
NRC TLD Direct Radiation Monitoring Network

Progress Report
January-March 1993

U.S. Nuclear Regulatory Commission

NRC Region I

R. Struckmeyer, N. McNamara



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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 first quarter of 1993. A complete listing of the site facilities monitored is included. In some instances, two power reactor facilities are monitored by the same set of dosimeters (e.g., Kewaunee and Point Beach).

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

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

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

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

$$X \pm S_x; U_x$$

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

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

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

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

Sites Monitored During the First Quarter 1993

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

ARKANSAS

TLD Direct Radiation Environmental Monitoring

For the period 921206-930421 137 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	4	0.4	23.4	+- 0.7; 3.5	17.5	+- 0.8; 4.6	17.8	+- 1.9
2	353	4.1	23.2	+- 0.7; 3.5	17.2	+- 0.8; 4.6	17.7	+- 2.0
3	32	1.3	23.7	+- 0.7; 3.5	17.7	+- 0.8; 4.6	18.5	+- 2.1
4	13	3.3	23.7	+- 0.7; 3.5	17.7	+- 0.8; 4.6	16.9	+- 1.9
5	53	1.5	23.4	+- 0.7; 3.5	17.5	+- 0.8; 4.6	17.8	+- 2.0
6	37	3.6	21.8	+- 0.7; 3.3	15.9	+- 0.7; 4.4	16.9	+- 1.7
7	78	2.5	25.0	+- 0.8; 3.8	19.0	+- 0.8; 4.8	19.2	+- 2.3
8	60	3.2	26.0	+- 0.8; 3.9	20.0	+- 0.9; 4.9	20.3	+- 2.8
9	92	0.5	25.4	+- 0.8; 3.8	19.4	+- 0.8; 4.8	19.3	+- 2.4
10	83	5.5	23.6	+- 0.7; 3.5	17.6	+- 0.8; 4.6	17.9	+- 2.0
11	122	2.1	23.1	+- 0.7; 3.5	17.2	+- 0.8; 4.6	16.5	+- 1.9
12	109	6.8	24.6	+- 0.7; 3.7	18.6	+- 0.8; 4.7	18.4	+- 2.0
13	138	2.6	21.2	+- 0.6; 3.2	15.2	+- 0.7; 4.4	15.1	+- 1.8
14	130	4.9	22.3	+- 0.7; 3.3	16.3	+- 0.8; 4.5	16.1	+- 2.0
16	167	4.4	23.2	+- 0.7; 3.5	17.2	+- 0.8; 4.6	17.9	+- 1.8
17	171	0.4	23.6	+- 0.7; 3.5	17.6	+- 0.8; 4.6	17.3	+- 2.0
18	189	3.2	23.7	+- 0.7; 3.6	17.7	+- 0.8; 4.6	17.7	+- 1.9
19	205	2.9	22.7	+- 0.7; 3.4	16.7	+- 0.8; 4.5	16.9	+- 2.1
20	195	5.8	21.8	+- 0.7; 3.3	15.8	+- 0.7; 4.4	16.4	+- 2.3
21	235	0.5	25.9	+- 0.8; 3.9	19.9	+- 0.9; 4.9	19.7	+- 2.1
22	230	3.6	Missing Dosimeter		No Net Data		14.4	+- 1.7
23	257	2.8	22.0	+- 0.7; 3.3	16.1	+- 0.8; 4.5	16.2	+- 1.8
24	243	4.5	22.3	+- 0.7; 3.3	16.4	+- 0.8; 4.5	17.1	+- 1.8
25	279	1.2	25.8	+- 0.8; 3.9	19.8	+- 0.9; 4.9	20.5	+- 2.2
26	263	4.3	24.2	+- 0.7; 3.6	18.2	+- 0.8; 4.7	17.7	+- 2.0
27	298	0.4	25.6	+- 0.8; 3.8	19.6	+- 0.8; 4.9	18.9	+- 2.0
28	293	5.8	22.9	+- 0.7; 3.4	16.9	+- 0.8; 4.6	17.2	+- 2.2
29	326	1.9	Missing Dosimeter		No Net Data		18.1	+- 2.0
30	308	4.8	24.0	+- 0.7; 3.6	18.0	+- 0.8; 4.7	18.0	+- 2.1
31	345	1.3	25.1	+- 0.8; 3.8	19.1	+- 0.8; 4.8	18.7	+- 2.2
32	335	4.2	21.7	+- 0.7; 3.3	15.8	+- 0.7; 4.4	16.0	+- 2.0
33	110	0.8	24.9	+- 0.7; 3.7	18.9	+- 0.8; 4.8	18.8	+- 2.2
39	112	6.0	24.6	+- 0.7; 3.7	18.6	+- 0.8; 4.7	18.6	+- 2.1
40	147	8.0	24.5	+- 0.7; 3.7	18.5	+- 0.8; 4.7	18.8	+- 2.0
41	106	17.0	24.0	+- 0.7; 3.6	18.0	+- 0.8; 4.7	18.1	+- 1.6
42	310	17.0	22.6	+- 0.7; 3.4	16.7	+- 0.8; 4.5	16.2	+- 2.0
43	105	5.2	24.7	+- 0.7; 3.7	18.7	+- 0.8; 4.8	18.6	+- 2.1
44	315	13.0	24.6	+- 0.7; 3.7	18.6	+- 0.8; 4.7	17.9	+- 2.2
45	47	8.9	22.2	+- 0.7; 3.3	16.2	+- 0.8; 4.5	15.8	+- 2.2
46	115	8.3	25.5	+- 0.8; 3.8	19.4	+- 0.8; 4.8	18.4	+- 2.2
47	208	20.0	23.3	+- 0.7; 3.5	17.4	+- 0.8; 4.6	18.8	+- 2.6
48	179	19.0	23.5	+- 0.7; 3.5	17.5	+- 0.8; 4.6	18.4	+- 2.3
49	150	22.0	25.8	+- 0.8; 3.9	19.8	+- 0.8; 4.9	20.0	+- 2.0

Transit Dose = 5.6 +- 0.4; 3.1

ARKANSAS

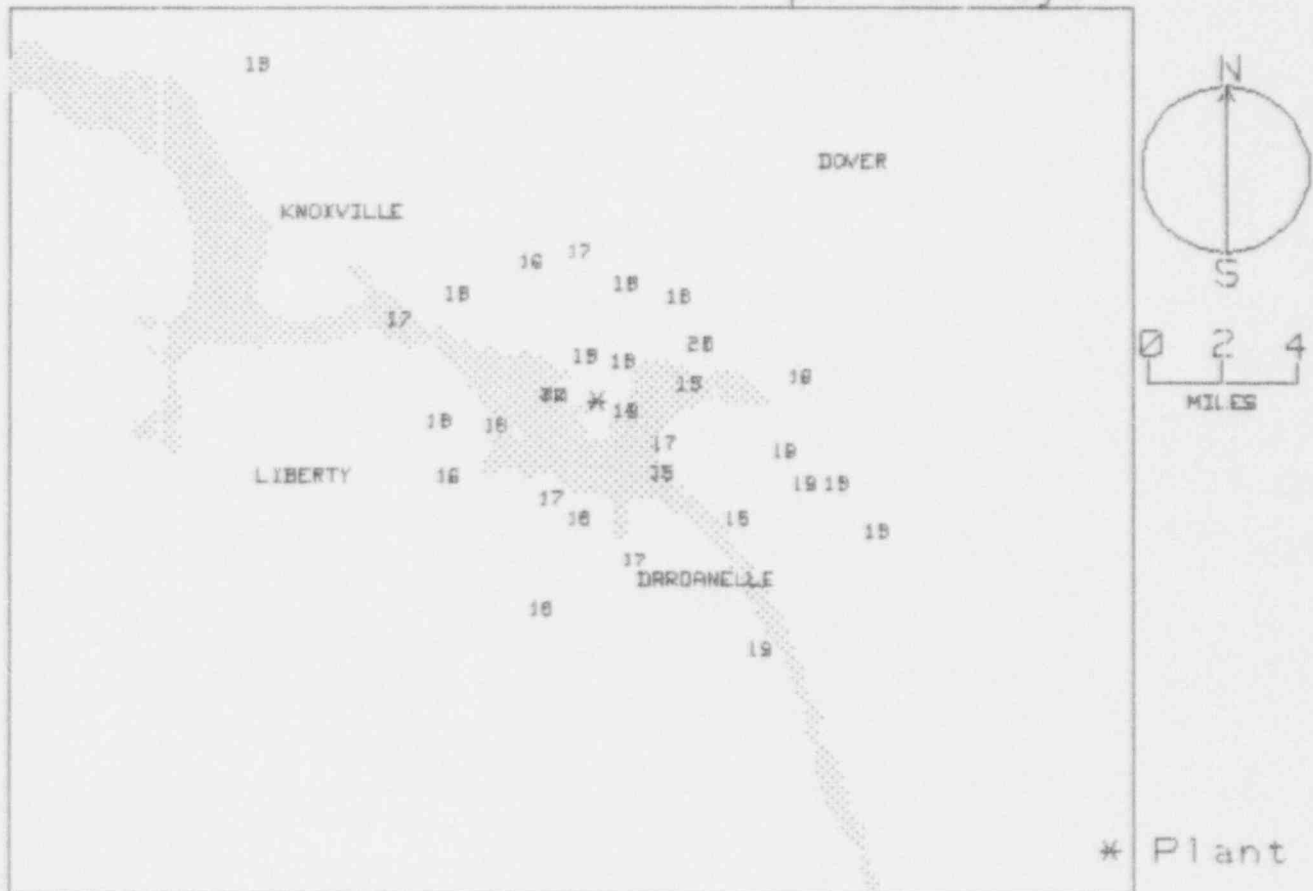
For the period 921206-930421

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 +- 0.2	2
11.26 - 33.75 NNE	17.7 +- 0.0	2
33.76 - 56.25 NE	16.5 +- 0.8	3
56.26 - 78.75 ENE	19.5 +- 0.7	2
78.76 - 101.25 E	18.5 +- 1.2	2
101.26 - 123.75 ESE	18.5 +- 0.7	7
123.76 - 146.25 SE	15.8 +- 0.8	2
146.26 - 168.75 SSE	17.9 +- 0.9	2
168.76 - 191.25 S	17.6 +- 0.1	2
191.26 - 213.75 SSW	16.3 +- 0.6	2
213.76 - 236.25 SW	19.9 +- 0.0	1
236.26 - 258.75 WSW	16.2 +- 0.2	2
258.76 - 281.25 W	19.0 +- 1.1	2
281.26 - 303.75 WNW	18.3 +- 1.9	2
303.76 - 326.25 NW	17.8 +- 1.0	3
326.26 - 348.75 NNW	17.4 +- 2.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.7 +- 1.0	10
2 - 5	17.2 +- 1.3	16
> 5	17.6 +- 1.1	12
Upwind Control	18.2 +- 1.3	3

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



BEAVER VALLEY

TLD Direct Radiation Environmental Monitoring

For the period 921209-930429 142 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	340 15.8	24.4 +- 0.7; 3.7	16.2 +- 0.8; 4.9	17.2 +- 1.9
2	3 13.1	23.7 +- 0.7; 3.6	15.5 +- 0.8; 4.8	17.4 +- 1.7
4	30 11.9	25.1 +- 0.8; 3.8	16.8 +- 0.9; 4.9	19.8 +- 2.1
5	53 8.2	25.3 +- 0.8; 3.8	17.0 +- 0.9; 5.0	18.7 +- 1.6
6	58 9.1	27.7 +- 0.8; 4.2	19.4 +- 0.9; 5.2	19.4 +- 1.8
7	97 8.0	26.8 +- 0.8; 4.0	18.5 +- 0.9; 5.1	19.7 +- 1.9
8	110 4.2	26.7 +- 0.8; 4.0	18.4 +- 0.9; 5.1	19.2 +- 1.7
9	111 1.9	28.0 +- 0.8; 4.2	19.6 +- 0.9; 5.3	19.9 +- 2.1
10	92 2.2	26.5 +- 0.8; 4.0	18.2 +- 0.9; 5.1	19.4 +- 1.4
11	64 3.6	26.8 +- 0.8; 4.0	18.5 +- 0.9; 5.1	19.8 +- 2.1
12	148 4.0	27.9 +- 0.8; 4.2	19.6 +- 0.9; 5.3	21.0 +- 1.2
13	171 4.4	26.1 +- 0.8; 3.9	17.8 +- 0.9; 5.1	18.7 +- 1.7
14	183 4.4	25.3 +- 0.8; 3.8	17.1 +- 0.9; 5.0	18.5 +- 1.5
15	198 3.6	25.2 +- 0.8; 3.8	16.9 +- 0.9; 4.9	18.9 +- 1.7
16	254 5.7	25.5 +- 0.8; 3.8	17.2 +- 0.9; 5.0	18.4 +- 1.5
17	267 6.5	24.2 +- 0.7; 3.6	16.0 +- 0.8; 4.8	17.9 +- 1.7
18	231 2.5	25.4 +- 0.8; 3.8	17.1 +- 0.9; 5.0	18.8 +- 1.6
19	266 2.5	27.3 +- 0.8; 4.1	19.0 +- 0.9; 5.2	20.3 +- 1.7
20	291 3.8	23.9 +- 0.7; 3.6	15.7 +- 0.8; 4.8	17.2 +- 2.1
21	298 2.4	28.7 +- 0.9; 4.3	20.4 +- 1.0; 5.4	20.9 +- 1.8
22	219 1.5	25.8 +- 0.8; 3.9	17.5 +- 0.9; 5.0	17.8 +- 1.2
23	252 2.4	30.1 +- 0.9; 4.5	21.7 +- 1.0; 5.5	21.1 +- 2.4
24	207 2.2	26.0 +- 0.8; 3.9	17.7 +- 0.9; 5.0	19.7 +- 1.7
25	187 2.2	26.8 +- 0.8; 4.0	18.4 +- 0.9; 5.1	20.1 +- 1.7
26	158 2.2	24.7 +- 0.7; 3.7	16.4 +- 0.9; 4.9	19.3 +- 1.7
27	135 1.9	25.8 +- 0.8; 3.9	17.5 +- 0.9; 5.0	20.0 +- 1.4
28	99 1.4	27.2 +- 0.8; 4.1	18.9 +- 0.9; 5.2	20.4 +- 1.9
29	64 1.4	25.1 +- 0.8; 3.8	16.8 +- 0.9; 4.9	18.7 +- 1.8
30	53 1.0	26.9 +- 0.8; 4.0	18.5 +- 0.9; 5.1	19.1 +- 1.7
31	320 1.4	30.0 +- 0.9; 4.5	21.6 +- 1.0; 5.5	21.3 +- 2.0
32	320 3.5	25.4 +- 0.8; 3.8	17.1 +- 0.9; 5.0	19.1 +- 1.8
33	335 2.5	26.6 +- 0.8; 4.0	18.2 +- 0.9; 5.1	19.3 +- 1.8
34	340 5.2	Missing Dosimeter	No Net Data	17.3 +- 2.1
35	4 3.5	26.9 +- 0.8; 4.0	18.6 +- 0.9; 5.1	19.8 +- 1.9
36	23 3.2	28.3 +- 0.8; 4.2	20.0 +- 0.9; 5.3	22.1 +- 1.8
37	42 2.8	24.5 +- 0.7; 3.7	16.2 +- 0.9; 4.9	16.7 +- 1.2
38	27 1.6	24.1 +- 0.7; 3.6	15.8 +- 0.8; 4.8	17.9 +- 2.0
39	348 1.6	26.8 +- 0.8; 4.0	18.5 +- 0.9; 5.1	19.1 +- 1.8
40	340 15.8	24.5 +- 0.7; 3.7	16.2 +- 0.8; 4.9	16.6 +- 1.8
41	340 15.8	24.7 +- 0.7; 3.7	16.4 +- 0.9; 4.9	16.9 +- 1.6

Transit Dose = 7.9 +- 0.5; 3.4

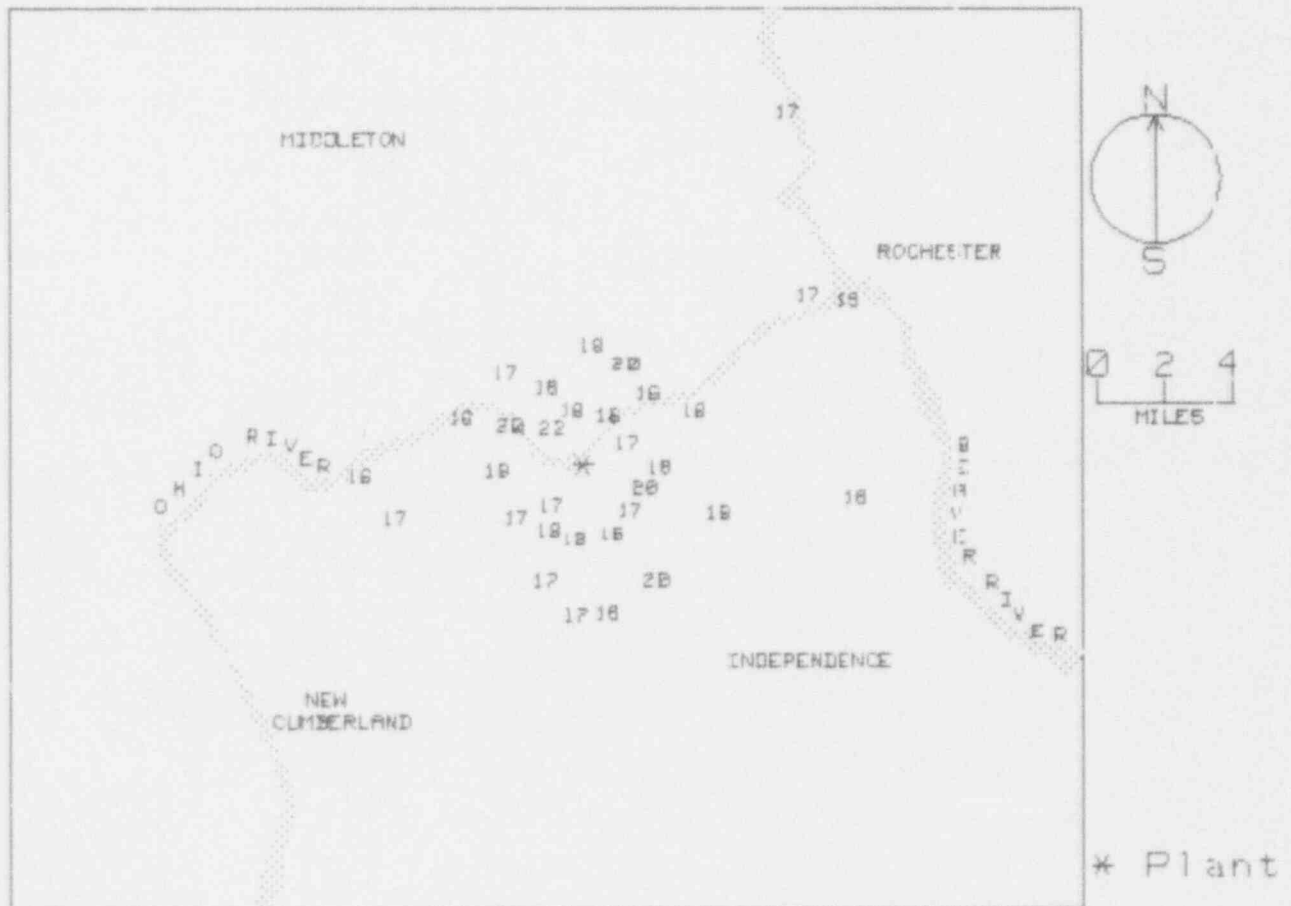
BEAVER VALLEY
For the period 921209-930429

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.0 +- 2.2	2
11.26 - 33.75 NNE	17.5 +- 2.2	3
33.76 - 56.25 NE	17.3 +- 1.2	3
56.26 - 78.75 ENE	18.2 +- 1.3	3
78.76 - 101.25 E	18.5 +- 0.3	3
101.26 - 123.75 ESE	19.0 +- 0.9	2
123.76 - 146.25 SE	17.5 +- 0.0	1
146.26 - 168.75 SSE	18.0 +- 2.2	2
168.76 - 191.25 S	17.8 +- 0.7	3
191.26 - 213.75 SSW	17.3 +- 0.6	2
213.76 - 236.25 SW	17.3 +- 0.3	2
236.26 - 258.75 WSW	19.5 +- 3.2	2
258.76 - 281.25 W	17.5 +- 2.2	2
281.26 - 303.75 WNW	18.0 +- 3.3	2
303.76 - 326.25 NW	19.4 +- 3.2	2
326.26 - 348.75 NNW	18.4 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.3 +- 1.7	9
2 - 5	18.1 +- 1.5	20
> 5	17.2 +- 1.4	7
Upwind Control	16.3 +- 0.1	3

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



BIG ROCK

TLD Direct Radiation Environmental Monitoring

For the period 921208-930415 129 Days

Field Time: 91 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	208 4.9	17.9 +- 0.5; 2.7	12.9 +- 0.6; 4.0	13.8 +- 1.7
2	220 3.6	16.3 +- 0.5; 2.4	11.3 +- 0.6; 3.9	12.8 +- 2.0
3	204 2.4	17.0 +- 0.5; 2.5	11.9 +- 0.6; 3.9	13.0 +- 2.2
4	176 3.3	Missing Dosimeter	No Net Data	12.7 +- 1.9
5	161 4.6	18.6 +- 0.6; 2.8	13.5 +- 0.7; 4.1	13.3 +- 2.0
6	133 4.7	17.2 +- 0.5; 2.6	12.1 +- 0.6; 4.0	14.4 +- 1.9
7	116 3.7	18.3 +- 0.5; 2.7	13.2 +- 0.7; 4.1	15.1 +- 2.0
8	111 4.7	17.4 +- 0.5; 2.6	12.4 +- 0.6; 4.0	14.8 +- 2.4
9	98 4.5	17.3 +- 0.5; 2.6	12.2 +- 0.6; 4.0	13.3 +- 1.8
10	88 12.0	17.0 +- 0.5; 2.6	11.9 +- 0.6; 3.9	12.7 +- 1.8
11	83 16.0	18.0 +- 0.5; 2.7	12.9 +- 0.6; 4.0	13.4 +- 2.4
12	83 16.0	17.4 +- 0.5; 2.6	12.3 +- 0.6; 4.0	12.9 +- 2.1
13	83 16.0	17.5 +- 0.5; 2.6	12.4 +- 0.6; 4.0	12.8 +- 1.8
14	77 3.4	17.1 +- 0.5; 2.6	12.0 +- 0.6; 3.9	12.1 +- 1.8
15	96 1.8	17.9 +- 0.5; 2.7	12.8 +- 0.6; 4.0	14.2 +- 2.0
16	118 2.0	17.7 +- 0.5; 2.7	12.6 +- 0.6; 4.0	13.9 +- 2.2
17	134 2.0	16.4 +- 0.5; 2.5	11.3 +- 0.6; 3.9	13.7 +- 1.7
18	222 1.9	17.6 +- 0.5; 2.6	12.5 +- 0.6; 4.0	12.4 +- 2.2
19	194 1.4	18.9 +- 0.6; 2.8	13.8 +- 0.7; 4.1	15.2 +- 2.1
20	179 1.5	17.3 +- 0.5; 2.6	12.3 +- 0.6; 4.0	13.4 +- 1.8
21	153 1.1	17.0 +- 0.5; 2.6	11.9 +- 0.6; 3.9	13.2 +- 1.7

Transit Dose = 4.9 +- 0.4; 3.1

BIG ROCK

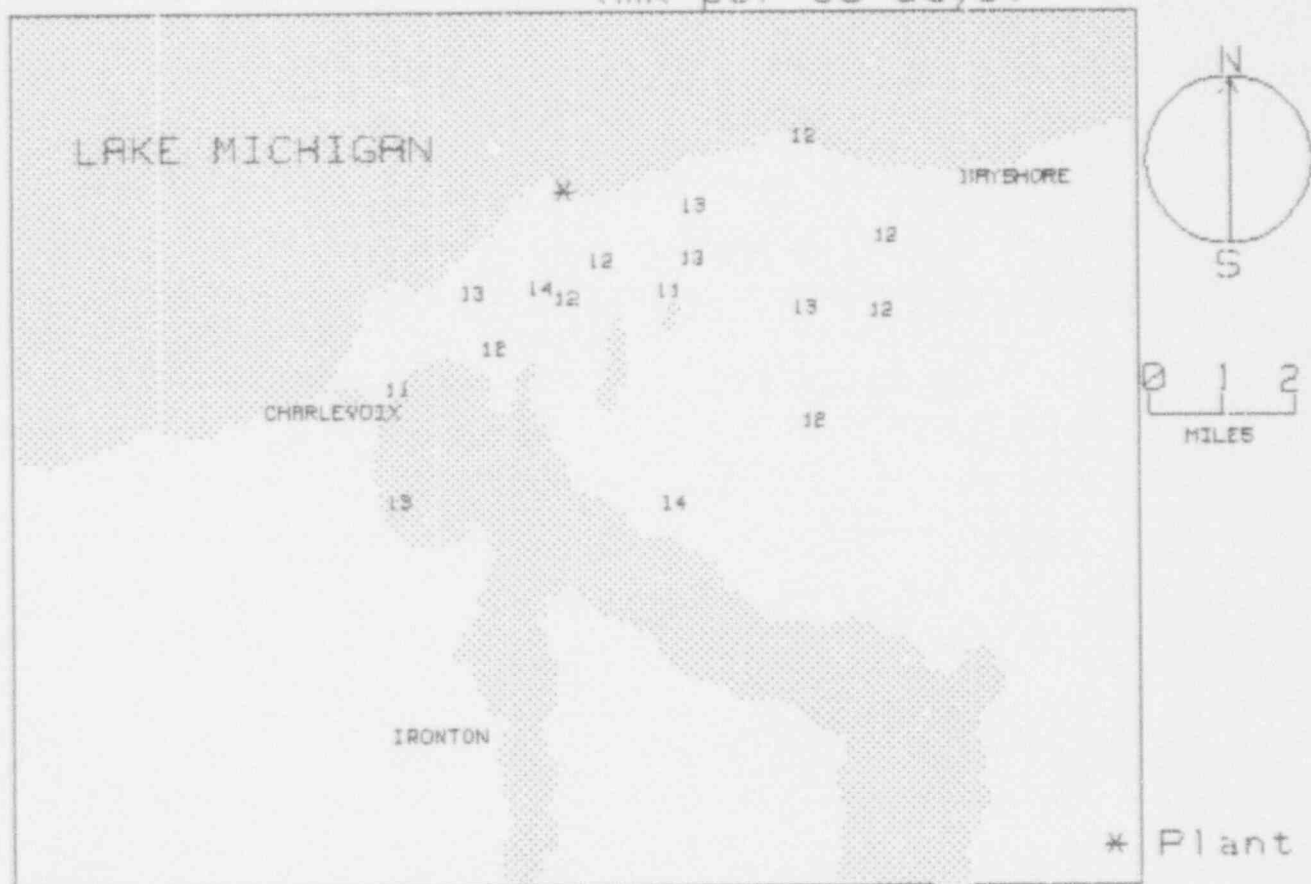
For the period 921208-930415

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	12.0 +- 0.0	1
78.76 - 101.25 E	12.3 +- 0.4	3
101.26 - 123.75 ESE	12.7 +- 0.4	3
123.76 - 146.25 SE	11.7 +- 0.6	2
146.26 - 168.75 SSE	12.7 +- 1.1	2
168.76 - 191.25 S	12.3 +- 0.0	1
191.26 - 213.75 SSW	12.9 +- 0.9	3
213.76 - 236.25 SW	11.9 +- 0.9	2
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.5 +- 0.8	7
2 - 5	12.4 +- 0.7	9
> 5	11.9 +- 0.0	1
Upwind Control	12.5 +- 0.3	3

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



BRAIDWOOD

TLD Direct Radiation Environmental Monitoring

For the period 921208-930415 129 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	28	0.8	19.6 +- 0.6; 2.9	15.6 +- 0.7; 4.4	14.7 +- 4.6
2	29	1.3	17.4 +- 0.5; 2.6	13.2 +- 0.7; 4.1	15.5 +- 3.6
3	53	2.0	18.1 +- 0.5; 2.7	13.9 +- 0.7; 4.2	13.3 +- 3.7
4	72	2.1	17.4 +- 0.5; 2.6	13.2 +- 0.7; 4.1	15.7 +- 3.5
5	87	2.0	16.4 +- 0.5; 2.5	12.2 +- 0.6; 4.0	15.3 +- 3.7
6	119	2.5	16.7 +- 0.5; 2.5	12.5 +- 0.7; 4.0	14.8 +- 4.6
7	133	3.3	17.1 +- 0.5; 2.6	12.9 +- 0.7; 4.1	15.7 +- 3.6
8	151	3.3	17.3 +- 0.5; 2.6	13.1 +- 0.7; 4.1	14.5 +- 3.3
9	172	3.9	18.9 +- 0.6; 2.8	14.8 +- 0.7; 4.3	19.5 +- 5.3
10	197	2.8	16.9 +- 0.5; 2.5	12.7 +- 0.7; 4.1	15.8 +- 3.9
11	212	1.4	17.6 +- 0.5; 2.6	13.4 +- 0.7; 4.1	14.7 +- 3.3
12	232	1.0	16.9 +- 0.5; 2.5	12.6 +- 0.7; 4.1	14.2 +- 3.7
13	255	1.0	16.3 +- 0.5; 2.4	12.0 +- 0.6; 4.0	14.7 +- 3.4
14	278	1.2	17.2 +- 0.5; 2.6	13.0 +- 0.7; 4.1	15.1 +- 3.2
15	310	1.3	17.1 +- 0.5; 2.6	12.9 +- 0.7; 4.1	15.3 +- 3.5
16	342	1.3	17.0 +- 0.5; 2.6	12.8 +- 0.7; 4.1	13.0 +- 3.7
17	8	1.5	16.6 +- 0.5; 2.5	12.4 +- 0.7; 4.0	15.3 +- 3.7
18	18	3.5	20.6 +- 0.6; 3.1	16.6 +- 0.8; 4.5	18.8 +- 4.5
19	42	6.3	17.7 +- 0.5; 2.6	13.5 +- 0.7; 4.1	14.4 +- 4.0
20	69	5.7	19.3 +- 0.6; 2.9	15.3 +- 0.7; 4.3	16.5 +- 3.5
21	86	7.0	19.2 +- 0.6; 2.9	15.1 +- 0.7; 4.3	17.6 +- 3.8
22	103	11.4	18.8 +- 0.6; 2.8	14.7 +- 0.7; 4.3	16.6 +- 4.4
23	45	4.9	17.5 +- 0.5; 2.6	13.3 +- 0.7; 4.1	16.2 +- 3.6
24	70	4.2	17.0 +- 0.5; 2.6	12.8 +- 0.7; 4.1	15.2 +- 3.7
25	86	4.1	16.9 +- 0.5; 2.5	12.7 +- 0.7; 4.1	13.6 +- 3.5
26	125	5.0	18.6 +- 0.6; 2.8	14.5 +- 0.7; 4.2	14.4 +- 5.0
27	142	7.2	19.9 +- 0.6; 3.0	15.9 +- 0.7; 4.4	17.8 +- 4.0
28	161	6.1	16.2 +- 0.5; 2.4	11.9 +- 0.6; 4.0	15.5 +- 3.6
29	180	5.9	22.7 +- 0.7; 3.4	18.8 +- 0.8; 4.7	19.6 +- 4.4
30	187	5.8	21.1 +- 0.6; 3.2	17.1 +- 0.8; 4.5	20.8 +- 4.1
31	225	5.4	19.4 +- 0.6; 2.9	15.4 +- 0.7; 4.3	18.2 +- 3.6
32	253	4.0	16.4 +- 0.5; 2.5	12.2 +- 0.6; 4.0	16.0 +- 3.6
33	289	4.1	18.2 +- 0.5; 2.7	14.0 +- 0.7; 4.2	17.4 +- 4.0
34	315	4.0	18.0 +- 0.5; 2.7	13.9 +- 0.7; 4.2	16.7 +- 3.7
35	333	4.0	Missing Dosimeter	No Net Data	16.0 +- 4.0
36	0	5.5	16.0 +- 0.5; 2.4	11.7 +- 0.6; 4.0	15.7 +- 3.9
37	21	5.0	16.3 +- 0.5; 2.4	12.0 +- 0.6; 4.0	13.1 +- 4.4
38	224	14.7	16.2 +- 0.5; 2.4	11.9 +- 0.6; 4.0	15.0 +- 4.1
39	224	14.7	17.6 +- 0.5; 2.6	13.4 +- 0.7; 4.1	14.6 +- 3.5
40	187	10.3	19.7 +- 0.6; 3.0	15.6 +- 0.7; 4.4	18.7 +- 4.1

Transit Dose = 4.9 +- 0.4; 2.9

BRAIDWOOD

For the period 921208-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	12.1 +- 0.5	2
11.26 - 33.75 NNE	14.3 +- 2.1	4
33.76 - 56.25 NE	13.6 +- 0.3	3
56.26 - 78.75 ENE	13.8 +- 1.3	3
78.76 - 101.25 E	13.3 +- 1.5	3
101.26 - 123.75 ESE	13.6 +- 1.5	2
123.76 - 146.25 SE	14.4 +- 1.5	3
146.26 - 168.75 SSE	12.5 +- 0.8	2
168.76 - 191.25 S	16.9 +- 2.0	3
191.26 - 213.75 SSW	13.0 +- 0.5	2
213.76 - 236.25 SW	13.3 +- 1.8	3
236.26 - 258.75 WSW	12.1 +- 0.1	2
258.76 - 281.25 W	13.0 +- 0.0	1
281.26 - 303.75 WNW	14.0 +- 0.0	1
303.76 - 326.25 NW	13.4 +- 0.7	2
326.26 - 348.75 NNW	12.8 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.1 +- 1.0	11
2 - 5	13.4 +- 1.2	15
> 5	14.7 +- 2.3	11
Upwind Control	14.5 +- 1.6	2

MAP FOR BRAIDWOOD

Map will be provided for this site in the future.

BROWNS FERRY

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 86 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev
1	130	9.0	18.6	+- 0.6; 2.8	13.0	+- 0.7; 4.3	14.5 +- 1.6
2	133	5.5	20.5	+- 0.6; 3.1	15.1	+- 0.8; 4.5	15.1 +- 2.0
3	153	4.3	18.0	+- 0.5; 2.7	12.4	+- 0.7; 4.2	14.9 +- 1.8
4	210	5.8	25.3	+- 0.8; 3.8	20.0	+- 0.9; 5.1	17.7 +- 2.0
5	220	6.0	18.2	+- 0.5; 2.7	12.7	+- 0.7; 4.3	15.2 +- 1.8
6	245	4.5	21.4	+- 0.6; 3.2	16.0	+- 0.8; 4.6	18.7 +- 2.1
7	269	1.9	19.6	+- 0.6; 2.9	14.1	+- 0.7; 4.4	16.6 +- 1.9
8	257	11.0	19.1	+- 0.6; 2.9	13.6	+- 0.7; 4.4	15.8 +- 1.8
9	295	7.0	19.1	+- 0.6; 2.9	13.6	+- 0.7; 4.4	16.7 +- 2.1
10	292	4.5	19.9	+- 0.6; 3.0	14.4	+- 0.8; 4.4	16.6 +- 1.9
11	269	1.9	19.9	+- 0.6; 3.0	14.4	+- 0.7; 4.4	16.9 +- 1.9
12	240	2.6	19.2	+- 0.6; 2.9	13.6	+- 0.7; 4.4	15.8 +- 2.0
13	220	1.7	Missing Dosimeter		No Net Data		18.9 +- 2.7
14	268	17.0	20.2	+- 0.6; 3.0	14.7	+- 0.8; 4.5	17.5 +- 1.9
15	201	3.0	20.4	+- 0.6; 3.1	14.9	+- 0.8; 4.5	17.3 +- 1.9
16	181	3.0	17.8	+- 0.5; 2.7	12.2	+- 0.7; 4.2	16.2 +- 1.9
17	50	9.5	22.1	+- 0.7; 3.3	16.7	+- 0.8; 4.7	17.5 +- 1.8
18	51	3.5	18.4	+- 0.6; 2.8	12.8	+- 0.7; 4.3	15.8 +- 1.7
19	62	3.2	20.4	+- 0.6; 3.1	14.9	+- 0.8; 4.5	16.4 +- 2.0
20	86	2.8	22.1	+- 0.7; 3.3	16.7	+- 0.8; 4.7	18.7 +- 2.0
21	111	3.1	22.6	+- 0.7; 3.4	17.2	+- 0.8; 4.7	19.4 +- 2.1
22	64	1.1	22.7	+- 0.7; 3.4	17.4	+- 0.8; 4.8	20.1 +- 2.0
23	90	26.0	18.7	+- 0.6; 2.8	13.1	+- 0.7; 4.3	17.1 +- 2.0
24	111	0.8	21.7	+- 0.7; 3.3	16.4	+- 0.8; 4.7	18.0 +- 1.8
25	46	2.2	22.0	+- 0.7; 3.3	16.6	+- 0.8; 4.7	18.2 +- 2.1
26	26	1.7	23.1	+- 0.7; 3.5	17.8	+- 0.8; 4.8	19.7 +- 2.3
27	333	1.7	19.7	+- 0.6; 3.0	14.2	+- 0.7; 4.4	16.8 +- 1.8
28	335	1.0	21.3	+- 0.6; 3.2	15.9	+- 0.8; 4.6	18.5 +- 2.3
29	27	3.8	20.5	+- 0.6; 3.1	15.1	+- 0.8; 4.5	18.1 +- 1.9
30	0	4.0	18.6	+- 0.6; 2.8	13.1	+- 0.7; 4.3	15.4 +- 1.7
31	340	5.3	22.2	+- 0.7; 3.3	16.9	+- 0.8; 4.7	18.5 +- 1.9
32	312	12.0	22.8	+- 0.7; 3.4	17.4	+- 0.8; 4.8	18.0 +- 2.3
33	0	1.5	22.7	+- 0.7; 3.4	17.4	+- 0.8; 4.8	19.4 +- 2.0
34	52	7.0	20.9	+- 0.6; 3.1	15.5	+- 0.8; 4.6	16.7 +- 2.2
35	95	5.4	20.9	+- 0.6; 3.1	15.5	+- 0.8; 4.6	17.2 +- 2.0
36	68	5.6	21.6	+- 0.6; 3.2	16.2	+- 0.8; 4.6	18.1 +- 2.2
37	149	7.8	20.8	+- 0.6; 3.1	15.3	+- 0.8; 4.5	16.5 +- 1.9
38	164	7.0	18.7	+- 0.6; 2.8	13.2	+- 0.7; 4.3	14.0 +- 1.9

Transit Dose = 6.1 +- 0.4; 3.0

BROWNS FERRY

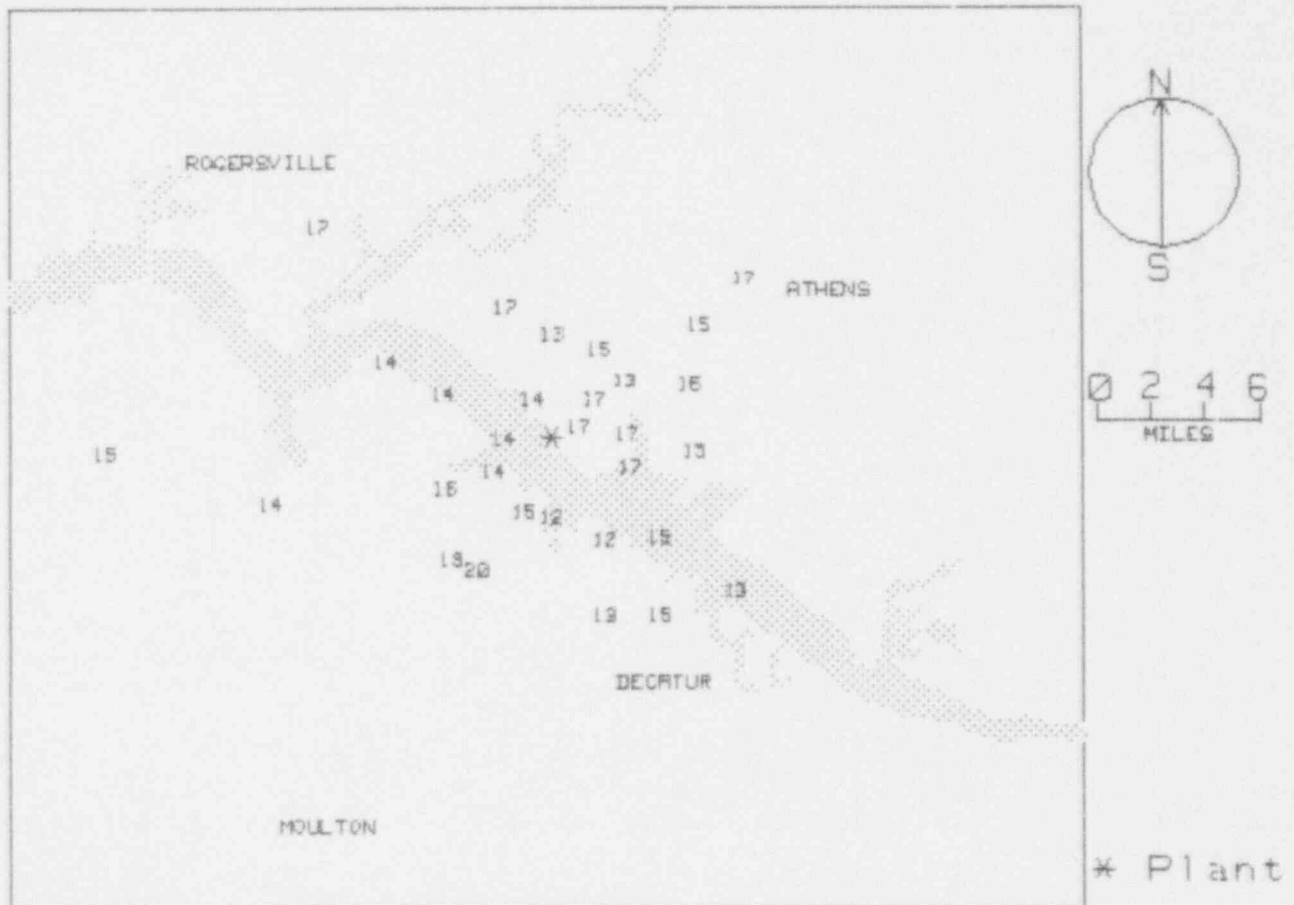
For the period 921208-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.2 +- 3.1	2
11.26 - 33.75 NNE	16.4 +- 1.9	2
33.76 - 56.25 NE	15.4 +- 1.8	4
56.26 - 78.75 ENE	16.2 +- 1.2	3
78.76 - 101.25 E	15.1 +- 1.8	3
101.26 - 123.75 ESE	16.8 +- 0.6	2
123.76 - 146.25 SE	14.1 +- 1.5	2
146.26 - 168.75 SSE	13.6 +- 1.5	3
168.76 - 191.25 S	12.2 +- 0.0	1
191.26 - 213.75 SSW	17.5 +- 3.6	2
213.76 - 236.25 SW	12.7 +- 0.0	1
236.26 - 258.75 WSW	14.8 +- 1.7	2
258.76 - 281.25 W	14.3 +- 0.2	2
281.26 - 303.75 WNW	14.0 +- 0.6	2
303.76 - 326.25 NW	17.4 +- 0.0	1
326.26 - 348.75 NNW	15.7 +- 1.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.9 +- 1.5	8
2 - 5	14.6 +- 1.7	13
> 5	15.3 +- 2.1	14
Upwind Control	14.2 +- 0.8	2

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



BRUNSWICK

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 84 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
====	=====	=====	=====	=====	=====
1	260	2.2	12.4 +- 0.4; 1.9	9.4 +- 0.5; 3.5	10.6 +- 1.4
2	245	3.4	12.2 +- 0.4; 1.8	9.2 +- 0.5; 3.5	10.6 +- 1.4
3	231	3.8	Damaged Dosimeter	No Net Data	10.3 +- 1.3
4	210	4.9	14.4 +- 0.4; 2.2	11.6 +- 0.6; 3.7	13.0 +- 1.5
5	186	4.3	14.4 +- 0.4; 2.2	11.6 +- 0.6; 3.7	12.8 +- 1.6
6	270	4.5	12.7 +- 0.4; 1.9	9.8 +- 0.5; 3.6	10.6 +- 1.3
7	272	4.4	13.2 +- 0.4; 2.0	10.3 +- 0.5; 3.6	11.5 +- 1.3
8	73	1.3	14.4 +- 0.4; 2.2	11.6 +- 0.6; 3.7	12.7 +- 1.4
9	97	1.0	13.2 +- 0.4; 2.0	10.3 +- 0.5; 3.6	12.5 +- 1.3
10	120	1.5	13.7 +- 0.4; 2.1	10.8 +- 0.6; 3.7	12.7 +- 1.3
11	131	0.9	13.1 +- 0.4; 2.0	10.1 +- 0.5; 3.6	12.4 +- 1.2
12	156	1.1	14.0 +- 0.4; 2.1	11.1 +- 0.6; 3.7	12.9 +- 1.4
13	180	1.1	14.0 +- 0.4; 2.1	11.2 +- 0.6; 3.7	12.0 +- 1.2
14	194	2.4	14.0 +- 0.4; 2.1	11.1 +- 0.6; 3.7	11.8 +- 1.4
15	201	2.0	12.5 +- 0.4; 1.9	9.5 +- 0.5; 3.5	11.4 +- 1.3
16	218	1.2	14.9 +- 0.4; 2.2	12.1 +- 0.6; 3.8	12.6 +- 1.5
17	252	1.1	14.0 +- 0.4; 2.1	11.1 +- 0.6; 3.7	12.4 +- 1.3
18	272	1.2	13.0 +- 0.4; 2.0	10.1 +- 0.5; 3.6	12.1 +- 1.6
19	19	1.1	13.0 +- 0.4; 2.0	10.1 +- 0.5; 3.6	11.6 +- 1.4
20	2	1.1	12.8 +- 0.4; 1.9	9.8 +- 0.5; 3.6	11.3 +- 1.6
21	288	1.3	12.1 +- 0.4; 1.8	9.1 +- 0.5; 3.5	10.8 +- 1.8
22	307	1.5	12.7 +- 0.4; 1.9	9.7 +- 0.5; 3.6	11.0 +- 1.3
23	338	2.1	13.6 +- 0.4; 2.0	10.7 +- 0.6; 3.6	12.1 +- 1.4
24	325	4.9	12.4 +- 0.4; 1.9	9.4 +- 0.5; 3.5	10.9 +- 1.2
25	338	3.8	13.9 +- 0.4; 2.1	11.0 +- 0.6; 3.7	12.1 +- 1.4
26	356	5.2	13.0 +- 0.4; 1.9	10.0 +- 0.5; 3.6	11.2 +- 1.3
27	30	6.4	12.8 +- 0.4; 1.9	9.8 +- 0.5; 3.6	10.8 +- 1.5
28	43	9.0	14.4 +- 0.4; 2.2	11.6 +- 0.6; 3.7	12.5 +- 1.8
29	50	8.5	13.9 +- 0.4; 2.1	11.0 +- 0.6; 3.7	11.8 +- 1.6
30	59	7.2	12.6 +- 0.4; 1.9	9.6 +- 0.5; 3.6	12.1 +- 1.5
31	65	6.5	13.2 +- 0.4; 2.0	10.3 +- 0.5; 3.6	12.1 +- 1.3
32	74	5.8	13.3 +- 0.4; 2.0	10.4 +- 0.5; 3.6	12.8 +- 1.8
33	88	4.1	14.0 +- 0.4; 2.1	11.1 +- 0.6; 3.7	11.3 +- 1.6
34	12	17.0	13.5 +- 0.4; 2.0	10.6 +- 0.5; 3.6	12.5 +- 1.3
35	16	18.0	12.7 +- 0.4; 1.9	9.7 +- 0.5; 3.6	11.1 +- 1.5
36	284	15.0	13.2 +- 0.4; 2.0	10.3 +- 0.5; 3.6	12.5 +- 2.0
37	284	16.0	14.4 +- 0.4; 2.2	11.6 +- 0.6; 3.7	13.3 +- 1.4
38	284	15.0	13.8 +- 0.4; 2.1	10.9 +- 0.6; 3.7	12.3 +- 1.4
39	287	4.6	13.1 +- 0.4; 2.0	10.2 +- 0.5; 3.6	11.1 +- 1.4
40	271	0.7	14.6 +- 0.4; 2.2	11.8 +- 0.6; 3.7	13.3 +- 1.5

Transit Dose = 3.6 +- 0.3; 2.7

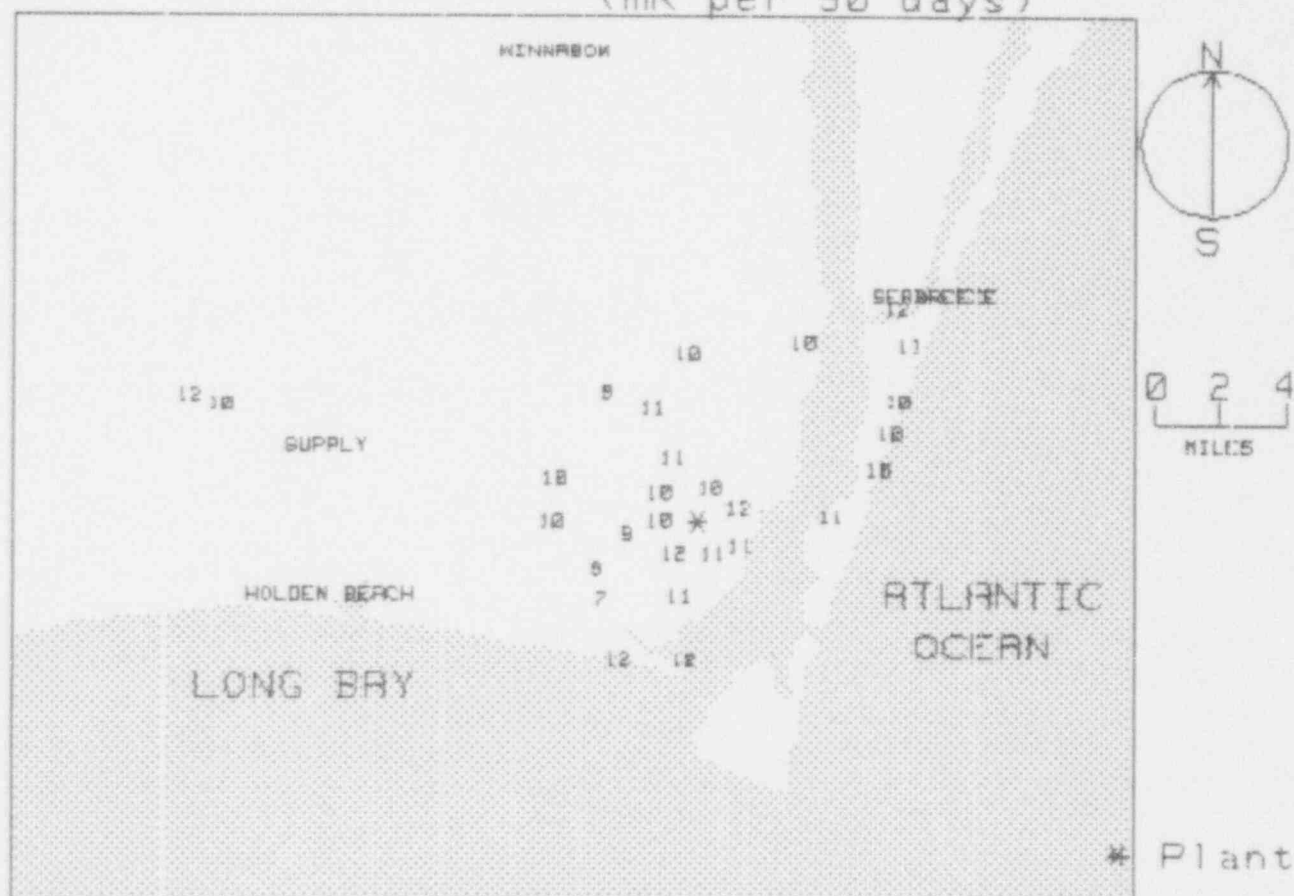
BRUNSWICK
For the period 921208-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	9.9 +- 0.2	2
11.26 - 33.75 NNE	10.1 +- 0.4	4
33.76 - 56.25 NE	11.3 +- 0.4	2
56.26 - 78.75 ENE	10.5 +- 0.8	4
78.76 - 101.25 E	10.7 +- 0.6	2
101.26 - 123.75 ESE	10.8 +- 0.0	1
123.76 - 146.25 SE	10.1 +- 0.0	1
146.26 - 168.75 SSE	11.1 +- 0.0	1
168.76 - 191.25 S	11.4 +- 0.3	2
191.26 - 213.75 SSW	10.7 +- 1.1	3
213.76 - 236.25 SW	12.1 +- 0.0	1
236.26 - 258.75 WSW	10.2 +- 1.4	2
258.76 - 281.25 W	10.3 +- 0.9	5
281.26 - 303.75 WNW	9.7 +- 0.8	2
303.76 - 326.25 NW	9.6 +- 0.2	2
326.26 - 348.75 NNW	10.8 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	10.6 +- 0.9	15
2 - 5	10.4 +- 0.9	12
> 5	10.3 +- 0.6	9
Upwind Control	10.9 +- 0.7	3

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



BYRON

TLD Direct Radiation Environmental Monitoring

For the period 921208-930415 129 Days

Field Time: 84 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	10 1.1	18.8 +- 0.6; 2.8	14.7 +- 0.7; 4.3	19.2 +- 1.9
2	27 1.0	19.7 +- 0.6; 3.0	15.6 +- 0.7; 4.4	18.6 +- 2.0
3	53 1.6	19.8 +- 0.6; 3.0	15.7 +- 0.7; 4.4	17.3 +- 1.8
4	68 1.6	20.2 +- 0.6; 3.0	16.2 +- 0.8; 4.5	20.4 +- 2.3
5	97 1.4	22.8 +- 0.7; 3.4	18.9 +- 0.8; 4.8	20.8 +- 2.0
6	120 1.3	21.0 +- 0.6; 3.2	17.0 +- 0.8; 4.6	18.8 +- 1.8
7	146 1.4	20.6 +- 0.6; 3.1	16.6 +- 0.8; 4.5	19.8 +- 2.5
8	175 2.2	20.6 +- 0.6; 3.1	16.6 +- 0.8; 4.5	18.7 +- 1.7
9	177 0.6	18.2 +- 0.5; 2.7	14.0 +- 0.7; 4.2	16.1 +- 1.7
10	183 0.5	19.2 +- 0.6; 2.9	15.1 +- 0.7; 4.4	18.6 +- 2.1
11	193 0.6	19.0 +- 0.6; 2.8	14.8 +- 0.7; 4.3	17.8 +- 2.1
12	220 0.9	20.3 +- 0.6; 3.0	16.2 +- 0.8; 4.5	18.3 +- 1.8
13	239 0.8	19.9 +- 0.6; 3.0	15.8 +- 0.7; 4.4	17.6 +- 1.6
14	262 0.7	21.1 +- 0.6; 3.2	17.1 +- 0.8; 4.6	19.0 +- 2.2
15	283 0.8	18.8 +- 0.6; 2.8	14.6 +- 0.7; 4.3	18.1 +- 2.0
16	303 1.0	19.2 +- 0.6; 2.9	15.1 +- 0.7; 4.4	16.6 +- 1.9
17	326 1.6	18.1 +- 0.5; 2.7	13.8 +- 0.7; 4.2	16.3 +- 2.1
18	23 4.0	18.3 +- 0.5; 2.7	14.2 +- 0.7; 4.3	15.7 +- 1.6
19	17 4.1	17.1 +- 0.5; 2.6	12.9 +- 0.7; 4.1	14.4 +- 1.4
20	5 4.3	19.8 +- 0.6; 3.0	15.7 +- 0.7; 4.4	17.1 +- 2.0
21	340 4.2	20.4 +- 0.6; 3.1	16.3 +- 0.8; 4.5	18.7 +- 2.2
22	322 4.9	19.4 +- 0.6; 2.9	15.3 +- 0.7; 4.4	18.8 +- 2.5
23	298 6.9	18.3 +- 0.5; 2.7	14.1 +- 0.7; 4.3	15.8 +- 1.5
24	262 4.8	17.9 +- 0.5; 2.7	13.7 +- 0.7; 4.2	15.9 +- 1.6
25	244 4.6	18.4 +- 0.6; 2.8	14.2 +- 0.7; 4.3	15.7 +- 1.5
26	224 4.8	18.6 +- 0.6; 2.8	14.5 +- 0.7; 4.3	16.4 +- 2.0
27	208 5.2	17.6 +- 0.5; 2.6	13.4 +- 0.7; 4.2	14.8 +- 1.4
28	209 14.0	17.6 +- 0.5; 2.6	13.4 +- 0.7; 4.2	14.3 +- 1.4
29	215 13.0	19.4 +- 0.6; 2.9	15.3 +- 0.7; 4.4	17.4 +- 1.8
30	215 13.0	22.1 +- 0.7; 3.3	18.2 +- 0.8; 4.7	18.3 +- 2.0
31	204 4.6	16.7 +- 0.5; 2.5	12.4 +- 0.7; 4.1	13.4 +- 1.5
32	178 4.4	19.1 +- 0.6; 2.9	14.9 +- 0.7; 4.3	16.0 +- 1.4
33	155 3.9	18.9 +- 0.6; 2.8	14.8 +- 0.7; 4.3	17.8 +- 1.7
34	138 4.6	19.9 +- 0.6; 3.0	15.9 +- 0.7; 4.4	17.8 +- 1.8
35	118 4.4	19.8 +- 0.6; 3.0	15.7 +- 0.7; 4.4	18.9 +- 2.2
36	81 3.8	20.0 +- 0.6; 3.0	16.0 +- 0.8; 4.5	16.8 +- 2.0
37	70 5.5	17.1 +- 0.5; 2.6	12.8 +- 0.7; 4.1	16.4 +- 1.9
38	45 4.0	17.6 +- 0.5; 2.6	13.4 +- 0.7; 4.2	15.1 +- 1.8
39	40 6.8	19.7 +- 0.6; 3.0	15.6 +- 0.7; 4.4	18.1 +- 1.5
40	45 15.0	17.0 +- 0.5; 2.6	12.7 +- 0.7; 4.1	14.3 +- 1.3
41	220 3.0	20.6 +- 0.6; 3.1	16.6 +- 0.8; 4.5	19.5 +- 2.3

Transit Dose = 5.1 +- 0.4; 2.9

BYRON

For the period 921208-930415

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 +- 0.7	2
11.26 - 33.75 NNE	14.2 +- 1.4	3
33.76 - 56.25 NE	14.4 +- 1.5	4
56.26 - 78.75 ENE	14.5 +- 2.4	2
78.76 - 101.25 E	17.4 +- 2.1	2
101.26 - 123.75 ESE	16.3 +- 0.9	2
123.76 - 146.25 SE	16.2 +- 0.5	2
146.26 - 168.75 SSE	14.8 +- 0.0	1
168.76 - 191.25 S	15.2 +- 1.1	4
191.26 - 213.75 SSW	13.5 +- 1.2	3
213.76 - 236.25 SW	15.7 +- 1.1	3
236.26 - 258.75 WSW	15.0 +- 1.2	2
258.76 - 281.25 W	15.4 +- 2.4	2
281.26 - 303.75 WNW	14.6 +- 0.5	3
303.76 - 326.25 NW	14.6 +- 1.0	2
326.26 - 348.75 NNW	16.3 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.7 +- 1.3	16
2 - 5	14.9 +- 1.3	17
> 5	13.7 +- 1.2	5
Upwind Control	15.6 +- 2.4	3

MAP FOR BYRON

Map will be provided for this site in the future.

