 SSW	21.3 +- 0.7	2
213.76 - 236.25 SW	18.2 +- 3.1	3
236.26 - 258.75 WSW	19.8 +- 1.5	3
258.76 - 281.25 W	18.9 +- 2.4	5
281.26 - 303.75 WNW	18.3 +- 2.2	3
303.76 - 326.25 NW	19.8 +- 2.3	3
326.26 - 348.75 NNW	20.0 +- 1.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.6 +- 1.9	7
2 - 5	19.5 +- 1.6	25
> 5	18.7 +- 2.6	13
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

YANKEE ROWE - Second Quarter TLDs Not Collected At Time of Report

YANKEE ROWE
TLD Direct Radiation Environmental Monitoring

YANKEE ROWE - Second Quarter TLDs Not Collected At Time of Report

YANKEE ROWE
TLD Direct Radiation Environmental Monitoring

YANKEE ROWE - Second Quarter TLDs Not Collected At Time of Report

ZION

TLD Direct Radiation Environmental Monitoring

For the period 920310-920721 134 Days

Field Time: 94 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	310	0.8	19.1	+-	0.6; 2.9	14.5	+-	0.6; 4.0	15.7	+- 1.8
2	192	1.0	16.2	+-	0.5; 2.4	11.7	+-	0.6; 3.7	12.9	+- 2.1
3	187	1.9	16.8	+-	0.5; 2.5	12.2	+-	0.6; 3.8	14.0	+- 2.1
4	219	2.4	20.8	+-	0.6; 3.1	16.1	+-	0.7; 4.2	16.9	+- 2.0
5	257	1.8	20.3	+-	0.6; 3.0	15.6	+-	0.7; 4.1	17.2	+- 2.4
6	250	1.2	19.2	+-	0.6; 2.9	14.6	+-	0.6; 4.0	15.9	+- 2.0
7	293	1.6	20.9	+-	0.6; 3.1	16.2	+-	0.7; 4.2	16.8	+- 1.9
8	310	1.8	17.8	+-	0.5; 2.7	13.2	+-	0.6; 3.9	14.7	+- 2.1
9	343	2.6	17.8	+-	0.5; 2.7	13.2	+-	0.6; 3.9	15.3	+- 2.0
10	356	4.5	18.8	+-	0.6; 2.8	14.2	+-	0.6; 4.0	14.4	+- 2.1
11	337	4.5	20.8	+-	0.6; 3.1	16.1	+-	0.7; 4.2	16.6	+- 2.6
12	310	4.0	22.9	+-	0.7; 3.4	18.1	+-	0.7; 4.4	18.8	+- 2.2
13	253	3.5	23.7	+-	0.7; 3.6	18.9	+-	0.8; 4.5	19.1	+- 2.2
14	280	4.5	22.2	+-	0.7; 3.3	17.4	+-	0.7; 4.3	18.6	+- 2.1
15	232	3.2	21.8	+-	0.7; 3.3	17.0	+-	0.7; 4.3	17.6	+- 2.3
16	220	3.5	22.4	+-	0.7; 3.4	17.6	+-	0.7; 4.4	17.8	+- 2.0
17	198	4.5	20.2	+-	0.6; 3.0	15.5	+-	0.7; 4.1	15.6	+- 2.0
18	206	2.8	18.5	+-	0.6; 2.8	13.9	+-	0.6; 3.9	15.2	+- 2.1
19	327	1.7	Missing Dosimeter			No Net Data			15.3	+- 2.3
20	197	15.0	24.0	+-	0.7; 3.6	19.2	+-	0.8; 4.5	18.8	+- 2.4
21	352	7.9	20.4	+-	0.6; 3.1	15.7	+-	0.7; 4.1	14.7	+- 2.4
22	348	9.3	18.5	+-	0.6; 2.8	13.9	+-	0.6; 4.0	15.2	+- 2.4
23	336	8.5	22.9	+-	0.7; 3.4	18.1	+-	0.7; 4.4	17.3	+- 2.9
24	314	5.8	22.2	+-	0.7; 3.3	17.4	+-	0.7; 4.3	17.2	+- 1.5
25	220	6.3	20.7	+-	0.6; 3.1	16.0	+-	0.7; 4.2	16.2	+- 2.2
26	195	8.0	18.9	+-	0.6; 2.8	14.2	+-	0.6; 4.0	15.2	+- 2.0
28	197	15.0	22.8	+-	0.7; 3.4	18.0	+-	0.7; 4.4	18.8	+- 2.0
30	320	9.8	22.1	+-	0.7; 3.3	17.3	+-	0.7; 4.3	17.8	+- 1.9
31	229	8.0	20.1	+-	0.6; 3.0	15.4	+-	0.7; 4.1	16.5	+- 2.0
32	193	15.0	22.4	+-	0.7; 3.4	17.6	+-	0.7; 4.3	19.2	+- 1.8