CALLAWAY

TLD Direct Radiation Environmental Monitoring

For the period 921207-930420 135 Days

Field Time: 79 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	247	2.1	23.0 +- 0.7; 3.4		19.2 +- 0.9; 5.1		20.9 +- 2.8	
2	259	1.4	22.0 +- 0.7; 3.3		18.1 +- 0.9; 4.9		19.5 +- 2.3	
3	282	1.3	20.5 +- 0.6; 3.1		16.4 +- 0.8; 4.8		19.7 +- 1.7	
4	304	1.3	22.1 +- 0.7; 3.3		18.2 +- 0.9; 5.0		20.4 +- 2.8	
5	330	1.7	21.3 +- 0.6; 3.2		17.3 +- 0.8; 4.9		18.2 +- 2.0	
6	1	1.7	21.1 +- 0.6; 3.2		17.0 +- 0.8; 4.8		17.0 +- 0.9	
7	23	2.0	19.4 +- 0.6; 2.9		15.2 +- 0.8; 4.6		17.1 +- 0.9	
8	77	0.7	21.0 +- 0.6; 3.1		17.0 +- 0.8; 4.8		17.8 +- 0.9	
9	85	1.4	22.6 +- 0.7; 3.4		18.8 +- 0.9; 5.0		18.7 +- 1.1	
10	98	1.5	20.8 +- 0.6; 3.1		16.8 +- 0.8; 4.8		17.3 +- 0.9	
11	121	2.0	20.4 +- 0.6; 3.1		16.2 +- 0.8; 4.7		18.5 +- 2.8	
12	140	2.0	20.8 +- 0.6; 3.1		16.7 +- 0.8; 4.8		18.4 +- 2.1	
13	158	2.5	21.3 +- 0.6; 3.2		17.3 +- 0.8; 4.9		17.8 +- 1.0	
14	183	3.7	20.7 +- 0.6; 3.1		16.7 +- 0.8; 4.8		19.1 +- 1.0	
15	188	1.7	22.7 +- 0.7; 3.4		18.9 +- 0.9; 5.0		18.5 +- 1.1	
16	202	0.7	20.8 +- 0.6; 3.1		16.8 +- 0.8; 4.8		17.4 +- 1.0	
17	237	0.7	22.0 +- 0.7; 3.3		18.1 +- 0.9; 4.9		19.1 +- 1.9	
18	312	11.0	22.1 +- 0.7; 3.3		18.2 +- 0.9; 5.0		17.8 +- 1.8	
19	292	10.0	20.7 +- 0.6; 3.1		16.6 +- 0.8; 4.8		17.6 +- 1.0	
20	268	9.0	20.8 +- 0.6; 3.1		16.7 +- 0.8; 4.8		18.1 +- 0.8	
21	247	8.0	21.0 +- 0.6; 3.1		17.0 +- 0.8; 4.8		20.1 +- 2.2	
22	225	8.0	21.1 +- 0.6; 3.2		17.1 +- 0.8; 4.8		17.6 +- 1.0	
23	220	8.0	22.8 +- 0.7; 3.4		19.0 +- 0.9; 5.0		19.3 +- 2.0	
24	205	5.5	19.9 +- 0.6; 3.0		15.7 +- 0.8; 4.7		16.6 +- 2.3	
25	157	4.0	23.8 +- 0.7; 3.6		20.1 +- 0.9; 5.2		20.4 +- 2.2	
26	134	5.0	20.0 +- 0.6; 3.0		15.9 +- 0.8; 4.7		16.1 +- 0.9	
27	115	4.2	22.3 +- 0.7; 3.3		18.4 +- 0.9; 5.0		20.8 +- 2.4	
28	95	3.5	22.9 +- 0.7; 3.4		19.1 +- 0.9; 5.1		20.7 +- 2.1	
29	67	3.4	22.4 +- 0.7; 3.4		18.6 +- 0.9; 5.0		19.4 +- 1.1	
30	48	4.5	20.5 +- 0.6; 3.1		16.4 +- 0.8; 4.8		16.7 +- 0.8	
31	14	6.5	22.0 +- 0.7; 3.3		18.1 +- 0.9; 4.9		18.9 +- 1.0	
32	2	5.1	23.5 +- 0.7; 3.5		19.8 +- 0.9; 5.1		18.7 +- 0.9	
33	335	3.6	21.2 +- 0.6; 3.2		17.1 +- 0.8; 4.8		16.2 +- 1.0	
34	288	4.3	21.3 +- 0.6; 3.2		17.3 +- 0.8; 4.9		18.9 +- 1.1	
35	310	5.2	22.0 +- 0.7; 3.3		18.1 +- 0.9; 4.9		18.7 +- 1.1	
36	264	3.2	17.0 +- 0.5; 2.6		12.5 +- 0.7; 4.3		14.4 +- 1.0	
37	237	3.0	21.6 +- 0.6; 3.2		17.6 +- 0.9; 4.9		19.6 +- 1.8	
38	270	15.0	19.1 +- 0.6; 2.9		14.8 +- 0.8; 4.6		16.3 +- 1.8	
39	270	15.0	17.9 +- 0.5; 2.7		13.5 +- 0.7; 4.4		16.5 +- 2.8	
40	203	20.0	22.1 +- 0.7; 3.3		18.2 +- 0.9; 5.0		18.4 +- 0.8	

Transit Dose = 6.1 +- 0.4; 2.8

CALLAWAY

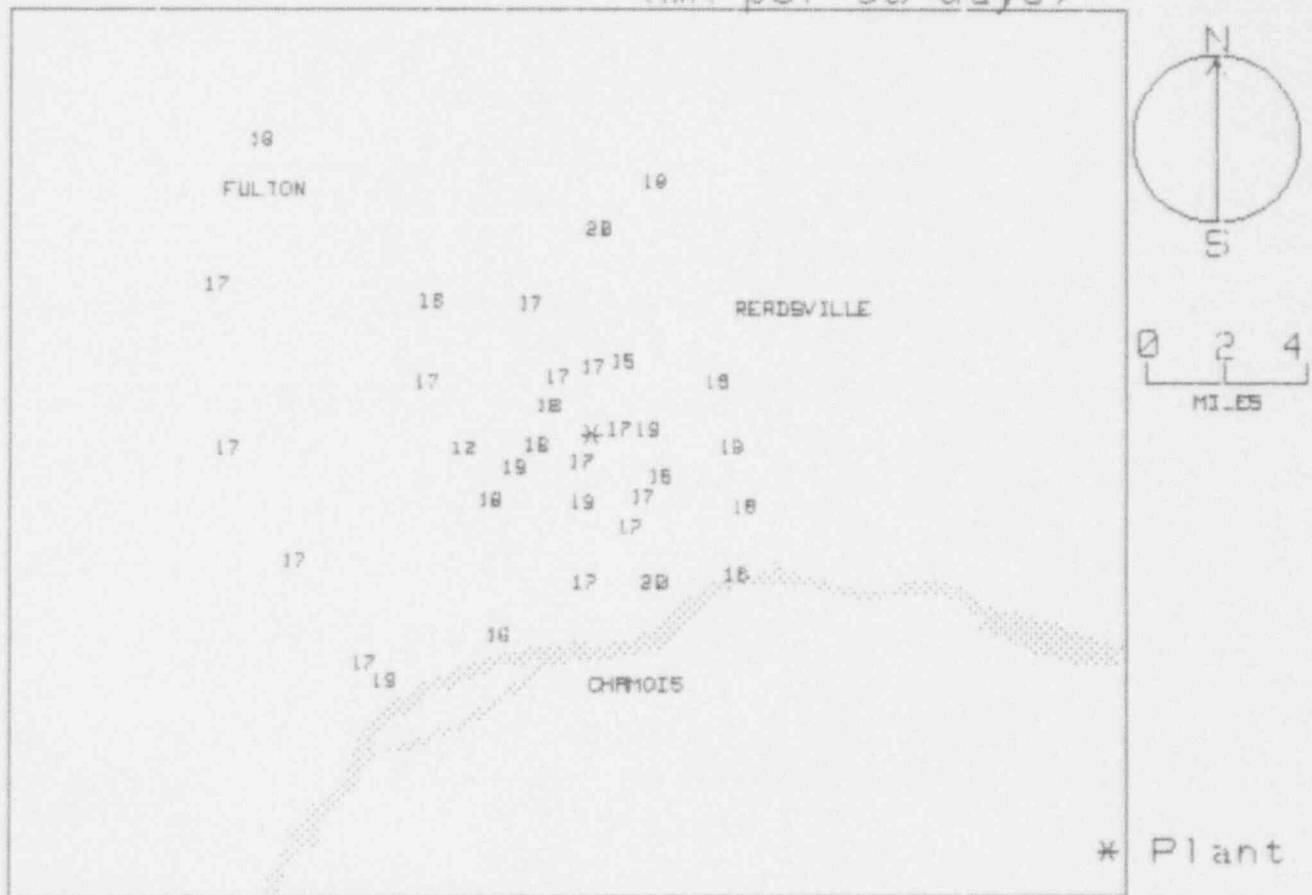
For the period 921207-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.4 +- 1.9	2
11.26 - 33.75 NNE	16.6 +- 2.1	2
33.76 - 56.25 NE	16.4 +- 0.0	1
56.26 - 78.75 ENE	17.8 +- 1.2	2
78.76 - 101.25 E	18.2 +- 1.3	3
101.26 - 123.75 ESE	17.3 +- 1.6	2
123.76 - 146.25 SE	16.3 +- 0.6	2
146.26 - 168.75 SSE	18.7 +- 2.0	2
168.76 - 191.25 S	17.8 +- 1.6	2
191.26 - 213.75 SSW	16.2 +- 0.8	2
213.76 - 236.25 SW	18.0 +- 1.3	2
236.26 - 258.75 WSW	18.0 +- 0.9	4
258.76 - 281.25 W	15.8 +- 3.0	3
281.26 - 303.75 WNW	16.8 +- 0.5	3
303.76 - 326.25 NW	18.2 +- 0.1	3
326.26 - 348.75 NNW	17.2 +- 0.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.3 +- 1.1	14
2 - 5	17.4 +- 1.9	13
> 5	17.6 +- 1.2	10
Upwind Control	15.5 +- 2.4	3

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



CALVERT CLIFFS

TLD Direct Radiation Environmental Monitoring

For the period 921209-930427 140 Days

Field Time: 99 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	275 1.5	15.6 +- 0.5; 2.3	12.9 +- 0.5; 3.4	12.9 +- 3.2
3	284 1.7	15.8 +- 0.5; 2.4	13.1 +- 0.5; 3.5	12.6 +- 2.9
4	323 2.4	17.9 +- 0.5; 2.7	15.0 +- 0.6; 3.7	12.8 +- 2.6
5	297 3.1	16.7 +- 0.5; 2.5	14.0 +- 0.5; 3.5	13.2 +- 3.1
6	324 4.7	16.3 +- 0.5; 2.4	13.6 +- 0.5; 3.5	13.2 +- 3.1
7	324 5.5	16.7 +- 0.5; 2.5	13.9 +- 0.5; 3.5	11.7 +- 2.7
8	256 6.1	13.8 +- 0.4; 2.1	11.3 +- 0.5; 3.3	11.2 +- 3.2
9	273 4.1	16.5 +- 0.5; 2.5	13.8 +- 0.5; 3.5	12.4 +- 2.7
10	253 3.7	17.6 +- 0.5; 2.6	14.8 +- 0.5; 3.6	13.9 +- 3.1
11	230 4.0	18.2 +- 0.5; 2.7	15.3 +- 0.6; 3.7	13.8 +- 2.8
12	243 1.3	18.0 +- 0.5; 2.7	15.1 +- 0.6; 3.7	13.4 +- 2.7
13	222 1.5	17.1 +- 0.5; 2.6	14.3 +- 0.5; 3.6	14.4 +- 3.3
14	208 1.8	15.8 +- 0.5; 2.4	13.1 +- 0.5; 3.5	11.2 +- 2.4
15	176 2.4	19.1 +- 0.6; 2.9	16.2 +- 0.6; 3.8	15.5 +- 3.5
16	160 1.5	20.1 +- 0.6; 3.0	17.0 +- 0.6; 3.9	14.8 +- 3.0
19	159 3.8	Damaged Dosimeter	No Net Data	13.2 +- 2.7
20	139 4.7	15.1 +- 0.5; 2.3	12.5 +- 0.5; 3.4	11.9 +- 2.9
21	201 4.0	17.6 +- 0.5; 2.6	14.8 +- 0.5; 3.6	12.7 +- 2.6
22	187 4.7	17.1 +- 0.5; 2.6	14.3 +- 0.5; 3.6	12.2 +- 2.4
23	201 8.7	18.1 +- 0.5; 2.7	15.2 +- 0.6; 3.7	13.1 +- 2.7
24	190 7.8	16.2 +- 0.5; 2.4	13.5 +- 0.5; 3.5	11.7 +- 2.4
25	325 6.7	17.2 +- 0.5; 2.6	14.4 +- 0.5; 3.6	12.4 +- 2.5
26	314 11.0	16.6 +- 0.5; 2.5	13.9 +- 0.5; 3.5	11.7 +- 2.4
27	314 11.0	16.8 +- 0.5; 2.5	14.0 +- 0.5; 3.6	12.0 +- 2.4
28	315 10.0	18.3 +- 0.5; 2.7	15.4 +- 0.6; 3.7	14.3 +- 3.2
29	186 12.0	18.8 +- 0.6; 2.8	15.9 +- 0.6; 3.7	14.3 +- 3.0

Transit Dose = 1.4 +- 0.3; 3.0

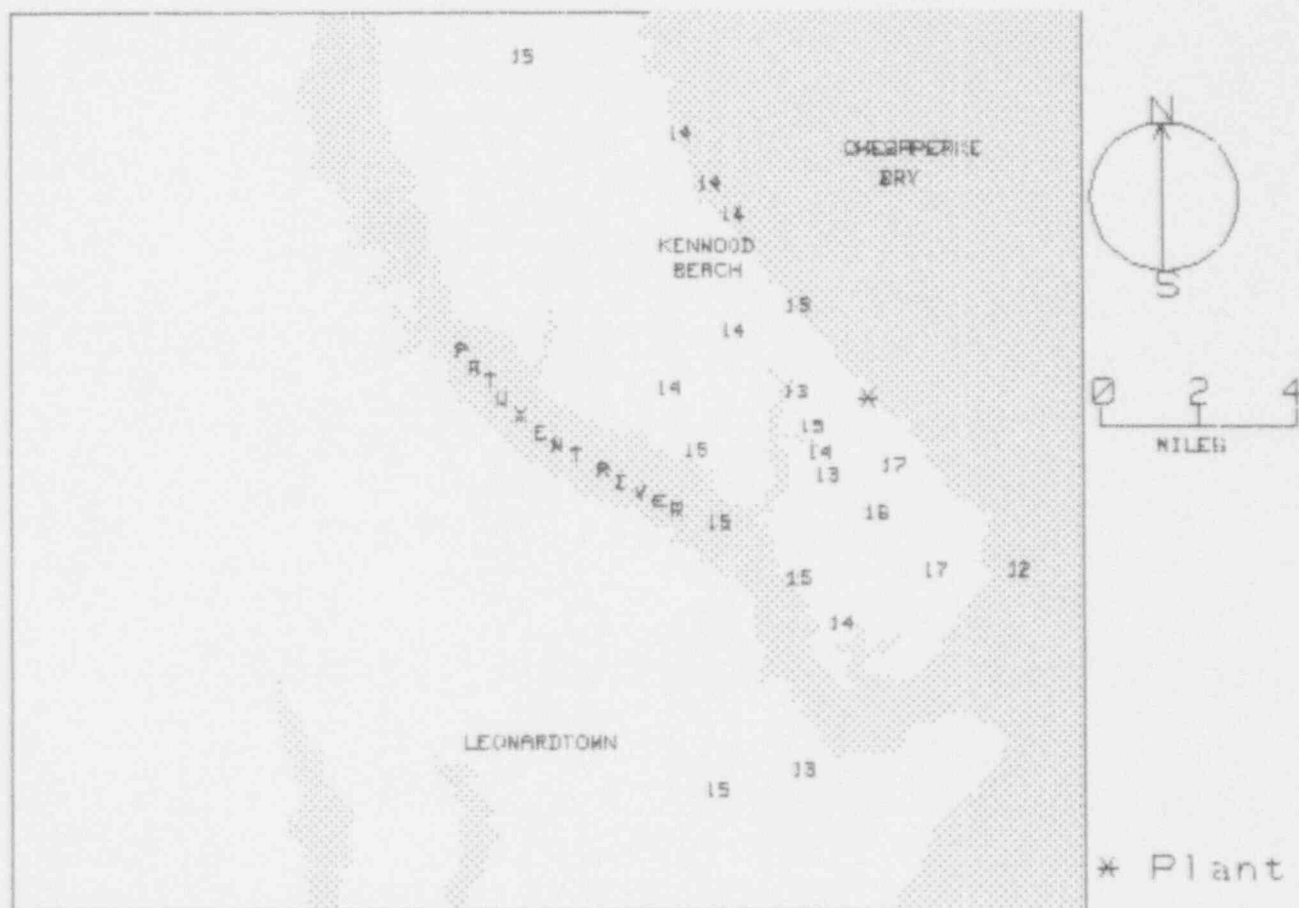
CALVERT CLIFFS
For the period 921209-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	12.5 +- 0.0	1
146.26 - 168.75 SSE	17.0 +- 0.0	1
168.76 - 191.25 S	15.0 +- 1.3	4
191.26 - 213.75 SSW	14.4 +- 1.1	3
213.76 - 236.25 SW	14.8 +- 0.7	2
236.26 - 258.75 WSW	13.7 +- 2.1	3
258.76 - 281.25 W	13.3 +- 0.6	2
281.26 - 303.75 WNW	13.5 +- 0.6	2
303.76 - 326.25 NW	14.2 +- 0.6	4
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.3 +- 1.6	6
2 - 5	14.4 +- 1.0	10
> 5	14.0 +- 1.6	6
Upwind Control	14.4 +- 0.8	3

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



CATAWBA

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 87 Days

NRC Sta	Location		Gross		Net Exposure Rate			Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.			Net Exp Rate +-1 Std Dev	
1	134	0.1	27.5 +- 0.8; 4.1		21.6 +- 1.0; 5.3			18.5 +- 3.7	
2	162	0.4	24.0 +- 0.7; 3.6		17.9 +- 0.9; 4.9			15.5 +- 3.1	
3	132	0.8	27.2 +- 0.8; 4.1		21.3 +- 0.9; 5.3			18.3 +- 3.5	
4	111	1.3	23.4 +- 0.7; 3.5		17.3 +- 0.8; 4.8			15.7 +- 2.8	
5	45	0.7	24.2 +- 0.7; 3.6		18.1 +- 0.9; 4.9			15.7 +- 2.5	
6	298	1.3	25.6 +- 0.8; 3.8		19.6 +- 0.9; 5.1			17.3 +- 3.0	
7	4	0.6	23.4 +- 0.7; 3.5		17.4 +- 0.8; 4.8			15.0 +- 3.1	
8	332	1.5	26.2 +- 0.8; 3.9		20.3 +- 0.9; 5.2			19.4 +- 3.2	
9	318	1.6	21.6 +- 0.6; 3.2		15.5 +- 0.8; 4.6			12.5 +- 3.1	
10	176	1.8	25.1 +- 0.8; 3.8		19.1 +- 0.9; 5.0			16.6 +- 3.3	
11	203	1.5	23.8 +- 0.7; 3.6		17.8 +- 0.9; 4.9			16.9 +- 2.8	
12	225	1.5	23.7 +- 0.7; 3.6		17.7 +- 0.9; 4.9			17.1 +- 3.3	
13	250	1.9	23.5 +- 0.7; 3.5		17.4 +- 0.8; 4.9			14.1 +- 3.5	
14	270	1.4	21.1 +- 0.6; 3.2		14.9 +- 0.8; 4.6			12.5 +- 3.1	
15	331	3.0	23.8 +- 0.7; 3.6		17.7 +- 0.9; 4.9			13.8 +- 3.4	
16	311	3.9	20.7 +- 0.6; 3.1		14.6 +- 0.8; 4.5			13.1 +- 3.3	
17	296	9.5	26.1 +- 0.8; 3.9		20.2 +- 0.9; 5.2			17.9 +- 3.0	
18	324	4.8	23.3 +- 0.7; 3.5		17.2 +- 0.8; 4.8			15.2 +- 3.5	
19	352	4.8	22.6 +- 0.7; 3.4		16.5 +- 0.8; 4.7			13.0 +- 3.2	
20	22	4.0	25.6 +- 0.8; 3.8		19.6 +- 0.9; 5.1			16.5 +- 3.3	
21	290	3.9	23.0 +- 0.7; 3.4		16.9 +- 0.8; 4.8			14.9 +- 2.9	
22	266	4.0	23.9 +- 0.7; 3.6		17.9 +- 0.9; 4.9			15.9 +- 3.1	
23	251	4.0	20.2 +- 0.6; 3.0		14.0 +- 0.8; 4.5			11.0 +- 3.3	
24	229	3.9	20.1 +- 0.6; 3.0		13.9 +- 0.8; 4.5			11.9 +- 3.3	
25	202	4.4	24.9 +- 0.7; 3.7		18.9 +- 0.9; 5.0			17.1 +- 2.7	
26	51	4.3	25.6 +- 0.8; 3.8		19.6 +- 0.9; 5.1			17.9 +- 2.8	
27	64	7.9	20.5 +- 0.6; 3.1		14.3 +- 0.8; 4.5			11.5 +- 2.9	
28	61	4.9	Missing Dosimeter		No Net Data			15.1 +- 3.1	
29	49	1.9	22.4 +- 0.7; 3.4		16.3 +- 0.8; 4.7			15.1 +- 4.0	
30	64	1.8	24.4 +- 0.7; 3.7		18.4 +- 0.9; 5.0			14.7 +- 2.9	
31	87	1.6	23.2 +- 0.7; 3.5		17.1 +- 0.8; 4.8			14.0 +- 3.0	
32	121	2.6	23.8 +- 0.7; 3.6		17.8 +- 0.9; 4.9			15.2 +- 3.0	
33	114	7.6	22.5 +- 0.7; 3.4		16.4 +- 0.8; 4.7			14.5 +- 3.3	
34	93	4.5	25.8 +- 0.8; 3.9		19.8 +- 0.9; 5.1			16.9 +- 3.5	
35	132	4.3	28.0 +- 0.8; 4.2		22.1 +- 1.0; 5.4			20.3 +- 3.0	
36	163	8.9	19.4 +- 0.6; 2.9		13.2 +- 0.7; 4.4			12.3 +- 2.9	
37	173	4.9	22.0 +- 0.7; 3.3		15.9 +- 0.8; 4.7			13.4 +- 2.6	
38	157	4.6	24.4 +- 0.7; 3.7		18.4 +- 0.9; 5.0			18.0 +- 2.5	
39	248	10.0	24.5 +- 0.7; 3.7		18.5 +- 0.9; 5.0			16.2 +- 3.7	
40	229	12.0	22.7 +- 0.7; 3.4		16.6 +- 0.8; 4.8			15.0 +- 2.6	
41	218	13.0	21.8 +- 0.7; 3.3		15.7 +- 0.8; 4.7			12.7 +- 3.5	
42	213	16.0	Missing Dosimeter		No Net Data			15.5 +- 2.5	

Transit Dose = 6.6 +- 0.4; 3.1

CATAWBA

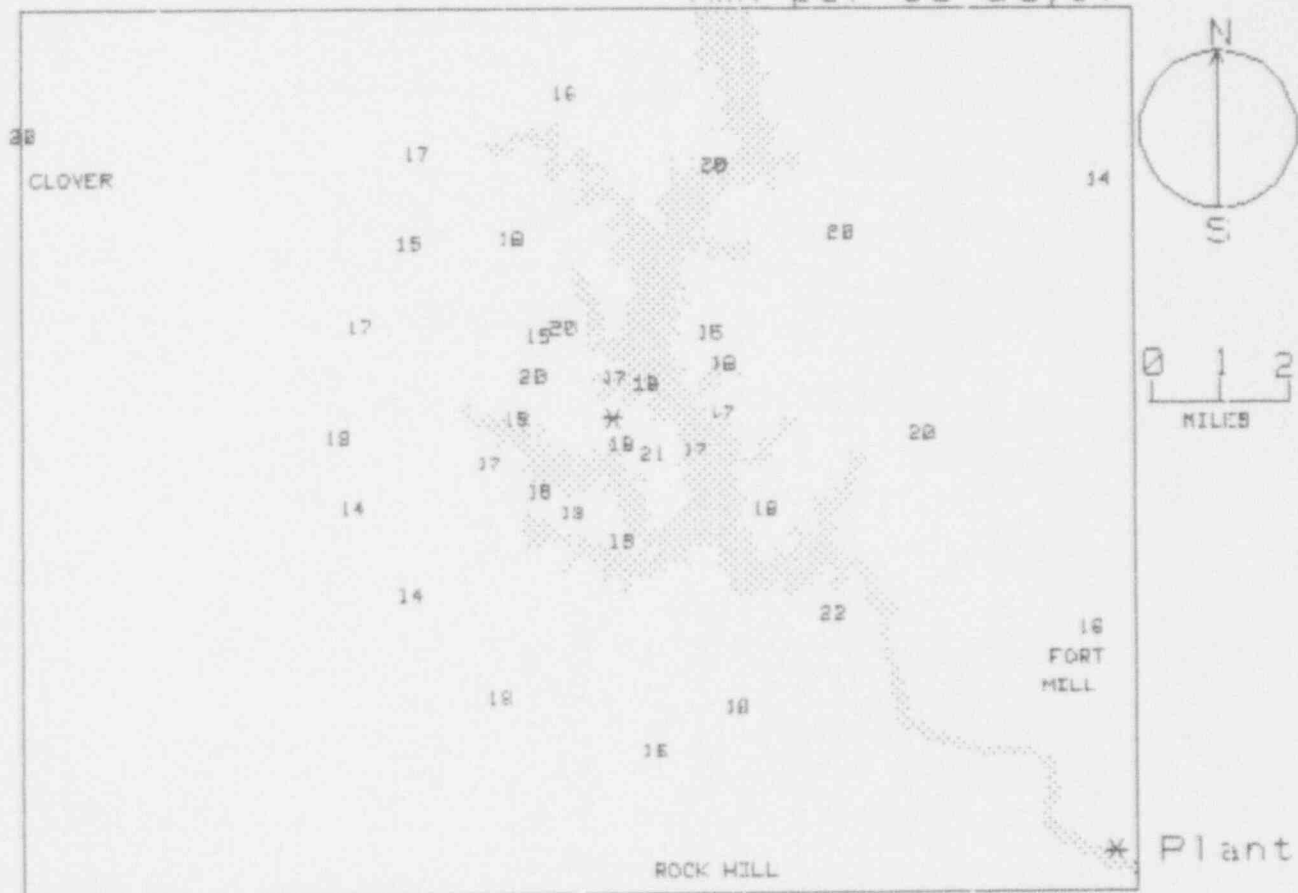
For the period 921208-930420

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 +- 0.6	2
11.26 - 33.75 NNE	19.6 +- 0.0	1
33.76 - 56.25 NE	18.0 +- 1.7	3
56.26 - 78.75 ENE	16.3 +- 2.9	2
78.76 - 101.25 E	18.4 +- 1.9	2
101.26 - 123.75 ESE	17.2 +- 0.7	3
123.76 - 146.25 SE	21.7 +- 0.4	3
146.26 - 168.75 SSE	16.5 +- 2.8	3
168.76 - 191.25 S	17.5 +- 2.3	2
191.26 - 213.75 SSW	18.4 +- 0.8	2
213.76 - 236.25 SW	15.8 +- 2.7	2
236.26 - 258.75 WSW	16.6 +- 2.3	3
258.76 - 281.25 W	16.4 +- 2.1	2
281.26 - 303.75 WNW	18.9 +- 1.7	3
303.76 - 326.25 NW	15.8 +- 1.4	3
326.26 - 348.75 NNW	19.0 +- 1.8	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.1 +- 1.8	17
2 - 5	17.6 +- 2.3	16
> 5	16.5 +- 2.9	5
Upwind Control	16.1 +- 0.7	2

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



CLINTON

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 Days

Field Time: 94 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev
=====	=====		=====		=====		=====
1	5	0.6	21.4	+- 0.6; 3.2	16.4	+- 0.7; 4.2	19.0 +- 2.5
2	40	0.7	22.0	+- 0.7; 3.3	17.1	+- 0.7; 4.3	18.7 +- 1.6
3	35	0.8	23.2	+- 0.7; 3.5	18.2	+- 0.7; 4.4	21.2 +- 1.9
4	163	0.5	21.1	+- 0.6; 3.2	16.2	+- 0.7; 4.2	19.5 +- 1.8
5	210	0.5	23.7	+- 0.7; 3.6	18.7	+- 0.8; 4.5	19.5 +- 1.9
6	223	0.6	21.8	+- 0.7; 3.3	16.8	+- 0.7; 4.3	19.6 +- 1.8
7	235	0.8	21.7	+- 0.7; 3.3	16.8	+- 0.7; 4.3	18.9 +- 1.6
8	62	1.9	Damaged Dosimeter		No Net Data		18.5 +- 1.6
9	78	1.8	21.6	+- 0.6; 3.2	16.6	+- 0.7; 4.3	18.5 +- 1.5
10	79	2.6	20.4	+- 0.6; 3.1	15.5	+- 0.7; 4.1	18.9 +- 2.0
11	100	2.3	22.1	+- 0.7; 3.3	17.1	+- 0.7; 4.3	18.5 +- 1.5
12	115	3.0	19.0	+- 0.6; 2.9	14.2	+- 0.6; 4.0	16.5 +- 1.9
13	127	3.2	22.0	+- 0.7; 3.3	17.0	+- 0.7; 4.3	18.6 +- 1.6
14	155	2.1	22.8	+- 0.7; 3.4	17.9	+- 0.7; 4.4	19.0 +- 1.6
15	185	3.0	21.3	+- 0.6; 3.2	16.4	+- 0.7; 4.2	19.4 +- 2.1
16	203	3.2	21.0	+- 0.6; 3.1	16.1	+- 0.7; 4.2	18.0 +- 1.7
17	230	3.7	22.3	+- 0.7; 3.3	17.4	+- 0.7; 4.3	17.9 +- 1.8
18	255	2.8	22.9	+- 0.7; 3.4	17.9	+- 0.7; 4.4	19.1 +- 1.7
19	275	2.3	22.9	+- 0.7; 3.4	17.9	+- 0.7; 4.4	18.5 +- 1.6
20	302	0.9	22.2	+- 0.7; 3.3	17.3	+- 0.7; 4.3	18.0 +- 1.6
21	336	0.8	22.5	+- 0.7; 3.4	17.5	+- 0.7; 4.4	17.9 +- 1.8
22	0	0.6	21.3	+- 0.6; 3.2	16.4	+- 0.7; 4.2	18.7 +- 2.0
23	358	4.6	21.7	+- 0.7; 3.3	16.8	+- 0.7; 4.3	19.2 +- 1.8
24	20	3.9	21.4	+- 0.6; 3.2	16.5	+- 0.7; 4.3	18.4 +- 1.7
25	46	5.0	22.5	+- 0.7; 3.4	17.5	+- 0.7; 4.4	19.0 +- 1.5
26	62	5.5	20.1	+- 0.6; 3.0	15.3	+- 0.7; 4.1	17.1 +- 1.6
27	90	4.8	21.2	+- 0.6; 3.2	16.3	+- 0.7; 4.2	17.7 +- 1.8
28	115	5.2	21.1	+- 0.6; 3.2	16.2	+- 0.7; 4.2	17.4 +- 1.5
29	128	5.1	21.4	+- 0.6; 3.2	16.5	+- 0.7; 4.3	18.3 +- 1.7
30	153	5.8	20.1	+- 0.6; 3.0	15.3	+- 0.7; 4.1	18.6 +- 1.7
31	173	5.2	21.1	+- 0.6; 3.2	16.2	+- 0.7; 4.2	18.0 +- 1.5
32	205	4.7	21.3	+- 0.6; 3.2	16.4	+- 0.7; 4.2	18.2 +- 1.7
33	238	6.1	21.0	+- 0.6; 3.2	16.1	+- 0.7; 4.2	18.3 +- 1.7
34	252	5.8	20.3	+- 0.6; 3.0	15.4	+- 0.7; 4.1	18.0 +- 2.3
35	260	6.6	18.5	+- 0.6; 2.8	13.7	+- 0.6; 4.0	15.1 +- 1.8
36	272	4.8	22.5	+- 0.7; 3.4	17.6	+- 0.7; 4.4	18.6 +- 1.7
37	288	4.8	20.5	+- 0.6; 3.1	15.6	+- 0.7; 4.2	17.6 +- 1.7
38	297	7.6	19.6	+- 0.6; 2.9	14.8	+- 0.7; 4.1	16.2 +- 1.6
39	315	5.1	20.2	+- 0.6; 3.0	15.4	+- 0.7; 4.1	18.6 +- 2.0
40	342	4.8	21.1	+- 0.6; 3.2	16.2	+- 0.7; 4.2	18.3 +- 1.5
41	65	12.0	21.0	+- 0.6; 3.1	16.1	+- 0.7; 4.2	17.9 +- 2.2
42	148	12.0	22.5	+- 0.7; 3.4	17.6	+- 0.7; 4.4	18.5 +- 2.0
43	148	12.0	22.3	+- 0.7; 3.3	17.4	+- 0.7; 4.3	18.9 +- 1.6
44	206	14.0	18.8	+- 0.6; 2.8	14.0	+- 0.6; 4.0	15.9 +- 1.6

Transit Dose = 4.2 +- 0.4; 3.1

CLINTON

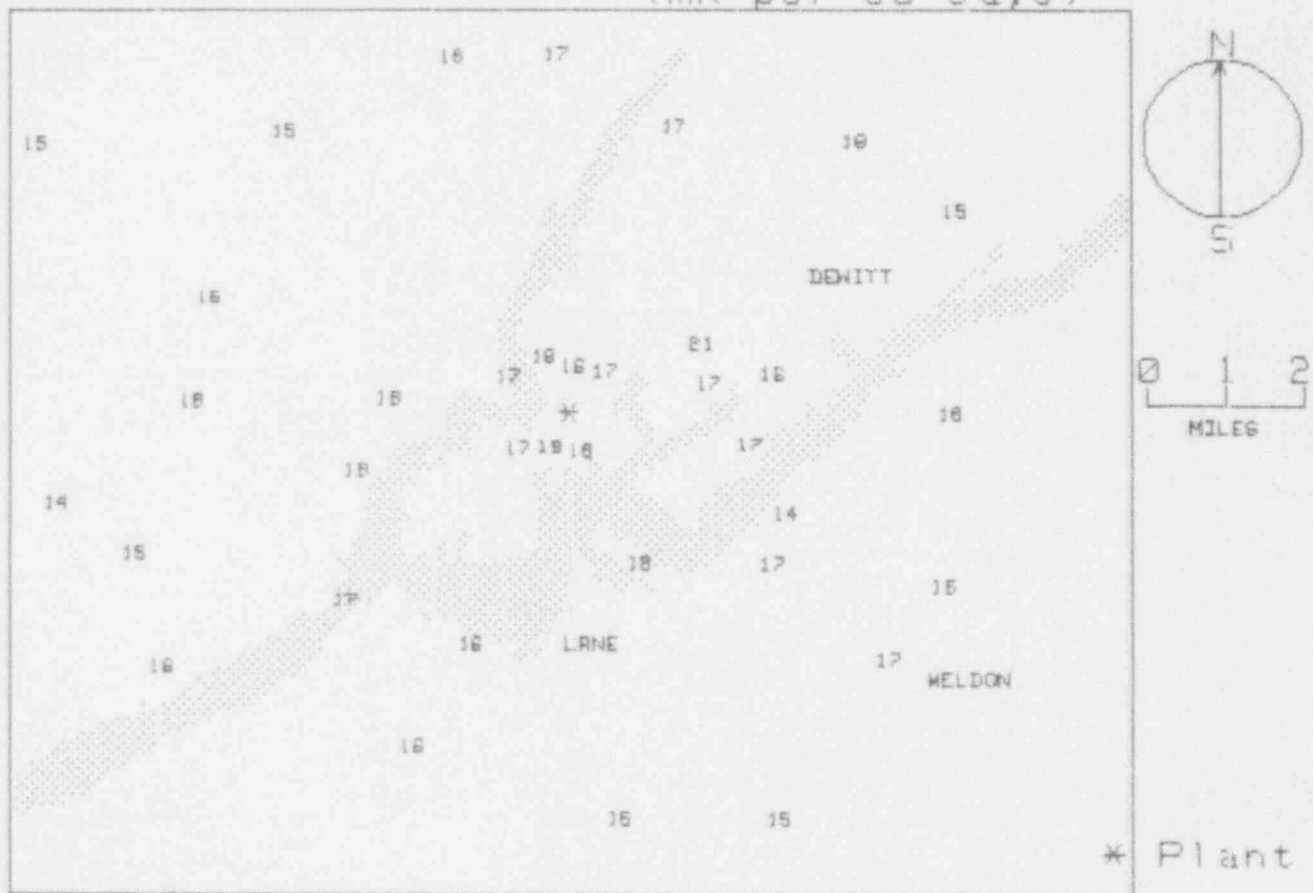
For the period 921207-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.6 +- 0.2	3
11.26 - 33.75 NNE	16.5 +- 0.0	1
33.76 - 56.25 NE	17.6 +- 0.6	3
56.26 - 78.75 ENE	16.0 +- 0.7	3
78.76 - 101.25 E	16.3 +- 0.8	3
101.26 - 123.75 ESE	15.2 +- 1.4	2
123.76 - 146.25 SE	16.8 +- 0.4	2
146.26 - 168.75 SSE	16.5 +- 1.3	3
168.76 - 191.25 S	16.3 +- 0.1	2
191.26 - 213.75 SSW	17.1 +- 1.4	3
213.76 - 236.25 SW	17.0 +- 0.3	3
236.26 - 258.75 WSW	16.5 +- 1.3	3
258.76 - 281.25 W	16.4 +- 2.3	3
281.26 - 303.75 WNW	15.9 +- 1.3	3
303.76 - 326.25 NW	15.4 +- 0.0	1
326.26 - 348.75 NNW	16.9 +- 1.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.1 +- 0.8	11
2 - 5	16.7 +- 1.0	18
> 5	15.5 +- 0.8	11
Upwind Control	16.3 +- 2.0	3

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



COMANCHE PEAK

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 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	306	1.4	20.6 +- 0.6; 3.1		15.6 +- 0.7; 4.2		15.2 +- 1.0	
2	285	1.5	20.7 +- 0.6; 3.1		15.7 +- 0.7; 4.2		15.5 +- 1.3	
3	268	1.1	18.5 +- 0.6; 2.8		13.6 +- 0.6; 4.0		14.3 +- 0.9	
4	253	0.9	20.6 +- 0.6; 3.1		15.5 +- 0.7; 4.2		15.4 +- 1.2	
5	218	1.0	20.2 +- 0.6; 3.0		15.2 +- 0.7; 4.2		15.7 +- 1.3	
6	200	1.0	19.9 +- 0.6; 3.0		14.9 +- 0.7; 4.1		13.4 +- 1.1	
7	180	1.4	19.3 +- 0.6; 2.9		14.4 +- 0.7; 4.1		13.8 +- 1.2	
8	163	1.6	22.4 +- 0.7; 3.4		17.3 +- 0.7; 4.4		15.7 +- 1.3	
9	140	1.3	21.1 +- 0.6; 3.2		16.1 +- 0.7; 4.3		15.5 +- 0.8	
10	118	1.5	19.8 +- 0.6; 3.0		14.8 +- 0.7; 4.1		13.5 +- 1.1	
11	93	1.9	18.5 +- 0.6; 2.8		13.6 +- 0.6; 4.0		14.7 +- 2.8	
12	73	2.4	21.5 +- 0.6; 3.2		16.5 +- 0.7; 4.3		17.2 +- 1.1	
13	245	1.7	18.7 +- 0.6; 2.8		13.8 +- 0.6; 4.0		14.0 +- 0.9	
14	156	4.3	18.5 +- 0.6; 2.8		13.5 +- 0.6; 4.0		13.8 +- 1.3	
15	186	7.0	20.1 +- 0.6; 3.0		15.1 +- 0.7; 4.2		14.9 +- 1.5	
16	183	4.1	18.5 +- 0.6; 2.8		13.5 +- 0.6; 4.0		16.1 +- 1.5	
17	205	4.3	20.2 +- 0.6; 3.0		15.2 +- 0.7; 4.2		15.3 +- 0.9	
18	225	3.4	16.3 +- 0.5; 2.4		11.4 +- 0.6; 3.8		12.9 +- 1.2	
19	245	5.2	19.7 +- 0.6; 3.0		14.7 +- 0.7; 4.1		15.4 +- 0.8	
20	264	5.8	Damaged Dosimeter		No Net Data		13.7 +- 0.9	
21	258	3.2	18.9 +- 0.6; 2.8		13.9 +- 0.7; 4.0		13.6 +- 1.1	
22	284	5.1	19.0 +- 0.6; 2.8		14.0 +- 0.7; 4.1		13.3 +- 1.1	
23	313	5.8	20.1 +- 0.6; 3.0		15.1 +- 0.7; 4.2		14.9 +- 1.0	
24	332	4.9	19.9 +- 0.6; 3.0		14.9 +- 0.7; 4.1		14.2 +- 1.0	
25	9	4.6	19.6 +- 0.6; 2.9		14.6 +- 0.7; 4.1		14.9 +- 1.4	
26	26	4.5	20.5 +- 0.6; 3.1		15.5 +- 0.7; 4.2		14.5 +- 1.2	
27	47	4.1	19.5 +- 0.6; 2.9		14.5 +- 0.7; 4.1		14.2 +- 1.1	
28	6	1.8	21.0 +- 0.6; 3.2		16.0 +- 0.7; 4.3		14.8 +- 1.1	
29	16	1.9	20.2 +- 0.6; 3.0		15.2 +- 0.7; 4.2		14.5 +- 1.2	
30	102	3.0	20.1 +- 0.6; 3.0		15.2 +- 0.7; 4.2		15.5 +- 1.4	
31	108	3.9	20.6 +- 0.6; 3.1		15.6 +- 0.7; 4.2		14.9 +- 1.5	
32	135	4.6	21.6 +- 0.6; 3.2		16.6 +- 0.7; 4.3		15.5 +- 1.4	
33	152	6.3	19.2 +- 0.6; 2.9		14.3 +- 0.7; 4.1		13.6 +- 1.1	
34	47	2.9	20.1 +- 0.6; 3.0		15.1 +- 0.7; 4.2		13.3 +- 1.5	
35	85	4.8	19.8 +- 0.6; 3.0		14.8 +- 0.7; 4.1		15.1 +- 1.5	
36	115	7.5	20.9 +- 0.6; 3.1		15.9 +- 0.7; 4.2		15.0 +- 1.4	
37	355	9.4	19.2 +- 0.6; 2.9		14.3 +- 0.7; 4.1		14.6 +- 2.8	
38	337	9.2	18.3 +- 0.6; 2.8		13.4 +- 0.6; 4.0		14.2 +- 1.4	
39	310	9.9	19.4 +- 0.6; 2.9		14.4 +- 0.7; 4.1		14.5 +- 1.5	
40	302	8.1	18.3 +- 0.5; 2.7		13.3 +- 0.6; 4.0		13.8 +- 1.6	
41	248	7.9	20.7 +- 0.6; 3.1		15.7 +- 0.7; 4.2		15.9 +- 1.3	
42	90	0.5	20.2 +- 0.6; 3.0		15.2 +- 0.7; 4.2		13.8 +- 1.6	
43	18	9.8	19.1 +- 0.6; 2.9		14.1 +- 0.7; 4.1		15.0 +- 1.5	
44	263	1.7	21.1 +- 0.6; 3.2		16.1 +- 0.7; 4.3		13.1 +- 1.5	
45	218	12.0	18.6 +- 0.6; 2.8		13.7 +- 0.6; 4.0		15.0 +- 1.5	
46	140	12.0	19.7 +- 0.6; 3.0		14.7 +- 0.7; 4.1		14.7 +- 1.4	
47	301	21.0	18.7 +- 0.6; 2.8		13.8 +- 0.6; 4.0		14.7 +- 1.4	

Transit Dose = 4.5 +- 0.4; 3.1

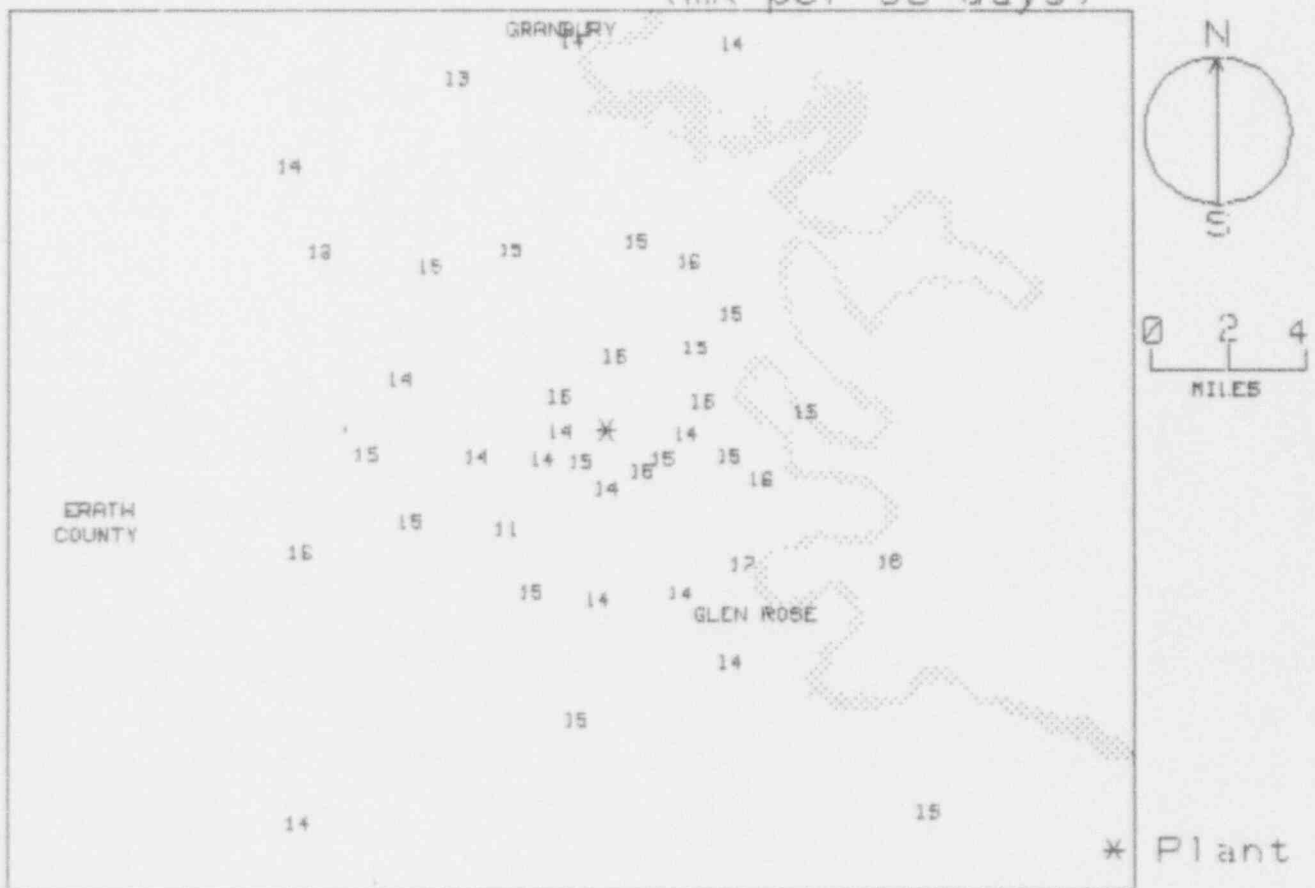
COMANCHE PEAK
For the period 921206-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.0 +- 0.9	3
11.26 - 33.75 NNE	14.9 +- 0.7	3
33.76 - 56.25 NE	14.8 +- 0.4	2
56.26 - 78.75 ENE	16.5 +- 0.0	1
78.76 - 101.25 E	14.5 +- 0.8	3
101.26 - 123.75 ESE	15.4 +- 0.5	4
123.76 - 146.25 SE	15.8 +- 1.0	3
146.26 - 168.75 SSE	15.0 +- 2.0	3
168.76 - 191.25 S	14.3 +- 0.8	3
191.26 - 213.75 SSW	15.1 +- 0.2	2
213.76 - 236.25 SW	13.4 +- 1.9	3
236.26 - 258.75 WSW	14.7 +- 0.9	5
258.76 - 281.25 W	14.9 +- 1.8	2
281.26 - 303.75 WNW	14.2 +- 1.0	4
303.76 - 326.25 NW	15.0 +- 0.6	3
326.26 - 348.75 NNW	14.2 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.2 +- 1.0	16
2 - 5	14.7 +- 1.3	15
> 5	14.4 +- 0.8	15
Upwind Control	No Data +- No Data	0

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



COOPER

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 Days

Field Time: 108 Days

WRC 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	363 2.4	27.0 +- 0.8; 4.1	15.4 +- 0.8; 4.7	19.3 +- 3.9
2	6 3.5	29.2 +- 0.9; 4.4	17.2 +- 0.9; 4.9	20.8 +- 3.5
3	18 2.7	28.3 +- 0.9; 4.3	16.5 +- 0.8; 4.8	21.3 +- 3.5
4	16 3.2	28.6 +- 0.9; 4.3	16.7 +- 0.8; 4.8	21.3 +- 3.3
5	47 1.9	29.0 +- 0.9; 4.3	17.0 +- 0.8; 4.9	21.1 +- 3.4
6	40 3.6	27.5 +- 0.8; 4.1	15.8 +- 0.8; 4.7	20.4 +- 3.5
7	75 2.7	26.3 +- 0.8; 3.9	14.8 +- 0.8; 4.6	20.5 +- 3.6
8	55 2.8	27.6 +- 0.8; 4.1	15.9 +- 0.8; 4.7	20.5 +- 3.6
9	80 2.1	29.6 +- 0.9; 4.4	17.6 +- 0.9; 4.9	21.9 +- 3.5
10	98 3.7	Damaged Dosimeter	No Net Data	20.2 +- 3.4
11	118 2.3	28.8 +- 0.9; 4.3	16.9 +- 0.8; 4.8	21.7 +- 3.4
12	109 4.6	28.6 +- 0.9; 4.3	16.7 +- 0.8; 4.8	21.7 +- 3.2
13	141 3.2	29.2 +- 0.9; 4.4	17.2 +- 0.9; 4.9	21.3 +- 3.2
14	126 5.6	27.4 +- 0.8; 4.1	15.7 +- 0.8; 4.7	19.1 +- 2.7
15	159 2.7	28.8 +- 0.9; 4.3	16.9 +- 0.8; 4.8	20.4 +- 3.6
16	167 4.9	30.3 +- 0.9; 4.5	18.1 +- 0.9; 5.0	21.4 +- 3.7
17	205 0.3	29.0 +- 0.9; 4.3	17.0 +- 0.8; 4.9	20.8 +- 3.1
18	186 4.7	29.6 +- 0.9; 4.4	17.5 +- 0.9; 4.9	21.9 +- 3.6
19	213 3.0	29.5 +- 0.9; 4.4	17.4 +- 0.9; 4.9	20.8 +- 3.3
20	195 4.9	29.5 +- 0.9; 4.4	17.4 +- 0.9; 4.9	21.9 +- 3.3
21	222 2.0	27.9 +- 0.8; 4.2	16.1 +- 0.8; 4.8	19.7 +- 3.2
22	215 5.7	29.4 +- 0.9; 4.4	17.3 +- 0.9; 4.9	22.0 +- 3.0
23	256 1.5	29.8 +- 0.9; 4.5	17.7 +- 0.9; 4.9	21.4 +- 3.4
24	238 5.2	28.8 +- 0.9; 4.3	16.9 +- 0.8; 4.8	21.8 +- 3.8
25	276 2.2	Missing Dosimeter	No Net Data	22.0 +- 3.1
26	260 3.8	30.0 +- 0.9; 4.5	17.9 +- 0.9; 5.0	22.0 +- 3.1
27	301 1.8	30.2 +- 0.9; 4.5	18.0 +- 0.9; 5.0	21.6 +- 3.1
28	286 4.3	29.9 +- 0.9; 4.5	17.8 +- 0.9; 4.9	21.3 +- 3.6
29	324 2.8	29.4 +- 0.9; 4.4	17.3 +- 0.9; 4.9	20.8 +- 3.8
30	333 3.7	29.7 +- 0.9; 4.5	17.6 +- 0.9; 4.9	21.4 +- 3.5
31	343 2.6	30.1 +- 0.9; 4.5	18.0 +- 0.9; 5.0	21.5 +- 3.1
32	333 3.7	30.4 +- 0.9; 4.6	18.2 +- 0.9; 5.0	21.0 +- 3.5
33	215 1.0	29.0 +- 0.9; 4.3	17.0 +- 0.8; 4.9	21.7 +- 3.7
34	175 18.0	31.2 +- 0.9; 4.7	18.9 +- 0.9; 5.1	22.2 +- 3.8
35	333 23.0	29.5 +- 0.9; 4.4	17.4 +- 0.9; 4.9	20.2 +- 3.5
36	210 19.0	29.8 +- 0.9; 4.5	17.7 +- 0.9; 4.9	21.3 +- 3.6
37	64 7.0	35.0 +- 1.1; 5.3	22.0 +- 1.0; 5.4	24.6 +- 4.4
38	329 9.0	Missing Dosimeter	No Net Data	23.1 +- 3.3
39	273 10.0	29.1 +- 0.9; 4.4	17.1 +- 0.8; 4.9	20.6 +- 3.9
40	300 2.5	31.0 +- 0.9; 4.7	18.7 +- 0.9; 5.1	23.7 +- 3.3
42	93 3.5	28.3 +- 0.8; 4.2	16.4 +- 0.8; 4.8	20.6 +- 3.4
43	270 2.2	29.1 +- 0.9; 4.4	17.1 +- 0.8; 4.9	21.5 +- 3.5

Transit Dose = 8.6 +- 0.5; 3.9

COOPER

For the period 921206-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.2 +- 0.0	1
11.26 - 33.75 NNE	16.6 +- 0.2	2
33.76 - 56.25 NE	16.2 +- 0.7	3
56.26 - 78.75 ENE	18.4 +- 5.1	2
78.76 - 101.25 E	17.0 +- 0.8	2
101.26 - 123.75 ESE	16.8 +- 0.2	2
123.76 - 146.25 SE	16.4 +- 1.1	2
146.26 - 168.75 SSE	17.5 +- 0.9	2
168.76 - 191.25 S	17.5 +- 0.0	1
191.26 - 213.75 SSW	17.3 +- 0.2	3
213.76 - 236.25 SW	16.8 +- 0.6	3
236.26 - 258.75 WSW	17.3 +- 0.6	2
258.76 - 281.25 W	17.4 +- 0.5	3
281.26 - 303.75 WNW	18.2 +- 0.5	3
303.76 - 326.25 NW	17.3 +- 0.0	1
326.26 - 348.75 NNW	17.9 +- 0.3	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.1 +- 0.7	6
2 - 5	17.1 +- 0.9	25
> 5	17.8 +- 2.5	5
Upwind Control	18.0 +- 0.8	3

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



CRYSTAL RIVER

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 104 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
6	61 4.2	14.0 +- 0.4; 2.1	12.1 +- 0.4; 3.2	13.0 +- 4.9
7	50 3.8	14.6 +- 0.4; 2.2	12.6 +- 0.4; 3.2	12.9 +- 4.8
8	20 5.2	13.9 +- 0.4; 2.1	12.0 +- 0.4; 3.2	13.7 +- 4.6
9	6 5.4	15.8 +- 0.5; 2.4	13.7 +- 0.5; 3.3	15.7 +- 5.2
10	348 5.0	16.1 +- 0.5; 2.4	14.0 +- 0.5; 3.3	14.8 +- 4.8
11	334 4.8	14.2 +- 0.4; 2.1	12.3 +- 0.4; 3.2	14.3 +- 4.8
12	318 4.8	14.3 +- 0.4; 2.1	12.4 +- 0.4; 3.2	13.8 +- 5.3
13	79 3.8	15.2 +- 0.5; 2.3	13.1 +- 0.4; 3.3	14.2 +- 5.0
14	95 4.1	14.2 +- 0.4; 2.1	12.3 +- 0.4; 3.2	13.9 +- 5.1
15	89 1.8	17.9 +- 0.5; 2.7	15.5 +- 0.5; 3.5	16.0 +- 5.0
16	113 5.0	Damaged Dosimeter	No Net Data	13.3 +- 5.2
17	133 5.5	17.1 +- 0.5; 2.6	14.8 +- 0.5; 3.4	14.7 +- 5.3
18	74 8.1	15.0 +- 0.5; 2.3	13.0 +- 0.4; 3.3	13.2 +- 5.1
19	127 7.6	14.4 +- 0.4; 2.2	12.5 +- 0.4; 3.2	13.8 +- 4.9
20	150 12.0	13.1 +- 0.4; 2.0	11.4 +- 0.4; 3.1	12.9 +- 4.9
21	159 13.0	14.5 +- 0.4; 2.2	12.5 +- 0.4; 3.2	14.3 +- 5.2
22	150 13.0	14.8 +- 0.4; 2.2	12.8 +- 0.4; 3.2	13.6 +- 5.3
23	150 21.0	17.7 +- 0.5; 2.7	15.3 +- 0.5; 3.5	14.3 +- 5.5
24	150 21.0	13.7 +- 0.4; 2.1	11.9 +- 0.4; 3.2	12.8 +- 5.1
25	56 6.1	Missing Dosimeter	No Net Data	15.6 +- 5.5
26	357 5.2	14.9 +- 0.4; 2.2	12.9 +- 0.4; 3.2	14.6 +- 4.8
27	90 13.0	14.9 +- 0.4; 2.2	12.9 +- 0.4; 3.2	13.9 +- 5.2
28	140 4.8	14.7 +- 0.4; 2.2	12.7 +- 0.4; 3.2	14.4 +- 5.0

Transit Dose = 0.0 +- 0.2; 3.0

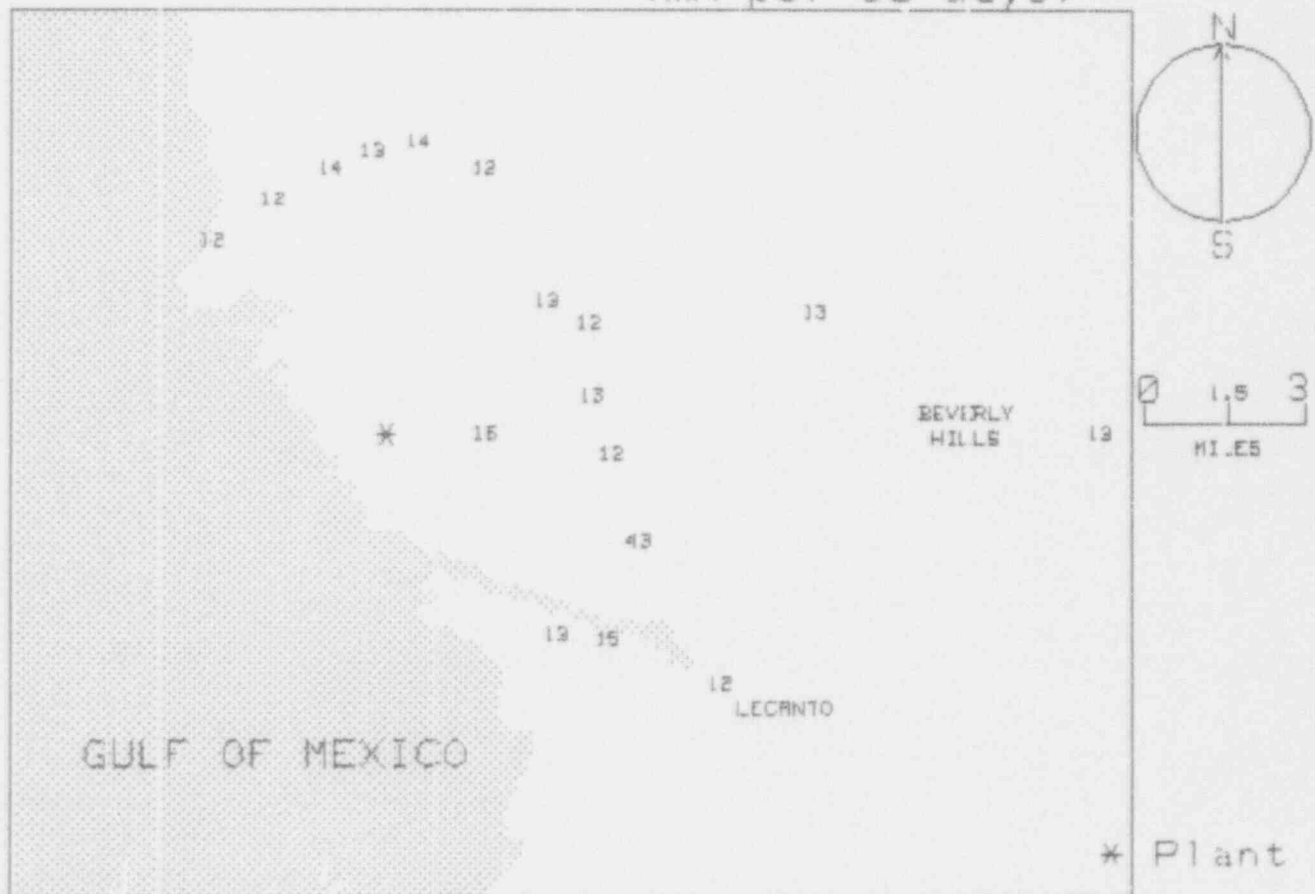
CRYSTAL RIVER
For the period 921208-930420

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 +- 0.6	2
11.26 - 33.75 NNE	12.0 +- 0.0	1
33.76 - 56.25 NE	12.6 +- 0.0	1
56.26 - 78.75 ENE	12.6 +- 0.7	2
78.76 - 101.25 E	13.5 +- 1.4	4
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	13.3 +- 1.3	3
146.26 - 168.75 SSE	11.9 +- 0.8	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	12.4 +- 0.0	1
326.26 - 348.75 NNW	13.1 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.5 +- 0.0	1
2 - 5	12.7 +- 0.6	8
> 5	12.8 +- 1.0	9
Upwind Control	13.3 +- 1.8	3

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



DAVIS BESSE

TLD Direct Radiation Environmental Monitoring

For the period 921207-930421 136 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	50 0.6	15.4 +- 0.5; 2.3	11.5 +- 0.6; 3.7	12.3 +- 1.8
2	86 0.9	17.1 +- 0.5; 2.6	13.2 +- 0.6; 3.9	13.7 +- 2.2
3	116 1.4	16.5 +- 0.5; 2.5	12.6 +- 0.6; 3.8	13.0 +- 2.1
4	172 0.8	19.3 +- 0.6; 2.9	15.4 +- 0.7; 4.1	16.3 +- 2.7
5	200 1.5	23.1 +- 0.7; 3.5	19.2 +- 0.8; 4.5	19.1 +- 2.4
6	226 1.0	19.5 +- 0.6; 2.9	15.6 +- 0.7; 4.1	16.4 +- 2.2
7	249 1.5	Missing Dosimeter	No Net Data	17.1 +- 2.1
8	267 1.8	18.8 +- 0.6; 2.8	14.9 +- 0.6; 4.0	17.7 +- 2.4
9	285 1.8	21.0 +- 0.6; 3.2	17.1 +- 0.7; 4.3	17.5 +- 2.2
10	306 1.5	17.6 +- 0.5; 2.6	13.8 +- 0.6; 3.9	15.2 +- 2.2
11	344 0.9	18.3 +- 0.6; 2.8	14.5 +- 0.6; 4.0	14.4 +- 1.7
12	142 4.5	21.9 +- 0.7; 3.3	18.0 +- 0.7; 4.4	18.0 +- 2.1
13	158 4.0	22.9 +- 0.7; 3.4	19.0 +- 0.8; 4.5	19.2 +- 2.3
14	180 3.8	19.0 +- 0.6; 2.8	15.1 +- 0.7; 4.0	16.1 +- 1.9
15	207 4.8	20.8 +- 0.6; 3.1	16.9 +- 0.7; 4.2	17.2 +- 2.3
16	225 4.5	21.0 +- 0.6; 3.1	17.1 +- 0.7; 4.3	17.3 +- 2.2
17	254 2.7	25.0 +- 0.7; 3.7	21.0 +- 0.8; 4.7	20.6 +- 2.4
18	269 3.0	21.2 +- 0.6; 3.2	17.3 +- 0.7; 4.3	17.7 +- 2.2
19	295 5.3	23.5 +- 0.7; 3.5	19.5 +- 0.8; 4.5	19.3 +- 2.5
20	25 0.5	14.9 +- 0.4; 2.2	11.1 +- 0.6; 3.7	12.6 +- 2.2
21	132 9.7	19.6 +- 0.6; 2.9	15.7 +- 0.7; 4.1	16.9 +- 2.1
22	210 6.5	18.7 +- 0.6; 2.8	14.8 +- 0.6; 4.0	17.9 +- 3.8

Transit Dose = 3.7 +- 0.3; 2.9

DAVIS BESS

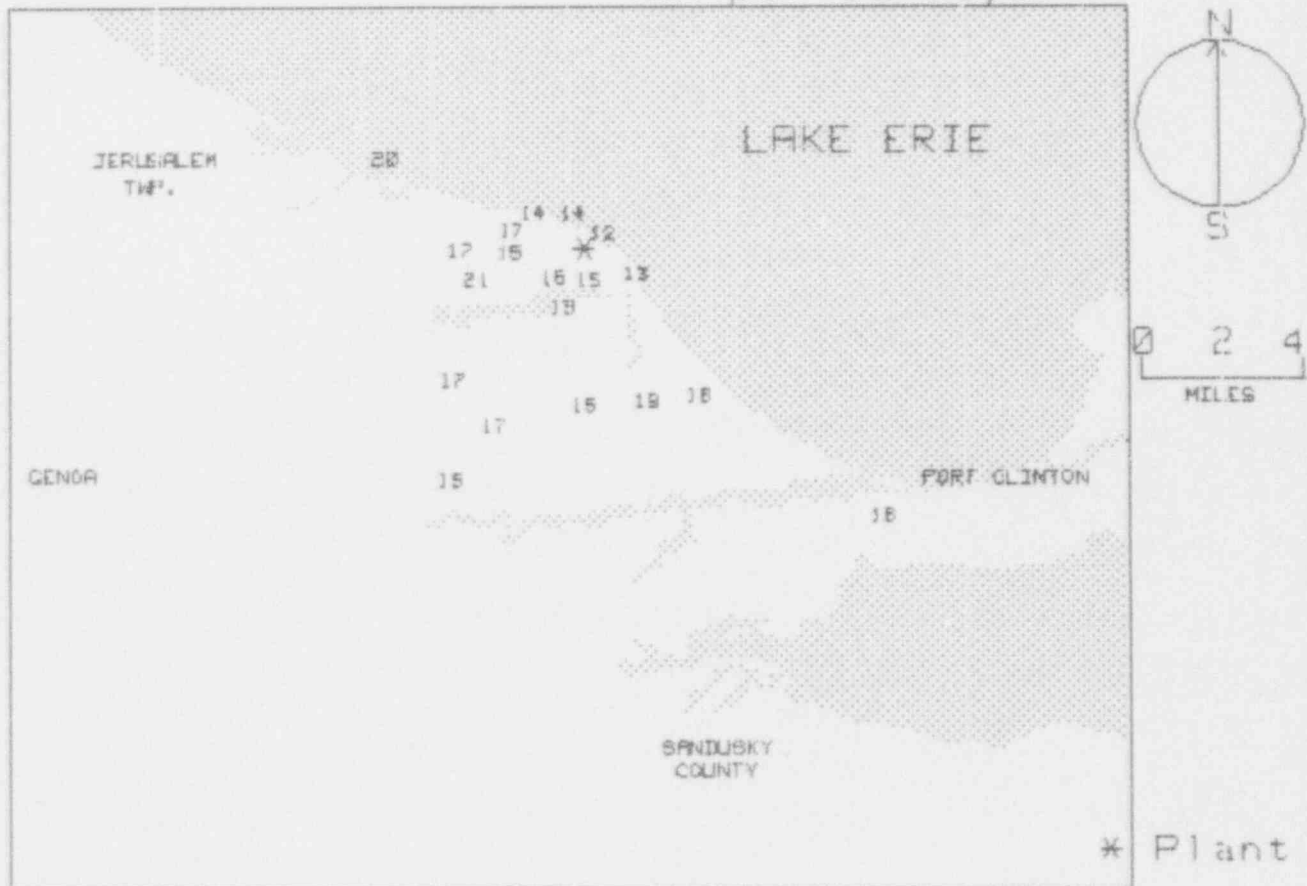
For the period 921207-930421

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	11.1 +- 0.0	1
33.76 - 56.25 NE	11.5 +- 0.0	1
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	13.2 +- 0.0	1
101.26 - 123.75 ESE	12.6 +- 0.0	1
123.76 - 146.25 SE	18.0 +- 0.0	1
146.26 - 168.75 SSE	19.0 +- 0.0	1
168.76 - 191.25 S	15.3 +- 0.2	2
191.26 - 213.75 SSW	18.1 +- 1.6	2
213.76 - 236.25 SW	16.3 +- 1.0	2
236.26 - 258.75 WSW	21.0 +- 0.0	1
258.76 - 281.25 W	16.1 +- 1.7	2
281.26 - 303.75 WNW	18.3 +- 1.7	2
303.76 - 326.25 NW	13.8 +- 0.0	1
326.26 - 348.75 NNW	14.5 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.4 +- 2.4	11
2 - 5	17.8 +- 1.9	7
> 5	19.5 +- 0.0	1
Upwind Control	15.3 +- 0.7	2

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



DC COOK

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 Days

Field Time: 94 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	54 1.7	17.8 +- 0.5; 2.7	13.0 +- 0.6; 3.9	14.7 +- 2.3
2	67 1.3	18.7 +- 0.6; 2.8	13.9 +- 0.6; 4.0	16.9 +- 2.5
3	89 1.1	17.3 +- 0.5; 2.6	12.6 +- 0.6; 3.8	13.8 +- 2.6
4	58 0.7	16.2 +- 0.5; 2.4	11.5 +- 0.6; 3.7	14.0 +- 2.6
5	19 2.3	17.5 +- 0.5; 2.6	12.8 +- 0.6; 3.9	14.5 +- 2.4
6	111 1.6	Missing Dosimeter	No Net Data	14.4 +- 2.4
7	135 1.5	17.9 +- 0.5; 2.7	13.1 +- 0.6; 3.9	14.2 +- 2.6
8	158 1.4	18.3 +- 0.5; 2.7	13.5 +- 0.6; 3.9	16.4 +- 2.6
9	171 1.9	16.7 +- 0.5; 2.5	12.0 +- 0.6; 3.8	13.7 +- 2.2
10	199 1.5	17.3 +- 0.5; 2.6	12.6 +- 0.6; 3.8	14.2 +- 2.4
11	195 3.9	17.7 +- 0.5; 2.7	12.9 +- 0.6; 3.9	14.2 +- 2.6
12	200 6.6	17.8 +- 0.5; 2.7	13.1 +- 0.6; 3.9	15.0 +- 2.5
13	179 3.9	Missing Dosimeter	No Net Data	17.2 +- 2.6
14	151 4.4	21.9 +- 0.7; 3.3	17.0 +- 0.7; 4.3	18.1 +- 2.6
15	130 4.6	20.9 +- 0.6; 3.1	16.0 +- 0.7; 4.2	18.2 +- 2.3
16	110 3.7	19.1 +- 0.6; 2.9	14.3 +- 0.6; 4.0	15.7 +- 2.2
17	88 3.6	17.5 +- 0.5; 2.6	12.8 +- 0.6; 3.9	15.1 +- 2.2
18	67 3.8	Missing Dosimeter	No Net Data	15.5 +- 2.6
19	24 3.8	17.3 +- 0.5; 2.6	12.6 +- 0.6; 3.8	14.3 +- 2.4
20	43 3.3	18.5 +- 0.6; 2.8	13.7 +- 0.6; 4.0	16.9 +- 3.1
21	26 9.9	20.5 +- 0.6; 3.1	15.6 +- 0.7; 4.2	18.2 +- 4.5
22	121 18.0	19.2 +- 0.6; 2.9	14.4 +- 0.6; 4.0	14.9 +- 2.3
23	121 18.0	19.4 +- 0.6; 2.9	14.6 +- 0.7; 4.0	15.2 +- 2.7
24	121 18.0	Missing Dosimeter	No Net Data	17.2 +- 2.7

Transit Dose = 4.2 +- 0.4; 3.1

DC COOK

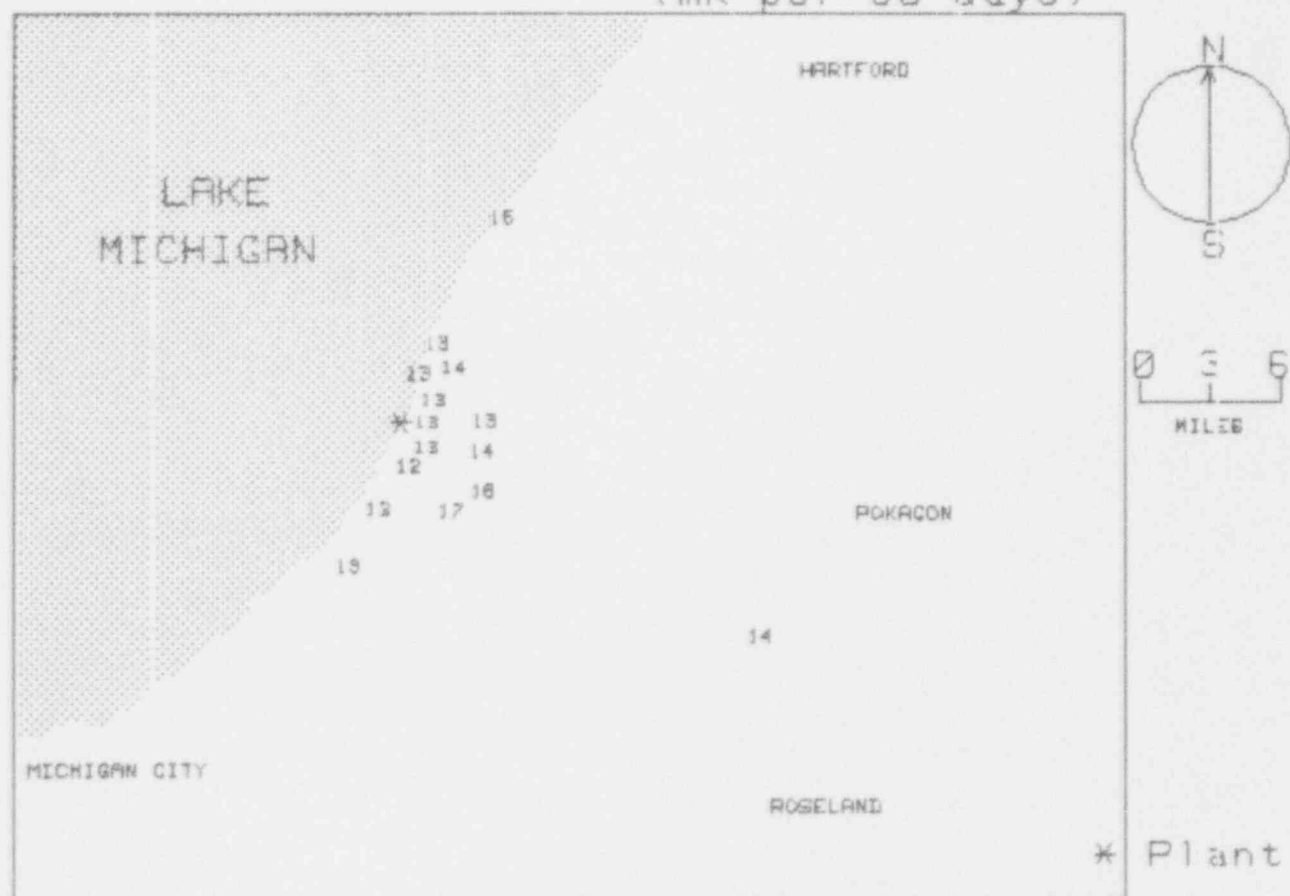
For the period 921207-930415

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	13.7 +- 1.7	3
33.76 - 56.25 NE	13.4 +- 0.5	2
56.26 - 78.75 ENE	12.7 +- 1.7	2
78.76 - 101.25 E	12.7 +- 0.1	2
101.26 - 123.75 ESE	14.3 +- 0.0	1
123.76 - 146.25 SE	14.6 +- 2.1	2
146.26 - 168.75 SSE	15.2 +- 2.5	2
168.76 - 191.25 S	12.0 +- 0.0	1
191.26 - 213.75 SSW	12.9 +- 0.3	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.8 +- 0.8	8
2 - 5	14.0 +- 1.7	8
> 5	14.3 +- 1.8	2
Upwind Control	14.5 +- 0.1	2

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



DIABLO CANYON

TLD Direct Radiation Environmental Monitoring

For the period 921206-930415 131 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	132 0.9	29.1 +- 0.9; 4.4	23.9 +- 0.9; 5.3	23.2 +- 1.7
2	119 3.9	26.2 +- 0.8; 3.9	21.0 +- 0.9; 4.9	21.1 +- 1.6
3	107 7.2	24.3 +- 0.7; 3.7	19.1 +- 0.8; 4.7	19.7 +- 1.6
4	111 10.3	22.9 +- 0.7; 3.4	17.7 +- 0.8; 4.6	18.8 +- 1.7
5	115 13.9	24.5 +- 0.7; 3.7	19.3 +- 0.8; 4.7	20.0 +- 1.8
6	68 9.4	22.6 +- 0.7; 3.4	17.4 +- 0.8; 4.5	18.3 +- 1.8
7	359 11.1	19.5 +- 0.6; 2.9	14.3 +- 0.7; 4.2	16.4 +- 2.5
8	359 6.6	18.6 +- 0.6; 2.8	13.5 +- 0.7; 4.1	14.6 +- 1.5
9	339 4.8	18.2 +- 0.5; 2.7	13.0 +- 0.7; 4.1	13.6 +- 1.5
10	327 3.6	17.8 +- 0.5; 2.7	12.6 +- 0.6; 4.0	14.9 +- 2.6
11	325 1.2	18.2 +- 0.5; 2.7	13.1 +- 0.7; 4.1	14.6 +- 1.8
12	36 20.7	25.5 +- 0.8; 3.8	20.3 +- 0.8; 4.8	21.0 +- 1.5
13	36 20.7	24.0 +- 0.7; 3.6	18.8 +- 0.8; 4.7	20.9 +- 2.1
14	36 20.7	26.5 +- 0.8; 4.0	21.3 +- 0.9; 5.0	21.2 +- 1.7

Transit Dose = 5.0 +- 0.4; 3.1

DIABLO CANYON

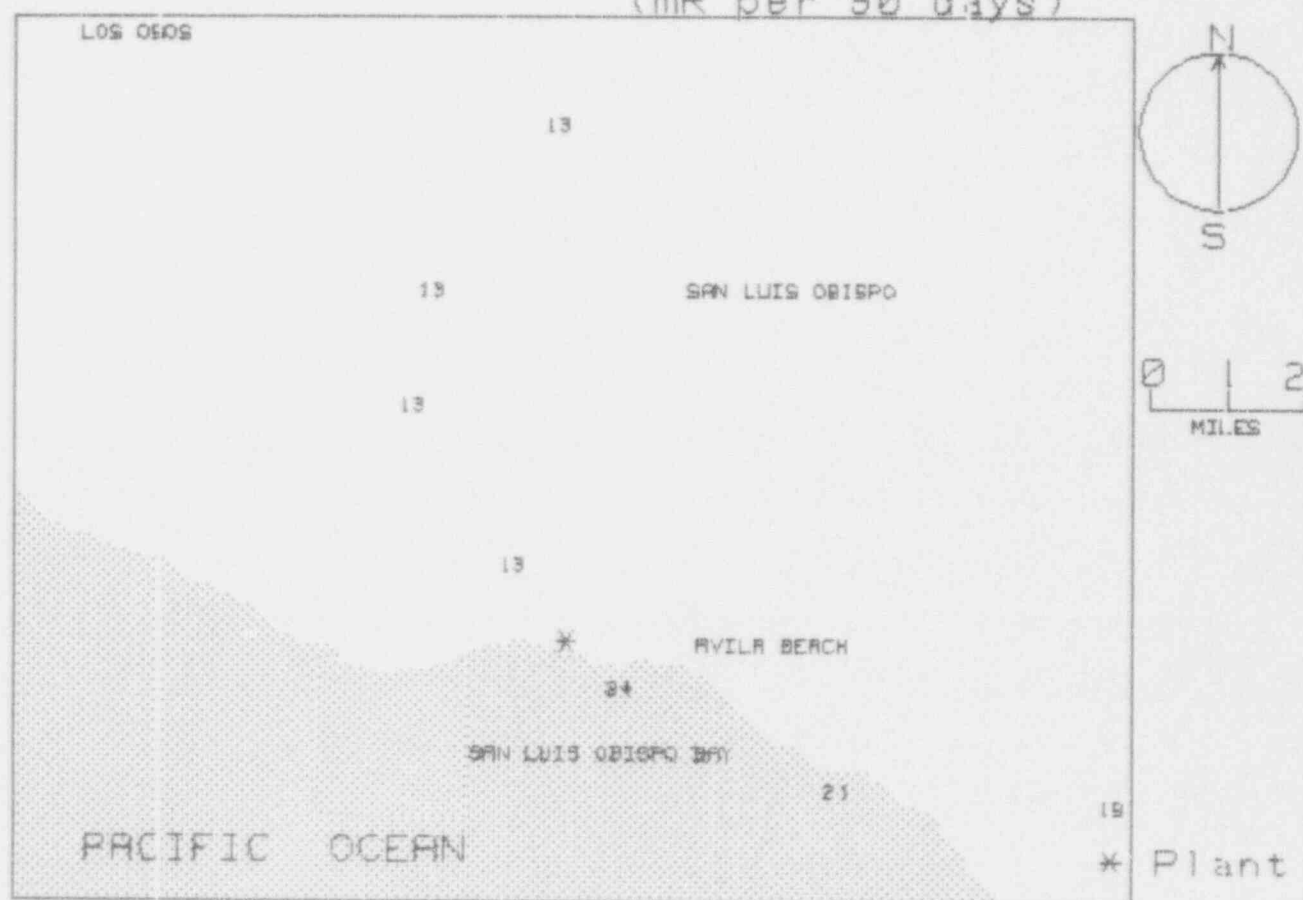
For the period 921206-930415

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 +- 0.6	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	17.4 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	19.3 +- 1.3	4
123.76 - 146.25 SE	23.9 +- 0.0	1
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	13.1 +- 0.0	1
326.26 - 348.75 NNW	12.8 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.5 +- 7.6	2
2 - 5	15.5 +- 4.7	3
> 5	16.9 +- 2.4	6
Upwind Control	20.1 +- 1.2	3

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



DRESDEN

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 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	70 4.2	19.8 +- 0.6; 3.0	16.2 +- 0.7; 4.3	17.1 +- 2.9
2	76 3.9	18.5 +- 0.6; 2.8	14.8 +- 0.7; 4.2	16.8 +- 3.3
3	108 3.2	19.9 +- 0.6; 3.0	16.3 +- 0.7; 4.4	17.5 +- 2.7
4	142 1.3	18.9 +- 0.6; 2.8	15.2 +- 0.7; 4.2	14.3 +- 3.0
5	115 1.5	16.8 +- 0.5; 2.5	13.0 +- 0.6; 4.0	14.5 +- 2.6
6	180 1.9	19.1 +- 0.6; 2.9	15.5 +- 0.7; 4.3	17.6 +- 3.2
7	179 0.5	19.1 +- 0.6; 2.9	15.5 +- 0.7; 4.3	16.7 +- 2.7
8	180 0.7	17.8 +- 0.5; 2.7	14.1 +- 0.7; 4.1	14.5 +- 2.5
9	253 0.5	22.9 +- 0.7; 3.4	19.5 +- 0.8; 4.7	17.9 +- 2.9
10	254 1.3	24.2 +- 0.7; 3.6	20.9 +- 0.9; 4.9	23.6 +- 4.3
11	250 1.5	17.6 +- 0.5; 2.6	13.9 +- 0.7; 4.1	15.1 +- 3.1
12	263 2.1	21.5 +- 0.6; 3.2	18.1 +- 0.8; 4.5	18.0 +- 2.7
13	180 4.0	17.9 +- 0.5; 2.7	14.2 +- 0.7; 4.1	13.8 +- 2.6
14	158 4.8	17.3 +- 0.5; 2.6	13.6 +- 0.7; 4.1	15.2 +- 2.4
15	137 4.2	18.3 +- 0.5; 2.7	14.7 +- 0.7; 4.2	15.4 +- 2.9
16	134 8.4	18.6 +- 0.6; 2.8	15.0 +- 0.7; 4.2	14.9 +- 2.6
17	189 7.4	18.6 +- 0.6; 2.8	14.9 +- 0.7; 4.2	15.9 +- 2.7
18	203 4.1	16.9 +- 0.5; 2.5	13.1 +- 0.6; 4.0	13.8 +- 3.1
19	231 4.0	Missing Dosimeter	No Net Data	18.7 +- 3.3
20	244 6.4	20.1 +- 0.6; 3.0	16.6 +- 0.7; 4.4	16.1 +- 3.2
21	258 8.6	19.3 +- 0.6; 2.9	15.7 +- 0.7; 4.3	17.0 +- 2.7
22	269 4.4	18.4 +- 0.6; 2.8	14.8 +- 0.7; 4.2	14.6 +- 2.7
23	301 3.5	20.1 +- 0.6; 3.0	16.6 +- 0.7; 4.4	15.0 +- 1.7
24	311 3.9	19.7 +- 0.6; 3.0	16.2 +- 0.7; 4.3	16.0 +- 3.0
25	340 4.7	Missing Dosimeter	No Net Data	18.9 +- 3.1
26	7 4.4	18.4 +- 0.6; 2.8	14.8 +- 0.7; 4.2	15.8 +- 2.8
27	355 2.0	22.3 +- 0.7; 3.3	18.9 +- 0.8; 4.6	20.5 +- 3.1
28	327 1.7	23.5 +- 0.7; 3.5	20.1 +- 0.8; 4.8	20.9 +- 2.9
29	318 1.4	20.1 +- 0.6; 3.0	16.5 +- 0.7; 4.4	18.2 +- 3.3
30	295 2.0	16.9 +- 0.5; 2.5	13.1 +- 0.6; 4.0	15.7 +- 3.4
31	30 1.5	22.1 +- 0.7; 3.3	18.7 +- 0.8; 4.6	19.5 +- 3.2
32	48 1.9	23.1 +- 0.7; 3.5	19.8 +- 0.8; 4.7	20.8 +- 3.2
33	76 1.4	21.5 +- 0.6; 3.2	18.1 +- 0.8; 4.5	19.2 +- 3.2
34	90 1.4	19.8 +- 0.6; 3.0	16.3 +- 0.7; 4.3	17.9 +- 3.7
35	26 4.5	20.0 +- 0.6; 3.0	16.4 +- 0.7; 4.4	17.7 +- 3.0
36	42 3.6	18.4 +- 0.6; 2.8	14.7 +- 0.7; 4.2	16.1 +- 3.1
37	52 11.5	18.7 +- 0.6; 2.8	15.1 +- 0.7; 4.2	17.1 +- 3.4
38	274 21.5	21.3 +- 0.6; 3.2	17.8 +- 0.8; 4.5	17.8 +- 3.4
39	274 21.5	Damaged Dosimeter	No Net Data	17.7 +- 3.2
40	275 21.5	21.1 +- 0.6; 3.2	17.6 +- 0.8; 4.5	19.2 +- 3.7

Transit Dose = 4.5 +- 0.3; 2.8

DRESDEN

For the period 921207-930415

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 +- 2.9	2
11.26 - 33.75 NNE	17.6 +- 1.6	2
33.76 - 56.25 NE	16.5 +- 2.8	3
56.26 - 78.75 ENE	16.4 +- 1.6	3
78.76 - 101.25 E	16.3 +- 0.0	1
101.26 - 123.75 ESE	14.7 +- 2.3	2
123.76 - 146.25 SE	15.0 +- 0.3	3
146.26 - 168.75 SSE	13.6 +- 0.0	1
168.76 - 191.25 S	14.9 +- 0.7	5
191.26 - 213.75 SSW	13.1 +- 0.0	1
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	17.3 +- 2.9	5
258.76 - 281.25 W	16.4 +- 2.3	2
281.26 - 303.75 WNW	14.9 +- 2.4	2
303.76 - 326.25 NW	16.4 +- 0.2	2
326.26 - 348.75 NNW	20.1 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.8 +- 2.6	16
2 - 5	15.3 +- 1.3	14
> 5	15.5 +- 0.7	5
Upwind Control	17.7 +- 0.1	2

MAP FOR DRESDEN

Map will be provided for this site in the future.

DUANE ARNOLD

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 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	19.3 +- 0.6; 2.9	15.9 +- 0.6; 4.0	16.5 +- 2.1
2	170 6.2	21.2 +- 0.6; 3.2	17.7 +- 0.7; 4.2	18.7 +- 2.0
3	180 3.5	17.5 +- 0.5; 2.6	14.1 +- 0.6; 3.8	15.5 +- 1.4
4	216 2.9	21.9 +- 0.7; 3.3	18.4 +- 0.7; 4.3	18.7 +- 2.4
5	201 2.5	17.6 +- 0.5; 2.6	14.2 +- 0.6; 3.9	15.2 +- 1.8
6	213 1.0	19.4 +- 0.6; 2.9	16.0 +- 0.7; 4.0	17.0 +- 1.9
7	248 1.0	21.9 +- 0.7; 3.3	18.4 +- 0.7; 4.3	18.8 +- 2.1
8	279 1.0	20.4 +- 0.6; 3.1	17.0 +- 0.7; 4.1	18.5 +- 2.0
9	298 1.0	21.7 +- 0.6; 3.2	18.2 +- 0.7; 4.3	19.5 +- 2.5
10	320 1.5	21.6 +- 0.6; 3.2	18.1 +- 0.7; 4.3	18.6 +- 2.3
11	343 1.0	22.4 +- 0.7; 3.4	18.9 +- 0.7; 4.3	19.4 +- 2.3
12	359 1.2	20.1 +- 0.6; 3.0	16.7 +- 0.7; 4.1	18.3 +- 2.0
13	237 0.5	19.6 +- 0.6; 2.9	16.1 +- 0.7; 4.0	17.5 +- 2.1
14	259 3.9	18.9 +- 0.6; 2.8	15.5 +- 0.6; 4.0	18.0 +- 2.2
15	272 5.0	18.6 +- 0.6; 2.8	15.1 +- 0.6; 3.9	15.1 +- 1.8
16	285 5.0	18.7 +- 0.6; 2.8	15.2 +- 0.6; 4.0	16.8 +- 1.9
17	308 4.5	21.1 +- 0.6; 3.2	17.7 +- 0.7; 4.2	18.8 +- 2.3
18	340 4.5	18.8 +- 0.6; 2.8	15.4 +- 0.6; 4.0	15.6 +- 1.6
19	291 15.0	20.3 +- 0.6; 3.0	16.8 +- 0.7; 4.1	17.0 +- 1.8
20	291 15.0	20.5 +- 0.6; 3.1	17.0 +- 0.7; 4.1	17.9 +- 2.2
21	291 15.0	19.7 +- 0.6; 3.0	16.3 +- 0.7; 4.1	16.5 +- 1.9
22	358 6.1	18.5 +- 0.6; 2.8	15.1 +- 0.6; 3.9	15.8 +- 1.7
23	7 2.9	17.9 +- 0.5; 2.7	14.4 +- 0.6; 3.9	15.2 +- 1.9
24	28 3.0	22.4 +- 0.7; 3.4	18.9 +- 0.7; 4.4	18.6 +- 2.2
25	39 3.5	19.8 +- 0.6; 3.0	16.4 +- 0.7; 4.1	17.2 +- 1.8
26	64 3.8	20.1 +- 0.6; 3.0	16.6 +- 0.7; 4.1	17.7 +- 1.8
27	50 1.9	18.2 +- 0.5; 2.7	14.8 +- 0.6; 3.9	15.6 +- 1.8
28	72 2.3	20.6 +- 0.6; 3.1	17.1 +- 0.7; 4.2	17.2 +- 1.6
29	91 3.0	18.9 +- 0.6; 2.8	15.5 +- 0.6; 4.0	15.5 +- 1.8
30	93 1.8	21.8 +- 0.7; 3.3	18.3 +- 0.7; 4.3	19.0 +- 1.8
31	113 2.0	22.3 +- 0.7; 3.3	18.8 +- 0.7; 4.3	19.1 +- 1.9
32	141 1.6	17.7 +- 0.5; 2.6	14.2 +- 0.6; 3.9	15.5 +- 1.8
33	153 1.5	19.9 +- 0.6; 3.0	16.5 +- 0.7; 4.1	17.6 +- 2.0
34	177 1.2	Missing Dosimeter	No Net Data	15.8 +- 2.6
35	153 4.2	18.5 +- 0.6; 2.8	15.1 +- 0.6; 3.9	15.0 +- 1.8
36	135 4.1	18.4 +- 0.6; 2.8	15.0 +- 0.6; 3.9	16.5 +- 1.8
37	111 4.6	22.2 +- 0.7; 3.3	18.6 +- 0.7; 4.3	18.7 +- 1.9
38	123 5.1	21.9 +- 0.7; 3.3	18.4 +- 0.7; 4.3	18.6 +- 2.0
39	132 7.0	18.8 +- 0.6; 2.8	15.3 +- 0.6; 4.0	15.8 +- 1.7
40	139 7.6	20.7 +- 0.6; 3.1	17.2 +- 0.7; 4.2	16.5 +- 1.7

Transit Dose = 3.1 +- 0.3; 2.9

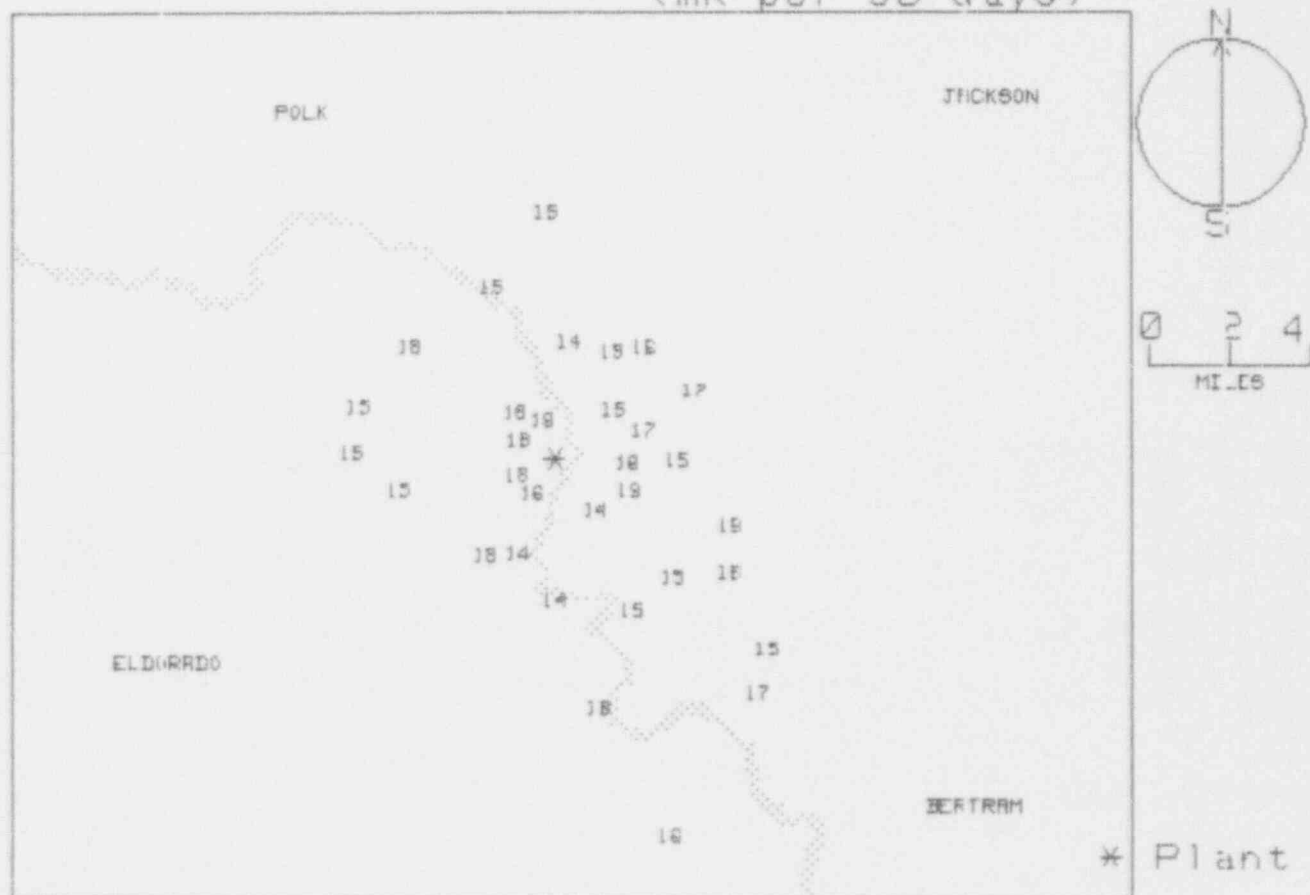
DUANE ARNOLD
For the period 921207-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.4 +- 1.1	3
11.26 - 33.75 NNE	18.9 +- 0.0	1
33.76 - 56.25 NE	15.6 +- 1.1	2
56.26 - 78.75 ENE	16.9 +- 0.3	2
78.76 - 101.25 E	16.9 +- 2.0	2
101.26 - 123.75 ESE	18.6 +- 0.2	3
123.76 - 146.25 SE	15.4 +- 1.3	4
146.26 - 168.75 SSE	15.8 +- 0.7	3
168.76 - 191.25 S	15.9 +- 2.6	2
191.26 - 213.75 SSW	15.1 +- 1.2	2
213.76 - 236.25 SW	18.4 +- 0.0	1
236.26 - 258.75 WSW	17.3 +- 1.6	2
258.76 - 281.25 W	15.8 +- 1.0	3
281.26 - 303.75 WNW	16.7 +- 2.1	2
303.76 - 326.25 NW	17.9 +- 0.3	2
326.26 - 348.75 NNW	17.1 +- 2.5	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.1 +- 1.5	13
2 - 5	16.1 +- 1.6	17
> 5	16.6 +- 1.3	6
Upwind Control	16.7 +- 0.4	3

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



FARLEY

TLD Direct Radiation Environmental Monitoring

For the period 921208-930421 135 Days

Field Time: 83 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	268 15.0	17.3 +- 0.5; 2.6	11.2 +- 0.7; 4.3	14.7 +- 2.4
2	252 7.8	18.0 +- 0.5; 2.7	11.9 +- 0.7; 4.4	14.9 +- 2.5
3	217 6.1	20.0 +- 0.6; 3.0	14.1 +- 0.8; 4.6	15.9 +- 2.1
4	155 5.7	24.3 +- 0.7; 3.6	18.8 +- 0.9; 5.1	18.7 +- 2.3
5	170 5.1	19.8 +- 0.6; 3.0	13.9 +- 0.8; 4.6	15.8 +- 2.1
6	197 4.5	18.8 +- 0.6; 2.8	12.8 +- 0.8; 4.5	14.8 +- 2.1
7	191 2.4	20.6 +- 0.6; 3.1	14.8 +- 0.8; 4.7	18.7 +- 2.3
8	200 1.8	19.5 +- 0.6; 2.9	13.5 +- 0.8; 4.6	15.9 +- 2.3
9	220 1.2	17.6 +- 0.5; 2.6	11.5 +- 0.7; 4.4	14.3 +- 2.2
10	254 0.9	20.4 +- 0.6; 3.1	14.5 +- 0.8; 4.7	16.3 +- 2.1
11	300 0.9	20.6 +- 0.6; 3.1	14.7 +- 0.8; 4.7	16.2 +- 2.1
12	319 1.1	20.3 +- 0.6; 3.0	14.4 +- 0.8; 4.7	16.6 +- 2.4
13	338 1.3	19.2 +- 0.6; 2.9	13.3 +- 0.8; 4.5	14.8 +- 2.1
14	256 1.2	19.1 +- 0.6; 2.9	13.1 +- 0.8; 4.5	15.3 +- 2.2
15	16 1.3	23.8 +- 0.7; 3.6	18.2 +- 0.9; 5.1	20.6 +- 2.1
16	264 1.6	19.1 +- 0.6; 2.9	13.2 +- 0.8; 4.5	15.3 +- 2.1
17	253 3.5	20.4 +- 0.6; 3.1	14.6 +- 0.8; 4.7	17.4 +- 2.1
18	233 3.2	19.1 +- 0.6; 2.9	13.1 +- 0.8; 4.5	15.6 +- 2.1
19	267 4.5	21.6 +- 0.6; 3.2	15.8 +- 0.8; 4.8	16.4 +- 2.1
20	295 3.8	19.4 +- 0.6; 2.9	13.5 +- 0.8; 4.6	16.6 +- 2.6
21	315 4.6	18.6 +- 0.6; 2.8	12.6 +- 0.8; 4.5	14.9 +- 2.3
22	332 4.3	18.3 +- 0.5; 2.7	12.2 +- 0.7; 4.4	14.7 +- 2.0
23	251 4.8	17.3 +- 0.5; 2.6	11.2 +- 0.7; 4.3	14.4 +- 2.0
24	32 5.3	20.4 +- 0.6; 3.1	14.6 +- 0.8; 4.7	16.8 +- 2.0
25	54 6.2	17.9 +- 0.5; 2.7	11.9 +- 0.7; 4.4	14.5 +- 2.2
26	64 5.5	20.7 +- 0.6; 3.1	14.8 +- 0.8; 4.7	16.2 +- 2.1
27	88 4.7	19.7 +- 0.6; 2.9	13.7 +- 0.8; 4.6	15.9 +- 2.0
28	124 5.1	20.9 +- 0.6; 3.1	15.1 +- 0.8; 4.7	16.6 +- 2.1
29	153 4.1	19.8 +- 0.6; 3.0	13.9 +- 0.8; 4.6	15.9 +- 2.1
30	142 3.6	18.6 +- 0.6; 2.8	12.6 +- 0.8; 4.5	14.6 +- 1.9
31	130 3.0	17.5 +- 0.5; 2.6	11.4 +- 0.7; 4.3	13.8 +- 2.1
32	110 2.8	17.3 +- 0.5; 2.6	11.2 +- 0.7; 4.3	14.8 +- 2.2
33	78 2.6	17.9 +- 0.5; 2.7	11.8 +- 0.7; 4.4	14.6 +- 2.4
34	58 2.2	17.4 +- 0.5; 2.6	11.3 +- 0.7; 4.3	13.5 +- 2.2
35	34 2.4	21.7 +- 0.7; 3.3	16.0 +- 0.8; 4.8	19.6 +- 2.2
36	19 2.7	21.0 +- 0.6; 3.1	15.2 +- 0.8; 4.7	17.0 +- 2.0
37	284 10.0	20.3 +- 0.6; 3.1	14.5 +- 0.8; 4.7	16.0 +- 2.2
38	289 15.0	16.9 +- 0.5; 2.5	10.7 +- 0.7; 4.3	15.3 +- 3.3
39	293 15.0	20.0 +- 0.6; 3.0	14.1 +- 0.8; 4.6	16.9 +- 1.8

Transit Dose = 7.0 +- 0.4; 3.0

FARLEY

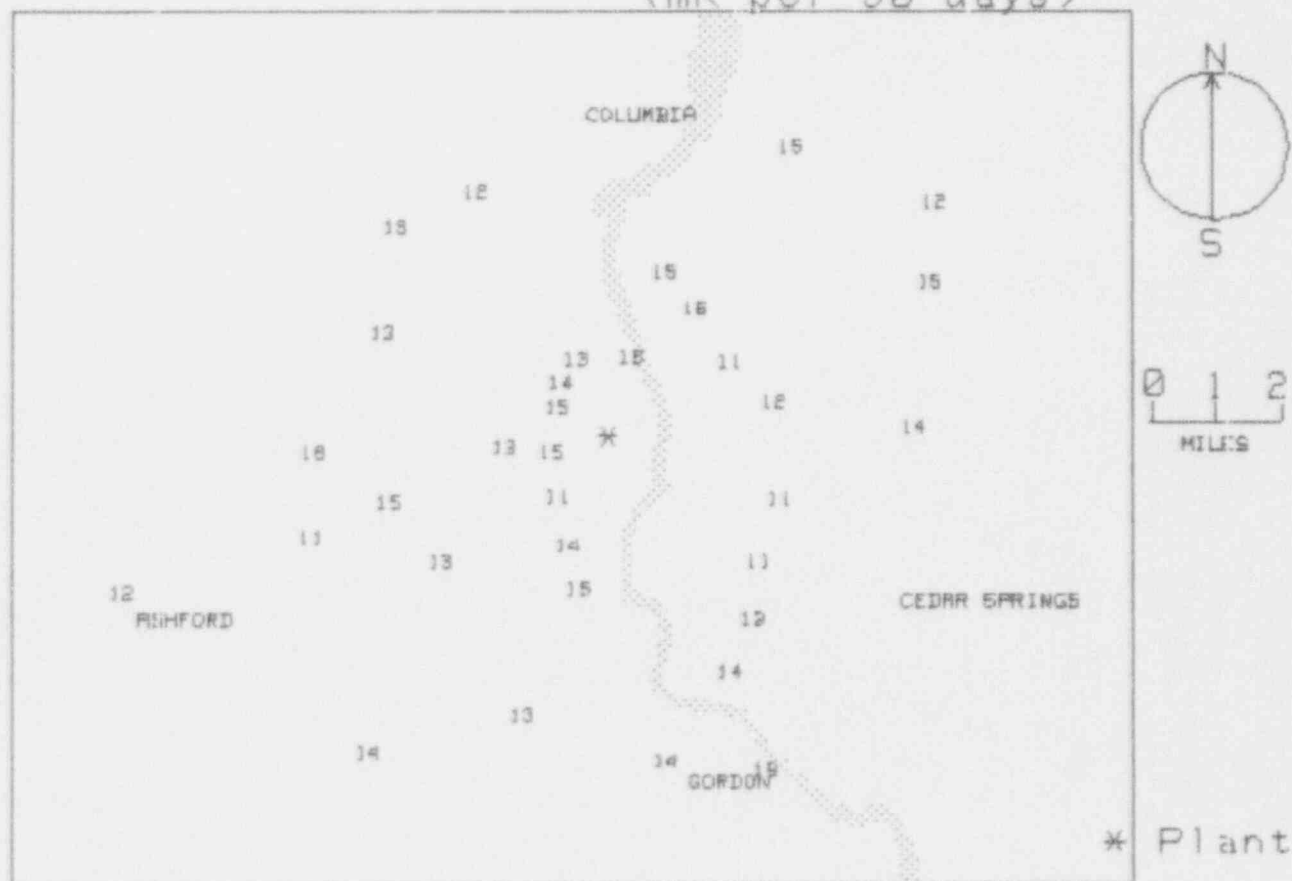
For the period 921208-930421

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	16.0 +- 2.0	3
33.76 - 56.25 NE	13.9 +- 2.9	2
56.26 - 78.75 ENE	12.6 +- 1.9	3
78.76 - 101.25 E	13.7 +- 0.0	1
101.26 - 123.75 ESE	11.2 +- 0.0	1
123.76 - 146.25 SE	13.0 +- 1.9	3
146.26 - 168.75 SSE	16.3 +- 3.5	2
168.76 - 191.25 S	14.3 +- 0.6	2
191.26 - 213.75 SSW	13.2 +- 0.5	2
213.76 - 236.25 SW	12.9 +- 1.3	3
236.26 - 258.75 WSW	13.1 +- 1.5	5
258.76 - 281.25 W	13.4 +- 2.3	3
281.26 - 303.75 WNW	14.1 +- 0.9	2
303.76 - 326.25 NW	13.5 +- 1.3	2
326.26 - 348.75 NNW	12.7 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.1 +- 1.9	9
2 - 5	13.2 +- 1.6	18
> 5	14.0 +- 2.3	9
Upwind Control	13.1 +- 2.1	3

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



FERMI

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 Days

Field Time: 97 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	38	2.1	16.6	+- 0.5; 2.5	10.9	+- 0.6; 3.8	14.3	+- 3.3
2	22	2.3	19.0	+- 0.6; 2.8	13.1	+- 0.6; 4.0	15.6	+- 3.3
3	350	1.8	23.2	+- 0.7; 3.5	16.9	+- 0.7; 4.4	20.2	+- 2.2
4	345	1.9	20.6	+- 0.6; 3.1	14.6	+- 0.7; 4.1	16.3	+- 2.5
5	346	1.4	20.2	+- 0.6; 3.0	14.2	+- 0.7; 4.1	17.5	+- 2.4
6	310	1.3	20.2	+- 0.6; 3.0	14.2	+- 0.7; 4.1	17.5	+- 2.7
7	298	1.4	21.5	+- 0.6; 3.2	15.4	+- 0.7; 4.2	17.1	+- 2.4
8	277	1.6	21.7	+- 0.7; 3.3	15.6	+- 0.7; 4.2	17.3	+- 2.1
9	238	1.0	18.4	+- 0.6; 2.8	12.5	+- 0.6; 3.9	15.9	+- 3.1
10	225	1.5	19.2	+- 0.6; 2.9	13.3	+- 0.6; 4.0	14.5	+- 2.5
11	193	0.8	21.6	+- 0.6; 3.2	15.5	+- 0.7; 4.2	17.1	+- 2.2
12	183	0.9	22.8	+- 0.7; 3.4	16.6	+- 0.7; 4.4	16.9	+- 2.4
13	175	0.8	21.5	+- 0.6; 3.2	15.4	+- 0.7; 4.2	16.5	+- 2.2
14	260	1.7	23.2	+- 0.7; 3.5	17.0	+- 0.7; 4.4	18.6	+- 2.2
15	245	2.5	19.8	+- 0.6; 3.0	13.8	+- 0.7; 4.1	15.9	+- 2.5
16	236	5.0	23.9	+- 0.7; 3.6	17.6	+- 0.8; 4.5	19.3	+- 2.1
17	225	6.8	19.5	+- 0.6; 2.9	13.5	+- 0.6; 4.0	13.8	+- 2.6
18	250	7.8	19.1	+- 0.6; 2.9	13.2	+- 0.6; 4.0	14.0	+- 2.9
19	277	6.0	17.7	+- 0.5; 2.7	11.9	+- 0.6; 3.9	14.5	+- 2.2
20	297	6.0	20.4	+- 0.6; 3.1	14.4	+- 0.7; 4.1	16.6	+- 2.8
21	320	3.8	21.3	+- 0.6; 3.2	15.3	+- 0.7; 4.2	16.1	+- 1.3
22	340	4.7	23.1	+- 0.7; 3.5	16.9	+- 0.7; 4.4	17.8	+- 2.3
23	358	4.3	24.3	+- 0.7; 3.6	18.0	+- 0.8; 4.5	18.2	+- 2.7
24	23	5.0	24.0	+- 0.7; 3.6	17.7	+- 0.8; 4.5	19.4	+- 2.3
25	25	7.0	19.3	+- 0.6; 2.9	13.4	+- 0.6; 4.0	14.4	+- 2.5
26	0	7.0	19.2	+- 0.6; 2.9	13.3	+- 0.6; 4.0	15.2	+- 2.6
27	342	8.0	21.4	+- 0.6; 3.2	15.3	+- 0.7; 4.2	16.2	+- 2.4
28	320	9.5	18.6	+- 0.6; 2.8	12.7	+- 0.6; 4.0	15.3	+- 2.1
29	290	11.0	19.5	+- 0.6; 2.9	13.6	+- 0.7; 4.0	17.8	+- 2.2
30	270	11.0	22.2	+- 0.7; 3.3	16.1	+- 0.7; 4.3	18.6	+- 2.3
31	245	10.0	19.3	+- 0.6; 2.9	13.4	+- 0.6; 4.0	15.7	+- 2.2
32	220	11.0	21.1	+- 0.6; 3.2	15.1	+- 0.7; 4.2	16.6	+- 2.4
33	270	15.0	21.6	+- 0.6; 3.2	15.5	+- 0.7; 4.2	14.9	+- 2.3
34	270	15.0	21.3	+- 0.6; 3.2	15.2	+- 0.7; 4.2	15.1	+- 2.2
35	290	16.0	21.5	+- 0.6; 3.2	15.4	+- 0.7; 4.2	16.1	+- 2.1
36	350	0.8	16.4	+- 0.5; 2.5	10.7	+- 0.6; 3.8	15.7	+- 3.3
37	330	0.7	20.1	+- 0.6; 3.0	14.1	+- 0.7; 4.1	16.3	+- 2.7
38	310	0.7	21.4	+- 0.6; 3.2	15.3	+- 0.7; 4.2	16.0	+- 3.2
39	23	10.0	21.0	+- 0.6; 3.1	14.9	+- 0.7; 4.2	17.3	+- 2.3
40	0	9.0	20.4	+- 0.6; 3.1	14.4	+- 0.7; 4.1	18.3	+- 2.0
41	348	9.0	20.6	+- 0.6; 3.1	14.5	+- 0.7; 4.1	14.3	+- 2.5

Transit Dose = 4.9 +- 0.4; 3.2

FERMI

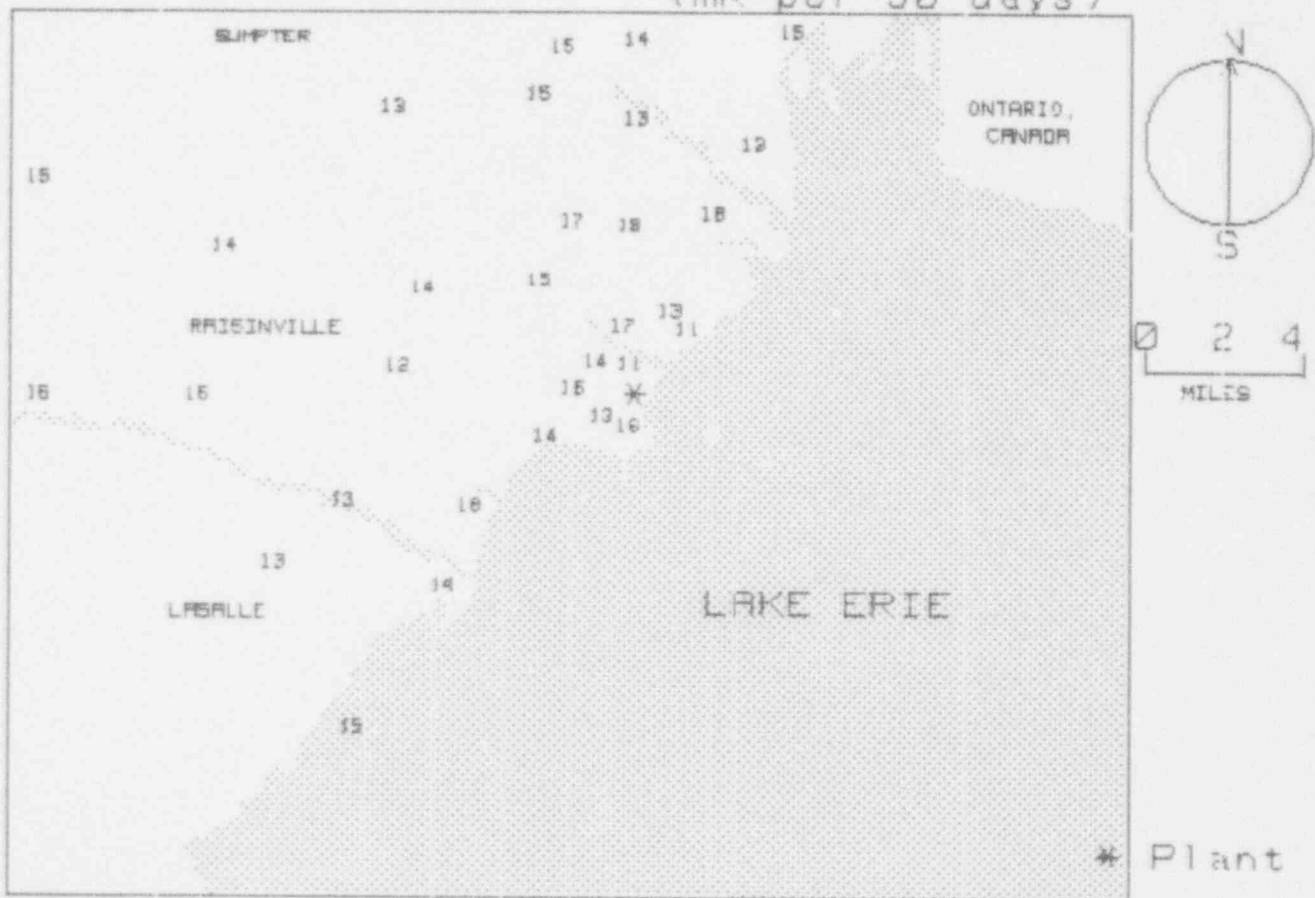
For the period 921207-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.7 +- 2.9	5
11.26 - 33.75 NNE	14.8 +- 2.1	4
33.76 - 56.25 NE	10.9 +- 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	16.0 +- 0.8	2
191.26 - 213.75 SSW	15.5 +- 0.0	1
213.76 - 236.25 SW	14.9 +- 2.0	4
236.26 - 258.75 WSW	13.2 +- 0.5	4
258.76 - 281.25 W	15.2 +- 2.2	4
281.26 - 303.75 WNW	14.5 +- 0.9	3
303.76 - 326.25 NW	14.4 +- 1.2	4
326.26 - 348.75 NNW	14.9 +- 1.1	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.8 +- 1.7	15
2 - 5	15.4 +- 2.6	8
> 5	14.0 +- 1.1	15
Upwind Control	15.4 +- 0.2	3

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



FITZ/NMP

TLD Direct Radiation Environmental Monitoring

For the period 921209-930422 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	230 6.9	16.5 +- 0.5; 2.5	11.8 +- 0.7; 4.1	14.8 +- 1.4
2	184 14.0	18.2 +- 0.5; 2.7	13.6 +- 0.7; 4.2	15.8 +- 1.4
3	122 8.4	16.5 +- 0.5; 2.5	11.8 +- 0.7; 4.1	14.5 +- 1.6
4	76 11.0	17.4 +- 0.5; 2.6	12.7 +- 0.7; 4.1	15.0 +- 1.0
5	91 6.8	17.5 +- 0.5; 2.6	12.9 +- 0.7; 4.2	15.4 +- 1.7
6	112 4.3	17.3 +- 0.5; 2.6	12.6 +- 0.7; 4.1	15.1 +- 1.1
7	138 4.3	18.0 +- 0.5; 2.7	13.3 +- 0.7; 4.2	15.1 +- 1.3
8	152 3.6	17.3 +- 0.5; 2.6	12.6 +- 0.7; 4.1	15.1 +- 1.4
9	183 3.9	19.1 +- 0.6; 2.9	14.5 +- 0.7; 4.3	15.4 +- 1.1
10	205 4.5	17.2 +- 0.5; 2.6	12.5 +- 0.7; 4.1	14.4 +- 1.5
11	220 4.4	19.1 +- 0.6; 2.9	14.5 +- 0.7; 4.3	15.4 +- 1.3
12	230 6.1	17.8 +- 0.5; 2.7	13.2 +- 0.7; 4.2	15.6 +- 1.3
13	245 1.8	17.2 +- 0.5; 2.6	12.5 +- 0.7; 4.1	15.3 +- 1.2
14	223 1.8	16.6 +- 0.5; 2.5	11.8 +- 0.7; 4.1	14.8 +- 1.3
15	204 2.0	16.4 +- 0.5; 2.5	11.7 +- 0.7; 4.0	14.7 +- 1.6
16	181 1.8	17.4 +- 0.5; 2.6	12.7 +- 0.7; 4.1	15.0 +- 1.2
17	157 1.9	17.3 +- 0.5; 2.6	12.6 +- 0.7; 4.1	15.2 +- 1.1
18	137 1.6	16.0 +- 0.5; 2.4	11.3 +- 0.6; 4.0	14.8 +- 1.1
19	115 1.2	17.6 +- 0.5; 2.6	13.0 +- 0.7; 4.2	14.9 +- 1.6
20	92 1.1	16.8 +- 0.5; 2.5	12.0 +- 0.7; 4.1	15.6 +- 1.3
21	229 20.0	17.1 +- 0.5; 2.6	12.3 +- 0.7; 4.1	14.9 +- 1.4
22	229 20.0	16.7 +- 0.5; 2.5	12.0 +- 0.7; 4.1	14.6 +- 1.2
23	229 20.0	17.3 +- 0.5; 2.6	12.6 +- 0.7; 4.1	14.7 +- 1.2
24	196 8.0	Missing Dosimeter	No Net Data	14.5 +- 1.6
25	168 7.2	17.0 +- 0.5; 2.5	12.3 +- 0.7; 4.1	14.4 +- 1.2
26	152 0.6	18.7 +- 0.6; 2.8	14.0 +- 0.7; 4.3	16.1 +- 1.2

Transit Dose = 5.4 +- 0.4; 2.9

FITZ/NMP

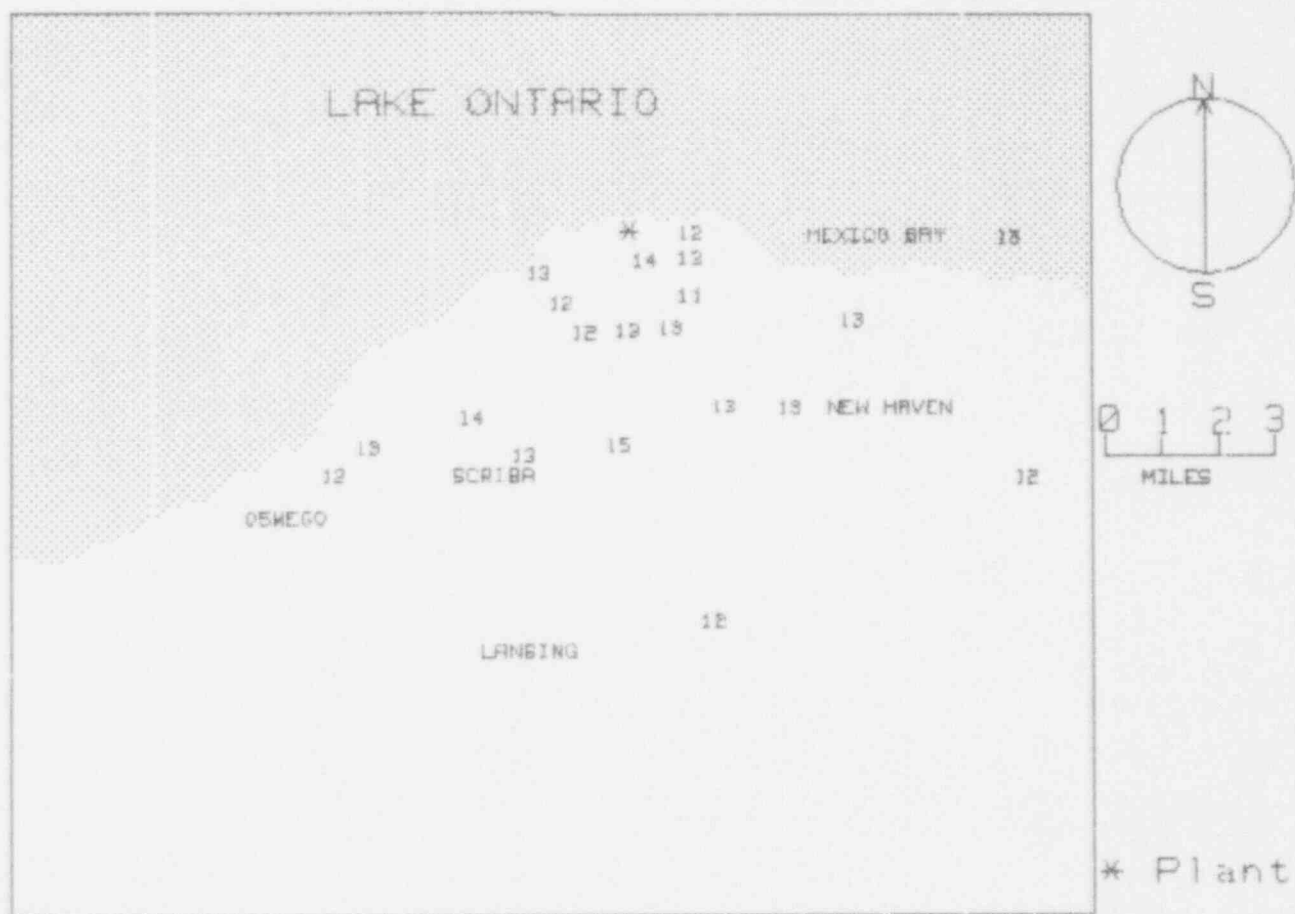
For the period 921209-930422

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	12.7 +- 0.0	1
78.76 - 101.25 E	12.5 +- 0.6	2
101.26 - 123.75 ESE	12.4 +- 0.6	3
123.76 - 146.25 SE	12.3 +- 1.4	2
146.26 - 168.75 SSE	12.9 +- 0.8	4
168.76 - 191.25 S	13.6 +- 0.9	3
191.26 - 213.75 SSW	12.1 +- 0.6	2
213.76 - 236.25 SW	12.8 +- 1.3	4
236.26 - 258.75 WSW	12.5 +- 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	12.4 +- 0.8	9
2 - 5	13.3 +- 0.9	6
> 5	12.6 +- 0.7	7
Upwind Control	12.3 +- 0.3	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 921206-930427 143 Days

Field Time: 98 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	358	2.0	27.2 +- 0.8; 4.1		17.6 +- 0.9; 5.0		19.1 +- 2.8	
2	351	4.6	27.8 +- 0.8; 4.2		18.1 +- 0.9; 5.0		19.8 +- 3.0	
3	30	2.5	26.5 +- 0.8; 4.0		16.9 +- 0.9; 4.9		19.6 +- 2.8	
4	27	4.6	28.2 +- 0.8; 4.2		18.5 +- 0.9; 5.1		20.2 +- 1.8	
5	53	1.9	25.6 +- 0.8; 3.8		16.1 +- 0.8; 4.8		19.3 +- 2.7	
6	37	3.9	27.8 +- 0.8; 4.2		18.1 +- 0.9; 5.0		20.0 +- 2.6	
7	76	2.3	28.1 +- 0.8; 4.2		18.4 +- 0.9; 5.1		20.5 +- 2.8	
8	59	5.2	26.9 +- 0.8; 4.0		17.3 +- 0.9; 4.9		19.5 +- 2.9	
9	100	2.3	25.5 +- 0.8; 3.8		16.1 +- 0.8; 4.8		17.9 +- 2.8	
10	88	5.6	25.6 +- 0.8; 3.8		16.1 +- 0.8; 4.8		20.4 +- 2.8	
11	122	2.3	27.4 +- 0.8; 4.1		17.8 +- 0.9; 5.0		20.0 +- 2.2	
12	105	5.7	26.3 +- 0.8; 3.9		16.7 +- 0.8; 4.9		19.3 +- 2.6	
13	145	1.9	26.8 +- 0.8; 4.0		17.2 +- 0.9; 4.9		20.4 +- 2.3	
14	128	5.5	42.9 +- 1.3; 6.4		32.0 +- 1.3; 6.8 *		20.0 +- 3.0	
15	157	1.9	29.2 +- 0.9; 4.4		19.4 +- 0.9; 5.2		21.1 +- 2.6	
16	150	4.9	43.8 +- 1.3; 6.6		32.9 +- 1.3; 6.9 *		20.5 +- 2.7	
17	173	0.5	27.5 +- 0.8; 4.1		17.8 +- 0.9; 5.0		20.1 +- 3.0	
18	173	5.3	46.3 +- 1.4; 7.0		35.2 +- 1.4; 7.2 *		21.2 +- 2.6	
19	212	2.5	47.0 +- 1.4; 7.1		35.8 +- 1.4; 7.3 *		22.7 +- 2.7	
20	204	5.3	47.1 +- 1.4; 7.1		35.8 +- 1.4; 7.3 *		21.4 +- 2.6	
21	233	2.0	46.9 +- 1.4; 7.0		35.7 +- 1.4; 7.2 *		21.7 +- 2.8	
22	224	4.6	47.8 +- 1.4; 7.2		36.5 +- 1.4; 7.3 *		21.8 +- 2.8	
23	239	0.6	28.3 +- 0.8; 4.2		18.6 +- 0.9; 5.1		20.2 +- 2.7	
24	243	6.9	26.0 +- 0.8; 3.9		16.5 +- 0.8; 4.8		18.6 +- 2.6	
25	269	3.3	30.2 +- 0.9; 4.5		20.4 +- 0.9; 5.3		22.0 +- 3.2	
26	262	5.9	30.2 +- 0.9; 4.5		20.3 +- 0.9; 5.3		22.3 +- 2.7	
27	350	3.0	26.7 +- 0.8; 4.0		17.1 +- 0.9; 4.9		19.4 +- 4.3	
28	292	5.0	28.2 +- 0.8; 4.2		18.5 +- 0.9; 5.1		20.4 +- 2.5	
29	311	2.4	29.5 +- 0.9; 4.4		19.7 +- 0.9; 5.2		20.5 +- 2.7	
30	310	5.5	30.0 +- 0.9; 4.5		20.2 +- 0.9; 5.3		21.1 +- 2.5	
31	340	2.3	27.0 +- 0.8; 4.0		17.4 +- 0.9; 4.9		19.8 +- 3.0	
32	338	5.3	28.7 +- 0.9; 4.3		18.9 +- 0.9; 5.1		20.3 +- 2.7	
33	182	0.5	28.0 +- 0.8; 4.2		18.3 +- 0.9; 5.0		20.2 +- 2.6	
35	127	2.2	27.9 +- 0.8; 4.2		18.2 +- 0.9; 5.0		18.8 +- 2.1	
39	150	5.0	27.4 +- 0.8; 4.1		17.8 +- 0.9; 5.0		18.6 +- 2.1	
40	73	9.5	30.2 +- 0.9; 4.5		20.3 +- 0.9; 5.3		20.5 +- 3.0	
43	29	8.0	26.3 +- 0.8; 3.9		16.8 +- 0.9; 4.9		19.1 +- 3.1	
44	65	3.5	26.6 +- 0.8; 4.0		17.0 +- 0.9; 4.9		18.1 +- 2.7	
45	182	4.2	45.1 +- 1.4; 6.8		34.1 +- 1.3; 7.0 *		20.7 +- 2.5	
47	298	4.5	25.9 +- 0.8; 3.9		16.4 +- 0.8; 4.8		20.1 +- 2.9	
48	13	14.0	27.4 +- 0.8; 4.1		17.8 +- 0.9; 5.0		19.7 +- 1.8	
49	207	18.0	29.6 +- 0.9; 4.4		19.8 +- 0.9; 5.2		21.1 +- 3.2	

Transit Dose = 8.1 +- 0.5; 3.6

* Station nos. 14, 16, 18, 19, 20, 21, 22, and 45: Results are shown for two Quarters; i.e., for the period 920907 - 930427 (Field time 177 days).