Transit Dose = 4.0 +- 0.4; 3.1

ZION

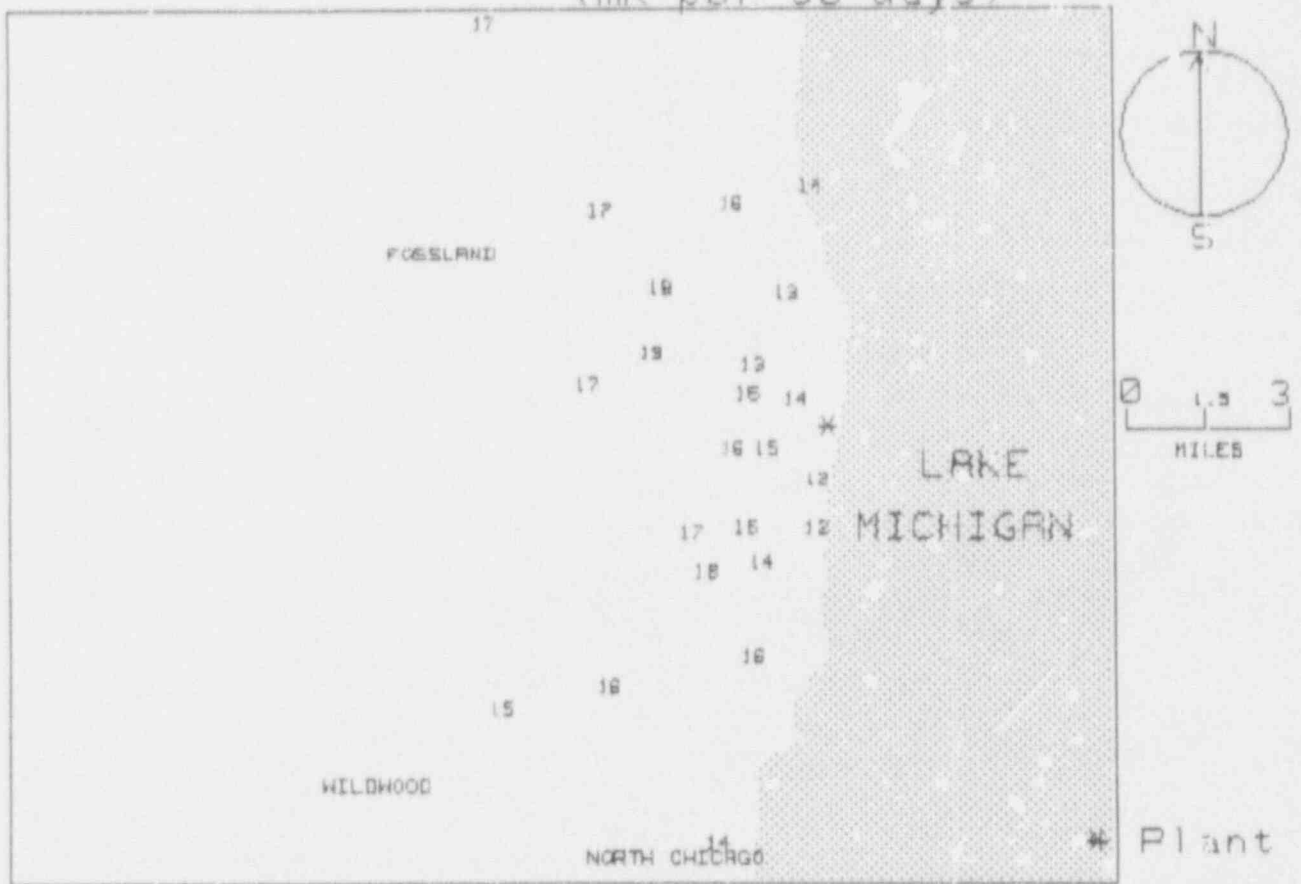
For the period 920310-920721

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 +- 1.1	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	12.2 +- 0.0	1
191.26 - 213.75 SSW	13.8 +- 1.6	4
213.76 - 236.25 SW	16.4 +- 0.9	5
236.26 - 258.75 WSW	15.1 +- 0.7	2
258.76 - 281.25 W	17.4 +- 0.0	1
281.26 - 303.75 WNW	17.5 +- 1.9	2
303.76 - 326.25 NW	16.1 +- 2.1	5
326.26 - 348.75 NNW	15.3 +- 2.2	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.0 +- 1.7	7
2 - 5	16.2 +- 1.8	11
> 5	16.0 +- 1.5	8
Upwind Control	18.3 +- 0.8	3

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



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11. ABSTRACT <i>(200 words or less)</i> This report provides the status and results of the NRC Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network. It presents the radiation levels measured in the vicinity of NRC licensed facilities throughout the country for the second quarter of 1992.		
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