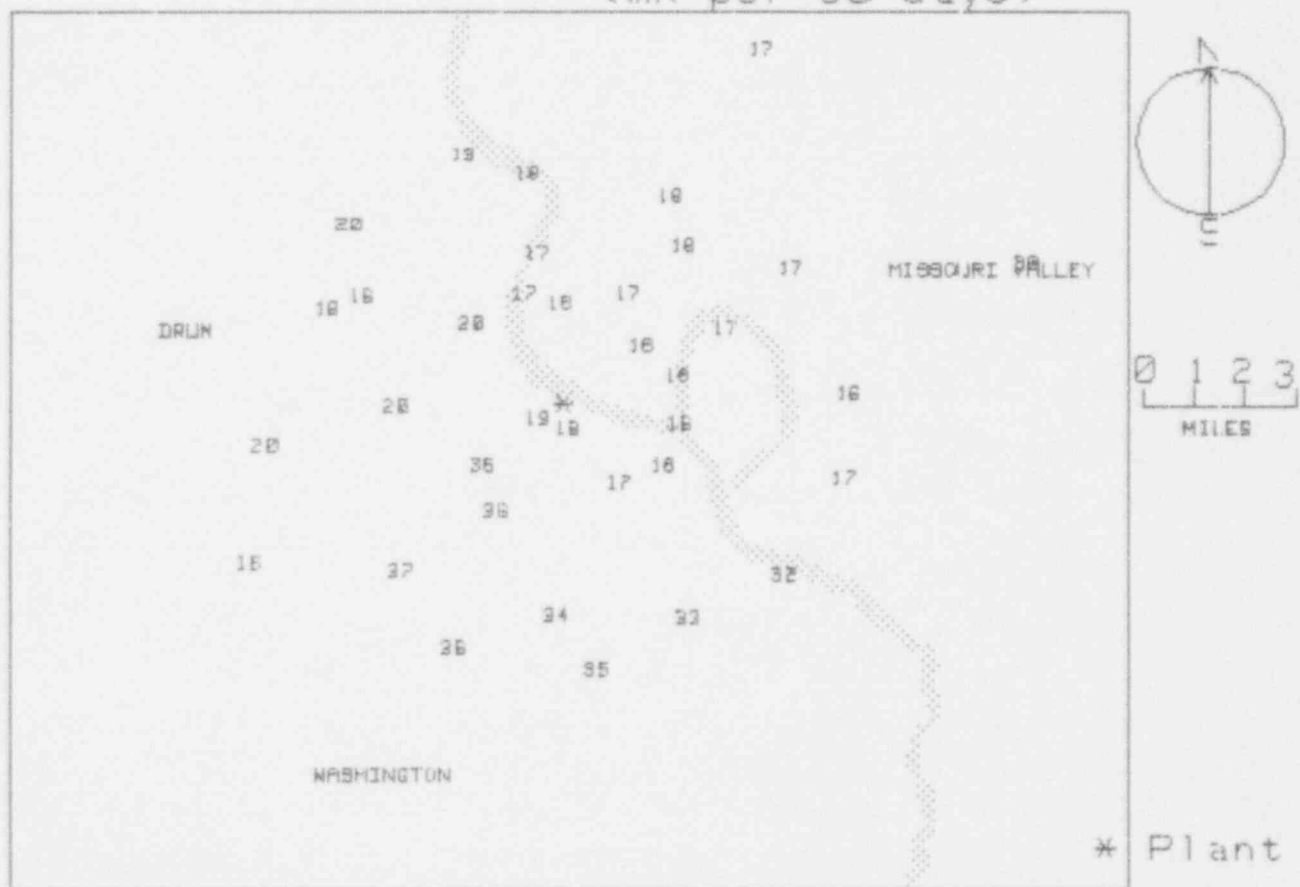
FORT CALHOUN
For the period 921206-930427

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 +- 0.5	3
11.26 - 33.75 NNE	17.4 +- 1.0	3
33.76 - 56.25 NE	17.1 +- 1.4	2
56.26 - 78.75 ENE	18.3 +- 1.5	4
78.76 - 101.25 E	16.1 +- 0.0	2
101.26 - 123.75 ESE	17.3 +- 0.8	2
123.76 - 146.25 SE	22.5 +- 8.3	3
146.26 - 168.75 SSE	23.4 +- 8.3	3
168.76 - 191.25 S	26.3 +- 9.6	4
191.26 - 213.75 SSW	35.8 +- 0.0	2
213.76 - 236.25 SW	36.1 +- 0.6	2
236.26 - 258.75 WSW	17.5 +- 1.5	2
258.76 - 281.25 W	20.3 +- 0.0	2
281.26 - 303.75 WNW	17.4 +- 1.4	2
303.76 - 326.25 NW	19.9 +- 0.3	2
326.26 - 348.75 NNW	18.2 +- 1.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	20.1 +- 6.4	8
2 - 5	21.3 +- 7.0	20
> 5	22.2 +- 7.5	12
Upwind Control	18.8 +- 1.5	2

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



FORT ST. VRAIN

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 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	8	0.8	40.6 +- 1.2; 6.1		28.9 +- 1.3; 7.0		30.1 +- 3.3	
2	2	3.3	41.7 +- 1.3; 6.3		29.9 +- 1.3; 7.1		29.4 +- 3.4	
3	29	2.6	40.0 +- 1.2; 6.0		28.3 +- 1.3; 6.9		30.0 +- 3.6	
4	17	5.4	41.6 +- 1.2; 6.2		29.9 +- 1.3; 7.1		30.1 +- 3.6	
5	54	2.1	Damaged Dosimeter		No Net Data		28.7 +- 3.6	
6	48	4.8	42.5 +- 1.3; 6.4		30.7 +- 1.4; 7.2		30.9 +- 3.3	
7	76	2.6	42.2 +- 1.3; 6.3		30.5 +- 1.4; 7.2		31.9 +- 3.6	
8	58	4.2	41.6 +- 1.2; 6.2		29.9 +- 1.3; 7.1		30.4 +- 3.3	
9	100	1.5	42.0 +- 1.3; 6.3		30.3 +- 1.3; 7.2		30.8 +- 3.4	
10	87	4.5	41.3 +- 1.2; 6.2		29.6 +- 1.3; 7.1		29.3 +- 3.3	
11	118	1.6	44.3 +- 1.3; 6.6		32.5 +- 1.4; 7.4		33.0 +- 3.6	
12	104	3.0	42.5 +- 1.3; 6.4		30.7 +- 1.4; 7.2		32.5 +- 3.2	
13	143	1.6	43.3 +- 1.3; 6.5		31.6 +- 1.4; 7.3		30.8 +- 3.3	
14	128	4.5	41.9 +- 1.3; 6.3		30.2 +- 1.3; 7.1		30.8 +- 3.0	
15	168	2.3	41.4 +- 1.2; 6.2		29.6 +- 1.3; 7.1		28.5 +- 3.2	
16	148	4.6	40.4 +- 1.2; 6.1		28.7 +- 1.3; 7.0		28.7 +- 3.2	
17	182	0.8	41.1 +- 1.2; 6.2		29.4 +- 1.3; 7.0		30.4 +- 3.2	
18	175	4.8	42.6 +- 1.3; 6.4		30.8 +- 1.4; 7.2		30.9 +- 3.5	
19	210	0.9	41.8 +- 1.3; 6.3		30.0 +- 1.3; 7.1		31.2 +- 3.2	
20	200	2.9	43.6 +- 1.3; 6.5		31.8 +- 1.4; 7.4		30.7 +- 3.6	
21	234	1.3	45.1 +- 1.4; 6.8		33.3 +- 1.4; 7.6		31.5 +- 3.2	
22	216	3.3	41.7 +- 1.3; 6.3		30.0 +- 1.3; 7.1		28.7 +- 3.2	
23	254	2.5	40.0 +- 1.2; 6.0		28.3 +- 1.3; 6.9		29.3 +- 3.3	
24	244	3.8	41.9 +- 1.3; 6.3		30.1 +- 1.3; 7.1		29.4 +- 3.2	
25	278	1.5	40.3 +- 1.2; 6.0		28.6 +- 1.3; 6.9		28.5 +- 2.9	
26	263	5.4	42.5 +- 1.3; 6.4		30.7 +- 1.4; 7.2		29.7 +- 3.6	
27	297	1.7	41.2 +- 1.2; 6.2		29.4 +- 1.3; 7.0		28.4 +- 3.5	
28	284	5.6	42.2 +- 1.3; 6.3		30.5 +- 1.4; 7.2		29.3 +- 3.0	
29	317	0.9	40.0 +- 1.2; 6.0		28.3 +- 1.3; 6.9		28.8 +- 3.3	
30	305	4.2	37.8 +- 1.1; 5.7		26.2 +- 1.2; 6.6		27.4 +- 3.2	
31	338	1.4	40.1 +- 1.2; 6.0		28.4 +- 1.3; 6.9		28.9 +- 3.3	
32	330	5.0	35.7 +- 1.1; 5.4		24.1 +- 1.2; 6.4		26.4 +- 3.3	
33	267	6.5	38.9 +- 1.2; 5.8		27.2 +- 1.3; 6.8		29.8 +- 3.8	
34	130	3.7	40.8 +- 1.2; 6.1		29.1 +- 1.3; 7.0		29.3 +- 3.4	
35	270	0.1	40.0 +- 1.2; 6.0		28.3 +- 1.3; 6.9		28.7 +- 3.6	
38	345	6.7	41.7 +- 1.3; 6.3		30.0 +- 1.3; 7.1		30.6 +- 3.5	
39	10	6.0	40.2 +- 1.2; 6.0		28.5 +- 1.3; 6.9		29.1 +- 3.7	
40	63	6.0	39.1 +- 1.2; 5.9		27.4 +- 1.3; 6.8		29.0 +- 3.7	
41	165	12.0	43.8 +- 1.3; 6.6		32.0 +- 1.4; 7.4		32.0 +- 3.0	
42	248	13.0	45.2 +- 1.4; 6.8		33.4 +- 1.4; 7.6		33.5 +- 3.9	
45	198	11.0	42.1 +- 1.3; 6.3		30.3 +- 1.4; 7.2		30.1 +- 3.2	
46	39	16.0	37.9 +- 1.1; 5.7		26.2 +- 1.2; 6.6		28.2 +- 3.5	
47	357	17.0	40.6 +- 1.2; 6.1		28.9 +- 1.3; 7.0		27.0 +- 3.4	
48	171	18.0	43.0 +- 1.3; 6.5		31.2 +- 1.4; 7.3		30.5 +- 3.3	
49	360	0.5	43.6 +- 1.3; 6.5		31.9 +- 1.4; 7.4		32.2 +- 3.3	

Transit Dose = 11.1 +- 0.6; 3.7

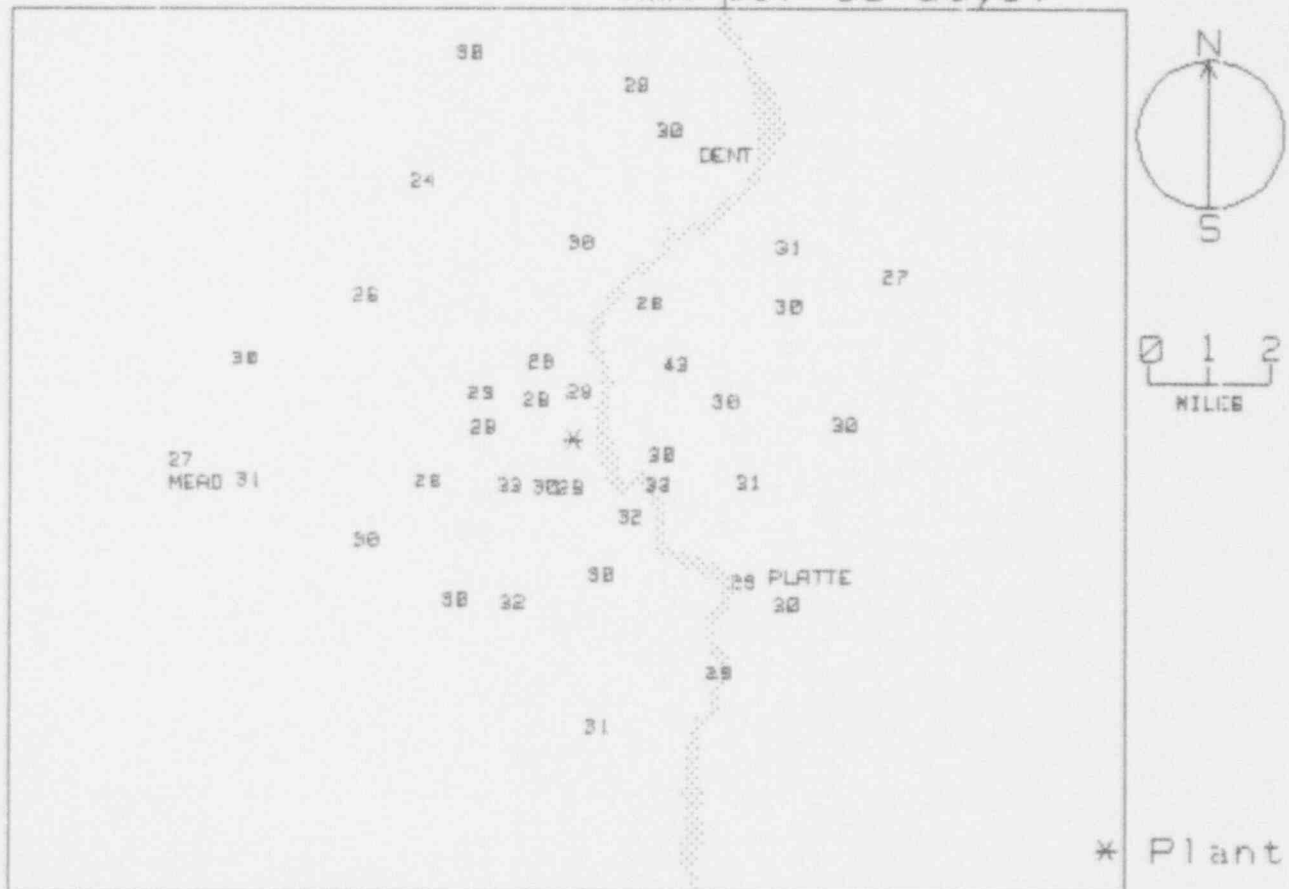
FORT ST. VRAIN
For the period 921206-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	29.1 +- 0.7	3
11.26 - 33.75 NNE	29.1 +- 1.1	2
33.76 - 56.25 NE	28.5 +- 3.2	2
56.26 - 78.75 ENE	29.2 +- 1.7	3
78.76 - 101.25 E	29.9 +- 0.5	2
101.26 - 123.75 ESE	31.6 +- 1.3	2
123.76 - 146.25 SE	30.3 +- 1.2	3
146.26 - 168.75 SSE	30.1 +- 1.7	3
168.76 - 191.25 S	30.1 +- 1.0	2
191.26 - 213.75 SSW	30.7 +- 1.0	3
213.76 - 236.25 SW	31.6 +- 2.4	2
236.26 - 258.75 WSW	30.6 +- 2.6	3
258.76 - 281.25 W	28.7 +- 1.5	4
281.26 - 303.75 WNW	30.0 +- 0.7	2
303.76 - 326.25 NW	27.2 +- 1.5	2
326.26 - 348.75 NNW	27.5 +- 3.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	29.9 +- 1.7	12
2 - 5	29.4 +- 1.8	18
> 5	29.6 +- 2.2	11
Upwind Control	30.7 +- 1.6	3

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



GINNA

TLD Direct Radiation Environmental Monitoring

For the period 921209-930422 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	95 1.7	17.5 +- 0.5; 2.6	12.1 +- 0.7; 4.2	15.1 +- 1.2
2	108 1.1	17.5 +- 0.5; 2.6	12.1 +- 0.7; 4.2	14.8 +- 1.4
3	142 1.7	16.8 +- 0.5; 2.5	11.3 +- 0.7; 4.1	14.8 +- 1.7
4	154 1.5	Missing Dosimeter	No Net Data	15.4 +- 1.9
5	174 1.4	17.8 +- 0.5; 2.7	12.4 +- 0.7; 4.2	15.6 +- 1.8
6	212 1.6	16.8 +- 0.5; 2.5	11.3 +- 0.7; 4.1	14.5 +- 1.7
7	244 0.9	17.6 +- 0.5; 2.6	12.3 +- 0.7; 4.2	14.4 +- 1.7
8	230 0.6	15.9 +- 0.5; 2.4	10.4 +- 0.7; 4.0	15.5 +- 1.9
10	266 1.5	16.7 +- 0.5; 2.5	11.3 +- 0.7; 4.1	14.9 +- 1.6
11	264 4.6	Missing Dosimeter	No Net Data	16.2 +- 1.1
12	245 3.8	18.3 +- 0.5; 2.7	12.9 +- 0.7; 4.3	14.7 +- 1.8
13	235 4.2	17.4 +- 0.5; 2.6	12.0 +- 0.7; 4.2	14.2 +- 1.5
14	200 3.8	16.4 +- 0.5; 2.5	10.9 +- 0.7; 4.1	14.1 +- 1.8
15	178 3.4	18.2 +- 0.5; 2.7	12.9 +- 0.7; 4.3	15.0 +- 1.4
16	160 3.7	16.4 +- 0.5; 2.5	10.9 +- 0.7; 4.1	14.0 +- 1.8
17	134 3.8	16.9 +- 0.5; 2.5	11.5 +- 0.7; 4.2	14.2 +- 1.6
18	115 4.3	16.2 +- 0.5; 2.4	10.7 +- 0.7; 4.1	15.1 +- 1.4
19	88 4.0	17.1 +- 0.5; 2.6	11.7 +- 0.7; 4.2	14.3 +- 1.7
20	90 6.2	Missing Dosimeter	No Net Data	13.4 +- 1.6
21	123 7.6	Missing Dosimeter	No Net Data	13.7 +- 1.8
22	151 11.0	16.2 +- 0.5; 2.4	10.8 +- 0.7; 4.1	14.1 +- 1.5
23	105 12.0	17.1 +- 0.5; 2.6	11.7 +- 0.7; 4.2	14.8 +- 2.1
24	212 14.0	22.0 +- 0.7; 3.3	16.8 +- 0.8; 4.7	18.3 +- 1.3
25	223 13.0	16.2 +- 0.5; 2.4	10.7 +- 0.7; 4.1	14.4 +- 2.0
26	242 16.0	19.4 +- 0.6; 2.9	14.2 +- 0.7; 4.4	16.0 +- 1.4
27	254 14.0	16.8 +- 0.5; 2.5	11.4 +- 0.7; 4.1	16.0 +- 1.6
28	234 6.9	17.8 +- 0.5; 2.7	12.4 +- 0.7; 4.2	14.5 +- 1.6
29	185 0.3	18.7 +- 0.6; 2.8	13.4 +- 0.7; 4.3	15.8 +- 1.3
30	264 15.0	16.9 +- 0.5; 2.5	11.4 +- 0.7; 4.1	14.1 +- 1.8

Transit Dose = 6.1 +- 0.4; 3.0

GINNA

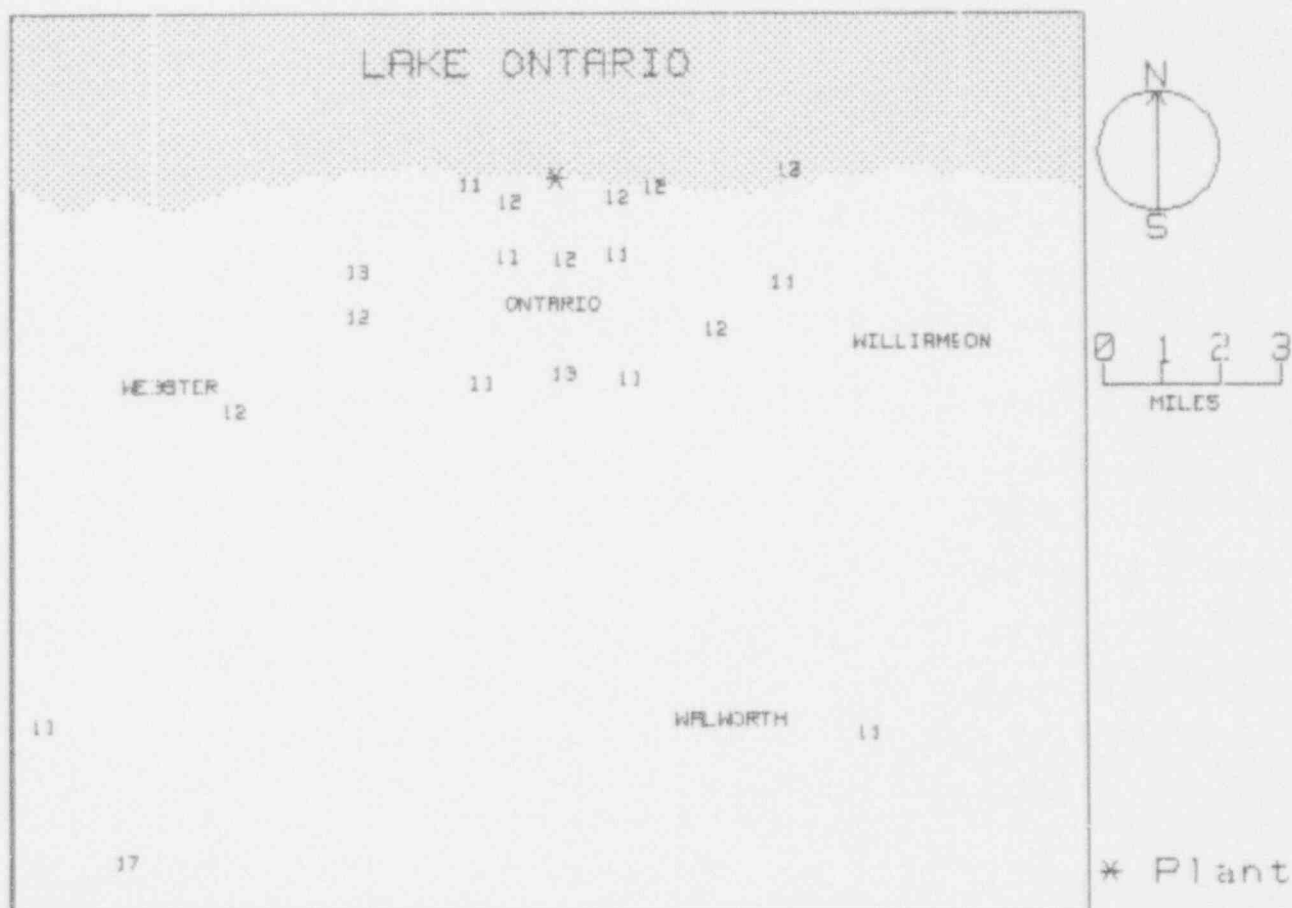
For the period 921209-930422

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	11.9 +- 0.3	2
101.26 - 123.75 ESE	11.5 +- 0.7	3
123.76 - 146.25 SE	11.4 +- 0.1	2
146.26 - 168.75 SSE	10.8 +- 0.1	2
168.76 - 191.25 S	12.9 +- 0.5	3
191.26 - 213.75 SSW	13.0 +- 3.3	3
213.76 - 236.25 SW	11.4 +- 1.0	4
236.26 - 258.75 WSW	12.6 +- 0.5	2
258.76 - 281.25 W	11.3 +- 0.0	1
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	11.8 +- 0.9	9
2 - 5	11.7 +- 0.9	8
> 5	12.5 +- 2.5	5
Upwind Control	12.3 +- 1.6	3

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



GRAND GULF

TLD Direct Radiation Environmental Monitoring

For the period 921208-930421 135 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
=====	=====		=====	=====	=====
1	337	2.0	18.3 +- 0.5; 2.7	13.8 +- 0.6; 4.0	17.0 +- 1.9
2	351	1.6	19.8 +- 0.6; 3.0	15.3 +- 0.7; 4.1	14.9 +- 1.7
3	20	1.5	22.9 +- 0.7; 3.4	18.3 +- 0.8; 4.5	17.4 +- 1.9
4	51	2.3	22.0 +- 0.7; 3.3	17.4 +- 0.7; 4.4	16.4 +- 1.8
5	68	2.7	24.3 +- 0.7; 3.7	19.7 +- 0.8; 4.6	17.6 +- 1.9
6	47	4.1	20.5 +- 0.6; 3.1	15.9 +- 0.7; 4.2	15.8 +- 1.8
7	68	4.9	24.4 +- 0.7; 3.7	19.7 +- 0.8; 4.6	19.0 +- 1.7
8	91	3.2	24.0 +- 0.7; 3.6	19.4 +- 0.8; 4.6	18.8 +- 1.7
9	81	1.0	23.0 +- 0.7; 3.5	18.4 +- 0.8; 4.5	17.1 +- 1.8
10	109	0.6	23.6 +- 0.7; 3.5	19.0 +- 0.8; 4.5	18.8 +- 1.6
11	139	0.8	23.9 +- 0.7; 3.6	19.3 +- 0.8; 4.6	18.6 +- 1.8
12	185	1.6	22.6 +- 0.7; 3.4	17.9 +- 0.7; 4.4	17.7 +- 1.7
13	207	1.9	23.0 +- 0.7; 3.5	18.4 +- 0.8; 4.5	18.7 +- 1.8
14	247	1.5	Missing Dosimeter	No Net Data	18.8 +- 5.8
15	130	4.2	22.7 +- 0.7; 3.4	18.1 +- 0.8; 4.5	18.3 +- 1.6
16	122	4.8	21.5 +- 0.6; 3.2	16.9 +- 0.7; 4.3	18.3 +- 1.5
17	135	5.3	Damaged Dosimeter	No Net Data	17.0 +- 1.6
18	147	4.3	18.8 +- 0.6; 2.8	14.3 +- 0.7; 4.0	15.3 +- 1.5
19	224	6.8	22.8 +- 0.7; 3.4	18.2 +- 0.8; 4.5	18.6 +- 1.5
20	172	3.6	20.7 +- 0.6; 3.1	16.1 +- 0.7; 4.2	16.4 +- 1.6
21	291	12.0	21.7 +- 0.7; 3.3	17.1 +- 0.7; 4.3	16.7 +- 1.6
22	332	8.0	23.1 +- 0.7; 3.5	18.5 +- 0.8; 4.5	19.3 +- 1.9
23	310	7.9	Missing Dosimeter	No Net Data	15.9 +- 2.6
24	281	7.0	20.8 +- 0.6; 3.1	16.3 +- 0.7; 4.2	16.4 +- 1.7
25	291	4.8	21.5 +- 0.6; 3.2	16.9 +- 0.7; 4.3	17.9 +- 1.8
26	248	9.5	20.3 +- 0.6; 3.0	15.7 +- 0.7; 4.2	16.7 +- 1.7
27	239	13.0	20.5 +- 0.6; 3.1	15.9 +- 0.7; 4.2	16.0 +- 1.6
29	90	0.9	21.9 +- 0.7; 3.3	17.3 +- 0.7; 4.4	17.4 +- 1.6
30	67	51.0	17.4 +- 0.5; 2.6	12.9 +- 0.6; 3.9	14.2 +- 1.4
31	67	51.0	18.3 +- 0.5; 2.7	13.8 +- 0.6; 4.0	14.3 +- 2.1
32	67	51.0	17.5 +- 0.5; 2.6	13.0 +- 0.6; 3.9	14.0 +- 1.6
33	206	4.8	23.3 +- 0.7; 3.5	18.6 +- 0.8; 4.5	18.2 +- 1.9

Transit Dose = 4.2 +- 0.4; 3.0

GRAND GULF

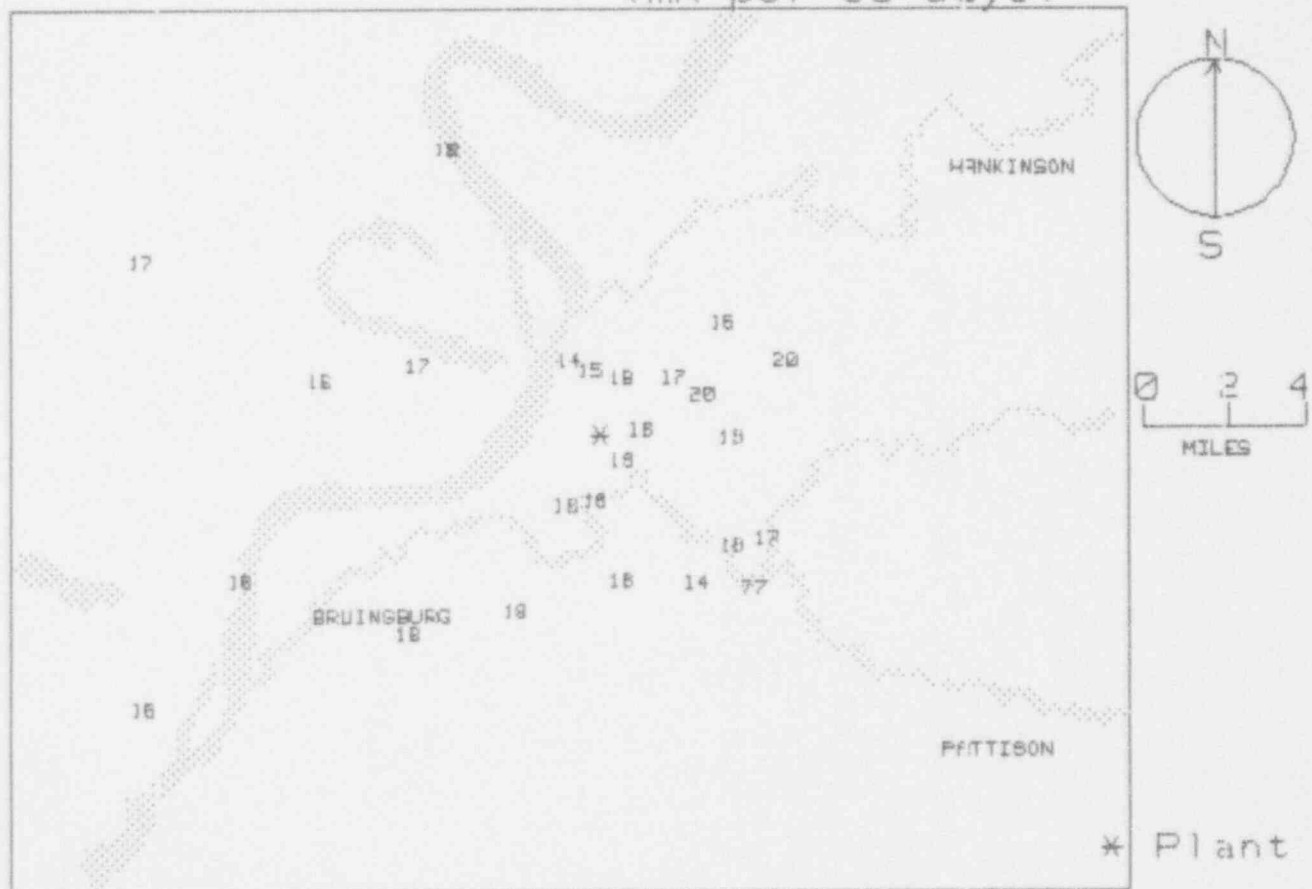
For the period 921208-930421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.3 +- 0.0	1
11.26 - 33.75 NNE	18.3 +- 0.0	1
33.76 - 56.25 NE	16.6 +- 1.1	2
56.26 - 78.75 ENE	19.7 +- 0.0	2
78.76 - 101.25 E	18.4 +- 1.0	3
101.26 - 123.75 ESE	18.0 +- 1.4	2
123.76 - 146.25 SE	18.7 +- 0.8	2
146.26 - 168.75 SSE	14.3 +- 0.0	1
168.76 - 191.25 S	17.0 +- 1.3	2
191.26 - 213.75 SSW	18.5 +- 0.2	2
213.76 - 236.25 SW	18.2 +- 0.0	1
236.26 - 258.75 WSW	15.8 +- 0.1	2
258.76 - 281.25 W	16.3 +- 0.0	1
281.26 - 303.75 WNW	17.0 +- 0.2	2
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	16.1 +- 3.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.5 +- 1.8	9
2 - 5	17.5 +- 1.7	11
> 5	17.0 +- 1.2	6
Upwind Control	13.2 +- 0.5	3

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



HADDAM NECK

TLD Direct Radiation Environmental Monitoring

For the period 921209-930420 133 Days

Field Time: 100 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
2	17	2.6	22.5 +- 0.7; 3.4		17.7 +- 0.7; 4.1		18.7 +- 1.9	
3	45	1.9	22.8 +- 0.7; 3.4		18.0 +- 0.7; 4.2		18.3 +- 2.6	
4	67	2.3	22.2 +- 0.7; 3.3		17.4 +- 0.7; 4.1		17.6 +- 1.6	
5	93	1.6	20.7 +- 0.6; 3.1		16.1 +- 0.6; 4.0		16.0 +- 1.6	
6	115	2.3	18.7 +- 0.6; 2.8		14.3 +- 0.6; 3.8		15.6 +- 1.8	
7	143	1.9	22.0 +- 0.7; 3.3		17.2 +- 0.7; 4.1		17.5 +- 1.9	
8	165	0.9	20.0 +- 0.6; 3.0		15.5 +- 0.6; 3.9		16.7 +- 1.3	
9	174	1.3	22.6 +- 0.7; 3.4		17.7 +- 0.7; 4.1		18.1 +- 1.9	
10	195	0.7	20.1 +- 0.6; 3.0		15.6 +- 0.6; 3.9		16.0 +- 1.7	
12	241	0.8	21.2 +- 0.6; 3.2		16.5 +- 0.6; 4.0		17.1 +- 1.5	
13	263	0.8	20.0 +- 0.6; 3.0		15.5 +- 0.6; 3.9		15.9 +- 1.7	
14	290	1.9	22.0 +- 0.7; 3.3		17.2 +- 0.7; 4.1		17.6 +- 1.8	
15	311	1.5	19.5 +- 0.6; 2.9		15.0 +- 0.6; 3.9		15.3 +- 1.7	
16	341	1.3	20.4 +- 0.6; 3.1		15.8 +- 0.6; 3.9		16.7 +- 1.6	
17	360	2.3	23.1 +- 0.7; 3.5		18.3 +- 0.7; 4.2		19.4 +- 1.8	
18	222	2.5	20.5 +- 0.6; 3.1		15.9 +- 0.6; 4.0		16.0 +- 1.7	
19	269	3.0	19.8 +- 0.6; 3.0		15.3 +- 0.6; 3.9		16.0 +- 1.8	
20	66	3.2	20.5 +- 0.6; 3.1		15.9 +- 0.6; 3.9		16.4 +- 1.7	
21	91	2.8	21.8 +- 0.7; 3.3		17.0 +- 0.7; 4.1		18.0 +- 1.9	
22	112	3.2	21.3 +- 0.6; 3.2		16.6 +- 0.6; 4.0		16.7 +- 1.9	
23	137	2.9	22.0 +- 0.7; 3.3		17.2 +- 0.7; 4.1		16.4 +- 2.1	
24	155	7.1	18.6 +- 0.6; 2.8		14.2 +- 0.6; 3.8		15.8 +- 1.5	
25	175	5.7	20.3 +- 0.6; 3.0		15.7 +- 0.6; 3.9		16.0 +- 1.7	
26	196	2.5	19.0 +- 0.6; 2.9		14.6 +- 0.6; 3.8		15.3 +- 1.6	
27	225	1.1	21.1 +- 0.6; 3.2		16.4 +- 0.6; 4.0		17.3 +- 2.0	
28	250	3.5	22.7 +- 0.7; 3.4		17.9 +- 0.7; 4.2		16.9 +- 2.7	
29	340	20.0	22.2 +- 0.7; 3.3		17.4 +- 0.7; 4.1		20.7 +- 4.2	
30	286	3.2	20.4 +- 0.6; 3.1		15.8 +- 0.6; 3.9		16.0 +- 1.7	
31	322	2.7	20.7 +- 0.6; 3.1		16.1 +- 0.6; 4.0		17.2 +- 1.7	
32	327	2.9	24.0 +- 0.7; 3.6		19.0 +- 0.7; 4.3		19.0 +- 1.7	
33	359	6.4	19.7 +- 0.6; 2.9		15.1 +- 0.6; 3.9		15.9 +- 1.4	
35	54	10.0	19.7 +- 0.6; 3.0		15.1 +- 0.6; 3.9		16.7 +- 1.7	
36	72	8.8	23.6 +- 0.7; 3.5		18.6 +- 0.7; 4.2		18.9 +- 1.7	
37	149	6.8	19.8 +- 0.6; 3.0		15.2 +- 0.6; 3.9		15.3 +- 1.6	
38	158	5.9	18.9 +- 0.6; 2.8		14.4 +- 0.6; 3.8		15.0 +- 1.7	
39	267	8.8	19.3 +- 0.6; 2.9		14.8 +- 0.6; 3.8		16.5 +- 1.8	
40	303	9.1	20.8 +- 0.6; 3.1		16.2 +- 0.6; 4.0		18.1 +- 1.4	
41	313	9.6	19.9 +- 0.6; 3.0		15.4 +- 0.6; 3.9		16.3 +- 1.6	
42	320	13.0	22.5 +- 0.7; 3.4		17.7 +- 0.7; 4.1		18.2 +- 1.8	
43	324	18.0	19.6 +- 0.6; 2.9		15.1 +- 0.6; 3.9		15.9 +- 1.4	
44	328	15.0	20.6 +- 0.6; 3.1		15.9 +- 0.6; 4.0		17.5 +- 1.8	
45	343	18.0	22.4 +- 0.7; 3.4		17.6 +- 0.7; 4.1		18.4 +- 1.9	
46	144	5.0	21.2 +- 0.6; 3.2		16.6 +- 0.6; 4.0		17.2 +- 2.1	
49	340	20.0	22.3 +- 0.7; 3.3		17.5 +- 0.7; 4.1		17.9 +- 1.9	

Transit Dose = 2.9 +- 0.3; 3.1

HADDAM NECK

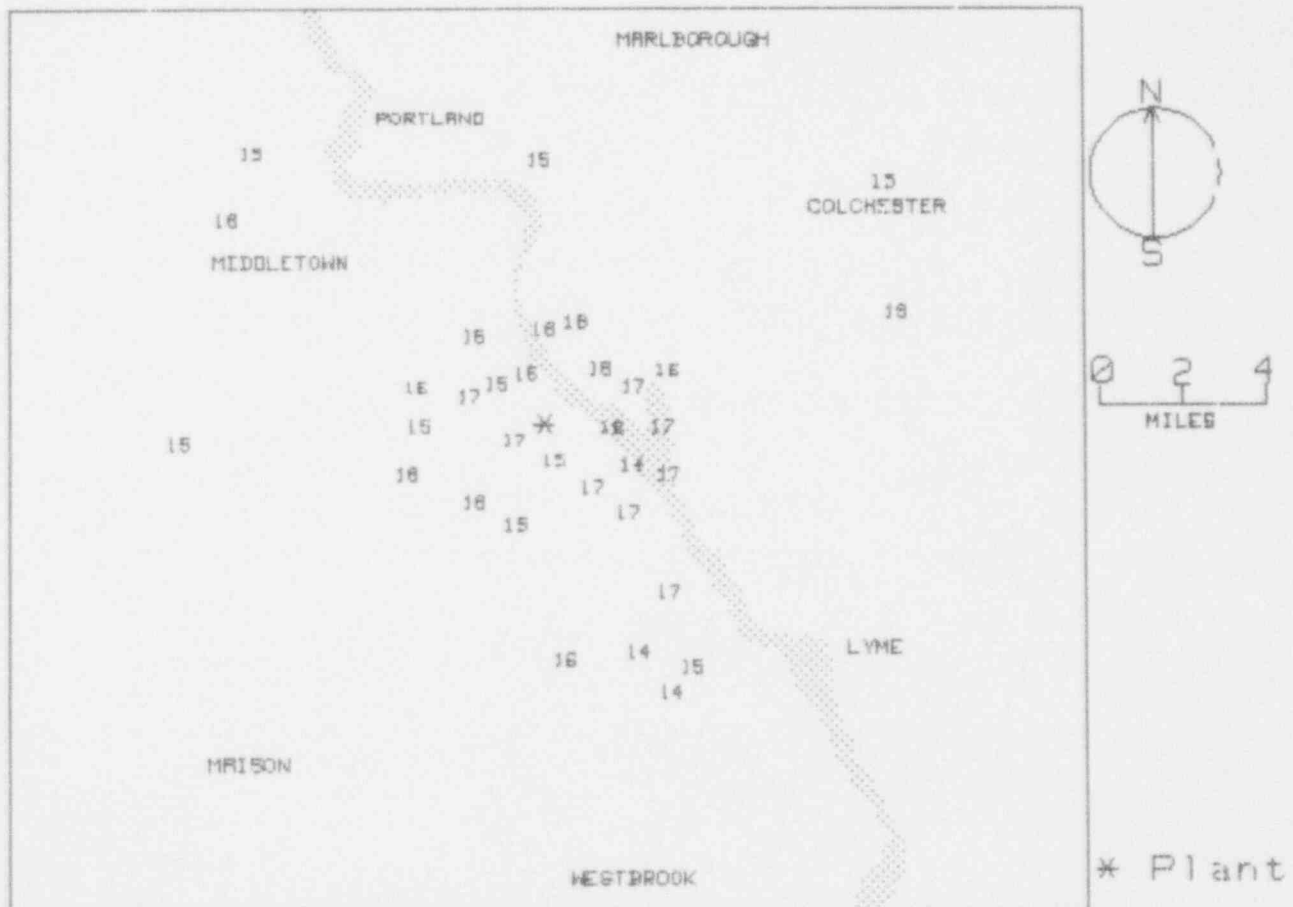
For the period 921209-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.7 +- 2.2	2
11.26 - 33.75 NNE	17.7 +- 0.0	1
33.76 - 56.25 NE	16.6 +- 2.0	2
56.26 - 78.75 ENE	17.3 +- 1.4	3
78.76 - 101.25 E	16.6 +- 0.7	2
101.26 - 123.75 ESE	15.4 +- 1.6	2
123.76 - 146.25 SE	17.0 +- 0.4	3
146.26 - 168.75 SSE	14.8 +- 0.6	4
168.76 - 191.25 S	16.7 +- 1.5	2
191.26 - 213.75 SSW	15.1 +- 0.7	2
213.76 - 236.25 SW	16.1 +- 0.3	2
236.26 - 258.75 WSW	17.2 +- 1.0	2
258.76 - 281.25 W	15.2 +- 0.3	3
281.26 - 303.75 WNW	16.4 +- 0.7	3
303.76 - 326.25 NW	15.8 +- 1.1	5
326.26 - 348.75 NNW	17.2 +- 1.3	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.4 +- 1.0	12
2 - 5	16.6 +- 1.3	16
> 5	15.9 +- 1.3	15
Upwind Control	17.5 +- 0.0	1

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



HARRIS

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 88 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	36 2.6	18.5 +- 0.6; 2.8	14.2 +- 0.7; 4.1	17.3 +- 2.2
2	25 3.2	17.8 +- 0.5; 2.7	13.4 +- 0.7; 4.1	15.0 +- 3.8
3	5 2.5	19.8 +- 0.6; 3.0	15.5 +- 0.7; 4.3	17.4 +- 1.8
4	27 1.5	19.4 +- 0.6; 2.9	15.1 +- 0.7; 4.2	18.4 +- 2.3
5	36 0.9	Damaged Dosimeter	No Net Data	14.9 +- 1.8
6	68 0.8	15.5 +- 0.5; 2.3	11.1 +- 0.6; 3.8	13.1 +- 3.6
7	98 0.7	17.4 +- 0.5; 2.6	13.1 +- 0.6; 4.0	16.0 +- 1.7
8	232 0.7	16.8 +- 0.5; 2.5	12.4 +- 0.6; 4.0	14.2 +- 3.6
9	190 0.8	15.1 +- 0.5; 2.3	10.7 +- 0.6; 3.8	12.7 +- 3.7
10	158 0.7	16.6 +- 0.5; 2.5	12.2 +- 0.6; 3.9	14.1 +- 3.8
11	42 4.7	19.8 +- 0.6; 3.0	15.5 +- 0.7; 4.3	20.1 +- 2.3
12	40 8.6	19.0 +- 0.6; 2.9	14.7 +- 0.7; 4.2	16.6 +- 3.6
13	298 13.0	16 +- 0.5; 2.5	12.1 +- 0.6; 3.9	13.7 +- 3.8
14	298 12.0	16.7 +- 0.5; 2.5	12.4 +- 0.6; 4.0	14.5 +- 3.9
15	298 11.0	15.2 +- 0.5; 2.3	10.8 +- 0.6; 3.8	13.1 +- 3.9
16	332 4.8	16.1 +- 0.5; 2.4	11.8 +- 0.6; 3.9	14.6 +- 3.9
17	291 4.5	13.1 +- 0.4; 2.0	8.6 +- 0.5; 3.6	13.5 +- 3.3
18	270 5.1	17.3 +- 0.5; 2.6	12.9 +- 0.6; 4.0	14.6 +- 3.5
19	240 5.1	20.0 +- 0.6; 3.0	15.8 +- 0.7; 4.3	17.0 +- 3.8
20	227 4.8	16.3 +- 0.5; 2.4	11.9 +- 0.6; 3.9	12.6 +- 3.7
21	208 4.8	15.3 +- 0.5; 2.3	10.9 +- 0.6; 3.8	12.5 +- 3.8
22	190 4.6	16.9 +- 0.5; 2.5	12.5 +- 0.6; 4.0	14.4 +- 3.5
23	151 4.8	15.0 +- 0.4; 2.2	10.6 +- 0.6; 3.8	14.2 +- 4.0
24	132 4.7	15.9 +- 0.5; 2.4	11.5 +- 0.6; 3.9	13.9 +- 4.0
25	112 5.0	17.5 +- 0.5; 2.6	13.1 +- 0.6; 4.0	16.0 +- 3.7
26	92 4.6	15.2 +- 0.5; 2.3	10.8 +- 0.6; 3.8	13.0 +- 2.8
27	115 2.8	17.1 +- 0.5; 2.6	12.8 +- 0.6; 4.0	14.7 +- 2.4
28	135 2.3	14.4 +- 0.4; 2.2	10.0 +- 0.6; 3.7	11.7 +- 3.8
29	164 2.2	16.1 +- 0.5; 2.4	11.7 +- 0.6; 3.9	15.1 +- 3.9
30	49 2.2	16.2 +- 0.5; 2.4	11.8 +- 0.6; 3.9	14.4 +- 3.5
31	276 1.8	16.1 +- 0.5; 2.4	11.7 +- 0.6; 3.9	14.1 +- 3.7
32	292 1.7	19.8 +- 0.6; 3.0	15.6 +- 0.7; 4.3	18.0 +- 2.1
33	314 1.4	18.5 +- 0.6; 2.8	14.2 +- 0.7; 4.1	16.4 +- 3.7
34	329 1.3	17.3 +- 0.5; 2.6	13.0 +- 0.6; 4.0	16.4 +- 3.8
35	350 4.5	18.4 +- 0.6; 2.8	14.1 +- 0.7; 4.1	16.8 +- 1.8
36	338 4.4	15.5 +- 0.5; 2.3	11.1 +- 0.6; 3.8	17.2 +- 3.9
37	16 4.9	15.1 +- 0.5; 2.3	10.7 +- 0.6; 3.8	16.6 +- 2.3
38	68 4.8	14.9 +- 0.4; 2.2	10.5 +- 0.6; 3.8	13.2 +- 1.9
39	80 6.9	17.7 +- 0.5; 2.7	13.3 +- 0.7; 4.0	15.3 +- 1.8
40	80 6.9	14.8 +- 0.4; 2.2	10.4 +- 0.6; 3.8	14.6 +- 2.1
41	118 9.7	21.7 +- 0.7; 3.3	17.5 +- 0.8; 4.5	19.1 +- 4.0
42	260 1.1	16.1 +- 0.5; 2.4	11.8 +- 0.6; 3.9	14.2 +- 3.7
43	333 1.7	17.1 +- 0.5; 2.6	12.7 +- 0.6; 4.0	16.2 +- 4.4
44	50 24.0	21.3 +- 0.6; 3.2	17.0 +- 0.7; 4.4	20.6 +- 4.0

Transit Dose = 4.6 +- 0.4; 2.9

HARRIS

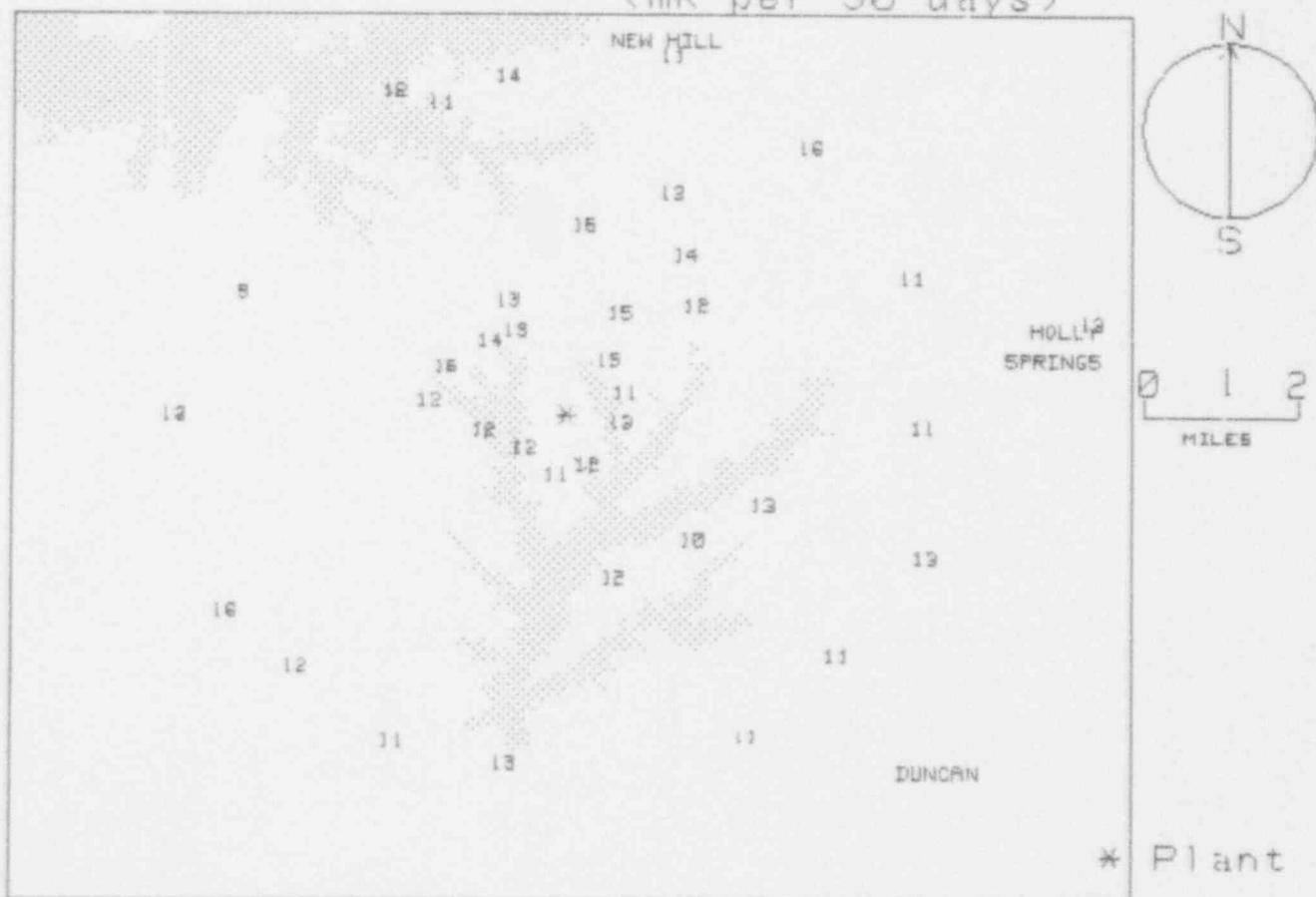
For the period 921208-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.8 +- 1.0	2
11.26 - 33.75 NNE	13.1 +- 2.2	3
33.76 - 56.25 NE	14.6 +- 1.9	5
56.26 - 78.75 ENE	10.8 +- 0.4	2
78.76 - 101.25 E	11.9 +- 1.5	4
101.26 - 123.75 ESE	14.5 +- 2.6	3
123.76 - 146.25 SE	10.8 +- 1.0	2
146.26 - 168.75 SSE	11.5 +- 0.8	3
168.76 - 191.25 S	11.6 +- 1.3	2
191.26 - 213.75 SSW	10.9 +- 0.0	1
213.76 - 236.25 SW	12.2 +- 0.4	2
236.26 - 258.75 WSW	15.8 +- 0.0	1
258.76 - 281.25 W	12.1 +- 0.7	3
281.26 - 303.75 WNW	12.1 +- 4.9	2
303.76 - 326.25 NW	14.2 +- 0.0	1
326.26 - 348.75 NNW	12.1 +- 0.9	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.8 +- 1.5	12
2 - 5	12.1 +- 1.8	21
> 5	14.5 +- 2.5	7
Upwind Control	11.8 +- 0.8	3

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



HATCH

TLD Direct Radiation Environmental Monitoring

For the period 921208-930422 136 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	342	23.0	19.1 +- 0.6; 2.9	17.9 +- 0.7; 4.1	16.2 +- 2.5
2	359	7.7	16.7 +- 0.5; 2.5	15.3 +- 0.6; 3.9	14.2 +- 2.5
3	354	4.5	17.3 +- 0.5; 2.6	16.0 +- 0.6; 3.9	14.1 +- 2.6
4	336	2.9	15.4 +- 0.5; 2.3	14.0 +- 0.6; 3.7	13.2 +- 2.4
5	309	4.6	16.0 +- 0.5; 2.4	14.6 +- 0.6; 3.8	13.6 +- 2.5
6	297	5.6	18.1 +- 0.5; 2.7	16.8 +- 0.6; 4.0	15.7 +- 2.8
7	24	2.8	16.9 +- 0.5; 2.5	15.6 +- 0.6; 3.9	13.9 +- 2.8
8	49	2.0	15.9 +- 0.5; 2.4	14.5 +- 0.6; 3.8	13.9 +- 2.6
9	49	10.0	15.3 +- 0.5; 2.3	13.9 +- 0.6; 3.7	13.7 +- 2.5
10	28	4.8	16.9 +- 0.5; 2.5	15.6 +- 0.6; 3.9	14.3 +- 2.5
11	67	5.0	15.9 +- 0.5; 2.4	14.5 +- 0.6; 3.8	14.3 +- 2.4
12	50	5.1	20.6 +- 0.6; 3.1	19.5 +- 0.7; 4.3	18.3 +- 3.0
13	353	2.0	14.6 +- 0.4; 2.2	13.1 +- 0.5; 3.6	12.7 +- 2.5
14	341	1.6	16.5 +- 0.5; 2.5	15.2 +- 0.6; 3.8	14.7 +- 2.6
15	147	10.0	15.4 +- 0.5; 2.3	13.9 +- 0.6; 3.7	13.0 +- 2.2
16	232	0.9	15.6 +- 0.5; 2.3	14.2 +- 0.6; 3.7	13.2 +- 2.3
17	205	1.6	16.8 +- 0.5; 2.5	15.5 +- 0.6; 3.9	14.4 +- 2.5
18	192	4.2	12.6 +- 0.4; 1.9	11.0 +- 0.5; 3.4	11.8 +- 2.2
19	184	4.2	13.1 +- 0.4; 2.0	11.6 +- 0.5; 3.5	11.5 +- 2.4
20	165	4.6	14.6 +- 0.4; 2.2	13.1 +- 0.5; 3.6	12.3 +- 2.6
21	135	4.4	15.1 +- 0.5; 2.3	13.6 +- 0.6; 3.7	12.9 +- 2.3
22	120	4.1	15.5 +- 0.5; 2.3	14.1 +- 0.6; 3.7	14.6 +- 2.7
23	107	3.7	14.3 +- 0.4; 2.2	12.9 +- 0.5; 3.6	13.7 +- 2.4
24	123	14.0	14.5 +- 0.4; 2.2	13.0 +- 0.5; 3.6	12.4 +- 2.4
25	114	12.0	15.3 +- 0.5; 2.3	13.9 +- 0.6; 3.7	13.5 +- 2.4
26	142	1.8	15.5 +- 0.5; 2.3	14.1 +- 0.6; 3.7	14.4 +- 2.6
27	157	2.2	14.9 +- 0.4; 2.2	13.4 +- 0.6; 3.7	13.5 +- 2.3
28	171	0.9	15.9 +- 0.5; 2.4	14.5 +- 0.6; 3.8	14.6 +- 2.3
29	253	1.0	15.2 +- 0.5; 2.3	13.8 +- 0.6; 3.7	13.8 +- 3.5
30	270	1.0	17.5 +- 0.5; 2.6	16.2 +- 0.6; 3.9	15.3 +- 3.2
31	292	1.1	15.9 +- 0.5; 2.4	14.5 +- 0.6; 3.8	13.9 +- 2.5
32	268	4.2	15.0 +- 0.5; 2.3	13.6 +- 0.6; 3.7	13.7 +- 2.3
33	248	4.3	14.1 +- 0.4; 2.1	12.6 +- 0.5; 3.6	12.3 +- 2.6
34	216	4.1	13.5 +- 0.4; 2.0	12.0 +- 0.5; 3.5	11.6 +- 2.5
35	234	12.0	17.1 +- 0.5; 2.6	15.7 +- 0.6; 3.9	13.6 +- 2.5
36	182	10.0	Missing Dosimeter	No Net Data	13.0 +- 3.0
37	177	10.0	14.4 +- 0.4; 2.2	12.9 +- 0.5; 3.6	12.5 +- 2.4
38	323	12.0	17.3 +- 0.5; 2.6	16.0 +- 0.6; 3.9	15.1 +- 2.6
39	321	13.0	17.7 +- 0.5; 2.7	16.4 +- 0.6; 4.0	15.3 +- 2.5
40	323	12.0	16.5 +- 0.5; 2.5	15.2 +- 0.6; 3.8	15.3 +- 2.6

Transit Dose = 2.2 +- 0.3; 2.6

HATCH

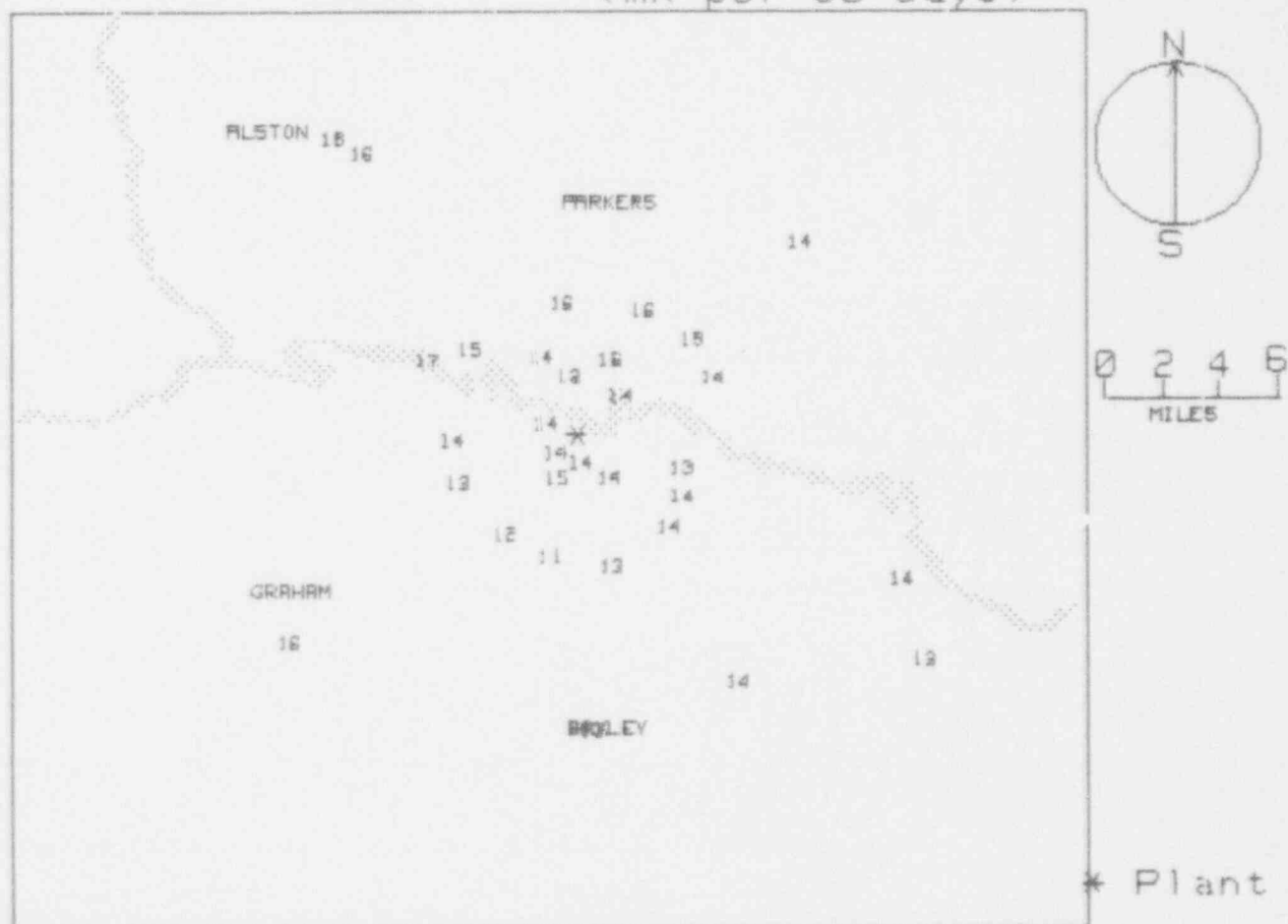
For the period 921208-930422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.8 +- 1.5	3
11.26 - 33.75 NNE	15.6 +- 0.0	2
33.76 - 56.25 NE	15.9 +- 3.1	3
56.26 - 78.75 ENE	14.5 +- 0.0	1
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	13.5 +- 0.6	4
123.76 - 146.25 SE	13.8 +- 0.3	2
146.26 - 168.75 SSE	13.5 +- 0.4	3
168.76 - 191.25 S	13.0 +- 1.5	3
191.26 - 213.75 SSW	13.2 +- 3.2	2
213.76 - 236.25 SW	14.0 +- 1.9	3
236.26 - 258.75 WSW	13.2 +- 0.8	2
258.76 - 281.25 W	14.9 +- 1.8	2
281.26 - 303.75 WNW	15.7 +- 1.7	2
303.76 - 326.25 NW	14.6 +- 0.0	1
326.26 - 348.75 NNW	15.7 +- 2.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 0.9	10
2 - 5	13.6 +- 1.4	16
> 5	15.3 +- 2.2	10
Upwind Control	15.8 +- 0.6	3

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



INDIAN POINT

TLD Direct Radiation Environmental Monitoring

For the period 921209-930422 135 Days

Field Time: 85 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	52	1.4	16.4 +- 0.5; 2.5		11.2 +- 0.7; 4.1		13.1 +- 2.1	
2	53	1.0	18.3 +- 0.5; 2.7		13.2 +- 0.7; 4.3		15.2 +- 2.3	
3	61	1.5	19.2 +- 0.6; 2.9		14.2 +- 0.7; 4.4		14.9 +- 1.6	
4	89	1.2	20.1 +- 0.6; 3.0		15.1 +- 0.8; 4.5		15.4 +- 1.9	
5	107	0.9	19.2 +- 0.6; 2.9		14.2 +- 0.7; 4.4		15.8 +- 1.7	
6	90	0.5	19.5 +- 0.6; 2.9		14.4 +- 0.7; 4.4		16.1 +- 1.7	
7	133	0.8	18.5 +- 0.6; 2.8		13.5 +- 0.7; 4.3		15.3 +- 2.0	
8	158	0.8	20.2 +- 0.6; 3.0		15.3 +- 0.8; 4.5		16.0 +- 1.6	
9	188	1.2	20.8 +- 0.6; 3.1		15.9 +- 0.8; 4.6		17.1 +- 1.8	
10	206	0.9	17.9 +- 0.5; 2.7		12.8 +- 0.7; 4.2		15.6 +- 1.9	
11	170	1.1	17.0 +- 0.5; 2.6		11.9 +- 0.7; 4.1		13.7 +- 1.5	
12	155	2.3	17.7 +- 0.5; 2.7		12.6 +- 0.7; 4.2		15.1 +- 1.8	
13	136	3.2	18.5 +- 0.6; 2.8		13.4 +- 0.7; 4.3		15.0 +- 1.8	
14	107	3.1	16.8 +- 0.5; 2.5		11.6 +- 0.7; 4.1		14.1 +- 1.8	
15	94	3.8	Missing Dosimeter		No Net Data		14.9 +- 1.5	
16	142	5.7	19.4 +- 0.6; 2.9		14.4 +- 0.7; 4.4		16.5 +- 1.6	
18	147	9.1	20.2 +- 0.6; 3.0		15.2 +- 0.8; 4.5		16.3 +- 1.7	
19	137	12.0	17.5 +- 0.5; 2.6		12.3 +- 0.7; 4.2		15.4 +- 2.5	
20	129	12.0	17.5 +- 0.5; 2.6		12.3 +- 0.7; 4.2		15.4 +- 1.8	
22	74	7.5	19.3 +- 0.6; 2.9		14.3 +- 0.7; 4.4		15.8 +- 1.8	
23	92	5.0	19.8 +- 0.6; 3.0		14.8 +- 0.7; 4.4		16.8 +- 1.5	
24	92	5.0	20.9 +- 0.6; 3.1		16.0 +- 0.8; 4.6		16.8 +- 1.8	
25	65	4.1	18.6 +- 0.6; 2.8		13.6 +- 0.7; 4.3		15.1 +- 1.8	
26	40	4.0	20.8 +- 0.6; 3.1		15.9 +- 0.8; 4.6		18.1 +- 1.4	
27	25	5.3	20.3 +- 0.6; 3.0		15.3 +- 0.8; 4.5		16.4 +- 1.9	
28	24	2.9	19.6 +- 0.6; 2.9		14.6 +- 0.7; 4.4		15.8 +- 1.6	
29	22	2.1	20.4 +- 0.6; 3.1		15.4 +- 0.8; 4.5		15.7 +- 1.7	
30	8	1.9	20.4 +- 0.6; 3.1		15.4 +- 0.8; 4.5		16.9 +- 1.9	
31	356	5.0	18.8 +- 0.6; 2.8		13.7 +- 0.7; 4.3		16.1 +- 1.9	
32	330	3.7	20.0 +- 0.6; 3.0		15.0 +- 0.8; 4.5		17.4 +- 1.6	
33	338	4.7	20.4 +- 0.6; 3.1		15.4 +- 0.8; 4.5		17.7 +- 1.6	
34	354	7.0	20.2 +- 0.6; 3.0		15.2 +- 0.8; 4.5		19.6 +- 3.0	
35	297	4.4	18.6 +- 0.6; 2.8		13.6 +- 0.7; 4.3		16.8 +- 1.8	
36	309	3.6	22.0 +- 0.7; 3.3		17.1 +- 0.8; 4.7		22.1 +- 8.6	
37	350	1.1	19.6 +- 0.6; 2.9		14.6 +- 0.7; 4.4		17.2 +- 1.4	
38	337	0.9	20.0 +- 0.6; 3.0		15.1 +- 0.8; 4.5		17.0 +- 1.7	
39	315	1.0	19.5 +- 0.6; 2.9		14.5 +- 0.7; 4.4		15.5 +- 1.6	
40	294	1.1	19.7 +- 0.6; 3.0		14.7 +- 0.7; 4.4		17.3 +- 2.0	
41	274	1.1	25.7 +- 0.8; 3.9		21.0 +- 0.9; 5.1		18.5 +- 1.9	
42	248	1.5	19.9 +- 0.6; 3.0		14.9 +- 0.8; 4.4		17.6 +- 1.9	
44	92	5.0	20.0 +- 0.6; 3.0		15.0 +- 0.8; 4.5		16.7 +- 1.8	
45	227	2.4	20.7 +- 0.6; 3.1		15.7 +- 0.8; 4.5		17.0 +- 2.3	
46	209	3.2	17.6 +- 0.5; 2.6		12.5 +- 0.7; 4.2		15.6 +- 2.2	
47	218	5.3	19.1 +- 0.6; 2.9		14.1 +- 0.7; 4.4		15.6 +- 1.7	
48	201	4.6	20.2 +- 0.6; 3.0		15.2 +- 0.8; 4.5		16.3 +- 1.5	
49	187	5.2	18.0 +- 0.5; 2.7		12.9 +- 0.7; 4.2		14.2 +- 1.8	
50	171	7.1	17.8 +- 0.5; 2.7		12.7 +- 0.7; 4.2		14.6 +- 1.6	

Transit Dose = 5.8 +- 0.4; 3.0

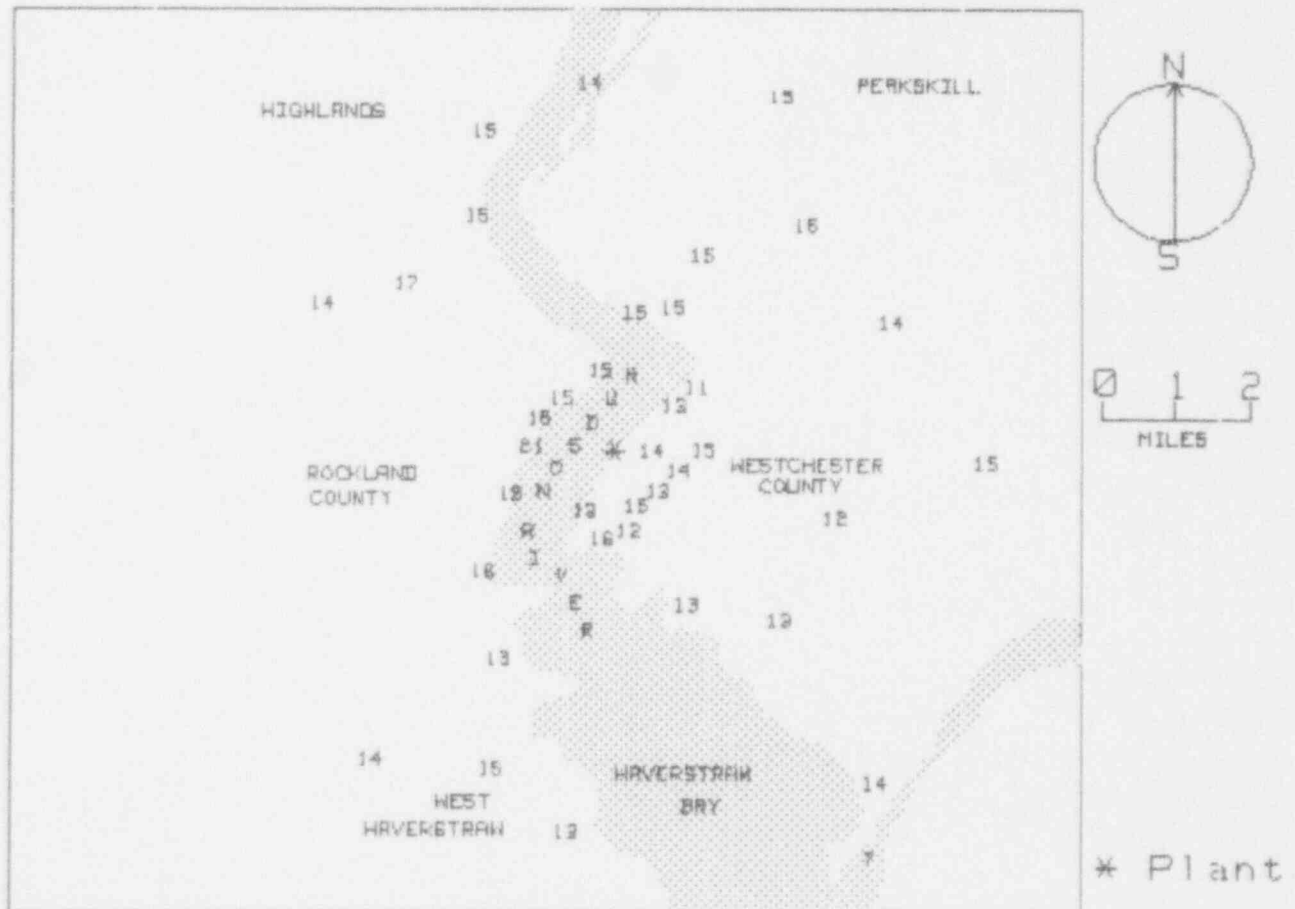
INDIAN POINT
For the period 921209-930422

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 +- 0.7	5
11.26 - 33.75 NNE	15.1 +- 0.5	3
33.76 - 56.25 NE	13.4 +- 2.4	3
56.26 - 78.75 ENE	14.0 +- 0.4	3
78.76 - 101.25 E	14.8 +- 0.4	3
101.26 - 123.75 ESE	12.9 +- 1.8	2
123.76 - 146.25 SE	13.2 +- 0.9	5
146.26 - 168.75 SSE	14.4 +- 1.5	3
168.76 - 191.25 S	13.3 +- 1.8	4
191.26 - 213.75 SSW	13.5 +- 1.5	3
213.76 - 236.25 SW	14.9 +- 1.2	2
236.26 - 258.75 WSW	14.9 +- 0.0	1
258.76 - 281.25 W	21.0 +- 0.0	1
281.26 - 303.75 WNW	14.1 +- 0.8	2
303.76 - 326.25 NW	15.8 +- 1.9	2
326.26 - 348.75 NNW	15.2 +- 0.2	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 2.0	18
2 - 5	14.4 +- 1.5	16
> 5	13.9 +- 1.2	10
Upwind Control	15.4 +- 0.9	2

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



KEWAUNEE/PT. BEACH
 TLD Direct Radiation Environmental Monitoring
 For the period 921207-930421 136 Days
 Field Time: 89 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev
1	189	8.1	17.3	+- 0.5; 2.6	14.4	+- 0.6; 3.9	12.5 +- 1.8
2	195	7.0	22.0	+- 0.7; 3.3	19.1	+- 0.7; 4.4	17.4 +- 2.0
3	163	4.9	16.5	+- 0.5; 2.5	13.7	+- 0.6; 3.8	13.1 +- 2.1
4	183	3.3	21.5	+- 0.6; 3.2	18.7	+- 0.7; 4.3	16.3 +- 2.3
5	210	3.2	17.4	+- 0.5; 2.6	14.6	+- 0.6; 3.9	12.2 +- 2.3
6	223	3.7	20.7	+- 0.6; 3.1	17.9	+- 0.7; 4.2	16.4 +- 2.4
7	242	5.7	18.4	+- 0.6; 2.8	15.5	+- 0.6; 4.0	13.9 +- 1.7
8	202	1.8	21.9	+- 0.7; 3.3	19.1	+- 0.7; 4.4	16.9 +- 1.9
9	180	1.8	19.7	+- 0.6; 3.0	16.8	+- 0.7; 4.1	15.7 +- 2.1
10	158	1.9	17.8	+- 0.5; 2.7	15.0	+- 0.6; 3.9	12.9 +- 2.0
11	235	1.2	20.6	+- 0.6; 3.1	17.8	+- 0.7; 4.2	16.8 +- 2.3
12	258	1.4	19.3	+- 0.6; 2.9	16.5	+- 0.7; 4.1	15.3 +- 2.2
13	273	1.4	18.5	+- 0.6; 2.8	15.6	+- 0.6; 4.0	15.6 +- 2.1
14	290	0.9	20.6	+- 0.6; 3.1	17.8	+- 0.7; 4.2	16.6 +- 1.9
15	333	0.8	19.9	+- 0.6; 3.0	17.1	+- 0.7; 4.2	15.4 +- 2.1
16	342	1.9	19.9	+- 0.6; 3.0	17.0	+- 0.7; 4.2	15.3 +- 2.0
17	317	2.0	19.2	+- 0.6; 2.9	16.3	+- 0.7; 4.1	13.6 +- 2.8
18	310	3.4	21.6	+- 0.6; 3.2	18.8	+- 0.7; 4.3	17.6 +- 1.9
19	293	4.0	18.7	+- 0.6; 2.8	15.9	+- 0.6; 4.0	14.7 +- 2.5
20	273	4.0	20.2	+- 0.6; 3.0	17.4	+- 0.7; 4.2	14.3 +- 2.5
21	300	5.6	18.4	+- 0.6; 2.8	15.5	+- 0.6; 4.0	14.5 +- 1.8
22	316	5.9	19.3	+- 0.6; 2.9	16.4	+- 0.7; 4.1	15.2 +- 2.1
23	345	2.7	20.6	+- 0.6; 3.1	17.8	+- 0.7; 4.2	16.6 +- 2.3
24	219	1.3	18.7	+- 0.6; 2.8	15.8	+- 0.6; 4.0	14.8 +- 2.1
25	247	1.4	20.5	+- 0.6; 3.1	17.7	+- 0.7; 4.2	16.4 +- 1.8
26	263	1.3	20.1	+- 0.6; 3.0	17.3	+- 0.7; 4.2	16.1 +- 2.0
27	290	1.4	20.2	+- 0.6; 3.0	17.3	+- 0.7; 4.2	16.6 +- 2.0
28	320	1.3	21.7	+- 0.6; 3.2	18.8	+- 0.7; 4.4	16.6 +- 2.3
29	342	1.1	21.1	+- 0.6; 3.2	18.3	+- 0.7; 4.3	15.6 +- 2.8
30	329	0.6	21.0	+- 0.6; 3.1	18.1	+- 0.7; 4.3	16.3 +- 2.0
31	13	1.0	19.7	+- 0.6; 3.0	16.9	+- 0.7; 4.1	14.6 +- 1.9
32	353	2.1	20.1	+- 0.6; 3.0	17.2	+- 0.7; 4.2	16.0 +- 2.0
33	301	3.9	18.9	+- 0.6; 2.8	16.1	+- 0.7; 4.0	15.2 +- 2.0
34	299	8.4	20.3	+- 0.6; 3.0	17.4	+- 0.7; 4.2	15.9 +- 1.9
35	323	3.8	20.0	+- 0.6; 3.0	17.1	+- 0.7; 4.2	13.9 +- 2.1
36	336	3.3	21.1	+- 0.6; 3.2	18.3	+- 0.7; 4.3	16.3 +- 2.2
37	6	3.1	18.9	+- 0.6; 2.8	16.1	+- 0.7; 4.0	14.5 +- 1.9
38	14	3.7	19.5	+- 0.6; 2.9	16.6	+- 0.7; 4.1	15.2 +- 2.0
39	13	7.6	18.4	+- 0.6; 2.8	15.5	+- 0.6; 4.0	13.0 +- 1.7
40	247	4.3	20.8	+- 0.6; 3.1	18.0	+- 0.7; 4.3	17.9 +- 2.1
41	8	23.0	18.9	+- 0.6; 2.8	16.1	+- 0.7; 4.0	13.1 +- 2.6
42	8	23.0	18.4	+- 0.6; 2.8	15.6	+- 0.6; 4.0	13.5 +- 2.1
43	8	23.0	18.1	+- 0.5; 2.7	15.2	+- 0.6; 4.0	12.8 +- 2.1

Transit Dose = 3.0 +- 0.3; 2.8

KEWAUNEE/PT. BEACH

For the period 921207-930421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.6 +- 0.8	2
11.26 - 33.75 NNE	16.3 +- 0.7	3
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	14.3 +- 0.9	2
168.76 - 191.25 S	16.7 +- 2.1	3
191.26 - 213.75 SSW	17.6 +- 2.6	3
213.76 - 236.25 SW	17.2 +- 1.1	3
236.26 - 258.75 WSW	16.9 +- 1.2	4
258.76 - 281.25 W	16.8 +- 1.0	3
281.26 - 303.75 WNW	16.7 +- 1.0	6
303.76 - 326.25 NW	17.5 +- 1.2	5
326.26 - 348.75 NNW	17.8 +- 0.6	6

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.2 +- 1.1	18
2 - 5	16.9 +- 1.5	15
> 5	16.3 +- 1.6	7
Upwind Control	15.6 +- 0.4	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 921207-930421 136 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	5 20.0	19.4 +- 0.6; 2.9	14.4 +- 0.7; 4.4	15.0 +- 1.9
2	5 20.0	20.6 +- 0.6; 3.1	15.7 +- 0.8; 4.5	15.2 +- 1.6
3	3 20.0	20.4 +- 0.6; 3.1	15.4 +- 0.8; 4.5	15.7 +- 1.5
4	343 3.8	20.5 +- 0.6; 3.1	15.5 +- 0.8; 4.5	15.1 +- 1.7
5	313 3.8	19.4 +- 0.6; 2.9	14.3 +- 0.7; 4.4	17.6 +- 2.9
6	291 3.0	20.2 +- 0.6; 3.0	15.2 +- 0.8; 4.5	16.2 +- 1.5
7	261 4.8	20.7 +- 0.6; 3.1	15.7 +- 0.8; 4.5	17.7 +- 1.7
8	249 3.2	21.4 +- 0.6; 3.2	16.5 +- 0.8; 4.6	17.5 +- 1.9
9	214 5.0	19.2 +- 0.6; 2.9	14.1 +- 0.7; 4.4	15.8 +- 1.7
10	171 9.8	19.4 +- 0.6; 2.9	14.3 +- 0.7; 4.4	14.2 +- 1.4
11	176 5.1	19.9 +- 0.6; 3.0	14.9 +- 0.8; 4.5	14.8 +- 1.2
12	165 4.9	19.0 +- 0.6; 2.8	13.9 +- 0.7; 4.4	16.4 +- 1.4
13	138 3.5	20.0 +- 0.6; 3.0	15.0 +- 0.8; 4.5	16.6 +- 1.7
14	114 4.2	20.2 +- 0.6; 3.0	15.2 +- 0.8; 4.5	15.4 +- 1.6
15	97 3.9	19.6 +- 0.6; 2.9	14.6 +- 0.7; 4.4	14.8 +- 1.1
16	94 3.0	21.1 +- 0.6; 3.2	16.2 +- 0.8; 4.6	16.7 +- 1.8
17	105 2.0	18.3 +- 0.5; 2.7	13.1 +- 0.7; 4.3	17.2 +- 1.9
18	52 1.5	18.5 +- 0.6; 2.8	13.4 +- 0.7; 4.3	14.4 +- 1.5
19	16 1.5	18.1 +- 0.5; 2.7	12.9 +- 0.7; 4.3	14.8 +- 1.4
20	1 1.0	18.0 +- 0.5; 2.7	12.9 +- 0.7; 4.2	13.9 +- 1.3
21	358 0.5	20.7 +- 0.6; 3.1	15.8 +- 0.8; 4.5	17.4 +- 1.4
22	180 0.6	21.7 +- 0.7; 3.3	16.8 +- 0.8; 4.7	16.3 +- 1.4
23	134 1.7	19.0 +- 0.6; 2.8	13.9 +- 0.7; 4.4	16.9 +- 1.4
24	58 0.6	21.2 +- 0.6; 3.2	16.3 +- 0.8; 4.6	17.4 +- 1.9
25	59 3.1	19.7 +- 0.6; 3.0	14.7 +- 0.7; 4.4	17.7 +- 1.6
26	16 1.5	20.7 +- 0.6; 3.1	15.8 +- 0.8; 4.5	16.6 +- 1.8
27	26 5.1	18.5 +- 0.6; 2.8	13.4 +- 0.7; 4.3	15.6 +- 1.3
28	25 7.0	18.7 +- 0.6; 2.8	13.6 +- 0.7; 4.3	14.1 +- 1.7
29	4 4.8	20.5 +- 0.6; 3.1	15.5 +- 0.8; 4.5	16.1 +- 1.8

Transit Dose = 5.8 +- 0.4; 3.0

LACROSSE

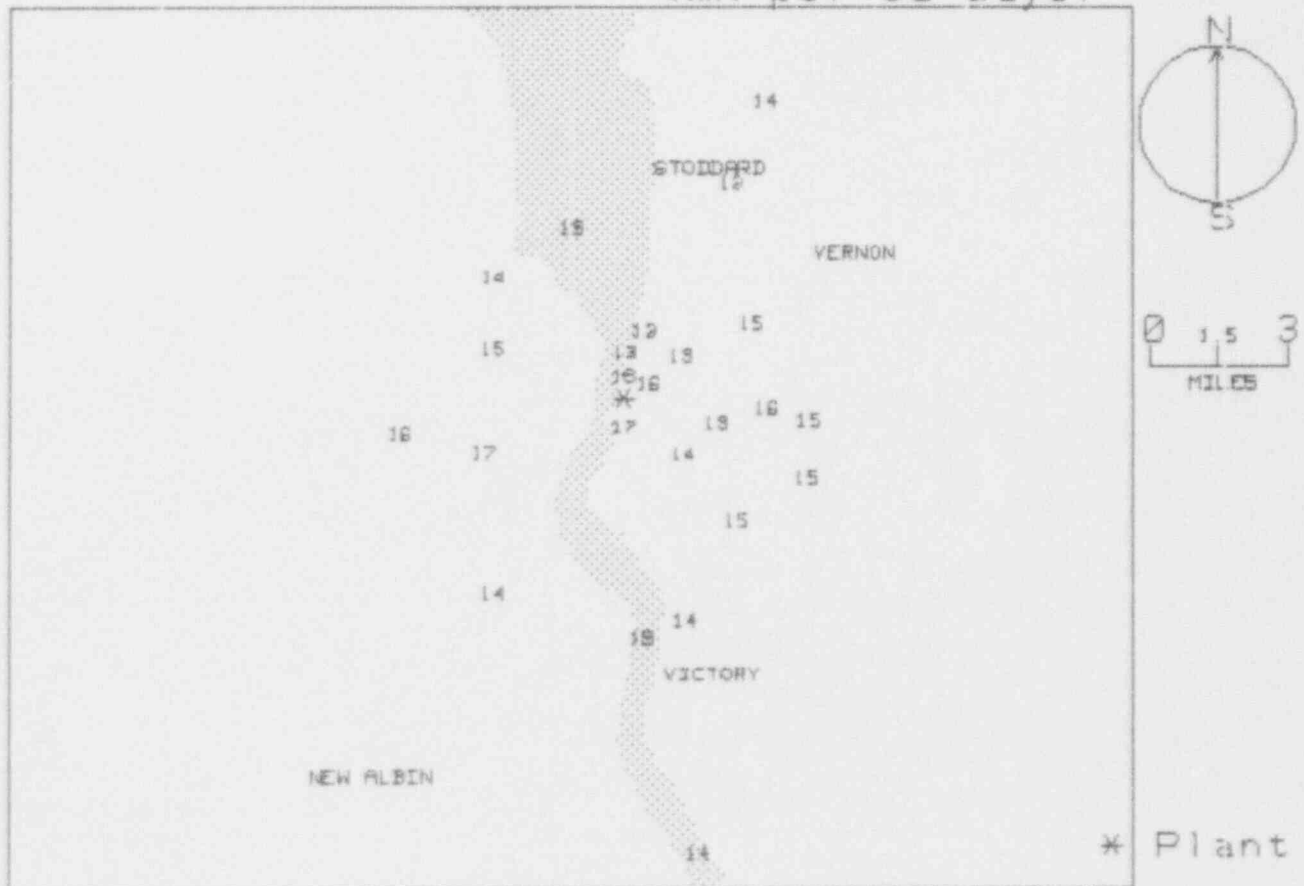
For the period 921207-930421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.7 +- 1.6	3
11.26 - 33.75 NNE	13.9 +- 1.3	4
33.76 - 56.25 NE	13.4 +- 0.0	1
56.26 - 78.75 ENE	15.5 +- 1.1	2
78.76 - 101.25 E	15.4 +- 1.1	2
101.26 - 123.75 ESE	14.2 +- 1.4	2
123.76 - 146.25 SE	14.4 +- 0.7	2
146.26 - 168.75 SSE	13.9 +- 0.0	1
168.76 - 191.25 S	15.3 +- 1.3	3
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	14.1 +- 0.0	1
236.26 - 258.75 WSW	16.5 +- 0.0	1
258.76 - 281.25 W	15.7 +- 0.0	1
281.26 - 303.75 WNW	15.2 +- 0.0	1
303.76 - 326.25 NW	14.3 +- 0.0	1
326.26 - 348.75 NNW	15.5 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 1.6	9
2 - 5	15.1 +- 0.8	13
> 5	14.0 +- 0.7	4
Upwind Control	15.1 +- 0.7	3

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



LASALLE

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 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	302	10.0	21.5 +- 0.6; 3.2	17.3 +- 0.8; 4.6	18.5 +- 7.6
2	335	5.3	21.6 +- 0.6; 3.2	17.3 +- 0.8; 4.6	21.1 +- 8.8
3	343	5.8	18.7 +- 0.6; 2.8	14.3 +- 0.7; 4.3	16.8 +- 7.7
4	38	5.5	19.7 +- 0.6; 2.9	15.3 +- 0.7; 4.4	20.2 +- 8.3
5	39	4.3	18.5 +- 0.6; 2.8	14.1 +- 0.7; 4.3	15.7 +- 6.7
6	27	3.8	19.6 +- 0.6; 2.9	15.3 +- 0.7; 4.4	18.6 +- 7.9
7	2	4.1	Missing Dosimeter	No Net Data	21.0 +- 9.3
8	304	4.6	20.9 +- 0.6; 3.1	16.6 +- 0.8; 4.5	20.7 +- 8.9
9	292	3.9	25.1 +- 0.8; 3.8	21.1 +- 0.9; 5.0	20.8 +- 9.1
10	281	3.7	21.3 +- 0.6; 3.2	17.0 +- 0.8; 4.6	20.3 +- 8.2
11	248	4.0	20.5 +- 0.6; 3.1	16.3 +- 0.8; 4.5	19.8 +- 8.7
12	222	12.0	20.5 +- 0.6; 3.1	16.2 +- 0.8; 4.5	18.8 +- 8.2
13	212	18.0	20.4 +- 0.6; 3.1	16.1 +- 0.8; 4.5	19.7 +- 8.3
14	212	18.0	21.1 +- 0.6; 3.2	16.8 +- 0.8; 4.5	20.3 +- 8.8
15	212	18.0	21.3 +- 0.6; 3.2	17.1 +- 0.8; 4.6	20.0 +- 8.7
16	215	4.4	22.9 +- 0.7; 3.4	18.8 +- 0.8; 4.8	21.2 +- 9.1
17	204	4.0	21.2 +- 0.6; 3.2	17.0 +- 0.8; 4.6	20.4 +- 8.4
18	173	4.6	22.3 +- 0.7; 3.3	18.1 +- 0.8; 4.7	19.4 +- 1.3
19	174	6.4	19.8 +- 0.6; 3.0	15.5 +- 0.7; 4.4	18.5 +- 8.4
20	158	3.6	21.5 +- 0.6; 3.2	17.3 +- 0.8; 4.6	20.1 +- 9.2
21	124	4.2	21.0 +- 0.6; 3.2	16.8 +- 0.8; 4.5	21.2 +- 9.6
22	114	3.8	22.0 +- 0.7; 3.3	17.8 +- 0.8; 4.7	20.0 +- 8.5
23	97	4.5	19.9 +- 0.6; 3.0	15.6 +- 0.7; 4.4	19.5 +- 8.8
24	72	4.7	22.0 +- 0.7; 3.3	17.8 +- 0.8; 4.6	19.8 +- 1.5
25	41	2.0	21.9 +- 0.7; 3.3	17.7 +- 0.8; 4.6	20.2 +- 8.7
26	11	1.6	22.2 +- 0.7; 3.3	18.0 +- 0.8; 4.7	20.0 +- 9.2
27	358	1.5	22.9 +- 0.7; 3.4	18.8 +- 0.8; 4.8	20.8 +- 9.6
28	336	1.6	20.9 +- 0.6; 3.1	16.6 +- 0.8; 4.5	19.7 +- 9.1
29	310	2.3	19.8 +- 0.6; 3.0	15.4 +- 0.7; 4.4	17.6 +- 1.6
30	301	2.0	23.1 +- 0.7; 3.5	19.0 +- 0.8; 4.8	22.2 +- 8.6
31	271	1.7	21.0 +- 0.6; 3.2	16.8 +- 0.8; 4.5	18.4 +- 1.3
32	256	1.8	22.1 +- 0.7; 3.3	17.9 +- 0.8; 4.7	20.6 +- 8.9
33	227	2.4	23.7 +- 0.7; 3.6	19.6 +- 0.8; 4.9	21.8 +- 9.6
34	204	1.7	22.3 +- 0.7; 3.4	18.2 +- 0.8; 4.7	20.0 +- 8.8
35	165	1.6	21.5 +- 0.6; 3.2	17.3 +- 0.8; 4.6	20.5 +- 7.3
36	149	1.8	22.0 +- 0.7; 3.3	17.8 +- 0.8; 4.7	19.5 +- 1.4
37	139	2.1	22.4 +- 0.7; 3.4	18.2 +- 0.8; 4.7	20.3 +- 8.7
38	111	1.5	20.5 +- 0.6; 3.1	16.2 +- 0.8; 4.5	18.1 +- 7.6
39	265	0.6	22.3 +- 0.7; 3.3	18.2 +- 0.8; 4.7	21.3 +- 9.4

Transit Dose = 5.2 +- 0.4; 2.9

LASALLE

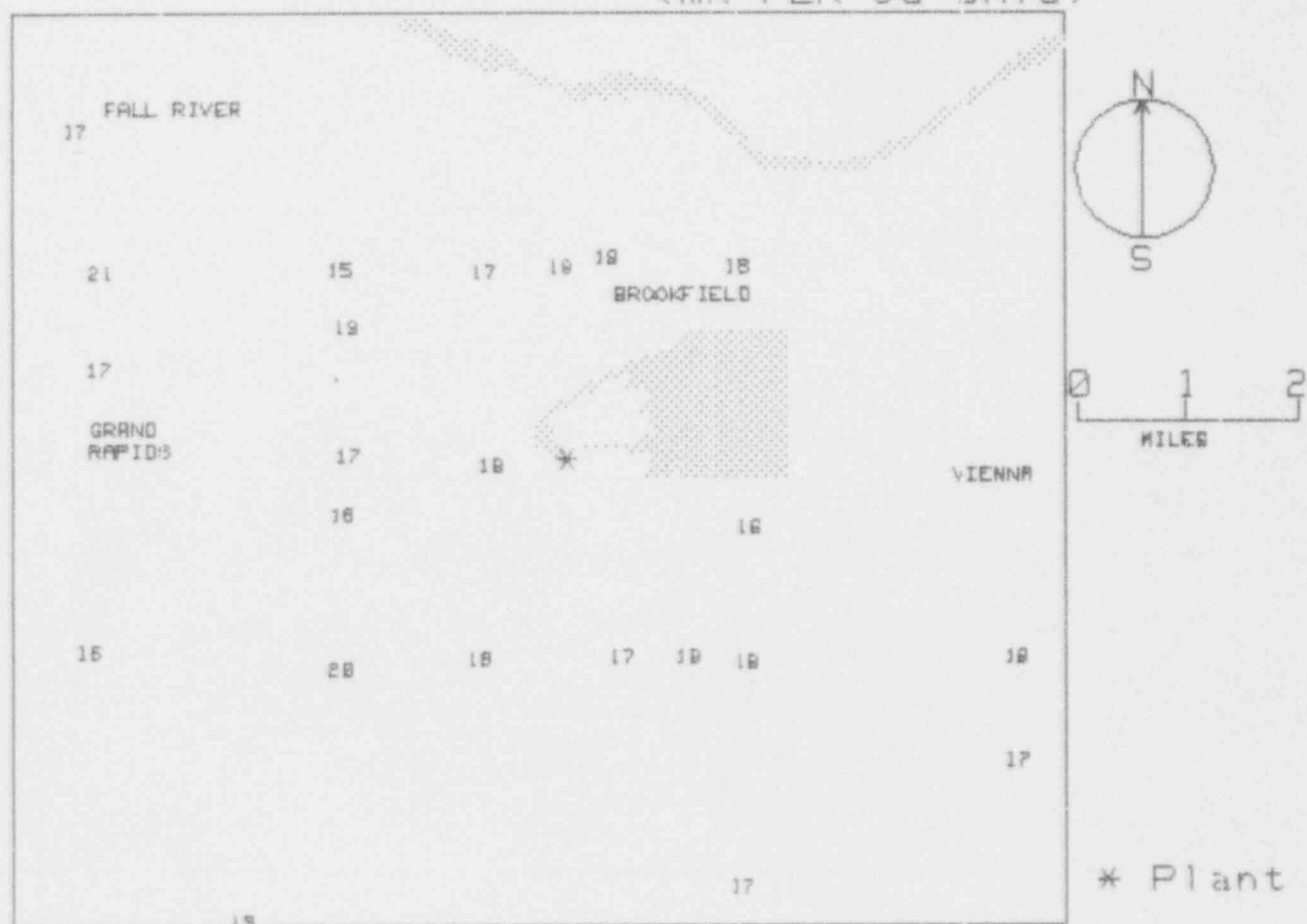
For the period 921207-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.4 +- 0.5	2
11.26 - 33.75 NNE	15.3 +- 0.0	1
33.76 - 56.25 NE	15.7 +- 1.8	3
56.26 - 78.75 ENE	17.8 +- 0.0	1
78.76 - 101.25 E	15.6 +- 0.0	1
101.26 - 123.75 ESE	17.0 +- 1.1	2
123.76 - 146.25 SE	17.5 +- 1.0	2
146.26 - 168.75 SSE	17.5 +- 0.3	3
168.76 - 191.25 S	16.8 +- 1.9	2
191.26 - 213.75 SSW	17.6 +- 0.8	2
213.76 - 236.25 SW	18.2 +- 1.8	3
236.26 - 258.75 WSW	17.1 +- 1.2	2
258.76 - 281.25 W	17.3 +- 0.7	3
281.26 - 303.75 WNW	19.1 +- 1.9	3
303.76 - 326.25 NW	16.0 +- 0.8	2
326.26 - 348.75 NNW	16.1 +- 1.6	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.7 +- 0.8	12
2 - 5	17.2 +- 1.7	17
> 5	16.0 +- 1.2	6
Upwind Control	16.7 +- 0.5	3

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



LIMERICK

TLD Direct Radiation Environmental Monitoring

For the period 921206-930415 131 Days

Field Time: 100 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	115	8.5	27.5 +- 0.8; 4.1		22.8 +- 0.8; 4.6		23.0 +- 1.9	
3	85	3.7	23.4 +- 0.7; 3.5		19.1 +- 0.7; 4.2		19.1 +- 1.4	
4	46	3.3	23.0 +- 0.7; 3.5		18.8 +- 0.7; 4.2		19.6 +- 1.7	
5	20	3.7	23.3 +- 0.7; 3.5		19.0 +- 0.7; 4.2		19.5 +- 1.7	
6	7	4.6	23.8 +- 0.7; 3.6		19.5 +- 0.7; 4.2		20.6 +- 1.5	
7	340	7.2	21.3 +- 0.6; 3.2		17.3 +- 0.6; 4.0		18.1 +- 2.0	
8	332	4.0	23.6 +- 0.7; 3.5		19.3 +- 0.7; 4.2		19.2 +- 1.5	
9	313	3.4	24.4 +- 0.7; 3.7		20.0 +- 0.7; 4.3		19.4 +- 1.7	
10	291	4.9	26.1 +- 0.8; 3.9		21.5 +- 0.8; 4.5		20.7 +- 1.8	
11	304	3.0	29.8 +- 0.9; 4.5		24.9 +- 0.9; 4.9		24.4 +- 2.0	
12	316	1.9	22.6 +- 0.7; 3.4		18.4 +- 0.7; 4.1		18.3 +- 1.7	
13	347	1.9	24.3 +- 0.7; 3.6		20.0 +- 0.7; 4.3		20.5 +- 1.7	
14	339	1.5	21.5 +- 0.6; 3.2		17.4 +- 0.6; 4.0		17.4 +- 1.4	
15	41	1.7	21.7 +- 0.7; 3.3		17.6 +- 0.6; 4.0		18.6 +- 1.7	
16	66	2.6	22.4 +- 0.7; 3.4		18.3 +- 0.7; 4.1		19.7 +- 1.6	
17	5	0.6	22.8 +- 0.7; 3.4		18.6 +- 0.7; 4.1		18.7 +- 1.9	
18	300	0.7	23.0 +- 0.7; 3.4		18.7 +- 0.7; 4.2		18.8 +- 2.1	
19	291	0.7	22.7 +- 0.7; 3.4		18.5 +- 0.7; 4.1		18.5 +- 1.8	
20	260	0.7	22.9 +- 0.7; 3.4		18.7 +- 0.7; 4.2		18.2 +- 1.6	
21	234	0.9	22.0 +- 0.7; 3.3		17.9 +- 0.7; 4.1		18.5 +- 1.7	
22	210	1.1	23.7 +- 0.7; 3.6		19.4 +- 0.7; 4.2		19.1 +- 1.5	
23	174	1.7	21.5 +- 0.6; 3.2		17.4 +- 0.6; 4.0		17.1 +- 1.5	
24	149	1.5	21.7 +- 0.6; 3.2		17.6 +- 0.6; 4.0		17.4 +- 1.9	
25	124	1.0	23.8 +- 0.7; 3.6		19.5 +- 0.7; 4.2		19.9 +- 1.6	
26	114	1.1	24.7 +- 0.7; 3.7		20.3 +- 0.7; 4.3		20.1 +- 1.9	
27	160	1.0	23.6 +- 0.7; 3.5		19.4 +- 0.7; 4.2		19.0 +- 1.7	
28	81	1.0	23.0 +- 0.7; 3.5		18.8 +- 0.7; 4.2		18.7 +- 1.9	
29	51	0.7	22.8 +- 0.7; 3.4		18.6 +- 0.7; 4.1		19.0 +- 1.7	
30	144	3.2	26.7 +- 0.8; 4.0		22.1 +- 0.8; 4.5		22.3 +- 1.9	
31	158	2.6	23.3 +- 0.7; 3.5		19.0 +- 0.7; 4.2		19.3 +- 2.3	
32	153	7.3	22.0 +- 0.7; 3.3		17.9 +- 0.7; 4.1		18.0 +- 1.6	
33	186	4.2	22.0 +- 0.7; 3.3		17.9 +- 0.7; 4.1		17.0 +- 1.8	
34	194	3.8	20.0 +- 0.6; 3.0		16.0 +- 0.6; 3.9		17.1 +- 1.6	
35	229	5.1	23.6 +- 0.7; 3.5		19.4 +- 0.7; 4.2		18.8 +- 1.6	
36	251	4.1	25.0 +- 0.7; 3.7		20.5 +- 0.7; 4.4		18.9 +- 1.9	
37	270	3.0	19.3 +- 0.6; 2.9		15.5 +- 0.6; 3.8		15.9 +- 1.6	
38	293	11.9	24.0 +- 0.7; 3.6		19.7 +- 0.7; 4.3		20.4 +- 2.0	
39	293	11.9	24.0 +- 0.7; 3.6		19.7 +- 0.7; 4.3		20.4 +- 1.8	
40	293	11.9	24.0 +- 0.7; 3.6		19.7 +- 0.7; 4.3		20.9 +- 1.8	
41	126	2.9	19.7 +- 0.6; 2.9		15.8 +- 0.6; 3.8		16.2 +- 1.8	
42	111	4.3	23.0 +- 0.7; 3.5		18.8 +- 0.7; 4.2		19.0 +- 1.8	

Transit Dose = 2.1 +- 0.3; 3.1

LIMERICK

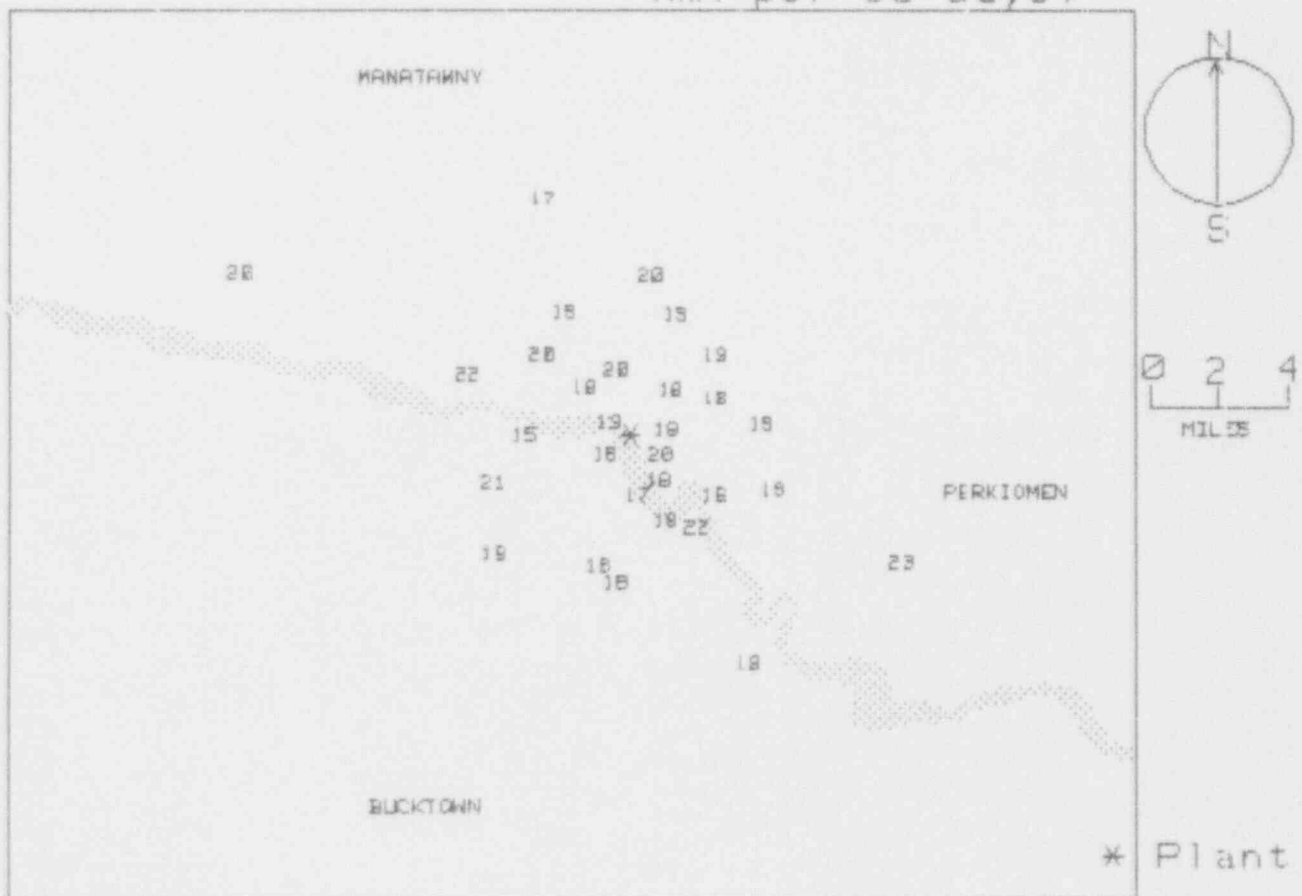
For the period 921206-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	19.1 +- 0.6	2
11.26 - 33.75 NNE	19.0 +- 0.0	1
33.76 - 56.25 NE	18.3 +- 0.7	3
56.26 - 78.75 ENE	18.3 +- 0.0	1
78.76 - 101.25 E	19.0 +- 0.2	2
101.26 - 123.75 ESE	20.6 +- 2.0	3
123.76 - 146.25 SE	19.1 +- 3.2	3
146.26 - 168.75 SSE	18.5 +- 0.9	4
168.76 - 191.25 S	17.7 +- 0.3	2
191.26 - 213.75 SSW	17.7 +- 2.4	2
213.76 - 236.25 SW	18.6 +- 1.0	2
236.26 - 258.75 WSW	20.5 +- 0.0	1
258.76 - 281.25 W	17.1 +- 2.3	2
281.26 - 303.75 WNW	19.6 +- 1.7	3
303.76 - 326.25 NW	21.1 +- 3.4	3
326.26 - 348.75 NNW	18.5 +- 1.3	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.6 +- 0.9	17
2 - 5	19.2 +- 2.3	17
> 5	19.3 +- 2.5	4
Upwind Control	19.7 +- 0.0	3

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



MAINE YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 921209-930420 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	340 1.0	20.6 +- 0.6; 3.1	16.4 +- 0.7; 4.2	18.9 +- 2.2
2	6 1.4	18.0 +- 0.5; 2.7	13.8 +- 0.6; 3.9	18.0 +- 2.5
3	23 1.5	18.5 +- 0.6; 2.8	14.3 +- 0.6; 4.0	17.4 +- 2.0
4	44 1.8	18.4 +- 0.6; 2.8	14.2 +- 0.6; 4.0	17.3 +- 2.6
5	116 0.5	Missing Dosimeter	No Net Data	17.3 +- 2.5
6	168 1.0	19.0 +- 0.6; 2.9	14.8 +- 0.7; 4.0	18.1 +- 2.2
7	185 1.6	19.1 +- 0.6; 2.9	14.9 +- 0.7; 4.0	16.8 +- 1.8
8	195 2.3	19.4 +- 0.6; 2.9	15.1 +- 0.7; 4.1	17.7 +- 2.4
9	209 3.8	19.1 +- 0.6; 2.9	14.9 +- 0.7; 4.1	17.2 +- 2.1
10	310 1.7	18.0 +- 0.5; 2.7	13.8 +- 0.6; 3.9	17.3 +- 2.6
11	290 1.8	20.2 +- 0.6; 3.0	16.0 +- 0.7; 4.2	19.9 +- 2.9
12	275 1.7	19.6 +- 0.6; 2.9	15.3 +- 0.7; 4.1	19.0 +- 2.3
13	256 1.9	17.9 +- 0.5; 2.7	13.7 +- 0.6; 3.9	17.5 +- 2.5
14	232 2.5	20.4 +- 0.6; 3.1	16.1 +- 0.7; 4.2	18.5 +- 1.6
15	227 5.3	19.2 +- 0.6; 2.9	15.0 +- 0.7; 4.1	18.4 +- 2.5
16	246 4.4	19.6 +- 0.6; 2.9	15.3 +- 0.7; 4.1	19.6 +- 2.4
17	250 6.6	27.0 +- 0.8; 4.1	22.6 +- 0.9; 4.9	23.6 +- 2.2
18	268 4.7	19.7 +- 0.6; 3.0	15.5 +- 0.7; 4.1	18.5 +- 2.3
19	283 4.4	19.1 +- 0.6; 2.9	14.8 +- 0.7; 4.0	19.1 +- 7.5
20	305 4.7	18.0 +- 0.5; 2.7	13.8 +- 0.6; 3.9	17.8 +- 2.9
21	300 2.9	19.8 +- 0.6; 3.0	15.5 +- 0.7; 4.1	18.4 +- 2.5
22	332 2.7	Missing Dosimeter	No Net Data	19.2 +- 2.9
23	20 3.9	19.2 +- 0.6; 2.9	15.0 +- 0.7; 4.1	18.9 +- 2.6
24	23 3.0	19.2 +- 0.6; 2.9	15.0 +- 0.7; 4.1	19.3 +- 2.6
25	42 4.7	19.6 +- 0.6; 2.9	15.3 +- 0.7; 4.1	18.8 +- 2.3
26	60 15.0	18.4 +- 0.6; 2.8	14.2 +- 0.6; 4.0	17.3 +- 2.5
27	62 16.0	18.6 +- 0.6; 2.8	14.4 +- 0.6; 4.0	16.2 +- 2.1
28	63 16.0	19.4 +- 0.6; 2.9	15.1 +- 0.7; 4.1	17.4 +- 2.2
29	64 2.1	19.9 +- 0.6; 3.0	15.7 +- 0.7; 4.1	20.2 +- 2.8
30	84 1.5	17.8 +- 0.5; 2.7	13.6 +- 0.6; 3.9	17.0 +- 2.0
31	115 1.6	18.5 +- 0.6; 2.8	14.3 +- 0.6; 4.0	17.3 +- 2.4
32	135 2.0	18.0 +- 0.5; 2.7	13.8 +- 0.6; 3.9	16.5 +- 2.1
33	66 3.5	19.1 +- 0.6; 2.9	14.9 +- 0.7; 4.0	17.8 +- 2.4
34	97 4.9	19.9 +- 0.6; 3.0	15.7 +- 0.7; 4.1	18.5 +- 2.0
35	123 4.8	19.4 +- 0.6; 2.9	15.2 +- 0.7; 4.1	18.7 +- 1.8
36	140 4.9	17.5 +- 0.5; 2.6	13.3 +- 0.6; 3.9	17.9 +- 3.0
37	151 6.0	19.6 +- 0.6; 2.9	15.3 +- 0.7; 4.1	18.6 +- 2.5
38	152 4.2	21.2 +- 0.6; 3.2	16.9 +- 0.7; 4.3	19.4 +- 2.3
39	172 4.9	18.6 +- 0.6; 2.8	14.4 +- 0.6; 4.0	17.6 +- 1.9
40	156 7.4	Damaged Dosimeter	No Net Data	18.1 +- 2.1

Transit Dose = 3.9 +- 0.3; 3.0

MAINE YANKEE

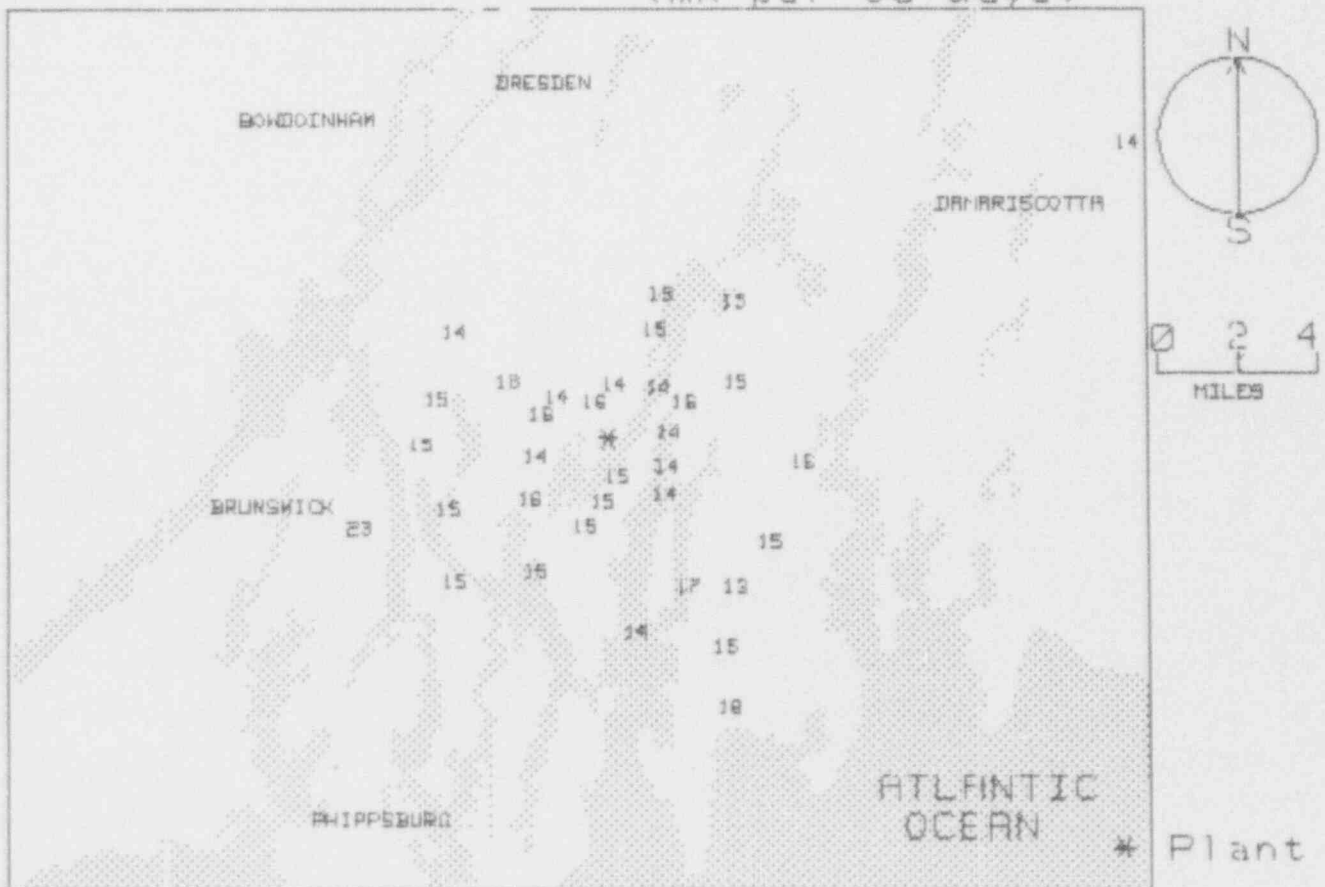
For the period 921209-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.8 +- 0.0	1
11.26 - 33.75 NNE	14.7 +- 0.4	3
33.76 - 56.25 NE	14.8 +- 0.8	2
56.26 - 78.75 ENE	15.3 +- 0.6	2
78.76 - 101.25 E	14.6 +- 1.5	2
101.26 - 123.75 ESE	14.7 +- 0.6	2
123.76 - 146.25 SE	13.5 +- 0.3	2
146.26 - 168.75 SSE	15.7 +- 1.1	3
168.76 - 191.25 S	14.6 +- 0.3	2
191.26 - 213.75 SSW	15.0 +- 0.1	2
213.76 - 236.25 SW	15.6 +- 0.8	2
236.26 - 258.75 WSW	17.2 +- 4.7	3
258.76 - 281.25 W	15.4 +- 0.1	2
281.26 - 303.75 WNW	15.4 +- 0.6	3
303.76 - 326.25 NW	13.8 +- 0.1	2
326.26 - 348.75 NNW	16.4 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.5 +- 0.9	13
2 - 5	15.1 +- 0.8	18
> 5	17.6 +- 4.3	3
Upwind Control	14.6 +- 0.5	3

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



MCGUIRE

TLD Direct Radiation Environmental Monitoring

For the period 921208-930421 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	97 0.5	16.0 +- 0.5; 2.4	10.0 +- 0.7; 4.1	14.8 +- 2.7
2	323 1.6	19.6 +- 0.6; 2.9	13.9 +- 0.8; 4.5	17.1 +- 2.5
3	336 1.7	18.8 +- 0.6; 2.8	13.0 +- 0.7; 4.4	18.4 +- 2.7
4	303 2.9	18.1 +- 0.5; 2.7	12.2 +- 0.7; 4.3	16.7 +- 3.6
5	321 3.9	20.2 +- 0.6; 3.0	14.5 +- 0.8; 4.5	16.7 +- 2.7
6	334 3.7	18.4 +- 0.6; 2.8	12.6 +- 0.7; 4.3	16.7 +- 2.8
7	352 3.5	18.2 +- 0.5; 2.7	12.3 +- 0.7; 4.3	15.1 +- 2.5
8	287 2.0	25.1 +- 0.8; 3.8	19.7 +- 0.9; 5.1	17.3 +- 3.4
9	273 1.9	21.1 +- 0.6; 3.2	15.4 +- 0.8; 4.6	16.3 +- 3.5
10	244 1.7	17.0 +- 0.5; 2.6	11.1 +- 0.7; 4.2	15.3 +- 2.6
11	225 2.1	16.2 +- 0.5; 2.4	10.3 +- 0.7; 4.1	15.0 +- 2.3
12	212 3.6	19.3 +- 0.6; 2.9	13.5 +- 0.7; 4.4	16.6 +- 2.6
13	232 4.4	24.2 +- 0.7; 3.6	18.7 +- 0.9; 5.0	22.1 +- 2.7
14	253 3.7	21.8 +- 0.7; 3.3	16.1 +- 0.8; 4.7	19.4 +- 3.0
15	261 4.2	17.7 +- 0.5; 2.6	11.8 +- 0.7; 4.3	15.1 +- 2.6
16	288 4.3	25.6 +- 0.8; 3.8	20.2 +- 0.9; 5.2	22.2 +- 2.8
17	288 17.0	26.0 +- 0.8; 3.9	20.6 +- 0.9; 5.2	24.0 +- 6.6
18	287 2.0	21.9 +- 0.7; 3.3	16.3 +- 0.8; 4.7	21.5 +- 2.9
19	286 17.0	23.4 +- 0.7; 3.5	17.9 +- 0.9; 4.9	22.6 +- 3.5
20	233 18.0	Missing Dosimeter	No Net Data	21.8 +- 2.8
21	204 10.0	17.8 +- 0.5; 2.7	11.9 +- 0.7; 4.3	16.3 +- 2.6
22	239 9.5	20.8 +- 0.6; 3.1	15.1 +- 0.8; 4.6	17.6 +- 2.9
23	115 4.9	15.3 +- 0.5; 2.3	9.2 +- 0.6; 4.0	13.8 +- 2.6
24	132 4.9	17.3 +- 0.5; 2.6	11.4 +- 0.7; 4.2	14.1 +- 2.6
25	156 4.0	Missing Dosimeter	No Net Data	12.0 +- 2.4
26	175 3.7	16.7 +- 0.5; 2.5	10.7 +- 0.7; 4.2	14.2 +- 2.5
27	198 4.3	20.8 +- 0.6; 3.1	15.1 +- 0.8; 4.6	19.4 +- 3.1
28	169 13.0	16.9 +- 0.5; 2.5	10.9 +- 0.7; 4.2	15.0 +- 2.7
29	155 13.0	17.1 +- 0.5; 2.6	11.2 +- 0.7; 4.2	14.5 +- 2.3
30	146 14.0	15.8 +- 0.5; 2.4	9.8 +- 0.7; 4.1	13.6 +- 2.4
31	143 1.9	15.6 +- 0.5; 2.3	9.6 +- 0.7; 4.1	14.5 +- 2.7
32	155 1.3	17.3 +- 0.5; 2.6	11.4 +- 0.7; 4.2	14.8 +- 2.4
33	178 1.6	15.5 +- 0.5; 2.3	9.5 +- 0.7; 4.0	13.4 +- 2.3
34	108 2.0	17.7 +- 0.5; 2.6	11.8 +- 0.7; 4.3	15.1 +- 2.6
35	93 2.2	15.8 +- 0.5; 2.4	9.8 +- 0.7; 4.1	14.9 +- 2.7
36	68 2.5	16.9 +- 0.5; 2.5	11.0 +- 0.7; 4.2	15.0 +- 2.5
37	82 4.7	16.7 +- 0.5; 2.5	10.8 +- 0.7; 4.2	14.7 +- 2.3
38	64 4.9	17.8 +- 0.5; 2.7	11.9 +- 0.7; 4.3	15.0 +- 2.2
39	42 5.0	21.8 +- 0.7; 3.3	16.2 +- 0.8; 4.7	18.5 +- 2.6
40	26 4.3	18.2 +- 0.5; 2.7	12.3 +- 0.7; 4.3	15.4 +- 2.8
41	42 2.0	15.8 +- 0.5; 2.4	9.9 +- 0.7; 4.1	13.0 +- 2.4
42	21 1.6	21.5 +- 0.6; 3.2	15.8 +- 0.8; 4.7	17.1 +- 2.9
43	8 2.6	20.3 +- 0.6; 3.0	14.5 +- 0.8; 4.5	18.3 +- 2.5
44	37 13.0	23.9 +- 0.7; 3.6	18.4 +- 0.9; 5.0	21.9 +- 3.0
45	78 19.0	26.4 +- 0.8; 4.0	21.0 +- 0.9; 5.3	24.3 +- 3.1
46	94 19.0	20.5 +- 0.6; 3.1	14.8 +- 0.8; 4.6	18.4 +- 2.1

Transit Dose = 6.5 +- 0.4; 3.0

MCGUIRE

For the period 921208-930421

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 +- 1.6	2
11.26 - 33.75 NNE	14.1 +- 2.5	2
33.76 - 56.25 NE	14.8 +- 4.4	3
56.26 - 78.75 ENE	14.6 +- 5.5	3
78.76 - 101.25 E	11.3 +- 2.3	4
101.26 - 123.75 ESE	10.5 +- 1.8	2
123.76 - 146.25 SE	10.3 +- 1.0	3
146.26 - 168.75 SSE	11.3 +- 0.1	2
168.76 - 191.25 S	10.4 +- 0.8	3
191.26 - 213.75 SSW	13.5 +- 1.6	3
213.76 - 236.25 SW	14.5 +- 6.0	2
236.26 - 258.75 WSW	14.1 +- 2.7	3
258.76 - 281.25 W	13.6 +- 2.6	2
281.26 - 303.75 WNW	17.4 +- 4.5	3
303.76 - 326.25 NW	14.2 +- 0.4	2
326.26 - 348.75 NNW	12.8 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.6 +- 3.1	12
2 - 5	13.1 +- 2.9	21
> 5	14.1 +- 3.9	8
Upwind Control	18.3 +- 2.2	3

MAP FOR MCGUIRE

Map will be provided for this site in the future.

MILLSTONE

TLD Direct Radiation Environmental Monitoring

For the period 921209-930421 134 Days

Field Time: 111 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	0 1.0	25.2 +- 0.8; 3.8	18.2 +- 0.7; 4.1	20.0 +- 4.4
2	24 1.3	18.0 +- 0.5; 2.7	12.4 +- 0.5; 3.5	15.7 +- 4.0
3	47 1.5	25.2 +- 0.8; 3.8	18.3 +- 0.7; 4.1	19.8 +- 4.2
4	60 1.7	22.9 +- 0.7; 3.4	16.4 +- 0.6; 3.9	17.9 +- 4.0
5	85 1.3	24.1 +- 0.7; 3.6	17.4 +- 0.7; 4.0	19.2 +- 3.9
6	110 1.8	23.7 +- 0.7; 3.6	17.0 +- 0.6; 4.0	18.8 +- 4.0
7	67 5.3	27.7 +- 0.8; 4.2	20.3 +- 0.7; 4.4	19.8 +- 4.4
8	49 5.3	26.5 +- 0.8; 4.0	19.3 +- 0.7; 4.3	19.8 +- 3.9
9	84 5.2	23.9 +- 0.7; 3.6	17.2 +- 0.6; 4.0	18.3 +- 4.1
11	232 2.5	22.6 +- 0.7; 3.4	16.1 +- 0.6; 3.9	17.7 +- 3.9
12	256 2.4	25.0 +- 0.8; 3.8	18.1 +- 0.7; 4.1	20.0 +- 3.8
13	274 2.2	25.4 +- 0.8; 3.8	18.4 +- 0.7; 4.2	19.8 +- 3.9
14	295 1.9	27.3 +- 0.8; 4.1	20.0 +- 0.7; 4.3	20.7 +- 4.4
15	315 1.5	Missing Dosimeter	No Net Data	16.2 +- 4.0
16	339 1.2	Missing Dosimeter	No Net Data	19.5 +- 1.9
17	353 3.5	24.2 +- 0.7; 3.6	17.5 +- 0.7; 4.1	18.9 +- 4.2
18	24 3.5	25.1 +- 0.8; 3.8	18.1 +- 0.7; 4.1	18.9 +- 2.2
19	33 3.0	27.4 +- 0.8; 4.1	20.1 +- 0.7; 4.3	20.8 +- 4.5
20	82 4.0	23.5 +- 0.7; 3.5	16.9 +- 0.6; 4.0	18.3 +- 3.9
22	59 3.7	26.5 +- 0.8; 4.0	19.3 +- 0.7; 4.3	20.4 +- 4.4
28	257 5.8	30.2 +- 0.9; 4.5	22.3 +- 0.8; 4.6	21.8 +- 4.5
29	272 3.7	29.9 +- 0.9; 4.5	22.0 +- 0.8; 4.6	21.4 +- 4.5
30	295 3.5	25.8 +- 0.8; 3.9	18.8 +- 0.7; 4.2	21.3 +- 4.1
31	317 3.6	23.5 +- 0.7; 3.5	16.9 +- 0.6; 4.0	18.5 +- 3.9
32	327 4.3	28.1 +- 0.8; 4.2	20.6 +- 0.7; 4.4	21.5 +- 4.2
33	41 4.7	24.9 +- 0.7; 3.7	18.0 +- 0.7; 4.1	20.0 +- 3.8
34	54 5.5	26.5 +- 0.8; 4.0	19.3 +- 0.7; 4.3	21.0 +- 4.5
37	354 6.8	25.2 +- 0.8; 3.8	18.2 +- 0.7; 4.1	19.4 +- 4.1
39	1 5.7	23.6 +- 0.7; 3.5	17.0 +- 0.6; 4.0	19.0 +- 4.0
40	278 8.7	21.4 +- 0.6; 3.2	15.2 +- 0.6; 3.8	17.0 +- 3.8
41	34 11.0	28.8 +- 0.9; 4.3	21.2 +- 0.8; 4.5	24.8 +- 4.5
42	84 8.0	24.4 +- 0.7; 3.7	17.6 +- 0.7; 4.1	19.2 +- 4.0
46	41 0.6	23.4 +- 0.7; 3.5	16.8 +- 0.6; 4.0	18.6 +- 4.0
48	4 40.0	27.8 +- 0.8; 4.2	20.4 +- 0.7; 4.4	24.2 +- 4.3
49	4 40.0	28.4 +- 0.9; 4.3	20.8 +- 0.7; 4.4	24.2 +- 4.7

Transit Dose = 2.7 +- 0.4; 3.4

MILLSTONE

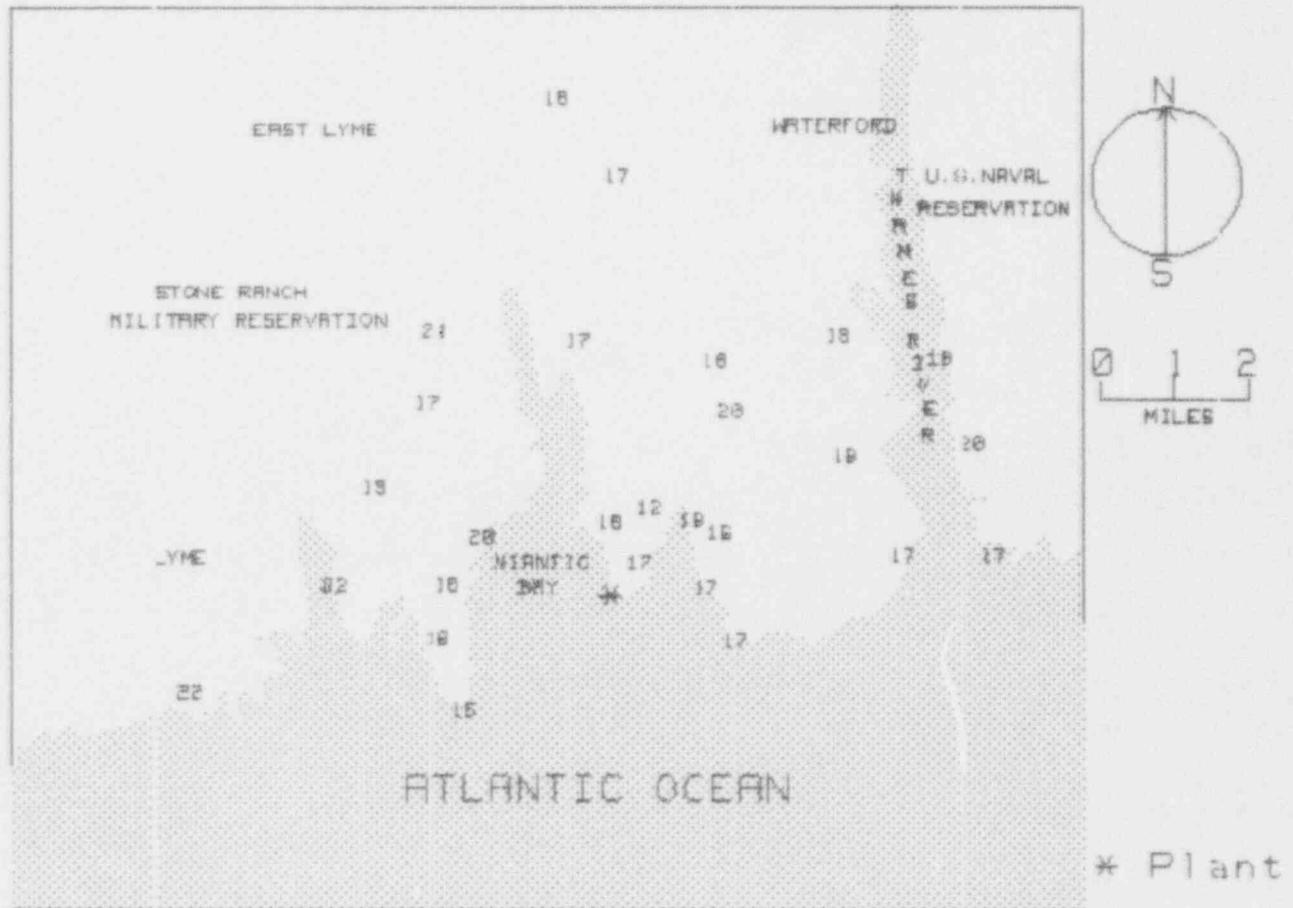
For the period 921209-930421

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 +- 0.6	4
11.26 - 33.75 NNE	16.9 +- 4.0	3
33.76 - 56.25 NE	18.8 +- 1.5	6
56.26 - 78.75 ENE	18.6 +- 2.0	3
78.76 - 101.25 E	17.3 +- 0.3	4
101.26 - 123.75 ESE	17.0 +- 0.0	1
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	16.1 +- 0.0	1
236.26 - 258.75 WSW	20.2 +- 2.9	2
258.76 - 281.25 W	18.5 +- 3.4	3
281.26 - 303.75 WNW	19.4 +- 0.8	2
303.76 - 326.25 NW	16.9 +- 0.0	1
326.26 - 348.75 NNW	20.6 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.1 +- 2.2	8
2 - 5	18.5 +- 1.6	13
> 5	18.8 +- 2.1	10
Upwind Control	20.6 +- 0.3	2

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



MONTICELLO

TLD Direct Radiation Environmental Monitoring

For the period 921207-930427 142 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	133 3.6	21.9 +- 0.7; 3.3	16.1 +- 0.7; 4.4	16.9 +- 1.3
2	163 4.6	21.4 +- 0.6; 3.2	15.6 +- 0.7; 4.4	17.6 +- 1.3
3	183 4.1	21.7 +- 0.7; 3.3	15.9 +- 0.7; 4.4	17.9 +- 1.3
4	206 4.3	21.8 +- 0.7; 3.3	16.0 +- 0.7; 4.4	17.7 +- 1.4
5	230 4.2	21.8 +- 0.7; 3.3	16.0 +- 0.7; 4.4	19.2 +- 1.7
6	253 4.6	21.5 +- 0.6; 3.2	15.7 +- 0.7; 4.4	18.0 +- 1.5
7	269 4.4	20.6 +- 0.6; 3.1	14.9 +- 0.7; 4.3	17.4 +- 1.4
8	286 4.0	21.7 +- 0.7; 3.3	15.9 +- 0.7; 4.4	18.2 +- 1.5
9	274 1.9	21.9 +- 0.7; 3.3	16.2 +- 0.7; 4.4	17.1 +- 1.2
10	244 1.3	20.3 +- 0.6; 3.1	14.6 +- 0.7; 4.3	15.6 +- 1.4
11	226 0.9	20.9 +- 0.6; 3.1	15.2 +- 0.7; 4.3	16.9 +- 1.4
12	181 1.8	22.0 +- 0.7; 3.3	16.2 +- 0.7; 4.4	17.2 +- 1.4
13	137 1.7	Missing Dosimeter	No Net Data	17.2 +- 1.3
14	155 1.0	22.0 +- 0.7; 3.3	16.2 +- 0.7; 4.4	17.2 +- 1.2
15	208 0.6	20.2 +- 0.6; 3.0	14.5 +- 0.7; 4.3	16.7 +- 1.3
16	284 2.0	21.6 +- 0.6; 3.2	15.9 +- 0.7; 4.4	16.7 +- 1.2
17	113 1.6	20.9 +- 0.6; 3.1	15.2 +- 0.7; 4.3	16.8 +- 1.8
18	85 1.1	21.3 +- 0.6; 3.2	15.6 +- 0.7; 4.4	16.7 +- 1.3
19	63 1.2	20.7 +- 0.6; 3.1	15.0 +- 0.7; 4.3	16.9 +- 1.4
20	37 1.7	22.0 +- 0.7; 3.3	16.2 +- 0.7; 4.4	16.9 +- 1.1
21	23 0.8	22.7 +- 0.7; 3.4	16.9 +- 0.8; 4.5	17.0 +- 1.3
22	354 0.7	22.0 +- 0.7; 3.3	16.2 +- 0.7; 4.4	17.3 +- 1.4
23	338 0.8	20.8 +- 0.6; 3.1	15.1 +- 0.7; 4.3	17.2 +- 1.3
24	307 1.8	20.9 +- 0.6; 3.1	15.2 +- 0.7; 4.3	17.1 +- 1.4
25	339 4.1	20.5 +- 0.6; 3.1	14.8 +- 0.7; 4.3	16.6 +- 1.3
26	320 6.0	21.0 +- 0.6; 3.1	15.2 +- 0.7; 4.3	16.6 +- 1.6
27	354 4.5	21.5 +- 0.6; 3.2	15.7 +- 0.7; 4.4	16.9 +- 1.5
28	17 3.7	21.5 +- 0.6; 3.2	15.7 +- 0.7; 4.4	15.9 +- 1.4
29	50 4.0	21.0 +- 0.6; 3.1	15.2 +- 0.7; 4.3	16.0 +- 1.6
30	77 3.6	21.2 +- 0.6; 3.2	15.5 +- 0.7; 4.4	17.0 +- 1.4
31	115 3.3	22.4 +- 0.7; 3.4	16.6 +- 0.8; 4.5	16.8 +- 1.4
32	90 4.6	20.4 +- 0.6; 3.1	14.6 +- 0.7; 4.3	16.3 +- 2.1
33	323 16.0	20.3 +- 0.6; 3.0	14.6 +- 0.7; 4.3	16.7 +- 1.5
34	323 16.0	21.1 +- 0.6; 3.2	15.4 +- 0.7; 4.4	16.5 +- 1.4
35	323 16.0	20.3 +- 0.6; 3.1	14.6 +- 0.7; 4.3	17.4 +- 1.5

Transit Dose = 5.4 +- 0.4; 3.1

MONTICELLO

For the period 921207-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.0 +- 0.4	2
11.26 - 33.75 NNE	16.3 +- 0.8	2
33.76 - 56.25 NE	15.7 +- 0.7	2
56.26 - 78.75 ENE	15.2 +- 0.3	2
78.76 - 101.25 E	15.1 +- 0.7	2
101.26 - 123.75 ESE	15.9 +- 1.0	2
123.76 - 146.25 SE	16.1 +- 0.0	1
146.26 - 168.75 SSE	15.9 +- 0.4	2
168.76 - 191.25 S	16.1 +- 0.2	2
191.26 - 213.75 SSW	15.2 +- 1.1	2
213.76 - 236.25 SW	15.6 +- 0.6	2
236.26 - 258.75 WSW	15.2 +- 0.8	2
258.76 - 281.25 W	15.5 +- 0.9	2
281.26 - 303.75 WNW	15.9 +- 0.0	2
303.76 - 326.25 NW	15.2 +- 0.1	2
326.26 - 348.75 NNW	14.9 +- 0.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.6 +- 0.7	15
2 - 5	15.6 +- 0.5	15
> 5	15.2 +- 0.0	1
Upwind Control	14.9 +- 0.5	3

MAP FOR MONTICELLO

Map will be provided for this site in the future.

NORTH ANNA

TLD Direct Radiation Environmental Monitoring

For the period 921208-930422 136 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	243 1.8	26.3 +- 0.8; 3.9	18.3 +- 0.9; 5.0	21.1 +- 1.6
2	263 1.6	23.1 +- 0.7; 3.5	15.2 +- 0.8; 4.7	17.9 +- 1.4
3	296 1.0	23.1 +- 0.7; 3.5	15.2 +- 0.8; 4.7	18.1 +- 1.5
4	311 1.3	27.4 +- 0.8; 4.1	19.4 +- 0.9; 5.2	22.3 +- 1.4
5	329 1.3	23.9 +- 0.7; 3.6	16.0 +- 0.8; 4.8	19.1 +- 1.3
6	231 3.9	25.9 +- 0.8; 3.9	17.9 +- 0.9; 5.0	20.5 +- 1.4
7	224 1.7	24.9 +- 0.7; 3.7	17.0 +- 0.9; 4.9	19.9 +- 1.3
8	210 1.6	24.0 +- 0.7; 3.6	16.1 +- 0.8; 4.8	18.3 +- 1.4
9	181 1.4	20.6 +- 0.6; 3.1	12.7 +- 0.7; 4.4	16.2 +- 1.3
10	155 1.0	29.7 +- 0.9; 4.5	21.7 +- 1.0; 5.4	24.0 +- 1.6
11	136 1.6	23.5 +- 0.7; 3.5	15.6 +- 0.8; 4.7	18.2 +- 1.7
12	163 3.5	25.0 +- 0.7; 3.7	17.1 +- 0.9; 4.9	19.4 +- 1.5
13	190 3.3	22.9 +- 0.7; 3.4	15.0 +- 0.8; 4.7	17.7 +- 1.4
14	205 4.9	23.0 +- 0.7; 3.4	15.1 +- 0.8; 4.7	17.1 +- 1.2
15	140 4.2	24.6 +- 0.7; 3.7	16.7 +- 0.8; 4.9	19.1 +- 1.3
16	113 4.9	27.2 +- 0.8; 4.1	19.2 +- 0.9; 5.2	23.0 +- 1.6
17	93 3.3	21.6 +- 0.6; 3.2	13.7 +- 0.8; 4.5	16.2 +- 1.2
18	64 4.1	24.5 +- 0.7; 3.7	16.6 +- 0.8; 4.9	19.2 +- 1.4
19	78 2.7	34.0 +- 1.0; 5.1	25.9 +- 1.1; 6.0	28.3 +- 1.5
20	97 1.9	25.9 +- 0.8; 3.9	18.0 +- 0.9; 5.0	20.3 +- 1.8
21	105 1.7	22.2 +- 0.7; 3.3	14.3 +- 0.8; 4.6	16.9 +- 1.2
22	60 2.4	22.2 +- 0.7; 3.3	14.3 +- 0.8; 4.6	17.3 +- 1.3
23	37 1.4	22.9 +- 0.7; 3.4	15.0 +- 0.8; 4.7	19.1 +- 1.2
24	16 1.6	30.6 +- 0.9; 4.6	22.6 +- 1.0; 5.5	23.9 +- 1.6
25	48 3.5	21.0 +- 0.6; 3.1	13.1 +- 0.8; 4.5	16.2 +- 2.0
26	17 3.7	24.4 +- 0.7; 3.7	16.4 +- 0.8; 4.8	19.5 +- 1.4
27	3 4.8	23.1 +- 0.7; 3.5	15.2 +- 0.8; 4.7	17.5 +- 1.8
28	348 4.0	22.1 +- 0.7; 3.3	14.2 +- 0.8; 4.6	17.4 +- 1.3
29	2 1.9	22.9 +- 0.7; 3.4	15.0 +- 0.8; 4.7	16.8 +- 1.1
30	284 5.0	21.8 +- 0.7; 3.3	14.0 +- 0.8; 4.6	17.4 +- 1.4
31	310 4.7	25.7 +- 0.8; 3.9	17.7 +- 0.9; 5.0	20.3 +- 1.8
32	273 4.9	19.0 +- 0.6; 2.9	11.2 +- 0.7; 4.3	14.1 +- 1.7
33	257 5.1	23.0 +- 0.7; 3.5	15.2 +- 0.8; 4.7	18.5 +- 1.7
34	242 7.1	24.5 +- 0.7; 3.7	16.5 +- 0.8; 4.8	19.5 +- 1.5
35	255 11.0	22.3 +- 0.7; 3.3	14.4 +- 0.8; 4.6	18.5 +- 1.8
36	248 15.0	23.1 +- 0.7; 3.5	15.2 +- 0.8; 4.7	18.3 +- 1.4
37	247 17.0	23.0 +- 0.7; 3.5	15.2 +- 0.8; 4.7	17.6 +- 1.3
38	244 19.0	22.2 +- 0.7; 3.3	14.3 +- 0.8; 4.6	16.9 +- 1.7

Transit Dose = 7.6 +- 0.5; 3.3

NORTH ANNA

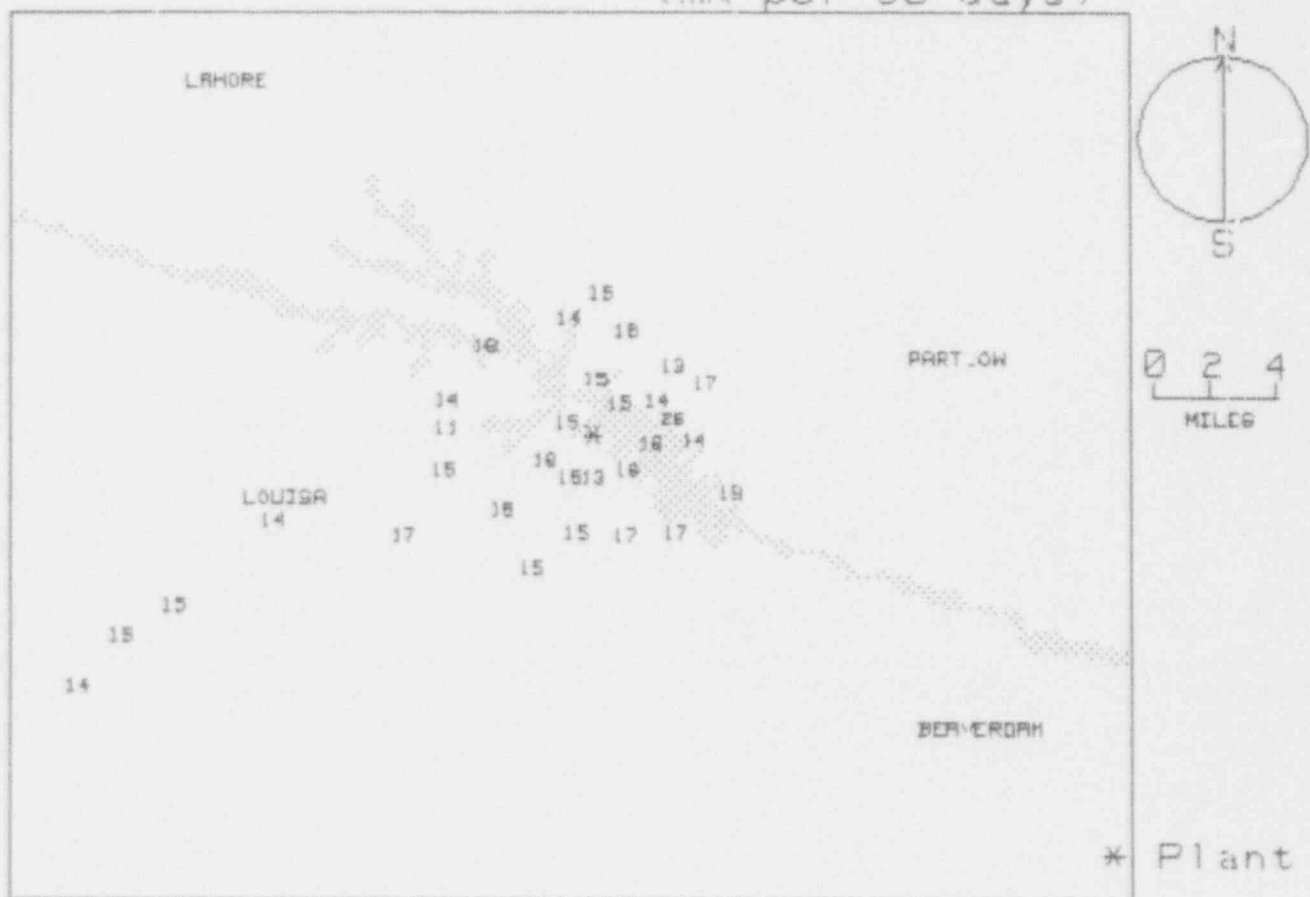
For the period 921208-930422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.1 +- 0.1	2
11.26 - 33.75 NNE	19.5 +- 4.3	2
33.76 - 56.25 NE	14.1 +- 1.3	2
56.26 - 78.75 ENE	18.9 +- 6.2	3
78.76 - 101.25 E	15.8 +- 3.0	2
101.26 - 123.75 ESE	16.8 +- 3.5	2
123.76 - 146.25 SE	16.1 +- 0.7	2
146.26 - 168.75 SSE	19.4 +- 3.3	2
168.76 - 191.25 S	13.9 +- 1.6	2
191.26 - 213.75 SSW	15.6 +- 0.7	2
213.76 - 236.25 SW	17.5 +- 0.7	2
236.26 - 258.75 WSW	16.1 +- 1.7	4
258.76 - 281.25 W	13.2 +- 2.8	2
281.26 - 303.75 WNW	14.6 +- 0.9	2
303.76 - 326.25 NW	18.6 +- 1.2	2
326.26 - 348.75 NNW	15.1 +- 1.2	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.8 +- 2.7	15
2 - 5	16.1 +- 3.2	17
> 5	15.4 +- 1.1	3
Upwind Control	14.9 +- 0.5	3

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



OCONEE

TLD Direct Radiation Environmental Monitoring

For the period 921208-930421 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	158 7.5	Missing Dosimeter	No Net Data	22.8 +- 2.3
2	133 4.9	31.3 +- 0.9; 4.7	23.2 +- 0.9; 5.3	25.7 +- 2.3
3	119 4.3	Missing Dosimeter	No Net Data	24.5 +- 2.1
4	84 4.7	31.5 +- 0.9; 4.7	23.4 +- 0.9; 5.3	24.8 +- 1.7
5	65 4.0	31.6 +- 0.9; 4.7	23.5 +- 1.0; 5.3	23.7 +- 2.8
6	52 1.8	30.4 +- 0.9; 4.6	22.5 +- 0.9; 5.2	25.0 +- 2.3
7	22 3.5	31.3 +- 0.9; 4.7	23.3 +- 0.9; 5.3	25.3 +- 2.2
8	33 1.4	31.3 +- 0.9; 4.7	23.2 +- 0.9; 5.3	25.0 +- 2.8
9	52 1.8	25.6 +- 0.8; 3.8	18.0 +- 0.8; 4.7	20.0 +- 1.9
10	67 1.1	25.5 +- 0.8; 3.8	18.0 +- 0.8; 4.7	17.0 +- 2.5
11	107 1.9	26.6 +- 0.8; 4.0	18.9 +- 0.8; 4.8	19.4 +- 2.0
12	87 1.0	27.7 +- 0.8; 4.1	19.9 +- 0.9; 4.9	22.2 +- 2.3
13	142 0.7	29.5 +- 0.9; 4.4	21.7 +- 0.9; 5.1	22.9 +- 1.8
14	166 0.7	Missing Dosimeter	No Net Data	19.6 +- 2.1
15	226 1.7	28.1 +- 0.8; 4.2	20.3 +- 0.9; 4.9	22.1 +- 2.0
16	207 1.4	28.5 +- 0.9; 4.3	20.7 +- 0.9; 5.0	21.5 +- 1.7
17	182 2.2	23.2 +- 0.7; 3.5	15.8 +- 0.7; 4.4	18.5 +- 1.7
18	186 3.8	25.2 +- 0.8; 3.8	17.7 +- 0.8; 4.6	19.5 +- 1.9
19	155 4.1	30.3 +- 0.9; 4.5	22.3 +- 0.9; 5.2	23.7 +- 0.9
20	203 8.4	24.0 +- 0.7; 3.6	16.5 +- 0.8; 4.5	18.4 +- 2.4
21	210 4.6	25.3 +- 0.8; 3.8	17.7 +- 0.8; 4.6	19.7 +- 2.2
22	227 4.8	27.8 +- 0.8; 4.2	20.1 +- 0.9; 4.9	21.7 +- 3.0
23	240 3.6	26.1 +- 0.8; 3.9	18.5 +- 0.8; 4.7	20.5 +- 2.5
24	268 3.6	30.8 +- 0.9; 4.6	22.8 +- 0.9; 5.2	24.2 +- 1.9
25	257 1.9	Missing Dosimeter	No Net Data	19.3 +- 2.3
26	293 3.6	28.2 +- 0.8; 4.2	20.4 +- 0.9; 5.0	21.1 +- 2.3
27	311 3.5	23.4 +- 0.7; 3.5	16.0 +- 0.8; 4.5	18.3 +- 1.6
28	288 2.0	Missing Dosimeter	No Net Data	20.3 +- 2.1
29	275 1.8	25.3 +- 0.8; 3.8	17.7 +- 0.8; 4.6	19.3 +- 1.7
30	321 1.8	28.4 +- 0.9; 4.3	20.6 +- 0.9; 5.0	21.7 +- 2.1
31	344 2.0	22.5 +- 0.7; 3.4	15.2 +- 0.7; 4.4	17.6 +- 2.0
32	336 3.7	33.3 +- 1.0; 5.0	25.1 +- 1.0; 5.5	26.1 +- 2.4
33	358 4.5	26.3 +- 0.8; 3.9	18.7 +- 0.8; 4.7	21.9 +- 2.5
34	256 9.4	34.7 +- 1.0; 5.2	26.4 +- 1.0; 5.7	27.7 +- 2.2
35	149 21.0	31.0 +- 0.9; 4.6	23.0 +- 0.9; 5.3	22.8 +- 2.6
36	126 8.2	Missing Dosimeter	No Net Data	24.6 +- 2.1
37	96 9.7	31.4 +- 0.9; 4.7	23.3 +- 0.9; 5.3	24.2 +- 1.8
38	32 16.0	39.6 +- 1.2; 5.9	30.9 +- 1.2; 6.3	30.2 +- 3.3
39	31 16.0	Missing Dosimeter	No Net Data	25.4 +- 3.2
40	29 16.0	34.9 +- 1.0; 5.2	26.6 +- 1.0; 5.7	27.0 +- 1.8

Transit Dose = 6.0 +- 0.4; 3.3

OCONEE

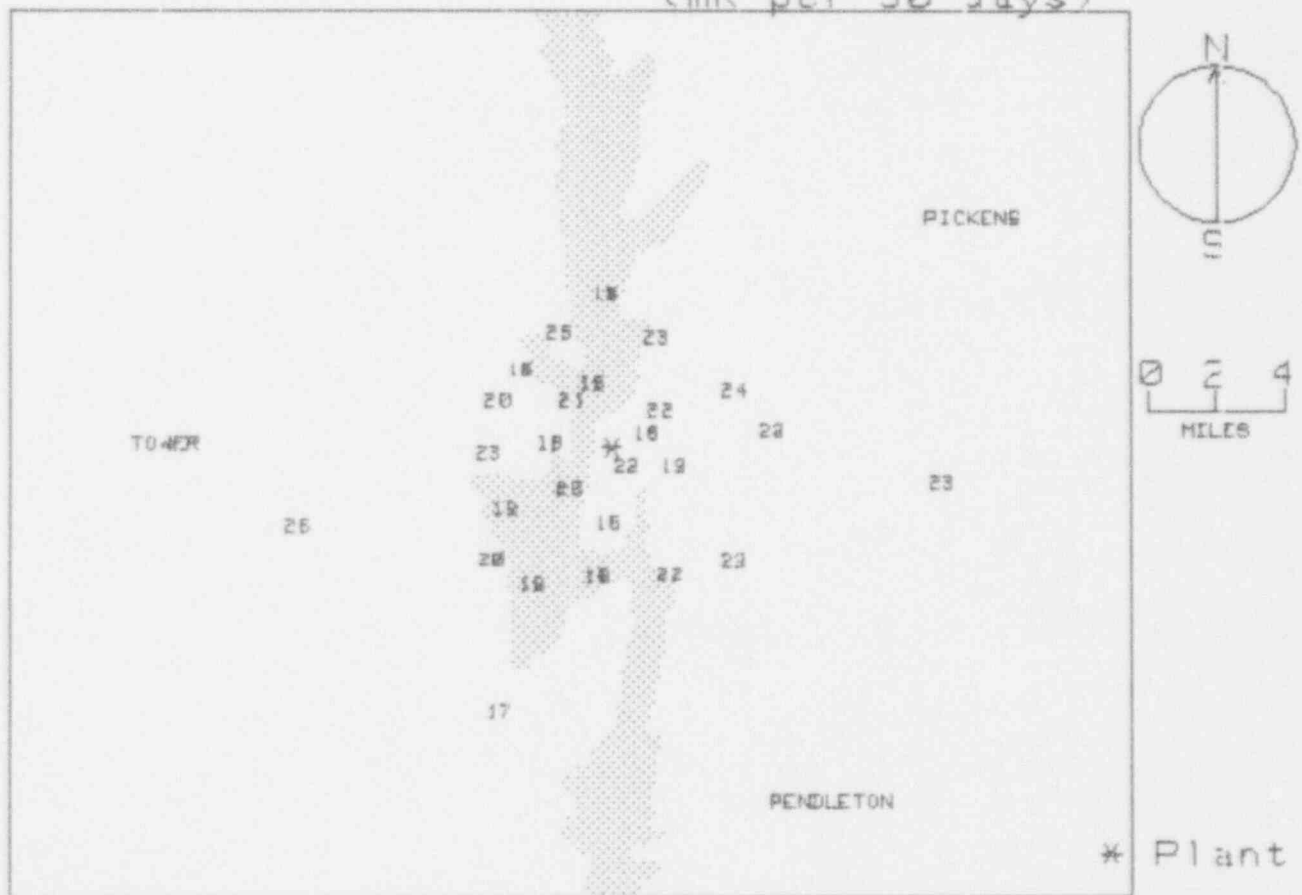
For the period 921208-930421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.7 +- 0.0	1
11.26 - 33.75 NNE	23.2 +- 0.0	2
33.76 - 56.25 NE	20.2 +- 3.2	2
56.26 - 78.75 ENE	20.7 +- 3.9	2
78.76 - 101.25 E	22.2 +- 2.0	3
101.26 - 123.75 ESE	18.9 +- 0.0	1
123.76 - 146.25 SE	22.4 +- 1.1	2
146.26 - 168.75 SSE	22.6 +- 0.5	2
168.76 - 191.25 S	16.8 +- 1.3	2
191.26 - 213.75 SSW	18.3 +- 2.2	3
213.76 - 236.25 SW	20.2 +- 0.2	2
236.26 - 258.75 WSW	22.4 +- 5.6	2
258.76 - 281.25 W	20.3 +- 3.6	2
281.26 - 303.75 WNW	20.4 +- 0.0	1
303.76 - 326.25 NW	18.3 +- 3.3	2
326.26 - 348.75 NNW	20.2 +- 7.0	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.7 +- 2.3	12
2 - 5	20.6 +- 3.0	15
> 5	22.3 +- 4.1	4
Upwind Control	28.7 +- 3.1	2

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



OYSTER CREEK

TLD Direct Radiation Environmental Monitoring

For the period 921209-930421 134 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	141 0.5	12.5 +- 0.4; 1.9	9.5 +- 0.5; 3.4	11.5 +- 1.2
2	120 0.9	13.3 +- 0.4; 2.0	10.3 +- 0.5; 3.4	11.4 +- 1.6
3	105 1.5	14.5 +- 0.4; 2.2	11.4 +- 0.5; 3.5	12.5 +- 1.4
4	127 1.5	13.1 +- 0.4; 2.0	10.1 +- 0.5; 3.4	11.4 +- 3.1
5	137 1.3	14. +- 0.4; 2.1	11.0 +- 0.5; 3.5	11.7 +- 3.3
6	158 1.2	13. +- 0.4; 2.0	10.4 +- 0.5; 3.4	11.3 +- 2.9
7	176 2.2	15.1 +- 0.5; 2.3	12.0 +- 0.5; 3.6	11.9 +- 3.2
8	179 1.6	14.0 +- 0.4; 2.1	11.0 +- 0.5; 3.5	11.7 +- 3.2
9	159 2.8	12.9 +- 0.4; 1.9	9.9 +- 0.5; 3.4	10.5 +- 2.9
10	187 8.4	14.0 +- 0.4; 2.1	10.9 +- 0.5; 3.5	11.5 +- 3.1
11	173 4.4	14.9 +- 0.4; 2.2	11.9 +- 0.5; 3.6	11.8 +- 3.2
12	196 4.2	13.7 +- 0.4; 2.1	10.6 +- 0.5; 3.5	12.4 +- 1.7
13	198 8.6	13.1 +- 0.4; 2.0	10.1 +- 0.5; 3.4	10.7 +- 2.8
14	185 10.0	Missing Dosimeter	No Net Data	13.9 +- 1.7
15	171 11.0	14.4 +- 0.4; 2.2	11.4 +- 0.5; 3.5	11.0 +- 2.9
16	154 8.2	14.8 +- 0.4; 2.2	11.7 +- 0.5; 3.6	11.7 +- 3.1
17	126 6.3	15.8 +- 0.5; 2.4	12.8 +- 0.6; 3.7	12.7 +- 1.8
18	220 4.6	14.9 +- 0.4; 2.2	11.8 +- 0.5; 3.6	10.8 +- 3.0
19	231 5.3	13.4 +- 0.4; 2.0	10.4 +- 0.5; 3.4	11.1 +- 2.7
20	211 1.6	13.5 +- 0.4; 2.0	10.5 +- 0.5; 3.5	10.7 +- 2.7
22	258 1.5	14.2 +- 0.4; 2.1	11.1 +- 0.5; 3.5	11.3 +- 2.9
23	271 1.2	13.2 +- 0.4; 2.0	10.1 +- 0.5; 3.4	11.2 +- 3.2
24	297 1.3	13.5 +- 0.4; 2.0	10.5 +- 0.5; 3.5	12.0 +- 3.4
25	318 1.5	13.1 +- 0.4; 2.0	10.1 +- 0.5; 3.4	10.9 +- 3.0
26	341 3.2	14.8 +- 0.4; 2.2	11.8 +- 0.5; 3.6	13.3 +- 1.9
27	330 4.6	13.9 +- 0.4; 2.1	10.9 +- 0.5; 3.5	12.0 +- 3.2
28	358 3.2	14.0 +- 0.4; 2.1	10.9 +- 0.5; 3.5	11.1 +- 3.1
29	4 1.8	13.8 +- 0.4; 2.1	10.7 +- 0.5; 3.5	11.6 +- 3.0
30	19 0.8	14.5 +- 0.4; 2.2	11.4 +- 0.5; 3.5	11.6 +- 1.4
31	69 1.4	14.6 +- 0.4; 2.2	11.5 +- 0.5; 3.5	11.8 +- 3.3
32	78 2.5	13.7 +- 0.4; 2.1	10.7 +- 0.5; 3.5	10.9 +- 1.7
33	85 2.2	13.1 +- 0.4; 2.0	10.1 +- 0.5; 3.4	10.7 +- 2.9
34	38 1.7	14.1 +- 0.4; 2.1	11.0 +- 0.5; 3.5	11.6 +- 1.5
35	24 1.9	14.6 +- 0.4; 2.2	11.6 +- 0.5; 3.6	12.5 +- 3.7
36	50 3.0	14.1 +- 0.4; 2.1	11.0 +- 0.5; 3.5	12.8 +- 2.1
37	46 4.8	12.4 +- 0.4; 1.9	9.4 +- 0.5; 3.4	11.4 +- 1.4
38	27 4.0	15.3 +- 0.5; 2.3	12.2 +- 0.5; 3.6	12.3 +- 3.4
39	12 8.9	16.0 +- 0.5; 2.4	12.9 +- 0.6; 3.7	11.9 +- 3.0
40	10 8.7	14.0 +- 0.4; 2.1	11.0 +- 0.5; 3.5	11.0 +- 2.9
41	3 9.9	14.6 +- 0.4; 2.2	11.6 +- 0.5; 3.6	11.8 +- 3.4
42	38 10.0	14.7 +- 0.4; 2.2	11.6 +- 0.5; 3.6	12.5 +- 1.7
43	46 9.1	17.9 +- 0.5; 2.7	14.8 +- 0.6; 3.9	14.1 +- 3.7
44	73 6.5	13.6 +- 0.4; 2.0	10.6 +- 0.5; 3.5	10.8 +- 2.9
45	79 6.0	15.0 +- 0.4; 2.2	11.9 +- 0.5; 3.6	12.3 +- 3.2
46	278 20.0	15.0 +- 0.4; 2.2	11.9 +- 0.5; 3.6	12.3 +- 3.1
47	278 20.0	14.9 +- 0.4; 2.2	11.9 +- 0.5; 3.6	12.4 +- 3.0

Transit Dose = 2.8 +- 0.3; 2.9

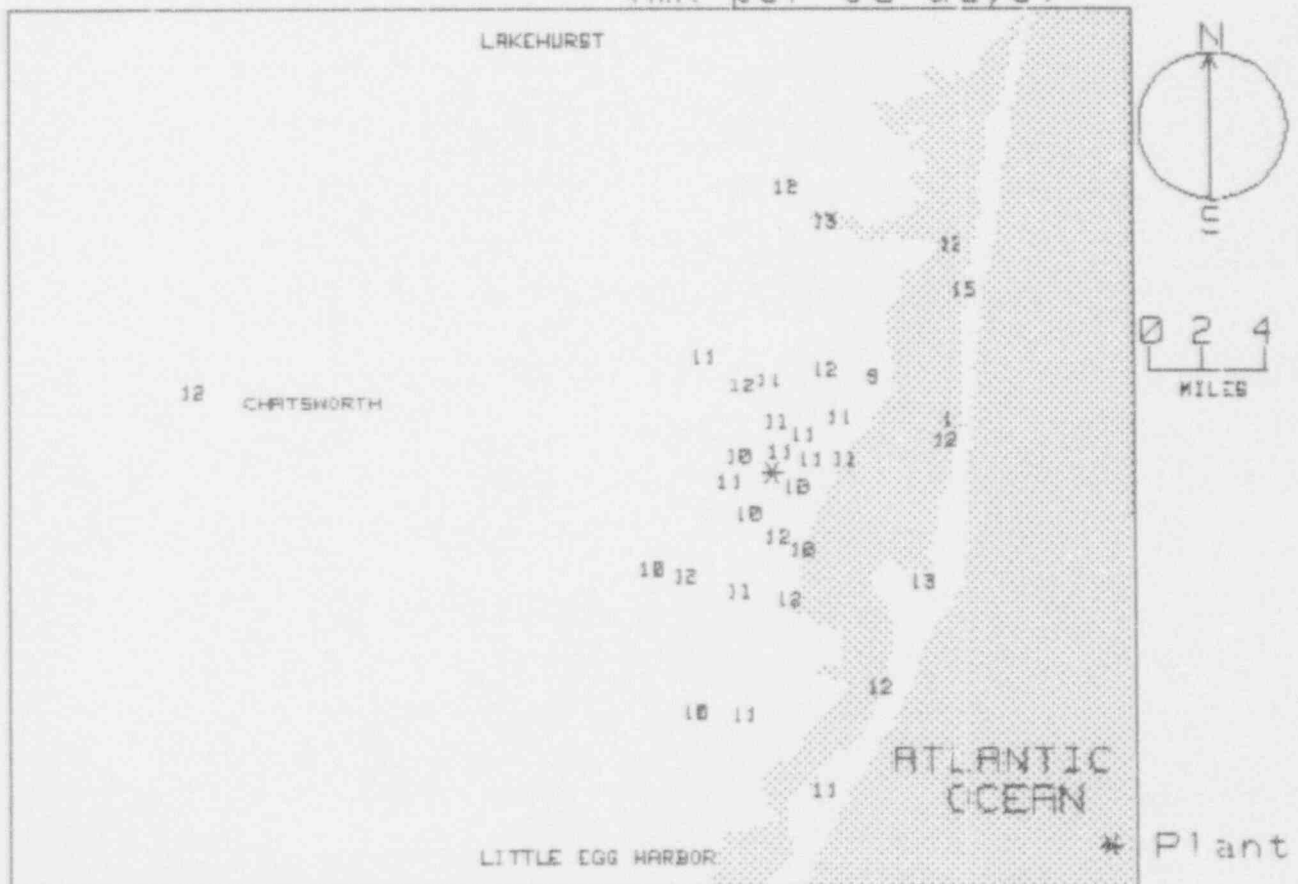
OYSTER CREEK
For the period 921209-930421

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.0 +- 0.4	4
11.26 - 33.75 NNE	12.0 +- 0.7	4
33.76 - 56.25 NE	11.6 +- 2.0	5
56.26 - 78.75 ENE	10.9 +- 0.5	3
78.76 - 101.25 E	11.0 +- 1.3	2
101.26 - 123.75 ESE	10.8 +- 0.8	2
123.76 - 146.25 SE	10.8 +- 1.4	4
146.26 - 168.75 SSE	10.7 +- 0.9	3
168.76 - 191.25 S	11.4 +- 0.5	5
191.26 - 213.75 SSW	10.4 +- 0.3	3
213.76 - 236.25 SW	11.1 +- 1.0	2
236.26 - 258.75 WSW	11.1 +- 0.0	1
258.76 - 281.25 W	10.1 +- 0.0	1
281.26 - 303.75 WNW	10.5 +- 0.0	1
303.76 - 326.25 NW	10.1 +- 0.0	1
326.26 - 348.75 NNW	11.3 +- 0.6	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	10.7 +- 0.6	17
2 - 5	11.0 +- 0.9	13
> 5	11.7 +- 1.3	13
Upwind Control	11.9 +- 0.0	2

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



PALISADES

TLD Direct Radiation Environmental Monitoring

For the period 921207-930420 135 Days

Field Time: 95 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
====	=====		=====		=====		=====	
1	195	4.9	17.7	+- 0.5; 2.7	12.9	+- 0.6; 3.9	13.6	+- 2.0
2	173	4.6	18.7	+- 0.6; 2.8	13.8	+- 0.6; 4.0	14.3	+- 2.4
3	156	3.9	18.3	+- 0.5; 2.7	13.4	+- 0.6; 3.9	15.3	+- 1.9
4	132	4.6	18.0	+- 0.5; 2.7	13.1	+- 0.6; 3.9	14.2	+- 2.1
5	118	3.3	18.7	+- 0.6; 2.8	13.8	+- 0.6; 4.0	15.2	+- 2.4
6	152	1.8	18.3	+- 0.5; 2.7	13.4	+- 0.6; 3.9	14.1	+- 2.2
7	196	2.2	17.8	+- 0.5; 2.7	12.9	+- 0.6; 3.9	13.6	+- 2.1
8	178	1.6	20.4	+- 0.6; 3.1	15.4	+- 0.7; 4.1	14.6	+- 2.3
9	200	0.9	17.1	+- 0.5; 2.6	12.3	+- 0.6; 3.8	14.1	+- 2.2
10	124	1.8	18.7	+- 0.6; 2.8	13.8	+- 0.6; 4.0	14.6	+- 2.9
11	107	1.6	18.4	+- 0.6; 2.8	13.5	+- 0.6; 3.9	14.7	+- 2.1
12	90	1.5	17.6	+- 0.5; 2.6	12.8	+- 0.6; 3.9	13.7	+- 2.3
13	65	1.7	17.4	+- 0.5; 2.6	12.5	+- 0.6; 3.8	14.2	+- 2.1
14	51	1.9	18.4	+- 0.6; 2.8	13.5	+- 0.6; 3.9	14.0	+- 1.9
15	74	3.7	18.0	+- 0.5; 2.7	13.1	+- 0.6; 3.9	13.3	+- 2.5
16	90	3.6	16.4	+- 0.5; 2.5	11.6	+- 0.6; 3.7	13.4	+- 2.4
17	98	10.0	18.9	+- 0.6; 2.8	14.0	+- 0.6; 4.0	15.3	+- 2.1
18	47	4.5	19.5	+- 0.6; 2.9	14.6	+- 0.7; 4.0	16.0	+- 2.0
19	23	1.5	18.6	+- 0.6; 2.8	13.7	+- 0.6; 3.9	13.2	+- 2.7
20	32	4.8	17.6	+- 0.5; 2.6	12.7	+- 0.6; 3.8	15.9	+- 2.4
21	29	7.0	19.3	+- 0.6; 2.9	14.3	+- 0.6; 4.0	15.1	+- 1.8
22	99	15.0	18.5	+- 0.6; 2.8	13.6	+- 0.6; 3.9	15.5	+- 2.2
23	98	18.0	19.1	+- 0.6; 2.9	14.1	+- 0.6; 4.0	15.3	+- 2.1
24	98	18.0	18.5	+- 0.6; 2.8	13.6	+- 0.6; 3.9	15.2	+- 2.2

Transit Dose = 4.2 +- 0.4; 3.1

PALISADES

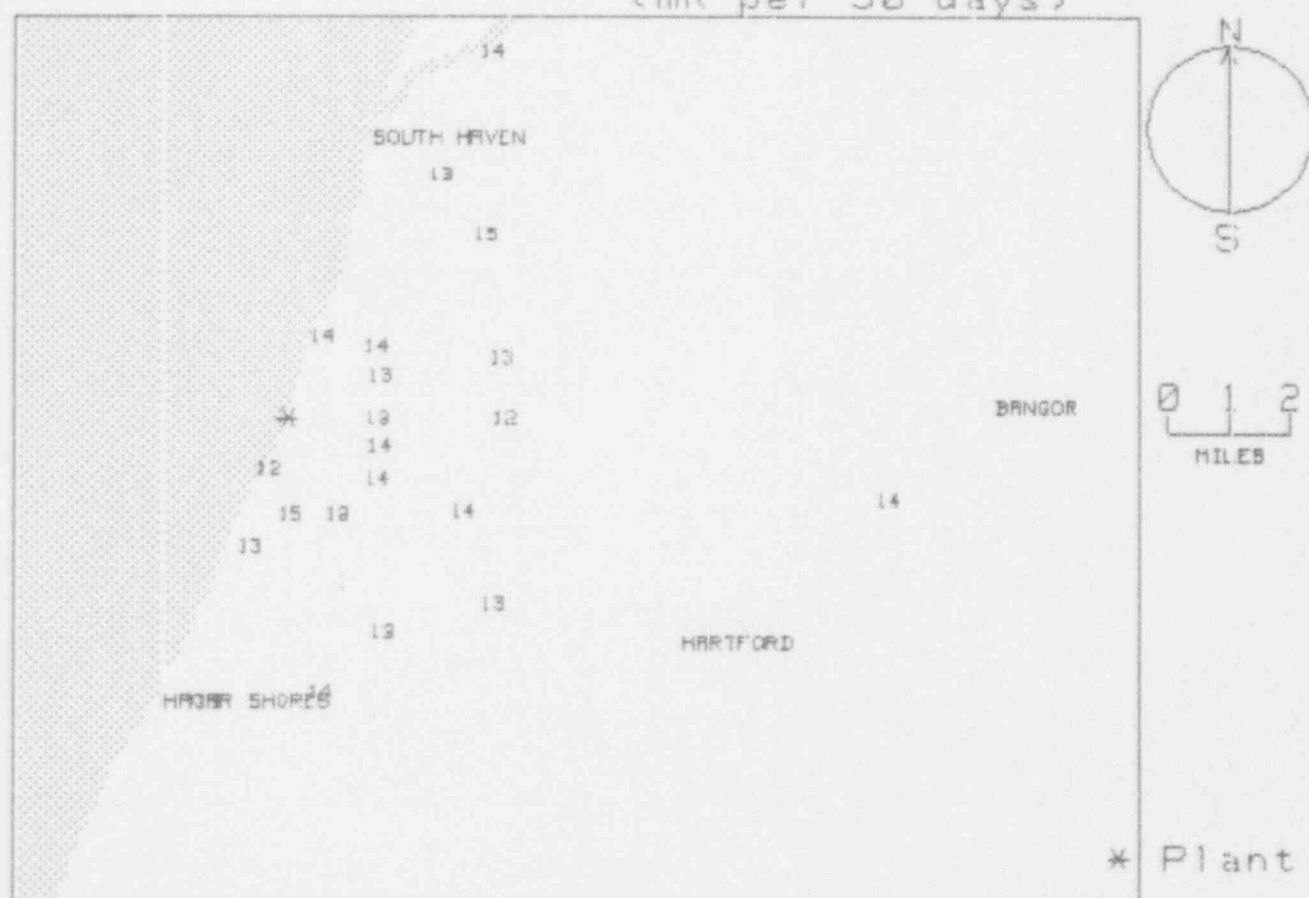
For the period 921207-930420

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	13.6 +- 0.8	3
33.76 - 56.25 NE	14.1 +- 0.7	2
56.26 - 78.75 ENE	12.8 +- 0.4	2
78.76 - 101.25 E	12.8 +- 1.2	3
101.26 - 123.75 ESE	13.7 +- 0.2	2
123.76 - 146.25 SE	13.4 +- 0.5	2
146.26 - 168.75 SSE	13.4 +- 0.0	2
168.76 - 191.25 S	14.6 +- 1.1	2
191.26 - 213.75 SSW	12.7 +- 0.4	3
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.4 +- 0.9	9
2 - 5	13.2 +- 0.8	10
> 5	14.2 +- 0.2	2
Upwind Control	13.8 +- 0.3	3

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



PALO VERDE

TLD Direct Radiation Environmental Monitoring

For the period 921206-930415 131 Days

Field Time: 85 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR)		(mR/Std. Qtr.)		Net Exp Rate	
			+-Rdm; Tot.		+-Rdm; Tot.		+-1 Std Dev	
1	74	23.0	23.3 +- 0.7; 3.5		20.8 +- 0.8; 4.7		20.1 +- 1.6	
2	92	21.0	23.0 +- 0.7; 3.5		20.6 +- 0.8; 4.7		21.1 +- 2.0	
3	89	15.0	23.0 +- 0.7; 3.5		20.6 +- 0.8; 4.7		20.3 +- 2.0	
4	103	11.0	23.0 +- 0.7; 3.5		20.6 +- 0.8; 4.7		20.5 +- 1.9	
5	140	7.4	23.5 +- 0.7; 3.5		21.1 +- 0.8; 4.7		21.6 +- 1.9	
6	142	3.1	24.7 +- 0.7; 3.7		22.3 +- 0.9; 4.9		20.7 +- 1.7	
7	162	2.6	23.2 +- 0.7; 3.5		20.7 +- 0.8; 4.7		20.8 +- 1.8	
8	168	2.6	24.2 +- 0.7; 3.6		21.8 +- 0.8; 4.8		20.9 +- 1.9	
9	193	2.6	24.6 +- 0.7; 3.7		22.2 +- 0.9; 4.9		22.5 +- 1.8	
10	215	3.1	24.3 +- 0.7; 3.6		21.9 +- 0.8; 4.8		22.3 +- 2.0	
11	200	1.7	24.7 +- 0.7; 3.7		22.3 +- 0.9; 4.9		22.4 +- 1.9	
12	214	1.0	25.0 +- 0.7; 3.7		22.6 +- 0.9; 4.9		21.5 +- 1.7	
13	242	0.7	26.5 +- 0.8; 4.0		24.2 +- 0.9; 5.1		23.7 +- 2.1	
14	263	0.6	24.6 +- 0.7; 3.7		22.3 +- 0.9; 4.9		22.2 +- 1.9	
15	295	0.6	23.9 +- 0.7; 3.6		21.5 +- 0.8; 4.8		21.6 +- 1.9	
16	325	1.0	23.3 +- 0.7; 3.5		20.8 +- 0.8; 4.7		21.7 +- 1.7	
17	347	1.8	24.5 +- 0.7; 3.7		22.1 +- 0.8; 4.9		22.4 +- 1.9	
18	0	2.4	25.1 +- 0.8; 3.8		22.8 +- 0.9; 4.9		23.1 +- 1.9	
19	18	1.5	22.7 +- 0.7; 3.4		20.2 +- 0.8; 4.6		20.5 +- 1.7	
20	37	2.0	23.3 +- 0.7; 3.5		20.9 +- 0.8; 4.7		21.6 +- 1.6	
21	58	2.3	23.8 +- 0.7; 3.6		21.4 +- 0.8; 4.8		22.7 +- 2.0	
22	75	2.8	23.8 +- 0.7; 3.6		21.4 +- 0.8; 4.8		23.0 +- 1.6	
23	93	4.4	24.7 +- 0.7; 3.7		22.3 +- 0.9; 4.9		22.1 +- 1.9	
24	101	3.3	24.7 +- 0.7; 3.7		22.3 +- 0.9; 4.9		21.9 +- 2.4	
25	346	2.9	24.6 +- 0.7; 3.7		22.2 +- 0.8; 4.9		21.8 +- 1.9	
26	334	4.3	27.5 +- 0.8; 4.1		25.3 +- 0.9; 5.3		24.4 +- 1.9	
27	333	7.9	28.7 +- 0.9; 4.3		26.6 +- 1.0; 5.4		24.6 +- 2.5	
28	0	7.0	24.5 +- 0.7; 3.7		22.1 +- 0.8; 4.9		22.7 +- 1.9	
29	9	4.2	25.3 +- 0.8; 3.8		23.0 +- 0.9; 5.0		23.7 +- 1.9	
30	27	3.6	24.2 +- 0.7; 3.6		21.8 +- 0.8; 4.8		23.4 +- 2.1	
31	49	3.5	25.1 +- 0.8; 3.8		22.8 +- 0.9; 4.9		23.7 +- 1.8	
32	120	3.3	26.3 +- 0.8; 4.0		24.1 +- 0.9; 5.1		24.3 +- 2.0	

Transit Dose = 3.6 +- 0.3; 2.8

PALO VERDE

For the period 921206-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	22.6 +- 0.4	3
11.26 - 33.75 NNE	21.0 +- 1.2	2
33.76 - 56.25 NE	21.8 +- 1.4	2
56.26 - 78.75 ENE	21.4 +- 0.0	2
78.76 - 101.25 E	22.3 +- 0.0	2
101.26 - 123.75 ESE	22.3 +- 2.5	2
123.76 - 146.25 SE	21.7 +- 0.9	2
146.26 - 168.75 SSE	21.3 +- 0.7	2
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	22.3 +- 0.0	2
213.76 - 236.25 SW	22.3 +- 0.5	2
236.26 - 258.75 WSW	24.2 +- 0.0	1
258.76 - 281.25 W	22.3 +- 0.0	1
281.26 - 303.75 WNW	21.5 +- 0.0	1
303.76 - 326.25 NW	20.8 +- 0.0	1
326.26 - 348.75 NNW	24.1 +- 2.3	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	21.9 +- 1.2	9
2 - 5	22.4 +- 1.1	16
> 5	22.6 +- 2.7	4
Upwind Control	20.7 +- 0.2	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 921206-930415 131 Days

Field Time: 103 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	330	10.3	23.2	+- 0.7; 3.5	18.9	+- 0.7; 4.1	15.5	+- 1.2
2	33	10.5	20.9	+- 0.6; 3.1	16.8	+- 0.6; 3.9	16.9	+- 1.3
3	21	4.8	20.6	+- 0.6; 3.1	16.6	+- 0.6; 3.8	17.9	+- 1.5
4	3	5.0	20.3	+- 0.6; 3.0	16.3	+- 0.6; 3.8	17.1	+- 1.5
5	344	4.1	21.0	+- 0.6; 3.2	17.0	+- 0.6; 3.9	17.3	+- 1.6
6	1	2.2	23.9	+- 0.7; 3.6	19.5	+- 0.7; 4.2	19.0	+- 1.5
7	26	2.4	22.1	+- 0.7; 3.3	17.9	+- 0.6; 4.0	18.0	+- 1.4
8	55	2.8	21.5	+- 0.6; 3.2	17.4	+- 0.6; 3.9	18.7	+- 1.6
9	42	2.0	20.9	+- 0.6; 3.1	16.9	+- 0.6; 3.9	17.1	+- 1.3
10	62	1.7	22.5	+- 0.7; 3.4	18.3	+- 0.6; 4.0	18.6	+- 2.7
11	96	1.9	23.3	+- 0.7; 3.5	19.0	+- 0.7; 4.1	19.2	+- 1.5
12	105	2.3	17.0	+- 0.5; 2.5	13.4	+- 0.5; 3.5	14.0	+- 1.0
13	72	5.0	Damaged Dosimeter		No Net Data		16.8	+- 1.6
14	85	4.6	22.3	+- 0.7; 3.3	18.1	+- 0.6; 4.0	18.6	+- 1.7
15	109	4.3	23.1	+- 0.7; 3.5	18.8	+- 0.7; 4.1	19.2	+- 1.6
16	130	4.6	18.4	+- 0.6; 2.8	14.6	+- 0.5; 3.6	13.7	+- 1.6
17	157	8.9	18.3	+- 0.5; 2.7	14.6	+- 0.5; 3.6	15.3	+- 1.5
18	163	4.6	20.7	+- 0.6; 3.1	16.7	+- 0.6; 3.8	16.6	+- 1.3
19	183	3.9	22.7	+- 0.7; 3.4	18.5	+- 0.7; 4.0	18.9	+- 1.4
20	201	4.8	23.0	+- 0.7; 3.5	18.7	+- 0.7; 4.1	18.7	+- 1.8
21	196	2.3	22.5	+- 0.7; 3.4	18.2	+- 0.6; 4.0	19.2	+- 1.7
22	182	1.7	23.8	+- 0.7; 3.6	19.4	+- 0.7; 4.1	18.6	+- 1.3
23	157	1.8	25.4	+- 0.8; 3.8	20.8	+- 0.7; 4.3	21.5	+- 2.0
24	219	1.8	26.0	+- 0.8; 3.9	21.4	+- 0.7; 4.4	20.6	+- 1.7
25	249	1.7	24.4	+- 0.7; 3.7	19.9	+- 0.7; 4.2	19.5	+- 1.6
26	269	1.8	25.3	+- 0.8; 3.8	20.7	+- 0.7; 4.3	20.2	+- 1.7
27	286	1.9	22.6	+- 0.7; 3.4	18.3	+- 0.6; 4.0	17.5	+- 1.1
28	323	1.8	20.1	+- 0.6; 3.0	16.2	+- 0.6; 3.8	16.1	+- 1.6
29	286	3.6	25.7	+- 0.8; 3.8	21.0	+- 0.7; 4.3	21.1	+- 1.4
30	262	4.0	25.7	+- 0.8; 3.8	21.0	+- 0.7; 4.3	20.6	+- 1.7
31	261	9.9	25.0	+- 0.7; 3.7	20.4	+- 0.7; 4.3	21.2	+- 1.6
32	247	3.2	21.2	+- 0.6; 3.2	17.1	+- 0.6; 3.9	18.5	+- 1.4
33	235	3.6	17.4	+- 0.5; 2.6	13.8	+- 0.5; 3.6	13.9	+- 1.5
34	319	4.9	23.8	+- 0.7; 3.6	19.4	+- 0.7; 4.1	19.6	+- 1.6
35	149	0.7	20.1	+- 0.6; 3.0	16.1	+- 0.6; 3.8	17.7	+- 1.4
36	147	17.9	18.4	+- 0.6; 2.8	14.7	+- 0.6; 3.6	13.9	+- 1.2
37	147	17.9	18.4	+- 0.6; 2.8	14.7	+- 0.6; 3.6	14.7	+- 1.5
38	147	17.9	18.1	+- 0.5; 2.7	14.4	+- 0.5; 3.6	14.5	+- 1.2

Transit Dose = 1.6 +- 0.3; 3.1

PEACH BOTTOM

For the period 921206-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.9 +- 2.2	2
11.26 - 33.75 NNE	17.1 +- 0.7	3
33.76 - 56.25 NE	17.1 +- 0.4	2
56.26 - 78.75 ENE	18.3 +- 0.0	1
78.76 - 101.25 E	18.5 +- 0.6	2
101.26 - 123.75 ESE	16.1 +- 3.8	2
123.76 - 146.25 SE	14.6 +- 0.0	1
146.26 - 168.75 SSE	17.0 +- 2.6	4
168.76 - 191.25 S	18.9 +- 0.7	2
191.26 - 213.75 SSW	18.5 +- 0.3	2
213.76 - 236.25 SW	17.6 +- 5.4	2
236.26 - 258.75 WSW	18.5 +- 2.0	2
258.76 - 281.25 W	20.7 +- 0.3	3
281.26 - 303.75 WNW	19.7 +- 1.9	2
303.76 - 326.25 NW	17.8 +- 2.3	2
326.26 - 348.75 NNW	17.9 +- 1.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.8 +- 1.8	11
2 - 5	17.6 +- 2.1	19
> 5	17.7 +- 2.5	4
Upwind Control	14.6 +- 0.2	3

MAP FOR PEACH BOTTOM

Map will be provided for this site in the future.

PERRY

TLD Direct Radiation Environmental Monitoring

For the period 921207-930421 136 Days

Field Time: 89 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	72 5.0	19.0 +- 0.6; 2.8	14.4 +- 0.7; 4.2	16.2 +- 2.2
3	88 5.5	18.6 +- 0.6; 2.8	14.1 +- 0.7; 4.1	16.2 +- 2.1
4	112 6.0	20.6 +- 0.6; 3.1	16.0 +- 0.7; 4.3	17.1 +- 2.3
5	130 4.0	18.5 +- 0.6; 2.8	14.0 +- 0.7; 4.1	17.0 +- 2.4
6	155 5.0	21.8 +- 0.7; 3.3	17.3 +- 0.8; 4.5	19.9 +- 1.6
7	178 5.2	19.8 +- 0.6; 3.0	15.3 +- 0.7; 4.3	17.7 +- 1.9
8	205 4.6	18.5 +- 0.6; 2.8	13.9 +- 0.7; 4.1	17.6 +- 3.6
9	220 5.2	18.7 +- 0.6; 2.8	14.1 +- 0.7; 4.1	16.3 +- 2.1
10	225 7.4	20.7 +- 0.6; 3.1	16.1 +- 0.7; 4.3	17.7 +- 2.1
11	240 5.8	22.4 +- 0.7; 3.4	17.8 +- 0.8; 4.5	18.8 +- 2.2
12	225 19.0	18.5 +- 0.6; 2.8	13.9 +- 0.7; 4.1	16.7 +- 2.4
13	225 19.0	18.0 +- 0.5; 2.7	13.4 +- 0.7; 4.1	16.1 +- 2.3
14	212 12.0	23.0 +- 0.7; 3.4	18.5 +- 0.8; 4.6	22.0 +- 2.3
15	248 1.4	18.1 +- 0.5; 2.7	13.5 +- 0.7; 4.1	16.1 +- 2.2
16	225 0.8	17.8 +- 0.5; 2.7	13.3 +- 0.7; 4.0	16.3 +- 3.3
17	205 0.7	17.8 +- 0.5; 2.7	13.2 +- 0.7; 4.0	14.2 +- 2.0
18	180 0.8	17.8 +- 0.5; 2.7	13.2 +- 0.7; 4.0	15.6 +- 2.4
19	152 1.8	19.5 +- 0.6; 2.9	14.9 +- 0.7; 4.2	16.5 +- 2.3
20	123 1.6	17.0 +- 0.5; 2.6	12.4 +- 0.6; 4.0	14.5 +- 2.2
21	105 1.4	19.0 +- 0.6; 2.8	14.4 +- 0.7; 4.2	14.8 +- 2.2
22	85 1.2	19.0 +- 0.6; 2.8	14.4 +- 0.7; 4.2	16.7 +- 3.4
23	65 1.4	Missing Dosimeter	No Net Data	16.4 +- 2.4
24	40 0.6	17.7 +- 0.5; 2.6	13.1 +- 0.6; 4.0	15.7 +- 2.3
25	40 0.6	18.3 +- 0.5; 2.7	13.7 +- 0.7; 4.1	18.1 +- 3.8
26	182 2.8	18.2 +- 0.5; 2.7	13.6 +- 0.7; 4.1	17.1 +- 3.3
27	175 2.8	18.2 +- 0.5; 2.7	13.6 +- 0.7; 4.1	17.0 +- 3.4

Transit Dose = 4.7 +- 0.4; 3.0

PERRY

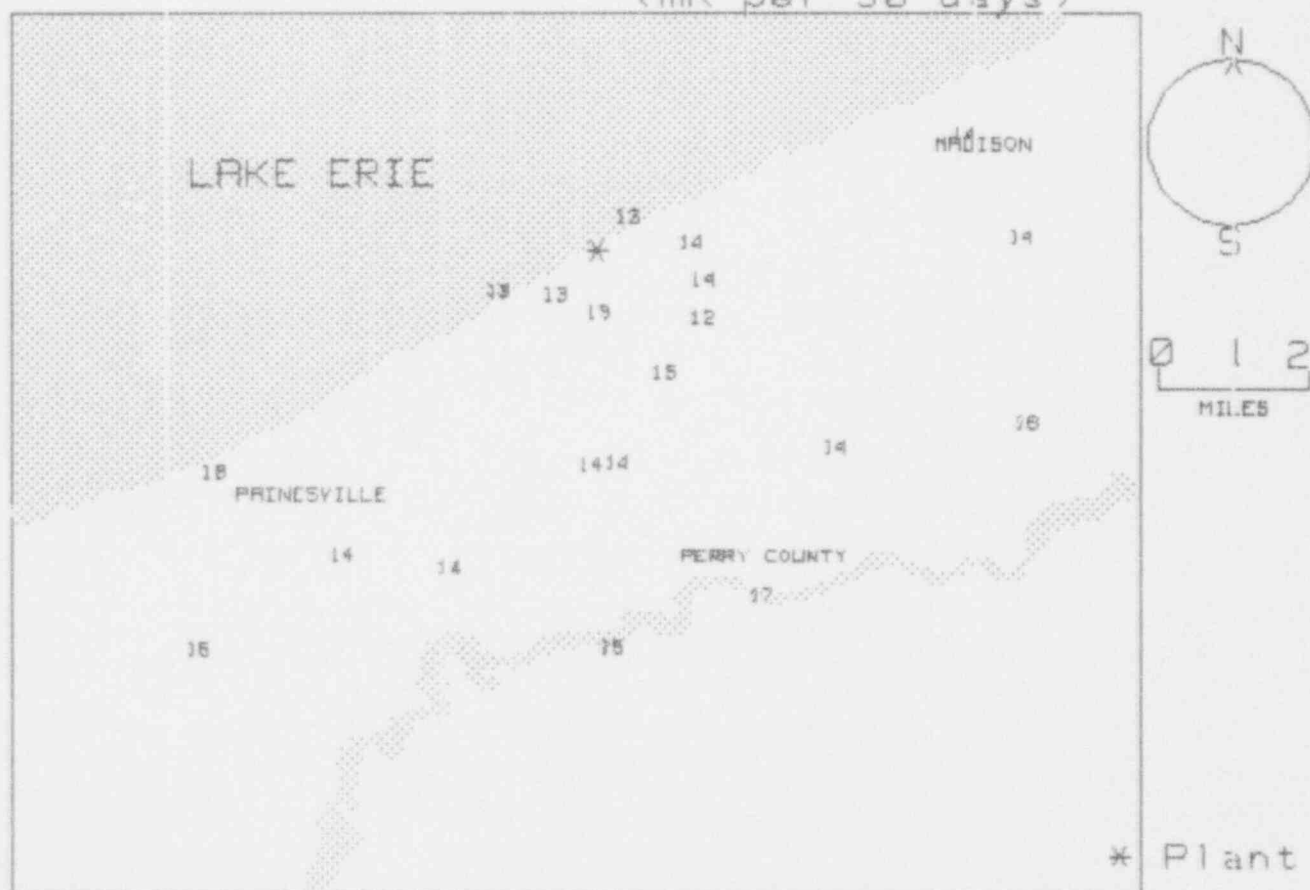
For the period 921207-930421

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	13.4 +- 0.4	2
56.26 - 78.75 ENE	14.4 +- 0.0	1
78.76 - 101.25 E	14.2 +- 0.3	2
101.26 - 123.75 ESE	14.3 +- 1.8	3
123.76 - 146.25 SE	14.0 +- 0.0	1
146.26 - 168.75 SSE	16.1 +- 1.7	2
168.76 - 191.25 S	13.9 +- 0.9	4
191.26 - 213.75 SSW	13.5 +- 0.5	2
213.76 - 236.25 SW	14.5 +- 1.5	3
236.26 - 258.75 WSW	15.7 +- 3.1	2
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.6 +- 0.8	10
2 - 5	14.5 +- 1.4	6
> 5	15.6 +- 1.4	6
Upwind Control	15.3 +- 2.8	3

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



PILGRIM

TLD Direct Radiation Environmental Monitoring

For the period 921209-930427 140 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	288 0.1	124.4 +- 3.7; 18.7	109.1 +- 3.7; 18.4	41.7 +- 25.1
2	310 0.2	28.9 +- 0.9; 4.3	16.7 +- 1.0; 5.6	16.8 +- 4.2
5	289 0.7	26.5 +- 0.8; 4.0	14.3 +- 1.0; 5.3	17.0 +- 3.9
6	261 1.7	25.4 +- 0.8; 3.8	13.2 +- 0.9; 5.2	15.0 +- 3.8
7	270 0.5	28.7 +- 0.9; 4.3	16.4 +- 1.0; 5.6	19.0 +- 4.2
8	247 0.3	28.1 +- 0.8; 4.2	15.8 +- 1.0; 5.5	16.9 +- 3.4
9	224 0.3	28.0 +- 0.8; 4.2	15.7 +- 1.0; 5.5	15.6 +- 4.1
10	205 0.3	30.2 +- 0.9; 4.5	17.9 +- 1.0; 5.7	17.1 +- 4.6
11	184 0.3	31.7 +- 1.0; 4.8	19.4 +- 1.1; 5.9	18.3 +- 4.6
12	159 0.4	26.3 +- 0.8; 4.0	14.1 +- 0.9; 5.3	16.6 +- 3.4
13	146 0.7	25.0 +- 0.7; 3.7	12.8 +- 0.9; 5.2	13.9 +- 3.3
14	155 1.0	23.2 +- 0.7; 3.5	11.1 +- 0.9; 5.0	15.6 +- 4.0
16	136 1.3	25.1 +- 0.8; 3.8	12.9 +- 0.9; 5.2	14.2 +- 3.2
18	212 0.8	23.0 +- 0.7; 3.5	10.9 +- 0.9; 5.0	14.6 +- 5.3
19	232 1.0	25.0 +- 0.8; 3.8	12.9 +- 0.9; 5.2	13.9 +- 3.3
21	256 1.6	22.6 +- 0.7; 3.4	10.5 +- 0.9; 4.9	13.7 +- 3.6
22	130 2.5	25.6 +- 0.8; 3.8	13.4 +- 0.9; 5.2	14.2 +- 3.5
23	146 3.4	22.9 +- 0.7; 3.4	10.8 +- 0.9; 5.0	13.8 +- 3.5
25	168 1.5	25.1 +- 0.8; 3.8	12.9 +- 0.9; 5.2	14.3 +- 3.2
26	180 1.3	22.7 +- 0.7; 3.4	10.6 +- 0.9; 4.9	12.5 +- 3.5
27	231 1.8	25.1 +- 0.8; 3.8	12.9 +- 0.9; 5.2	13.8 +- 3.2
30	153 2.2	27.0 +- 0.8; 4.0	14.8 +- 1.0; 5.4	16.3 +- 3.1
31	179 2.5	21.9 +- 0.7; 3.3	9.8 +- 0.8; 4.9	13.3 +- 3.3
32	217 2.6	22.2 +- 0.7; 3.3	10.2 +- 0.9; 4.9	12.2 +- 3.1
33	234 2.5	23.1 +- 0.7; 3.5	11.1 +- 0.9; 5.0	14.1 +- 3.4
37	264 4.2	25.5 +- 0.8; 3.8	13.4 +- 0.9; 5.2	14.5 +- 3.5
38	152 3.5	Missing Dosimeter	No Net Data	13.4 +- 3.7
39	155 5.3	22.4 +- 0.7; 3.4	10.3 +- 0.9; 4.9	12.3 +- 3.5
40	272 4.6	26.1 +- 0.8; 3.9	14.0 +- 0.9; 5.3	15.3 +- 3.3
42	281 4.6	24.1 +- 0.7; 3.6	12.0 +- 0.9; 5.1	13.4 +- 3.3
43	291 5.8	27.3 +- 0.8; 4.1	15.1 +- 1.0; 5.4	16.0 +- 3.3
45	197 6.0	22.4 +- 0.7; 3.4	10.4 +- 0.9; 4.9	13.1 +- 3.8
47	301 26.0	25.1 +- 0.8; 3.8	12.9 +- 0.9; 5.2	15.2 +- 3.3
48	301 26.0	26.1 +- 0.8; 3.9	13.9 +- 0.9; 5.3	15.9 +- 3.4
49	301 26.0	24.6 +- 0.7; 3.7	12.4 +- 0.9; 5.1	14.8 +- 3.3

Transit Dose = 11.7 +- 0.6; 3.8

PILGRIM

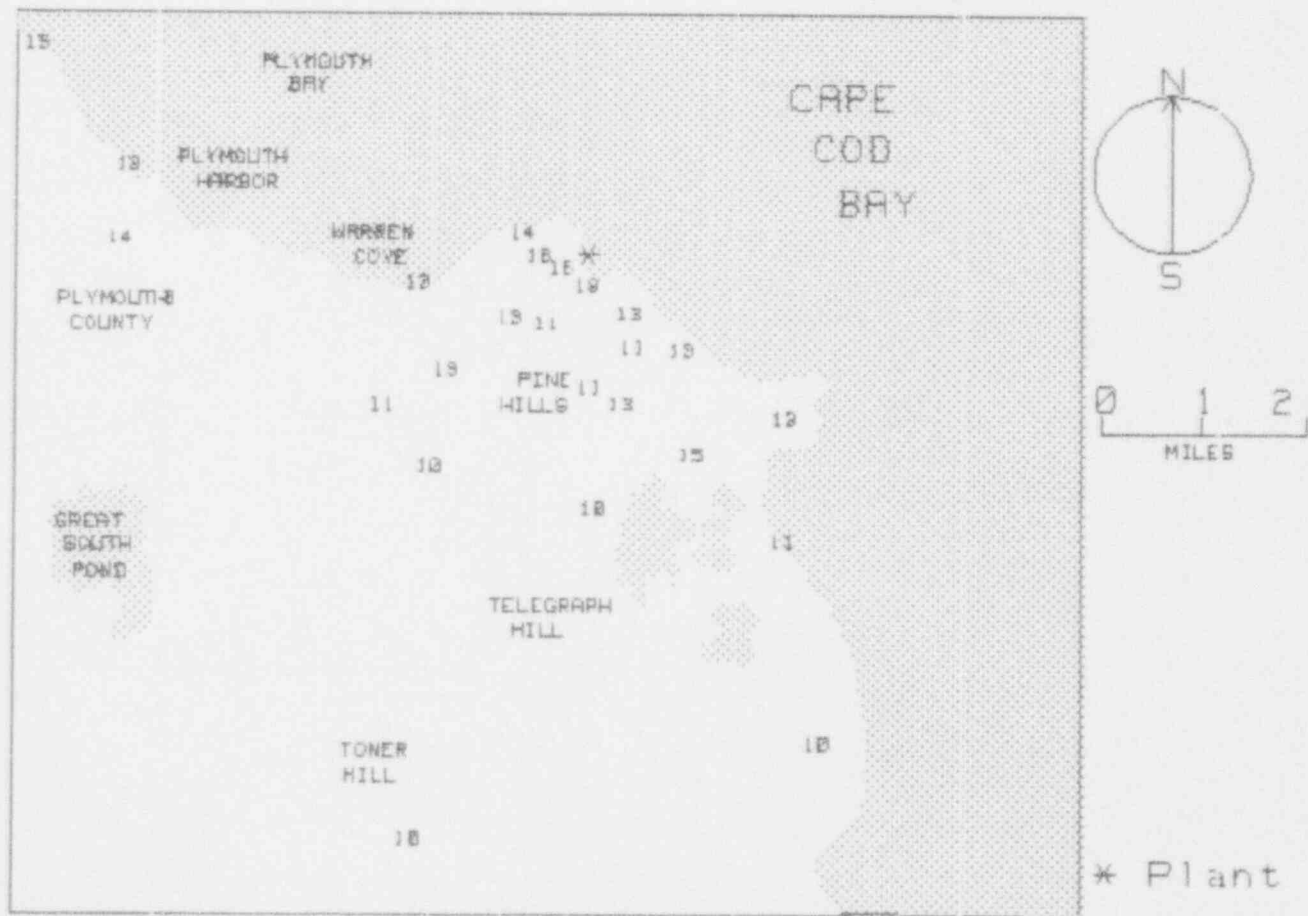
For the period 921209-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	12.5 +- 1.2	4
146.26 - 168.75 SSE	12.6 +- 1.9	5
168.76 - 191.25 S	13.3 +- 5.3	3
191.26 - 213.75 SSW	13.1 +- 4.2	3
213.76 - 236.25 SW	12.5 +- 2.1	5
236.26 - 258.75 WSW	13.2 +- 3.8	2
258.76 - 281.25 W	13.8 +- 1.6	5
281.26 - 303.75 WNW	46.2 +- 54.5	3
303.76 - 326.25 NW	16.7 +- 0.0	1
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.0 +- 22.0	19
2 - 5	12.1 +- 1.8	9
> 5	11.9 +- 2.8	3
Upwind Control	13.1 +- 0.8	3

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



PRAIRIE ISLAND

TLD Direct Radiation Environmental Monitoring

For the period 921207-930427 142 Days

Field Time: 105 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	312 16.5	21.0 +- 0.6; 3.1	14.0 +- 0.6; 4.0	17.9 +- 2.1
2	310 15.0	21.6 +- 0.6; 3.2	14.5 +- 0.7; 4.0	17.3 +- 2.3
3	310 15.0	21.1 +- 0.6; 3.2	14.1 +- 0.6; 4.0	17.3 +- 2.4
4	308 5.5	21.7 +- 0.7; 3.3	14.6 +- 0.7; 4.0	17.6 +- 1.9
5	297 4.1	20.1 +- 0.6; 3.0	13.3 +- 0.6; 3.9	16.3 +- 2.0
6	287 1.3	20.5 +- 0.6; 3.1	13.5 +- 0.6; 3.9	17.1 +- 2.2
7	313 0.8	19.5 +- 0.6; 2.9	12.7 +- 0.6; 3.9	15.3 +- 1.8
8	244 0.5	21.6 +- 0.6; 3.2	14.5 +- 0.7; 4.0	16.6 +- 2.1
9	194 0.6	21.6 +- 0.6; 3.2	14.5 +- 0.7; 4.0	17.0 +- 1.8
10	155 0.5	22.3 +- 0.7; 3.3	15.1 +- 0.7; 4.1	17.6 +- 1.9
11	129 1.6	20.1 +- 0.6; 3.0	13.2 +- 0.6; 3.9	15.8 +- 1.9
12	153 1.4	20.9 +- 0.6; 3.1	13.9 +- 0.6; 4.0	16.6 +- 1.7
13	217 0.6	21.5 +- 0.6; 3.2	14.4 +- 0.7; 4.0	17.0 +- 2.0
14	178 0.8	21.0 +- 0.6; 3.2	14.0 +- 0.6; 4.0	16.8 +- 1.9
15	272 1.9	21.1 +- 0.6; 3.2	14.1 +- 0.6; 4.0	16.0 +- 2.1
16	262 4.6	Missing Dosimeter	No Net Data	18.1 +- 2.6
17	250 4.3	21.3 +- 0.6; 3.2	14.3 +- 0.6; 4.0	17.7 +- 2.1
18	225 4.1	20.9 +- 0.6; 3.1	13.9 +- 0.6; 4.0	17.9 +- 3.1
19	233 6.7	20.1 +- 0.6; 3.0	13.2 +- 0.6; 3.9	15.9 +- 2.2
20	200 4.9	23.1 +- 0.7; 3.5	15.8 +- 0.7; 4.2	18.8 +- 2.2
21	187 4.7	23.5 +- 0.7; 3.5	16.2 +- 0.7; 4.2	19.3 +- 2.4
22	160 4.4	21.7 +- 0.6; 3.2	14.6 +- 0.7; 4.0	17.7 +- 2.2
23	140 4.7	22.4 +- 0.7; 3.4	15.2 +- 0.7; 4.1	18.3 +- 2.1
24	131 6.6	22.2 +- 0.7; 3.3	15.0 +- 0.7; 4.1	17.6 +- 2.0
25	117 4.9	21.2 +- 0.6; 3.2	14.2 +- 0.6; 4.0	16.5 +- 2.0
26	88 1.9	21.4 +- 0.6; 3.2	14.4 +- 0.6; 4.0	17.0 +- 1.9
27	69 1.8	20.3 +- 0.6; 3.0	13.4 +- 0.6; 3.9	17.0 +- 2.3
28	47 1.6	21.2 +- 0.6; 3.2	14.2 +- 0.6; 4.0	17.3 +- 2.3
29	19 1.5	19.7 +- 0.6; 3.0	12.9 +- 0.6; 3.9	16.1 +- 2.1
30	356 1.9	20.4 +- 0.6; 3.1	13.5 +- 0.6; 3.9	16.6 +- 2.4
31	346 2.4	24.0 +- 0.7; 3.6	16.6 +- 0.7; 4.3	18.5 +- 2.3
32	340 3.8	22.6 +- 0.7; 3.4	15.3 +- 0.7; 4.1	20.0 +- 4.2
33	8 4.6	23.9 +- 0.7; 3.6	16.5 +- 0.7; 4.3	19.4 +- 2.3
34	17 4.7	22.3 +- 0.7; 3.4	15.2 +- 0.7; 4.1	19.2 +- 2.3
35	45 11.0	21.4 +- 0.6; 3.2	14.3 +- 0.6; 4.0	17.1 +- 1.9
36	48 4.7	22.2 +- 0.7; 3.3	15.1 +- 0.7; 4.1	18.9 +- 2.2
37	61 4.2	23.4 +- 0.7; 3.5	16.1 +- 0.7; 4.2	19.2 +- 2.1
38	86 4.9	Damaged Dosimeter	No Net Data	18.9 +- 2.2
39	107 9.1	Damaged Dosimeter	No Net Data	16.7 +- 2.0
40	111 3.7	21.1 +- 0.6; 3.2	14.1 +- 0.6; 4.0	16.7 +- 2.0

Transit Dose = 4.7 +- 0.4; 3.4

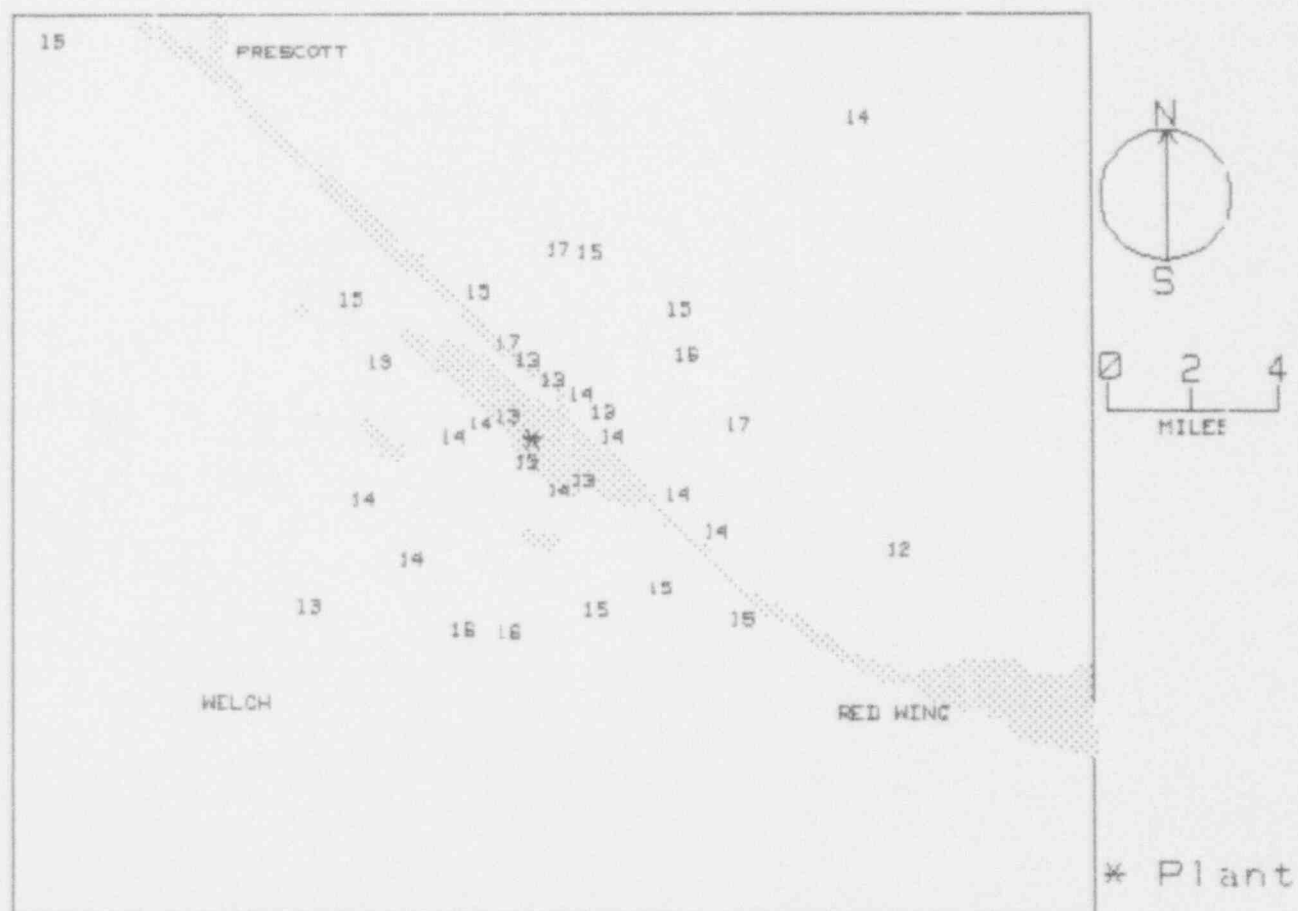
PRAIRIE ISLAND
For the period 921207-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	15.0 +- 2.1	2
11.26 - 33.75 NNE	14.0 +- 1.6	2
33.76 - 56.25 NE	14.5 +- 0.5	3
56.26 - 78.75 ENE	14.7 +- 1.9	2
78.76 - 101.25 E	14.4 +- 0.0	1
101.26 - 123.75 ESE	14.1 +- 0.1	2
123.76 - 146.25 SE	14.5 +- 1.1	3
146.26 - 168.75 SSE	14.5 +- 0.6	3
168.76 - 191.25 S	15.1 +- 1.5	2
191.26 - 213.75 SSW	15.2 +- 0.9	2
213.76 - 236.25 SW	13.9 +- 0.6	3
236.26 - 258.75 WSW	14.4 +- 0.1	2
258.76 - 281.25 W	14.1 +- 0.0	1
281.26 - 303.75 WNW	13.4 +- 0.2	2
303.76 - 326.25 NW	13.7 +- 1.3	2
326.26 - 348.75 NNW	16.0 +- 0.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.9 +- 0.7	15
2 - 5	15.1 +- 1.0	15
> 5	14.3 +- 0.8	4
Upwind Control	14.2 +- 0.3	3

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



QUAD CITIES

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 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	3	0.7	16.1 +- 0.5; 2.4		12.2 +- 0.6; 4.0		15.1 +- 1.6	
2	16	1.2	18.3 +- 0.5; 2.7		14.6 +- 0.7; 4.2		17.5 +- 2.2	
3	35	1.7	17.2 +- 0.5; 2.6		13.4 +- 0.7; 4.1		15.1 +- 1.7	
4	45	1.1	17.9 +- 0.5; 2.7		14.1 +- 0.7; 4.1		15.9 +- 1.6	
5	90	0.8	16.8 +- 0.5; 2.5		13.0 +- 0.6; 4.0		15.7 +- 1.7	
6	138	1.1	17.5 +- 0.5; 2.6		13.7 +- 0.7; 4.1		16.4 +- 1.7	
7	175	1.8	17.5 +- 0.5; 2.6		13.7 +- 0.7; 4.1		16.5 +- 1.7	
8	165	2.0	18.0 +- 0.5; 2.7		14.2 +- 0.7; 4.1		16.5 +- 1.6	
9	186	3.1	18.3 +- 0.5; 2.7		14.6 +- 0.7; 4.2		16.0 +- 1.5	
10	188	7.7	14.8 +- 0.4; 2.2		10.9 +- 0.6; 3.8		16.7 +- 4.6	
11	156	4.2	17.6 +- 0.5; 2.6		13.8 +- 0.7; 4.1		16.9 +- 1.6	
12	142	4.8	17.9 +- 0.5; 2.7		14.1 +- 0.7; 4.1		16.6 +- 1.9	
13	123	3.3	17.9 +- 0.5; 2.7		14.1 +- 0.7; 4.1		16.3 +- 1.8	
14	122	2.0	17.3 +- 0.5; 2.6		13.4 +- 0.7; 4.1		15.1 +- 1.9	
15	86	2.8	18.3 +- 0.5; 2.7		14.6 +- 0.7; 4.2		17.3 +- 1.7	
16	57	4.4	20.1 +- 0.6; 3.0		16.4 +- 0.7; 4.4		19.1 +- 1.7	
17	48	6.1	18.8 +- 0.6; 2.8		15.0 +- 0.7; 4.2		16.5 +- 1.6	
18	39	9.4	18.6 +- 0.6; 2.8		14.8 +- 0.7; 4.2		15.8 +- 1.4	
19	34	4.7	Missing Dosimeter		No Net Data		15.6 +- 1.7	
20	16	4.3	19.3 +- 0.6; 2.9		15.6 +- 0.7; 4.3		16.7 +- 1.9	
21	352	4.2	19.4 +- 0.6; 2.9		15.7 +- 0.7; 4.3		18.9 +- 2.9	
22	328	4.1	19.4 +- 0.6; 2.9		15.7 +- 0.7; 4.3		18.7 +- 1.8	
23	337	5.7	18.3 +- 0.5; 2.7		14.5 +- 0.7; 4.2		17.1 +- 1.7	
24	310	4.4	19.4 +- 0.6; 2.9		15.7 +- 0.7; 4.3		18.4 +- 1.9	
25	295	4.1	17.5 +- 0.5; 2.6		13.7 +- 0.7; 4.1		16.4 +- 1.8	
26	278	6.9	16.7 +- 0.5; 2.5		12.8 +- 0.6; 4.0		14.5 +- 1.7	
27	260	4.3	17.2 +- 0.5; 2.6		13.4 +- 0.7; 4.1		16.3 +- 1.9	
28	253	4.0	19.0 +- 0.6; 2.9		15.3 +- 0.7; 4.3		16.8 +- 1.9	
29	352	2.8	19.5 +- 0.6; 2.9		15.8 +- 0.7; 4.3		17.6 +- 1.9	
30	335	1.9	20.4 +- 0.6; 3.1		16.8 +- 0.7; 4.4		17.2 +- 1.7	
31	305	2.6	18.6 +- 0.6; 2.8		14.8 +- 0.7; 4.2		17.4 +- 2.2	
32	285	2.5	16.5 +- 0.5; 2.5		12.7 +- 0.6; 4.0		15.4 +- 2.3	
33	257	2.0	18.5 +- 0.6; 2.8		14.8 +- 0.7; 4.2		16.8 +- 2.3	
34	248	2.2	18.0 +- 0.5; 2.7		14.2 +- 0.7; 4.1		16.8 +- 1.6	
35	229	2.6	17.6 +- 0.5; 2.6		13.8 +- 0.7; 4.1		15.9 +- 1.8	
36	204	3.4	18.9 +- 0.6; 2.8		15.2 +- 0.7; 4.3		16.5 +- 2.5	
37	194	9.3	18.2 +- 0.5; 2.7		14.4 +- 0.7; 4.2		16.8 +- 3.4	
38	224	4.9	19.9 +- 0.6; 3.0		16.3 +- 0.7; 4.4		17.5 +- 2.1	
39	301	14.0	17.8 +- 0.5; 2.7		14.0 +- 0.7; 4.1		15.7 +- 1.7	
40	301	14.0	17.9 +- 0.5; 2.7		14.1 +- 0.7; 4.1		15.5 +- 2.0	
41	301	14.0	16.4 +- 0.5; 2.5		12.6 +- 0.6; 4.0		15.1 +- 1.8	

Transit Dose = 4.6 +- 0.3; 2.8

QUAD CITIES

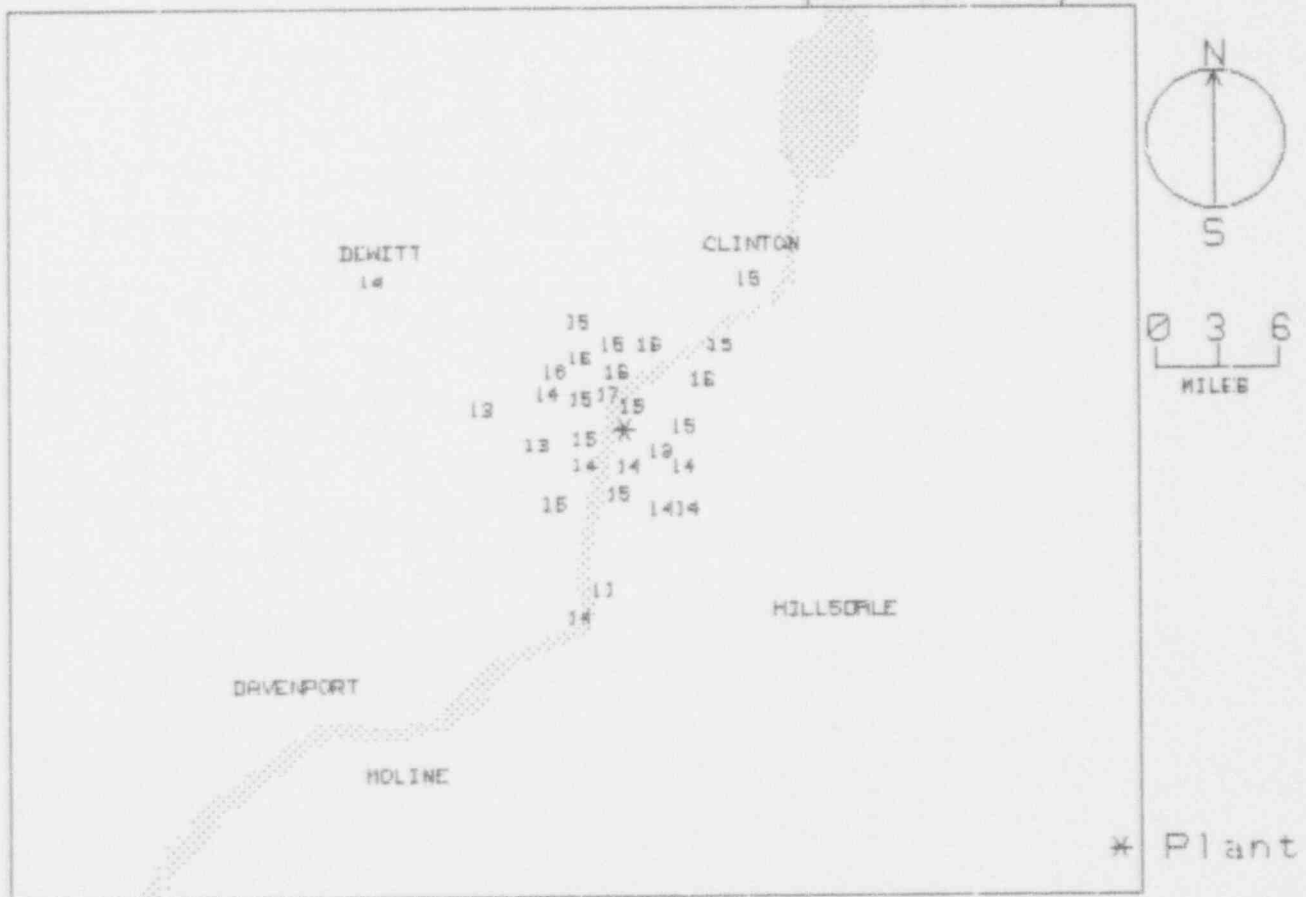
For the period 921207-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.6 +- 2.0	3
11.26 - 33.75 NNE	15.1 +- 0.7	2
33.76 - 56.25 NE	14.3 +- 0.8	4
56.26 - 78.75 ENE	16.4 +- 0.0	1
78.76 - 101.25 E	13.8 +- 1.1	2
101.26 - 123.75 ESE	13.8 +- 0.5	2
123.76 - 146.25 SE	13.9 +- 0.3	2
146.26 - 168.75 SSE	14.0 +- 0.3	2
168.76 - 191.25 S	13.0 +- 1.9	3
191.26 - 213.75 SSW	14.8 +- 0.6	2
213.76 - 236.25 SW	15.0 +- 1.7	2
236.26 - 258.75 WSW	14.8 +- 0.6	3
258.76 - 281.25 W	13.1 +- 0.4	2
281.26 - 303.75 WNW	13.2 +- 0.7	2
303.76 - 326.25 NW	15.3 +- 0.6	2
326.26 - 348.75 NNW	15.7 +- 1.1	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.0 +- 1.2	11
2 - 5	14.8 +- 1.0	20
> 5	13.7 +- 1.6	6
Upwind Control	13.6 +- 0.8	3

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



RANCHO SECO

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR)		(mR/Std. Qtr.)		Net Exp Rate	
			+ - Rdm; Tot.		+ - Rdm; Tot.		+ - 1 Std Dev	
1	288	16.0	23.3 +- 0.7; 3.5		18.1 +- 0.8; 4.5		16.3 +- 3.1	
2	239	12.0	23.0 +- 0.7; 3.5		17.8 +- 0.8; 4.5		17.8 +- 1.9	
3	213	16.0	24.5 +- 0.7; 3.7		19.3 +- 0.8; 4.7		18.9 +- 1.9	
4	149	9.9	22.1 +- 0.7; 3.3		16.9 +- 0.7; 4.4		16.9 +- 2.7	
5	108	8.2	26.6 +- 0.8; 4.0		21.3 +- 0.9; 4.9		22.8 +- 2.1	
6	86	10.0	19.4 +- 0.6; 2.9		14.3 +- 0.7; 4.1		14.9 +- 2.2	
7	83	9.7	20.5 +- 0.6; 3.1		15.3 +- 0.7; 4.2		14.7 +- 1.6	
8	37	7.1	20.6 +- 0.6; 3.1		15.5 +- 0.7; 4.3		15.0 +- 1.9	
9	65	0.8	22.0 +- 0.7; 3.3		16.9 +- 0.7; 4.4		15.9 +- 2.0	
10	43	0.7	21.6 +- 0.6; 3.2		16.5 +- 0.7; 4.4		17.0 +- 2.4	
11	92	0.2	21.1 +- 0.6; 3.2		16.0 +- 0.7; 4.3		15.5 +- 2.0	
12	131	1.6	20.7 +- 0.6; 3.1		15.6 +- 0.7; 4.3		14.6 +- 1.7	
13	358	0.6	21.8 +- 0.7; 3.3		16.7 +- 0.7; 4.4		17.4 +- 2.0	
14	323	0.7	22.7 +- 0.7; 3.4		17.5 +- 0.8; 4.5		16.3 +- 1.8	
15	151	0.7	Missing Dosimeter		No Net Data		15.6 +- 1.9	
16	219	0.9	23.1 +- 0.7; 3.5		17.9 +- 0.8; 4.5		16.3 +- 1.8	
17	245	1.5	22.2 +- 0.7; 3.3		17.0 +- 0.7; 4.4		15.3 +- 1.7	
18	254	2.3	19.6 +- 0.6; 2.9		14.5 +- 0.7; 4.2		15.1 +- 1.5	
19	323	7.0	22.9 +- 0.7; 3.4		17.7 +- 0.8; 4.5		16.8 +- 2.0	
20	309	6.3	23.1 +- 0.7; 3.5		17.9 +- 0.8; 4.5		17.2 +- 2.1	
21	279	5.7	21.5 +- 0.6; 3.2		16.3 +- 0.7; 4.4		16.1 +- 1.9	
22	244	6.4	22.9 +- 0.7; 3.4		17.8 +- 0.8; 4.5		17.4 +- 1.7	
23	217	4.6	21.2 +- 0.6; 3.2		16.1 +- 0.7; 4.3		16.4 +- 1.8	
24	350	11.0	21.8 +- 0.7; 3.3		16.6 +- 0.7; 4.4		16.5 +- 1.8	
25	318	17.0	Missing Dosimeter		No Net Data		17.2 +- 1.8	
26	311	22.0	23.0 +- 0.7; 3.4		17.8 +- 0.8; 4.5		17.4 +- 1.9	
27	306	27.0	21.7 +- 0.7; 3.3		16.6 +- 0.7; 4.4		15.7 +- 1.9	
28	306	27.0	21.3 +- 0.6; 3.2		16.2 +- 0.7; 4.3		15.8 +- 1.5	
29	306	27.0	20.5 +- 0.6; 3.1		15.4 +- 0.7; 4.2		16.0 +- 2.6	
30	306	27.0	21.8 +- 0.7; 3.3		16.6 +- 0.7; 4.4		15.3 +- 2.0	

Transit Dose = 4.8 +- 0.4; 3.1

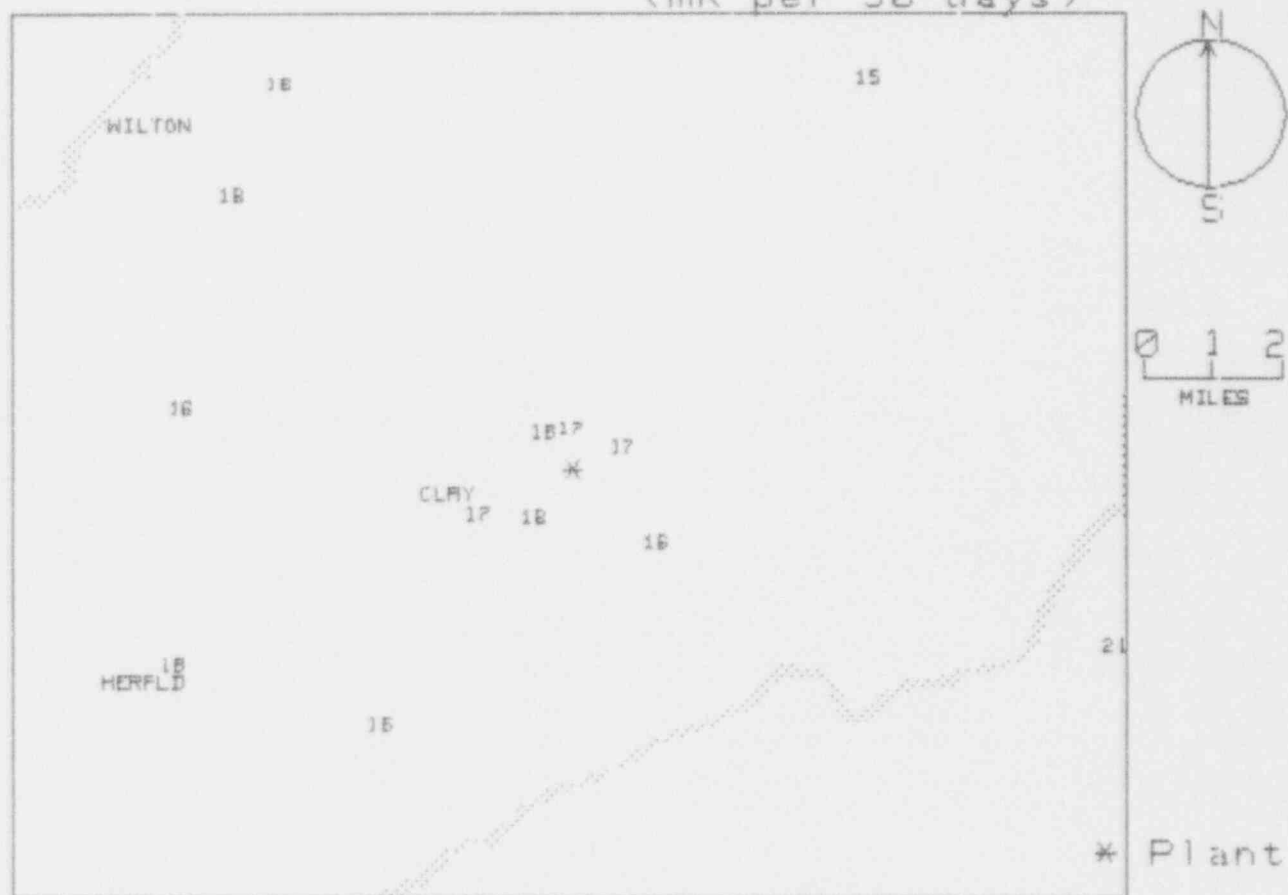
RANCHO SECO
For the period 921206-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	16.6 +- 0.0	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	16.0 +- 0.7	2
56.26 - 78.75 ENE	16.9 +- 0.0	1
78.76 - 101.25 E	15.2 +- 0.9	3
101.26 - 123.75 ESE	21.3 +- 0.0	1
123.76 - 146.25 SE	15.6 +- 0.0	1
146.26 - 168.75 SSE	16.9 +- 0.0	1
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	19.3 +- 0.0	1
213.76 - 236.25 SW	17.0 +- 1.3	2
236.26 - 258.75 WSW	16.8 +- 1.6	4
258.76 - 281.25 W	16.3 +- 0.0	1
281.26 - 303.75 WNW	18.1 +- 0.0	1
303.76 - 326.25 NW	17.0 +- 1.0	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	16.8 +- 0.8	8
2 - 5	15.3 +- 1.1	2
> 5	17.1 +- 1.7	15
Upwind Control	16.8 +- 0.8	3

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



RIVER BEND

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 Days

Field Time: 94 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	348	1.3	21.4	+- 0.6; 3.2	17.5	+- 0.7; 4.2	18.2	+- 2.2
2	42	1.1	21.8	+- 0.7; 3.3	17.9	+- 0.7; 4.2	18.3	+- 2.3
3	61	1.1	23.4	+- 0.7; 3.5	19.4	+- 0.7; 4.4	19.2	+- 2.3
4	90	0.8	20.6	+- 0.6; 3.1	16.8	+- 0.7; 4.1	18.2	+- 2.1
5	107	0.6	21.2	+- 0.6; 3.2	17.3	+- 0.7; 4.2	19.1	+- 1.8
6	136	0.8	22.6	+- 0.7; 3.4	18.6	+- 0.7; 4.3	19.3	+- 2.4
7	166	1.0	18.7	+- 0.6; 2.8	15.0	+- 0.6; 3.9	16.3	+- 1.7
8	182	0.9	21.1	+- 0.6; 3.2	17.2	+- 0.7; 4.2	17.3	+- 2.3
9	195	0.6	21.3	+- 0.6; 3.2	17.4	+- 0.7; 4.2	17.1	+- 2.2
10	225	0.7	20.9	+- 0.6; 3.1	17.0	+- 0.7; 4.1	17.7	+- 2.2
11	254	0.4	21.5	+- 0.6; 3.2	17.6	+- 0.7; 4.2	17.4	+- 2.3
12	276	0.6	21.5	+- 0.6; 3.2	17.6	+- 0.7; 4.2	18.6	+- 1.9
13	295	0.6	22.2	+- 0.7; 3.3	18.3	+- 0.7; 4.3	19.4	+- 2.0
14	320	0.9	22.0	+- 0.7; 3.3	18.0	+- 0.7; 4.3	18.1	+- 2.2
15	332	2.1	22.4	+- 0.7; 3.4	18.4	+- 0.7; 4.3	19.0	+- 2.1
16	312	2.7	22.4	+- 0.7; 3.4	18.4	+- 0.7; 4.3	18.0	+- 2.9
17	302	3.1	20.4	+- 0.6; 3.1	16.5	+- 0.7; 4.1	16.3	+- 2.2
18	278	3.8	20.2	+- 0.6; 3.0	16.4	+- 0.7; 4.1	15.3	+- 2.6
19	242	2.8	24.1	+- 0.7; 3.6	20.1	+- 0.8; 4.5	19.8	+- 2.4
20	195	5.4	Missing Dosimeter		No Net Data		18.8	+- 5.5
21	215	3.0	22.9	+- 0.7; 3.4	18.9	+- 0.7; 4.3	18.6	+- 2.3
22	233	7.1	20.3	+- 0.6; 3.0	16.5	+- 0.7; 4.1	15.2	+- 2.6
23	246	9.7	22.4	+- 0.7; 3.4	18.5	+- 0.7; 4.3	18.0	+- 2.2
24	234	7.3	20.5	+- 0.6; 3.1	16.6	+- 0.7; 4.1	16.0	+- 2.5
25	185	7.6	21.2	+- 0.6; 3.2	17.3	+- 0.7; 4.2	18.5	+- 2.6
26	322	7.7	18.7	+- 0.6; 2.8	14.9	+- 0.6; 3.9	17.7	+- 2.5
27	328	10.0	23.0	+- 0.7; 3.5	19.0	+- 0.7; 4.4	18.8	+- 2.1
28	340	7.2	22.1	+- 0.7; 3.3	18.1	+- 0.7; 4.3	18.5	+- 2.0
29	354	9.5	20.8	+- 0.6; 3.1	16.9	+- 0.7; 4.1	17.6	+- 2.2
30	360	5.1	23.3	+- 0.7; 3.5	19.3	+- 0.7; 4.4	18.9	+- 2.2
31	221	6.9	22.4	+- 0.7; 3.4	18.4	+- 0.7; 4.3	18.8	+- 2.0
32	40	4.9	21.1	+- 0.6; 3.2	17.2	+- 0.7; 4.2	18.1	+- 2.3
33	52	8.7	18.4	+- 0.6; 2.8	14.6	+- 0.6; 3.9	15.6	+- 1.9
34	65	8.4	20.9	+- 0.6; 3.1	17.0	+- 0.7; 4.1	17.3	+- 2.3
35	87	6.6	18.6	+- 0.6; 2.8	14.8	+- 0.6; 3.9	16.0	+- 2.1
36	326	5.8	22.5	+- 0.7; 3.4	18.6	+- 0.7; 4.3	18.4	+- 2.5
37	329	22.0	21.9	+- 0.7; 3.3	18.0	+- 0.7; 4.2	17.9	+- 2.1
38	111	3.8	19.6	+- 0.6; 2.9	15.8	+- 0.6; 4.0	17.3	+- 2.4
39	131	5.6	20.4	+- 0.6; 3.1	16.5	+- 0.7; 4.1	17.8	+- 2.3
40	155	6.2	22.9	+- 0.7; 3.4	18.9	+- 0.7; 4.4	18.5	+- 2.4
41	120	9.0	19.4	+- 0.6; 2.9	15.5	+- 0.6; 4.0	17.6	+- 1.7
42	121	11.0	19.4	+- 0.6; 2.9	15.6	+- 0.6; 4.0	15.6	+- 2.0
43	180	1.1	22.7	+- 0.7; 3.4	18.7	+- 0.7; 4.3	19.7	+- 2.4
44	150	28.0	19.5	+- 0.6; 2.9	15.7	+- 0.6; 4.0	15.2	+- 2.3

Transit Dose = 3.1 +- 0.3; 3.0

RIVER BEND

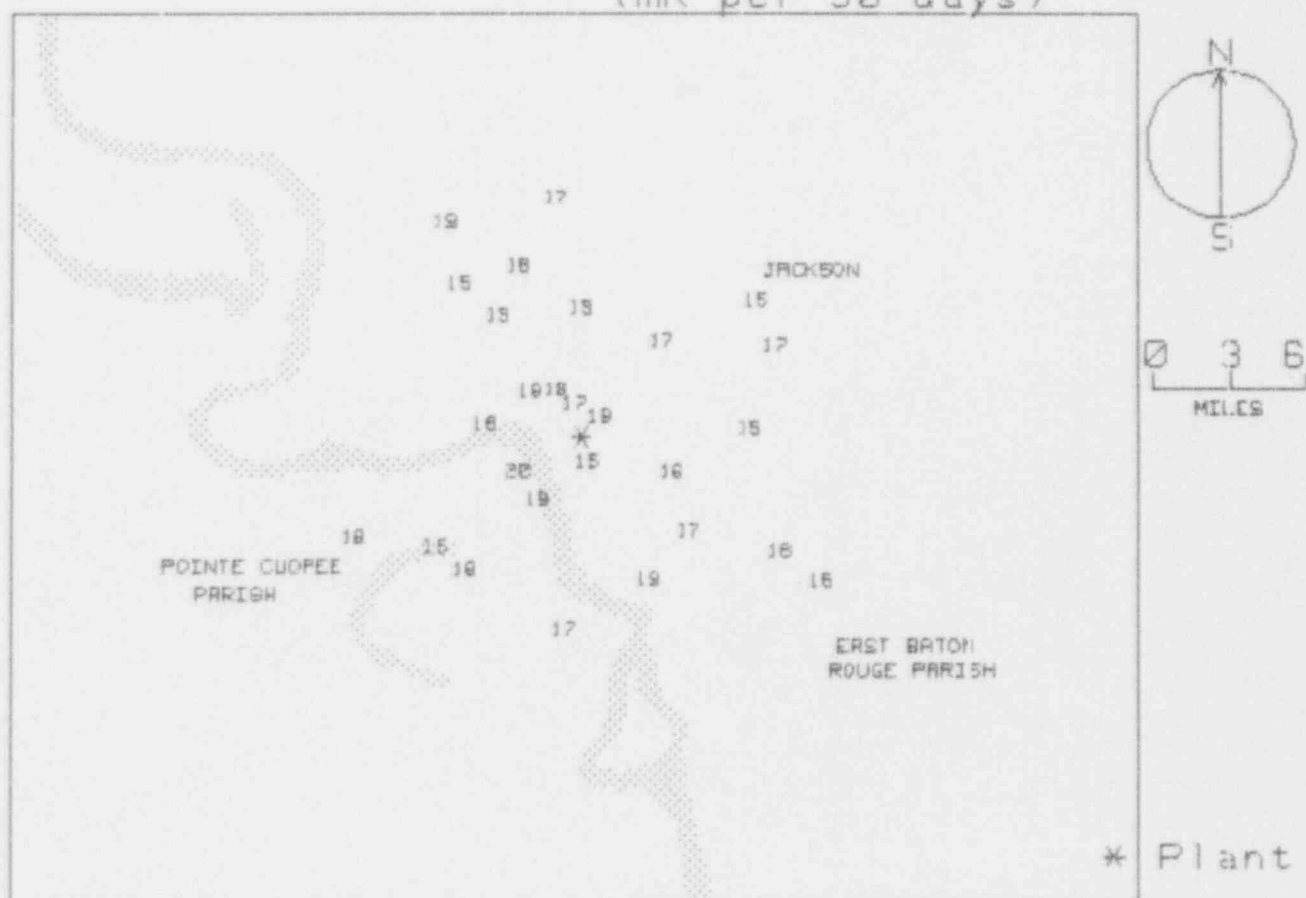
For the period 921206-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	18.1 +- 1.7	2
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	16.6 +- 1.7	3
56.26 - 78.75 ENE	18.2 +- 1.7	2
78.76 - 101.25 E	15.8 +- 1.4	2
101.26 - 123.75 ESE	16.0 +- 0.9	4
123.76 - 146.25 SE	17.6 +- 1.5	2
146.26 - 168.75 SSE	16.9 +- 2.8	2
168.76 - 191.25 S	17.8 +- 0.8	3
191.26 - 213.75 SSW	17.4 +- 0.0	1
213.76 - 236.25 SW	17.5 +- 1.1	5
236.26 - 258.75 WSW	18.7 +- 1.3	3
258.76 - 281.25 W	17.0 +- 0.9	2
281.26 - 303.75 WNW	17.4 +- 1.2	2
303.76 - 326.25 NW	17.5 +- 1.7	4
326.26 - 348.75 NNW	18.2 +- 0.6	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.6 +- 1.0	15
2 - 5	17.7 +- 1.5	8
> 5	17.1 +- 1.5	19
Upwind Control	15.7 +- 0.0	1

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



ROBINSON

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 78 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
=====	=====		=====	=====	=====
1	191	0.2	Damaged Dosimeter	No Net Data	14.6 +- 1.0
2	151	1.9	28.1 +- 0.8; 4.2	22.5 +- 1.1; 6.0	21.5 +- 2.3
3	134	2.0	24.3 +- 0.7; 3.6	18.2 +- 1.0; 5.5	17.8 +- 1.4
4	119	1.9	21.4 +- 0.6; 3.2	14.8 +- 0.9; 5.1	14.4 +- 1.0
5	89	2.1	25.3 +- 0.8; 3.8	19.3 +- 1.0; 5.6	18.0 +- 1.1
6	65	1.0	21.9 +- 0.7; 3.3	15.4 +- 0.9; 5.2	16.3 +- 1.2
7	46	1.8	22.3 +- 0.7; 3.3	15.9 +- 0.9; 5.2	17.3 +- 1.5
8	27	1.9	22.8 +- 0.7; 3.4	16.5 +- 0.9; 5.3	17.0 +- 1.3
9	22	3.5	22.9 +- 0.7; 3.4	16.5 +- 0.9; 5.3	16.6 +- 1.9
10	0	5.0	25.4 +- 0.8; 3.8	19.4 +- 1.0; 5.6	17.9 +- 1.5
11	51	4.8	25.3 +- 0.8; 3.8	19.3 +- 1.0; 5.6	19.3 +- 1.1
12	67	4.1	20.7 +- 0.6; 3.1	14.0 +- 0.9; 5.0	14.7 +- 1.6
13	87	4.5	21.6 +- 0.6; 3.2	15.0 +- 0.9; 5.1	15.3 +- 1.0
14	109	5.0	23.1 +- 0.7; 3.5	16.8 +- 1.0; 5.3	15.8 +- 1.3
15	118	4.8	24.6 +- 0.7; 3.7	18.5 +- 1.0; 5.5	16.3 +- 2.1
16	138	5.3	23.3 +- 0.7; 3.5	17.0 +- 1.0; 5.3	16.8 +- 1.5
17	115	17.1	23.8 +- 0.7; 3.6	17.6 +- 1.0; 5.4	15.1 +- 1.9
18	199	12.6	23.7 +- 0.7; 3.6	17.5 +- 1.0; 5.4	16.4 +- 1.1
19	208	4.8	27.2 +- 0.8; 4.1	21.5 +- 1.1; 5.9	21.6 +- 2.5
20	225	4.0	27.0 +- 0.8; 4.0	21.3 +- 1.1; 5.8	19.6 +- 1.3
21	178	4.6	Damaged Dosimeter	No Net Data	12.8 +- 1.3
22	167	3.7	23.3 +- 0.7; 3.5	17.0 +- 1.0; 5.4	16.1 +- 1.0
23	181	2.3	21.9 +- 0.7; 3.3	15.4 +- 0.9; 5.2	15.6 +- 1.2
24	194	2.0	26.2 +- 0.8; 3.9	20.4 +- 1.0; 5.7	19.1 +- 1.1
25	228	2.1	23.7 +- 0.7; 3.6	17.6 +- 1.0; 5.4	18.0 +- 1.3
26	245	1.5	19.5 +- 0.6; 2.9	12.7 +- 0.9; 4.9	14.3 +- 1.6
27	273	1.8	20.0 +- 0.6; 3.0	13.3 +- 0.9; 4.9	13.8 +- 1.2
28	287	2.0	21.2 +- 0.6; 3.2	14.6 +- 0.9; 5.1	13.3 +- 1.2
29	311	1.6	23.9 +- 0.7; 3.6	17.8 +- 1.0; 5.4	17.4 +- 0.9
30	334	1.9	23.0 +- 0.7; 3.4	16.6 +- 0.9; 5.3	16.4 +- 1.7
31	351	2.1	Missing Dosimeter	No Net Data	15.2 +- 2.1
32	333	4.0	22.5 +- 0.7; 3.4	16.1 +- 0.9; 5.3	16.5 +- 1.2
33	318	4.7	25.0 +- 0.7; 3.7	19.0 +- 1.0; 5.6	17.8 +- 1.3
34	310	6.9	Missing Dosimeter	No Net Data	15.6 +- 2.1
35	295	4.0	Missing Dosimeter	No Net Data	20.6 +- 1.5
36	269	4.8	25.0 +- 0.7; 3.7	19.0 +- 1.0; 5.6	18.5 +- 1.8
37	252	4.6	23.9 +- 0.7; 3.6	17.8 +- 1.0; 5.4	17.3 +- 1.5
38	274	10.7	27.4 +- 0.8; 4.1	21.7 +- 1.1; 5.9	18.4 +- 3.1
39	286	15.3	22.7 +- 0.7; 3.4	16.4 +- 0.9; 5.3	15.0 +- 1.2
40	289	16.5	21.5 +- 0.6; 3.2	15.0 +- 0.9; 5.1	14.2 +- 1.1
41	291	17.5	22.7 +- 0.7; 3.4	16.4 +- 0.9; 5.3	15.4 +- 1.3

Transit Dose = 8.5 +- 0.4; 3.1

ROBINSON

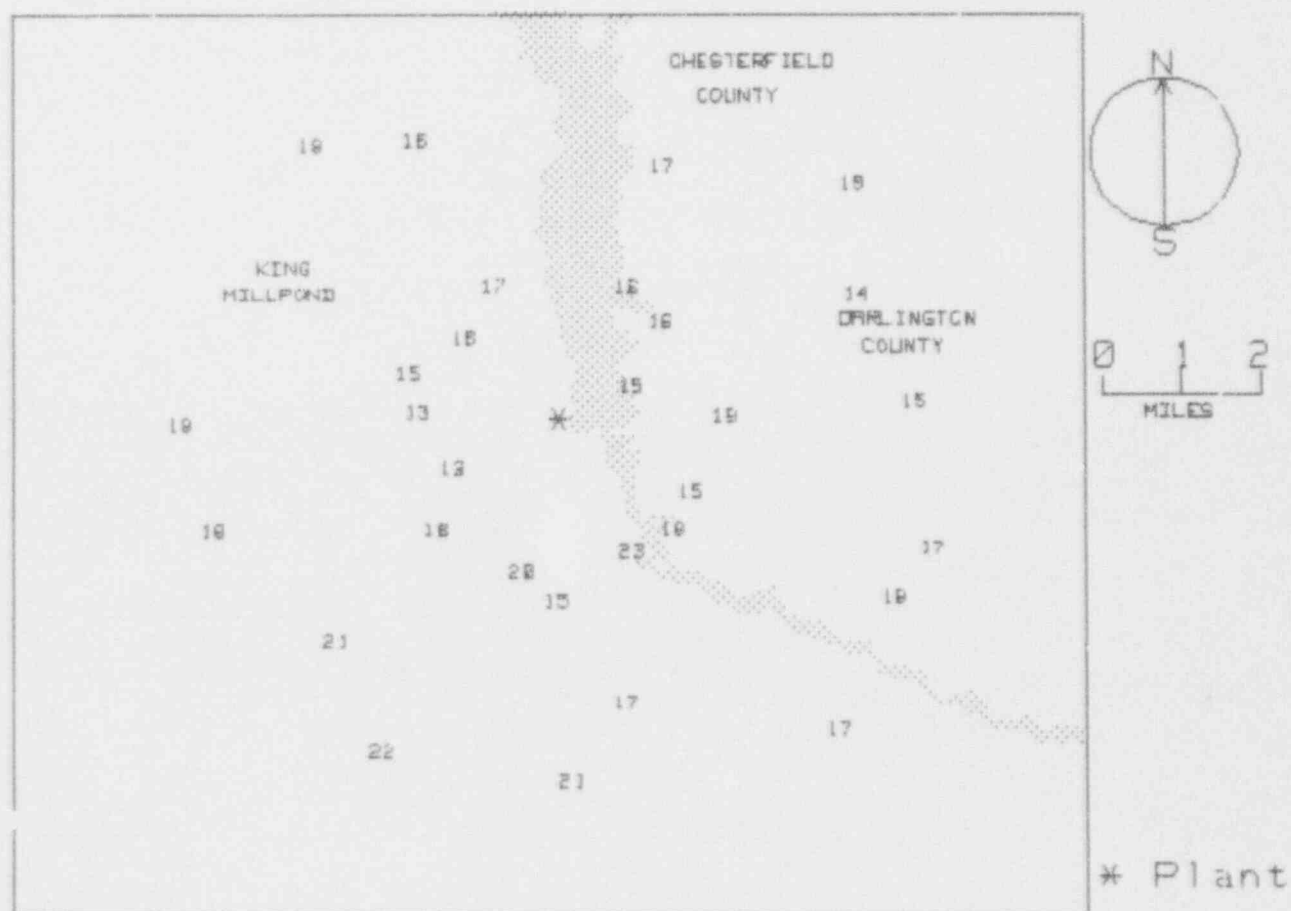
For the period 921208-930420

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	16.5 +- 0.1	2
33.76 - 56.25 NE	17.6 +- 2.4	2
56.26 - 78.75 ENE	14.7 +- 1.0	2
78.76 - 101.25 E	17.2 +- 3.0	2
101.26 - 123.75 ESE	16.9 +- 1.6	4
123.76 - 146.25 SE	17.6 +- 0.8	2
146.26 - 168.75 SSE	19.8 +- 3.9	2
168.76 - 191.25 S	15.4 +- 0.0	1
191.26 - 213.75 SSW	19.8 +- 2.1	3
213.76 - 236.25 SW	19.4 +- 2.6	2
236.26 - 258.75 WSW	15.2 +- 3.6	2
258.76 - 281.25 W	18.0 +- 4.3	3
281.26 - 303.75 WNW	14.6 +- 0.0	1
303.76 - 326.25 NW	18.4 +- 0.9	2
326.26 - 348.75 NNW	16.4 +- 0.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.6 +- 2.8	12
2 - 5	17.9 +- 2.1	17
> 5	18.5 +- 2.2	4
Upwind Control	15.9 +- 0.8	3

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



SALEM (DE)

TLD Direct Radiation Environmental Monitoring

For the period 921209-930421 134 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
====	=====	=====	=====	=====	=====
17	331	4.2	20.6 +- 0.6; 3.1	16.7 +- 0.7; 4.2	17.3 +- 2.4
18	320	3.8	17.7 +- 0.5; 2.7	13.9 +- 0.6; 3.9	14.3 +- 1.4
19	299	3.4	19.1 +- 0.6; 2.9	15.3 +- 0.6; 4.0	16.3 +- 1.7
20	330	9.5	22.9 +- 0.7; 3.4	19.0 +- 0.7; 4.4	19.7 +- 1.6
21	276	3.6	22.0 +- 0.7; 3.3	18.1 +- 0.7; 4.3	18.3 +- 1.7
22	266	4.7	21.2 +- 0.6; 3.2	17.3 +- 0.7; 4.2	17.9 +- 1.2
23	257	4.4	21.0 +- 0.6; 3.1	17.0 +- 0.7; 4.2	17.6 +- 1.5
24	240	4.4	21.5 +- 0.6; 3.2	17.6 +- 0.7; 4.3	18.2 +- 1.4
25	217	4.9	21.4 +- 0.6; 3.2	17.5 +- 0.7; 4.3	18.0 +- 1.7
26	204	3.9	19.5 +- 0.6; 2.9	15.6 +- 0.7; 4.1	16.6 +- 1.5
27	188	4.2	22.7 +- 0.7; 3.4	18.8 +- 0.7; 4.4	19.4 +- 2.7
28	319	18.1	23.1 +- 0.7; 3.5	19.1 +- 0.8; 4.5	19.7 +- 2.1
29	265	6.7	20.0 +- 0.6; 3.0	16.1 +- 0.7; 4.1	15.0 +- 1.4
30	340	12.2	18.4 +- 0.6; 2.8	14.5 +- 0.6; 4.0	14.8 +- 2.0
31	0	18.2	22.3 +- 0.7; 3.3	18.3 +- 0.7; 4.4	17.3 +- 1.4
32	338	8.1	19.2 +- 0.6; 2.9	15.3 +- 0.7; 4.0	15.5 +- 1.5
33	265	9.8	21.4 +- 0.6; 3.2	17.4 +- 0.7; 4.3	17.8 +- 1.4
34	207	11.6	20.3 +- 0.6; 3.0	16.4 +- 0.7; 4.2	17.1 +- 1.6

Transit Dose = 3.5 +- 0.3; 3.0

SALEM (DE)

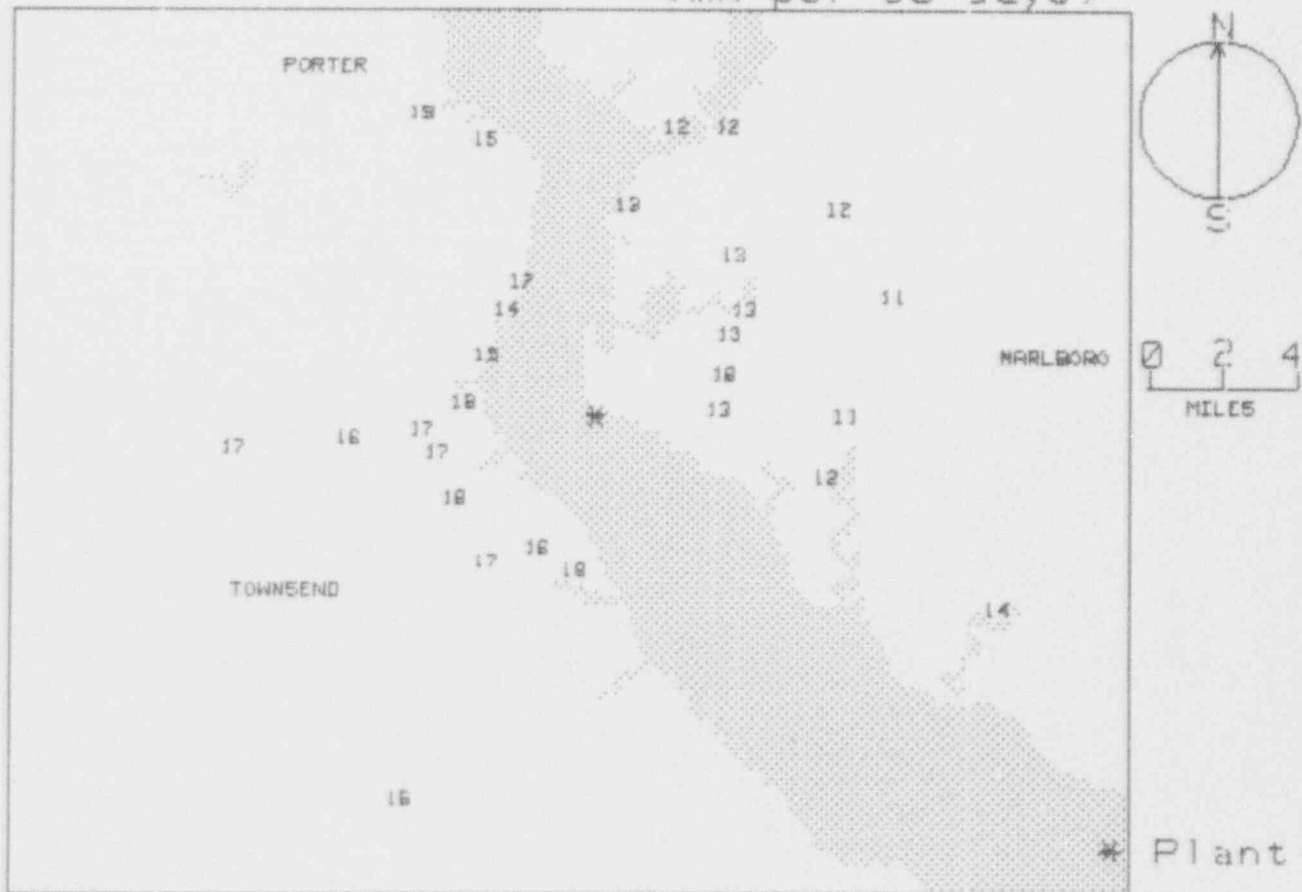
For the period 921209-930421

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	18.8 +- 0.0	1
191.26 - 213.75 SSW	16.0 +- 0.6	2
213.76 - 236.25 SW	17.5 +- 0.0	1
236.26 - 258.75 WSW	17.3 +- 0.4	2
258.76 - 281.25 W	17.2 +- 0.8	4
281.26 - 303.75 WNW	15.3 +- 0.0	1
303.76 - 326.25 NW	13.9 +- 0.0	1
326.26 - 348.75 NNW	17.0 +- 1.8	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	16.8 +- 1.5	10
> 5	16.9 +- 1.4	5
Upwind Control	17.3 +- 2.5	3

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



SALEM (NJ)

TLD Direct Radiation Environmental Monitoring

For the period 921209-930421 134 Days

Field Time: 92 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	87 3.3	16.3 +- 0.5; 2.5	12.8 +- 0.6; 3.7	14.3 +- 1.0
2	79 3.4	16.9 +- 0.5; 2.5	13.4 +- 0.6; 3.8	14.2 +- 1.1
3	72 3.6	22.0 +- 0.7; 3.3	18.4 +- 0.7; 4.3	16.9 +- 2.4
4	58 4.2	16.9 +- 0.5; 2.5	13.4 +- 0.6; 3.8	15.6 +- 1.7
5	54 4.9	16.1 +- 0.5; 2.4	12.6 +- 0.6; 3.7	13.6 +- 1.7
6	68 8.6	14.7 +- 0.4; 2.2	11.2 +- 0.5; 3.6	12.3 +- 1.5
7	40 5.7	17.0 +- 0.5; 2.5	13.4 +- 0.6; 3.8	13.9 +- 1.2
8	116 12.0	17.3 +- 0.5; 2.6	13.8 +- 0.6; 3.8	13.9 +- 1.3
10	8 5.8	17.0 +- 0.5; 2.5	13.4 +- 0.6; 3.8	14.2 +- 1.6
11	15 8.1	15.6 +- 0.5; 2.3	12.1 +- 0.6; 3.7	13.3 +- 1.2
12	24 8.6	15.8 +- 0.5; 2.4	12.3 +- 0.6; 3.7	13.4 +- 1.2
13	49 8.6	15.8 +- 0.5; 2.4	12.3 +- 0.6; 3.7	12.9 +- 1.4
14	90 6.7	14.5 +- 0.4; 2.2	11.0 +- 0.5; 3.6	12.6 +- 1.2
15	105 6.4	15.1 +- 0.5; 2.3	11.6 +- 0.5; 3.6	12.5 +- 1.6

Transit Dose = 3.2 +- 0.3; 2.9

SALEM (NJ)

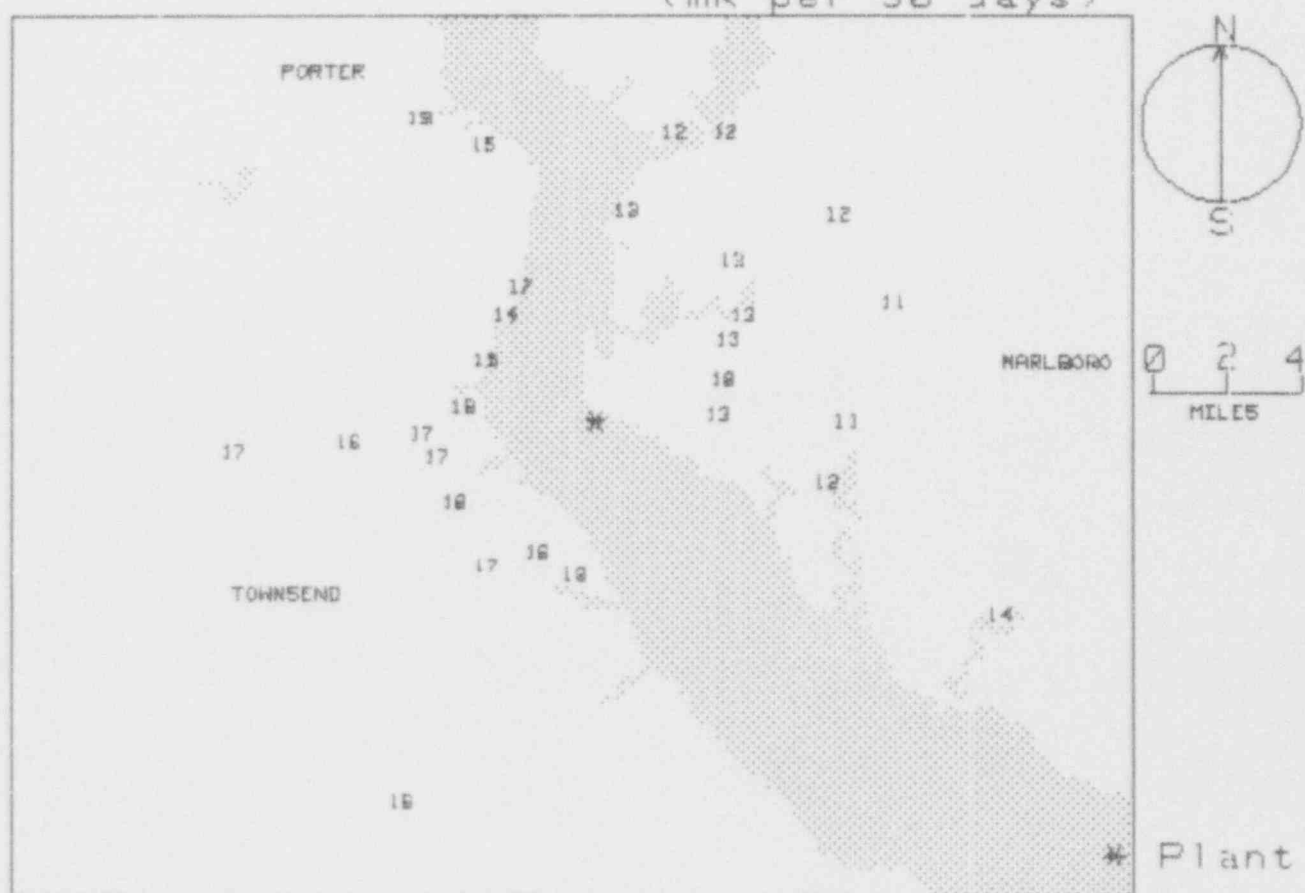
For the period 921209-930421

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	12.2 +- 0.2	2
33.76 - 56.25 NE	12.8 +- 0.6	3
56.26 - 78.75 ENE	14.4 +- 3.7	3
78.76 - 101.25 E	12.4 +- 1.2	3
101.26 - 123.75 ESE	12.7 +- 1.6	2
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	14.1 +- 2.4	5
> 5	12.4 +- 1.0	9
Upwind Control	No Data +- No Data	0

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



SAN ONOFRE

TLD Direct Radiation Environmental Monitoring

For the period 921206-930421 137 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	346 35.0	31.2 +- 0.9; 4.7	23.5 +- 1.0; 5.7	25.0 +- 4.5
2	346 35.0	29.7 +- 0.9; 4.5	22.0 +- 1.0; 5.5	24.6 +- 3.9
3	346 35.0	28.6 +- 0.9; 4.3	21.0 +- 1.0; 5.3	24.8 +- 4.1
4	327 11.0	Missing Dosimeter	No Net Data	18.1 +- 3.8
5	308 14.0	25.8 +- 0.8; 3.9	18.2 +- 0.9; 5.0	21.0 +- 4.0
6	307 10.0	24.6 +- 0.7; 3.7	17.0 +- 0.9; 4.9	18.4 +- 3.9
7	318 6.3	24.0 +- 0.7; 3.6	16.4 +- 0.8; 4.8	19.4 +- 4.2
8	322 5.1	26.1 +- 0.8; 3.9	18.5 +- 0.9; 5.1	20.9 +- 3.9
9	311 3.3	23.6 +- 0.7; 3.5	16.0 +- 0.8; 4.8	19.1 +- 5.1
10	331 3.3	25.7 +- 0.8; 3.8	18.0 +- 0.9; 5.0	21.6 +- 5.6
11	300 2.6	24.6 +- 0.7; 3.7	17.1 +- 0.9; 4.9	20.6 +- 4.4
12	285 0.5	23.2 +- 0.7; 3.5	15.6 +- 0.8; 4.7	21.4 +- 3.9
13	320 2.4	25.5 +- 0.8; 3.8	17.9 +- 0.9; 5.0	19.3 +- 3.8
14	320 1.7	24.7 +- 0.7; 3.7	17.1 +- 0.9; 4.9	19.4 +- 4.0
15	333 1.2	25.3 +- 0.8; 3.8	17.7 +- 0.9; 5.0	20.1 +- 5.0
16	30 1.9	27.2 +- 0.8; 4.1	19.5 +- 0.9; 5.2	22.2 +- 4.9
17	8 1.3	22.3 +- 0.7; 3.3	14.8 +- 0.8; 4.6	17.1 +- 3.8
18	39 2.0	27.9 +- 0.8; 4.2	20.3 +- 0.9; 5.3	23.5 +- 4.4
19	55 2.9	23.8 +- 0.7; 3.6	16.2 +- 0.8; 4.8	20.0 +- 4.8
20	77 4.1	26.3 +- 0.8; 4.0	18.7 +- 0.9; 5.1	22.1 +- 5.5
21	87 4.7	27.6 +- 0.8; 4.1	20.0 +- 0.9; 5.2	21.8 +- 5.1
22	25 3.4	27.4 +- 0.8; 4.1	19.8 +- 0.9; 5.2	23.5 +- 3.8
23	357 3.5	26.4 +- 0.8; 4.0	18.8 +- 0.9; 5.1	22.2 +- 4.4
24	25 0.4	24.8 +- 0.7; 3.7	17.2 +- 0.9; 4.9	19.6 +- 4.1
25	81 0.4	23.9 +- 0.7; 3.6	16.3 +- 0.8; 4.8	18.8 +- 4.3
26	126 2.1	21.4 +- 0.6; 3.2	13.8 +- 0.8; 4.5	17.2 +- 5.2
27	130 8.6	22.0 +- 0.7; 3.3	14.4 +- 0.8; 4.6	17.4 +- 5.0
28	99 8.9	21.1 +- 0.6; 3.2	13.5 +- 0.8; 4.5	17.7 +- 4.7
29	135 11.0	Missing Dosimeter	No Net Data	17.6 +- 4.3
30	126 2.0	18.5 +- 0.6; 2.8	11.0 +- 0.7; 4.3	14.2 +- 4.2
31	128 3.7	21.7 +- 0.7; 3.3	14.1 +- 0.8; 4.6	15.5 +- 3.5
32	140 22.0	25.3 +- 0.8; 3.8	17.7 +- 0.9; 5.0	20.0 +- 3.8
33	120 26.0	21.7 +- 0.7; 3.3	14.2 +- 0.8; 4.6	16.6 +- 4.0

Transit Dose = 7.4 +- 0.4; 3.3

SAN ONOFRE

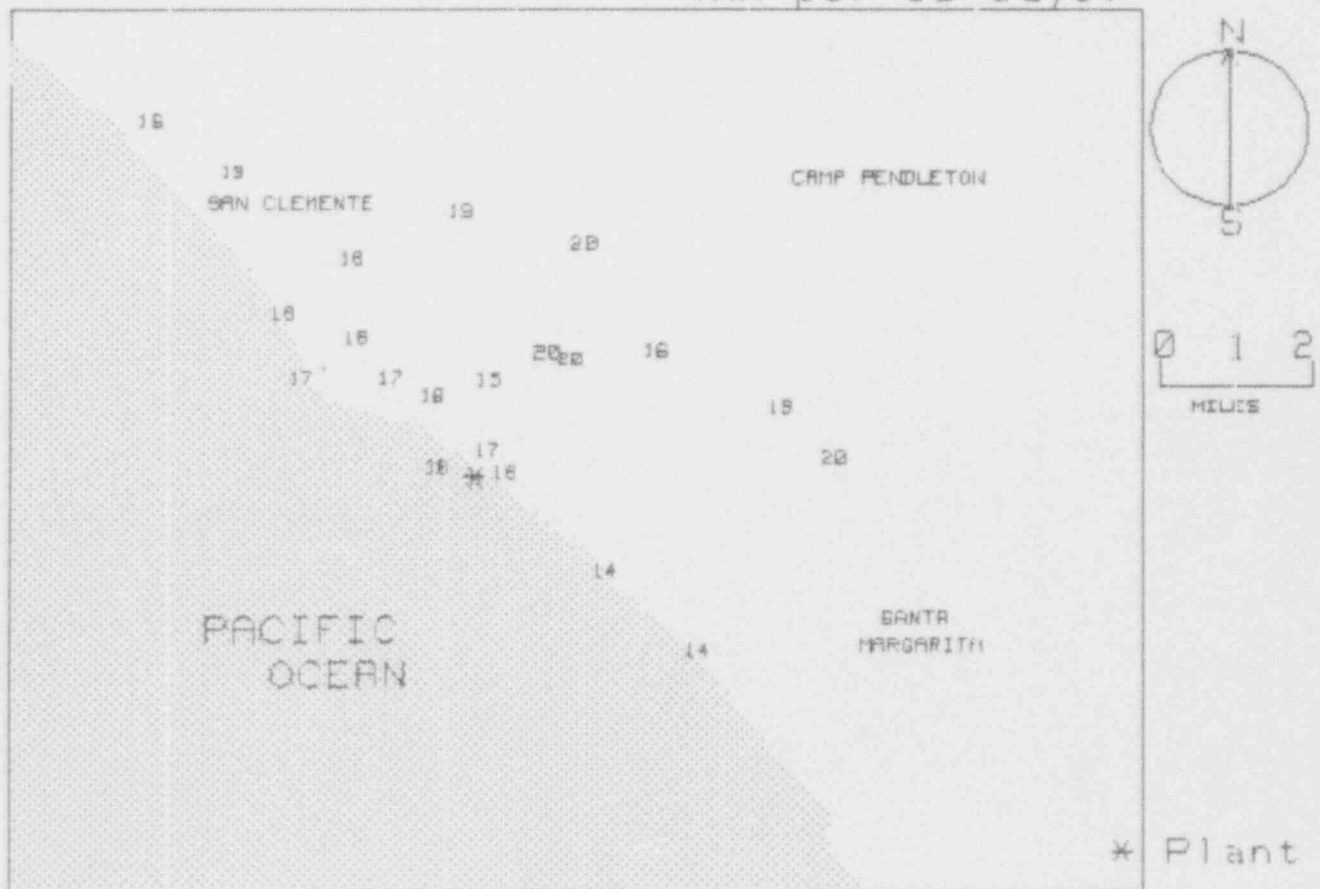
For the period 921206-930421

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 +- 2.8	2
11.26 - 33.75 NNE	18.8 +- 1.4	3
33.76 - 56.25 NE	18.2 +- 2.9	2
56.26 - 78.75 ENE	18.7 +- 0.0	1
78.76 - 101.25 E	16.6 +- 3.2	3
101.26 - 123.75 ESE	14.2 +- 0.0	1
123.76 - 146.25 SE	14.2 +- 2.4	5
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	16.3 +- 1.0	2
303.76 - 326.25 NW	17.3 +- 0.9	7
326.26 - 348.75 NNW	17.8 +- 0.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.6 +- 2.7	9
2 - 5	17.3 +- 2.1	11
> 5	16.2 +- 2.0	8
Upwind Control	22.2 +- 1.3	3

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



SEABROOK

TLD Direct Radiation Environmental Monitoring

For the period 921208-930415 129 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	154 0.6	18.3 +- 0.5; 2.7	13.7 +- 0.7; 4.3	17.5 +- 2.6
2	178 0.7	17.8 +- 0.5; 2.7	13.1 +- 0.7; 4.2	16.9 +- 2.4
3	207 0.7	17.5 +- 0.5; 2.6	12.8 +- 0.7; 4.2	16.2 +- 2.7
4	224 0.9	18.7 +- 0.6; 2.8	14.1 +- 0.7; 4.3	17.8 +- 2.9
5	243 1.2	17.7 +- 0.5; 2.7	13.0 +- 0.7; 4.2	16.2 +- 2.8
6	294 1.0	18.6 +- 0.6; 2.8	14.0 +- 0.7; 4.3	17.1 +- 2.5
7	267 0.7	17.6 +- 0.5; 2.6	12.9 +- 0.7; 4.2	16.7 +- 2.5
8	320 1.1	17.7 +- 0.5; 2.7	13.0 +- 0.7; 4.2	17.7 +- 2.8
9	329 1.6	19.1 +- 0.6; 2.9	14.5 +- 0.7; 4.3	19.1 +- 2.9
10	357 1.9	17.5 +- 0.5; 2.6	12.8 +- 0.7; 4.2	16.8 +- 2.6
11	18 2.5	18.3 +- 0.5; 2.7	13.6 +- 0.7; 4.2	17.4 +- 2.6
12	46 1.9	19.5 +- 0.6; 2.9	14.9 +- 0.7; 4.4	16.3 +- 3.7
13	83 1.7	18.8 +- 0.6; 2.8	14.2 +- 0.7; 4.3	17.1 +- 2.6
14	43 4.1	21.2 +- 0.6; 3.2	16.7 +- 0.8; 4.6	17.6 +- 2.6
15	358 4.2	18.6 +- 0.6; 2.8	13.9 +- 0.7; 4.3	17.8 +- 2.7
16	18 11.8	18.6 +- 0.6; 2.8	13.9 +- 0.7; 4.3	18.0 +- 2.6
17	321 7.4	19.8 +- 0.6; 3.0	15.3 +- 0.7; 4.4	18.9 +- 3.1
18	291 3.9	18.5 +- 0.6; 2.8	13.8 +- 0.7; 4.3	17.8 +- 2.4
19	267 3.7	18.4 +- 0.6; 2.8	13.7 +- 0.7; 4.3	17.4 +- 3.6
20	251 4.2	18.3 +- 0.5; 2.7	13.6 +- 0.7; 4.2	18.9 +- 2.8
21	228 4.7	16.8 +- 0.5; 2.5	12.1 +- 0.7; 4.1	17.1 +- 2.8
22	209 6.2	20.2 +- 0.6; 3.0	15.6 +- 0.8; 4.5	19.5 +- 2.7
23	187 6.5	21.4 +- 0.6; 3.2	17.0 +- 0.8; 4.6	19.2 +- 2.9
24	163 7.1	17.8 +- 0.5; 2.7	13.1 +- 0.7; 4.2	15.6 +- 2.5
25	174 4.0	16.6 +- 0.5; 2.5	11.8 +- 0.7; 4.1	16.3 +- 3.0
26	157 4.0	18.5 +- 0.6; 2.8	13.8 +- 0.7; 4.3	16.4 +- 2.6
27	136 2.4	18.4 +- 0.6; 2.8	13.8 +- 0.7; 4.3	17.2 +- 2.8
28	118 1.6	18.5 +- 0.6; 2.8	13.8 +- 0.7; 4.3	16.1 +- 2.4
30	67 2.1	20.2 +- 0.6; 3.0	15.6 +- 0.8; 4.5	18.1 +- 2.6
31	335 5.5	18.2 +- 0.5; 2.7	13.6 +- 0.7; 4.2	17.9 +- 2.4
32	318 3.2	18.8 +- 0.6; 2.8	14.2 +- 0.7; 4.3	18.6 +- 2.9
33	230 19.3	17.6 +- 0.5; 2.6	12.9 +- 0.7; 4.2	17.5 +- 3.5
34	230 19.3	18.4 +- 0.6; 2.8	13.7 +- 0.7; 4.3	17.8 +- 3.0
35	230 19.3	19.9 +- 0.6; 3.0	15.3 +- 0.7; 4.4	19.4 +- 3.8

Transit Dose = 5.4 +- 0.4; 2.9

SEABROOK

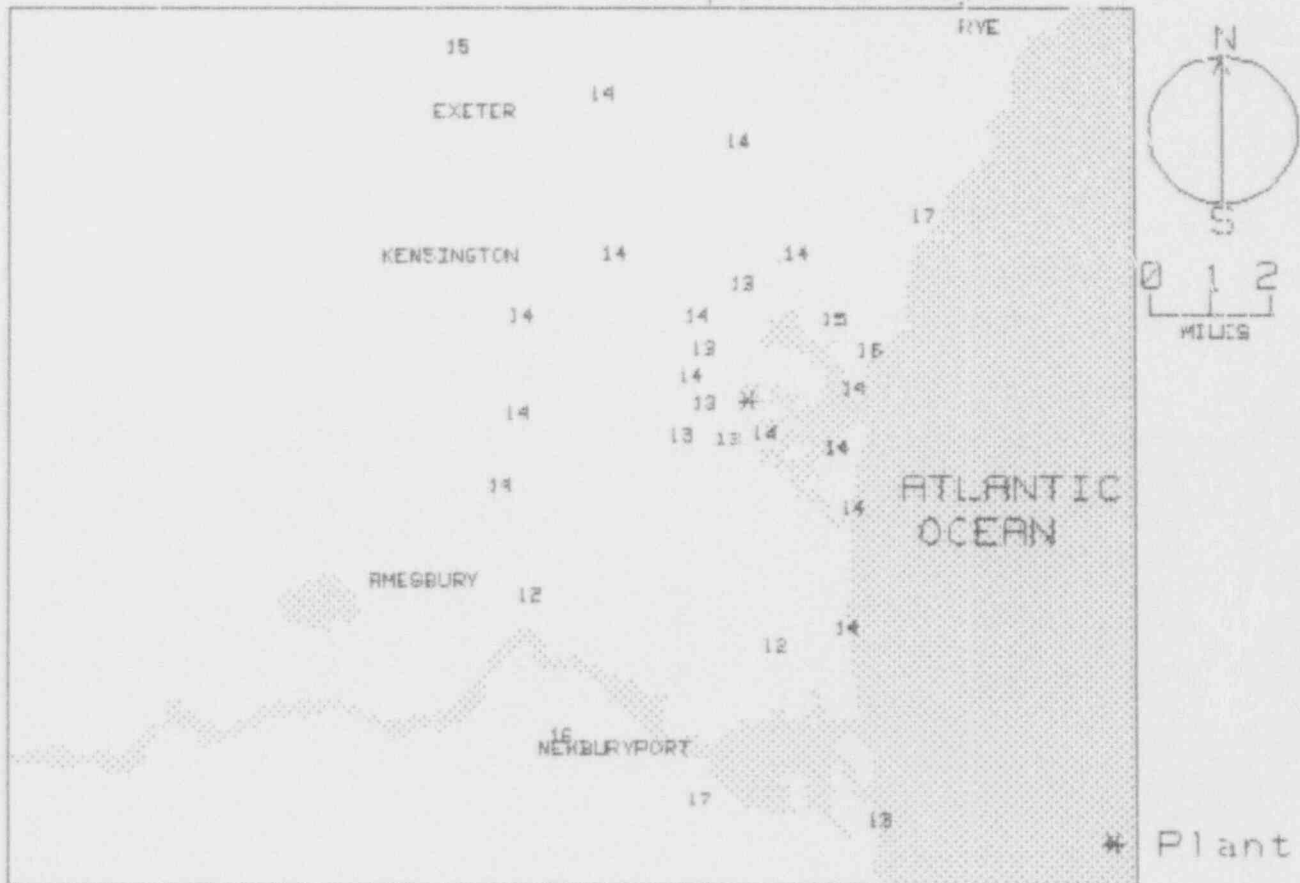
For the period 921208-930415

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 +- 0.8	2
11.26 - 33.75 NNE	13.8 +- 0.2	2
33.76 - 56.25 NE	15.8 +- 1.3	2
56.26 - 78.75 ENE	15.6 +- 0.0	1
78.76 - 101.25 E	14.2 +- 0.0	1
101.26 - 123.75 ESE	13.8 +- 0.0	1
123.76 - 146.25 SE	13.8 +- 0.0	1
146.26 - 168.75 SSE	13.5 +- 0.4	3
168.76 - 191.25 S	13.9 +- 2.7	3
191.26 - 213.75 SSW	14.2 +- 2.0	2
213.76 - 236.25 SW	13.8 +- 1.7	3
236.26 - 258.75 WSW	13.3 +- 0.4	2
258.76 - 281.25 W	13.3 +- 0.6	2
281.26 - 303.75 WNW	13.9 +- 0.1	2
303.76 - 326.25 NW	14.1 +- 1.6	2
326.26 - 348.75 NNW	14.0 +- 0.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.6 +- 0.7	13
2 - 5	13.9 +- 1.4	11
> 5	14.8 +- 1.4	7
Upwind Control	13.6 +- 0.6	3

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



SEQUOYAH

TLD Direct Radiation Environmental Monitoring

For the period 921208-930415 129 Days

Field Time: 87 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev
1	218	12.0	18.3 +- 0.5; 2.7		16.0 +- 0.6; 4.0		16.9 +- 1.4
2	206	13.0	17.1 +- 0.5; 2.6		14.8 +- 0.6; 3.9		14.2 +- 1.2
3	203	3.9	21.8 +- 0.7; 3.3		19.6 +- 0.7; 4.4		20.0 +- 1.4
4	199	2.0	Missing Dosimeter		No Net Data		16.4 +- 1.3
5	181	1.4	23.3 +- 0.7; 3.5		21.2 +- 0.8; 4.6		21.0 +- 1.5
6	153	1.5	17.3 +- 0.5; 2.6		15.0 +- 0.6; 3.9		15.4 +- 1.1
7	139	1.9	17.3 +- 0.5; 2.6		14.9 +- 0.6; 3.9		14.6 +- 1.1
8	115	1.8	18.8 +- 0.6; 2.8		16.6 +- 0.7; 4.1		16.0 +- 1.9
9	84	1.6	16.4 +- 0.5; 2.5		14.0 +- 0.6; 3.8		13.7 +- 1.4
10	66	1.3	Missing Dosimeter		No Net Data		15.7 +- 1.2
11	45	1.5	18.3 +- 0.5; 2.7		15.9 +- 0.6; 4.0		16.6 +- 1.3
12	14	2.0	21.3 +- 0.6; 3.2		19.1 +- 0.7; 4.4		18.6 +- 1.2
13	2	2.1	Damaged Dosimeter		No Net Data		18.7 +- 1.4
14	19	3.9	18.6 +- 0.6; 2.8		16.3 +- 0.7; 4.1		15.8 +- 1.2
15	48	4.0	16.6 +- 0.5; 2.5		14.3 +- 0.6; 3.8		13.7 +- 1.2
16	65	4.9	17.5 +- 0.5; 2.6		15.1 +- 0.6; 3.9		15.7 +- 1.1
17	90	3.9	19.1 +- 0.6; 2.9		16.8 +- 0.7; 4.1		17.5 +- 1.5
18	111	3.4	17.7 +- 0.5; 2.7		15.4 +- 0.6; 4.0		16.3 +- 1.5
19	135	3.4	17.6 +- 0.5; 2.6		15.3 +- 0.6; 3.9		15.9 +- 1.1
20	158	3.4	15.6 +- 0.5; 2.3		13.2 +- 0.6; 3.7		14.2 +- 2.0
21	184	4.6	19.8 +- 0.6; 3.0		17.6 +- 0.7; 4.2		18.6 +- 2.4
22	233	11.0	17.5 +- 0.5; 2.6		15.2 +- 0.6; 3.9		14.2 +- 1.5
23	219	4.9	20.5 +- 0.6; 3.1		18.3 +- 0.7; 4.3		17.6 +- 1.6
24	241	4.3	18.1 +- 0.5; 2.7		15.8 +- 0.6; 4.0		15.6 +- 1.3
25	235	2.0	16.4 +- 0.5; 2.5		14.0 +- 0.6; 3.8		13.2 +- 1.1
26	248	1.5	17.4 +- 0.5; 2.6		15.1 +- 0.6; 3.9		15.5 +- 2.0
27	266	1.2	17.0 +- 0.5; 2.5		14.6 +- 0.6; 3.9		14.6 +- 1.0
28	291	1.2	18.4 +- 0.6; 2.8		16.1 +- 0.6; 4.0		15.7 +- 1.5
29	309	1.2	18.6 +- 0.6; 2.8		16.3 +- 0.7; 4.1		15.9 +- 1.4
30	330	0.5	18.2 +- 0.5; 2.7		15.9 +- 0.6; 4.0		16.7 +- 1.4
31	339	1.8	18.7 +- 0.6; 2.8		16.4 +- 0.7; 4.1		16.9 +- 1.2
32	355	4.9	17.5 +- 0.5; 2.6		15.2 +- 0.6; 3.9		14.7 +- 1.2
33	334	3.6	17.7 +- 0.5; 2.6		15.3 +- 0.6; 4.0		14.5 +- 1.5
34	317	4.4	18.2 +- 0.5; 2.7		15.9 +- 0.6; 4.0		15.2 +- 1.7
35	277	5.6	18.2 +- 0.5; 2.7		15.9 +- 0.6; 4.0		16.3 +- 1.2
36	283	3.6	16.3 +- 0.5; 2.4		13.9 +- 0.6; 3.8		14.3 +- 1.1
37	273	4.4	17.7 +- 0.5; 2.6		15.3 +- 0.6; 4.0		15.1 +- 1.4
38	302	19.0	17.8 +- 0.5; 2.7		15.5 +- 0.6; 4.0		15.2 +- 1.3
39	290	18.0	18.7 +- 0.6; 2.8		16.5 +- 0.7; 4.1		16.3 +- 1.1
40	289	18.0	16.5 +- 0.5; 2.5		14.1 +- 0.6; 3.8		15.0 +- 1.1
41	318	6.1	18.7 +- 0.6; 2.8		16.4 +- 0.7; 4.1		15.7 +- 1.1

Transit Dose = 2.8 +- 0.3; 2.8

SEQUOYAH

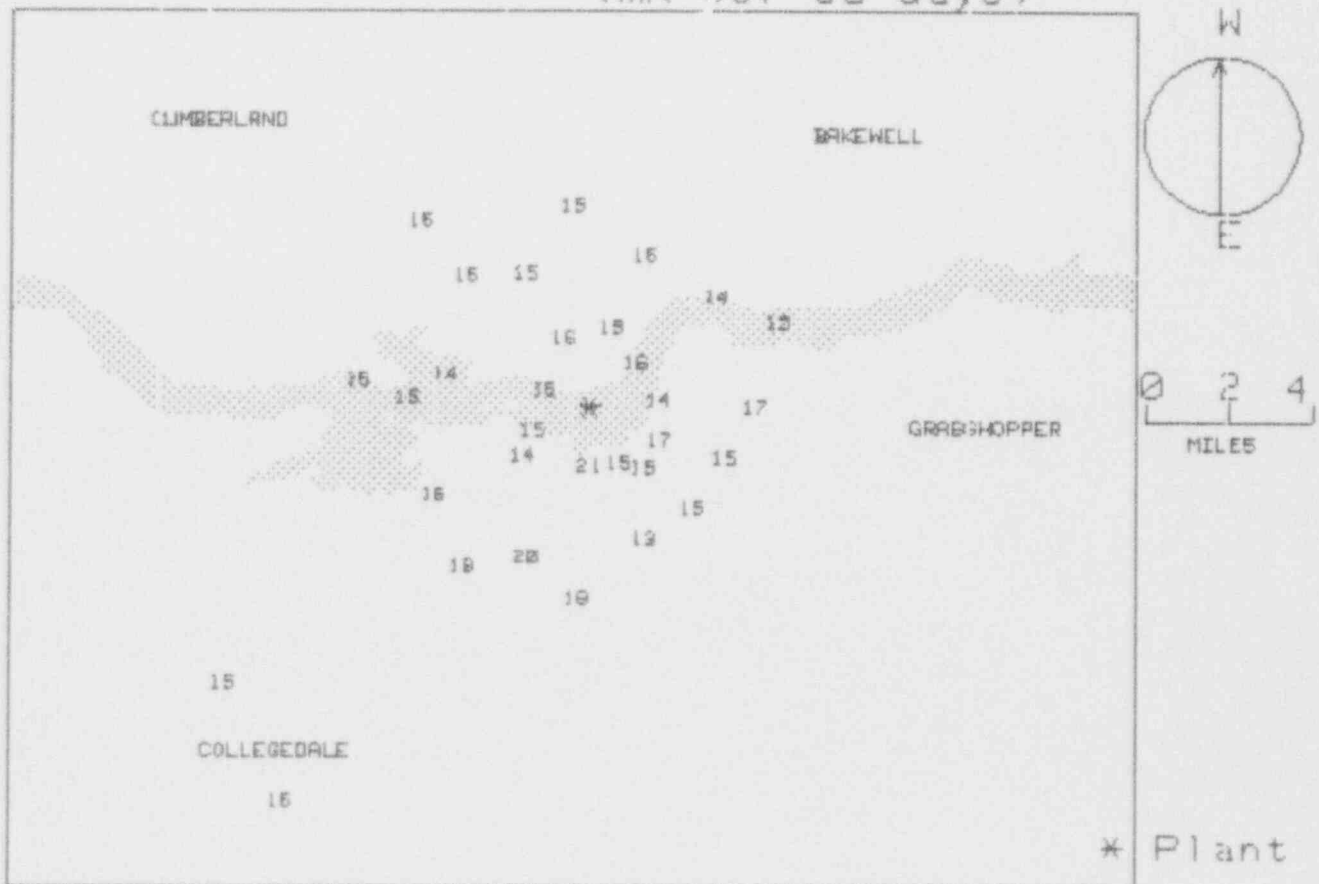
For the period 921208-930415

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	17.7 +- 2.0	2
33.76 - 56.25 NE	15.1 +- 1.2	2
56.26 - 78.75 ENE	15.1 +- 0.0	1
78.76 - 101.25 E	15.4 +- 2.0	2
101.26 - 123.75 ESE	16.0 +- 0.8	2
123.76 - 146.25 SE	15.1 +- 0.3	2
146.26 - 168.75 SSE	14.1 +- 1.3	2
168.76 - 191.25 S	19.4 +- 2.5	2
191.26 - 213.75 SSW	17.2 +- 3.4	2
213.76 - 236.25 SW	15.9 +- 1.8	4
236.26 - 258.75 WSW	15.4 +- 0.5	2
258.76 - 281.25 W	15.3 +- 0.7	3
281.26 - 303.75 WNW	15.0 +- 1.5	2
303.76 - 326.25 NW	16.2 +- 0.2	3
326.26 - 348.75 NNW	15.9 +- 0.5	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	16.1 +- 2.0	14
2 - 5	15.8 +- 1.6	16
> 5	15.7 +- 0.7	5
Upwind Control	15.4 +- 1.2	3

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



SHOREHAM

TLD Direct Radiation Environmental Monitoring

For the period 921208-930422 136 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	262	10.0	17.9 +- 0.5; 2.7	13.7 +- 0.7; 4.2	13.6 +- 1.7
2	268	4.4	18.5 +- 0.6; 2.8	14.2 +- 0.7; 4.2	14.6 +- 1.6
3	256	3.2	Missing Dosimeter	No Net Data	13.9 +- 1.6
4	268	2.1	18.2 +- 0.5; 2.7	14.0 +- 0.7; 4.2	15.0 +- 1.1
5	243	1.7	18.7 +- 0.6; 2.8	14.5 +- 0.7; 4.3	14.7 +- 1.3
7	136	1.5	18.1 +- 0.5; 2.7	13.9 +- 0.7; 4.2	15.5 +- 3.2
8	116	0.9	21.3 +- 0.6; 3.2	17.3 +- 0.8; 4.6	17.2 +- 1.4
9	91	0.8	19.2 +- 0.6; 2.9	15.0 +- 0.7; 4.3	13.9 +- 1.5
10	73	0.7	Missing Dosimeter	No Net Data	13.3 +- 1.2
11	62	0.7	Missing Dosimeter	No Net Data	12.7 +- 1.5
12	75	1.6	18.7 +- 0.6; 2.8	14.5 +- 0.7; 4.3	13.8 +- 1.4
13	88	2.1	18.6 +- 0.6; 2.8	14.4 +- 0.7; 4.3	14.5 +- 1.6
14	119	4.6	17.2 +- 0.5; 2.6	12.9 +- 0.7; 4.1	13.4 +- 1.5
15	110	10.0	17.5 +- 0.5; 2.6	13.2 +- 0.7; 4.1	14.6 +- 1.8
16	138	14.0	17.2 +- 0.5; 2.6	12.9 +- 0.7; 4.1	13.6 +- 1.6
17	162	12.0	17.2 +- 0.5; 2.6	12.9 +- 0.7; 4.1	13.9 +- 2.5
18	174	11.0	18.0 +- 0.5; 2.7	13.8 +- 0.7; 4.2	13.9 +- 1.8
19	189	5.1	18.5 +- 0.6; 2.8	14.3 +- 0.7; 4.2	13.7 +- 1.4
21	163	2.5	Damaged Dosimeter	No Net Data	13.6 +- 1.8
22	149	1.5	18.5 +- 0.6; 2.8	14.3 +- 0.7; 4.2	15.1 +- 1.6
23	177	1.3	17.3 +- 0.5; 2.6	13.0 +- 0.7; 4.1	14.5 +- 1.4
24	196	1.2	18.4 +- 0.6; 2.8	14.2 +- 0.7; 4.2	13.6 +- 1.3
25	217	1.5	16.0 +- 0.5; 2.4	11.7 +- 0.6; 4.0	13.1 +- 1.6
26	215	4.6	17.2 +- 0.5; 2.6	12.9 +- 0.7; 4.1	12.4 +- 1.6
27	205	4.2	17.8 +- 0.5; 2.7	13.5 +- 0.7; 4.2	13.9 +- 1.5
28	233	11.0	18.1 +- 0.5; 2.7	13.9 +- 0.7; 4.2	13.4 +- 1.4
29	224	13.0	16.0 +- 0.5; 2.4	11.7 +- 0.6; 4.0	13.0 +- 1.3
30	202	14.0	18.2 +- 0.5; 2.7	14.0 +- 0.7; 4.2	13.9 +- 1.4
31	210	15.0	17.2 +- 0.5; 2.6	13.0 +- 0.7; 4.1	13.2 +- 1.2
32	210	15.0	17.8 +- 0.5; 2.7	13.6 +- 0.7; 4.2	13.7 +- 1.8
33	210	15.0	17.3 +- 0.5; 2.6	13.1 +- 0.7; 4.1	12.9 +- 1.5
34	27	0.2	15.3 +- 0.5; 2.3	10.9 +- 0.6; 3.9	13.0 +- 2.4
35	50	0.3	18.4 +- 0.6; 2.8	14.2 +- 0.7; 4.2	15.3 +- 1.7
36	133	3.9	17.5 +- 0.5; 2.6	13.3 +- 0.7; 4.1	14.6 +- 1.6

Transit Dose = 5.0 +- 0.4; 2.9

SHOREHAM

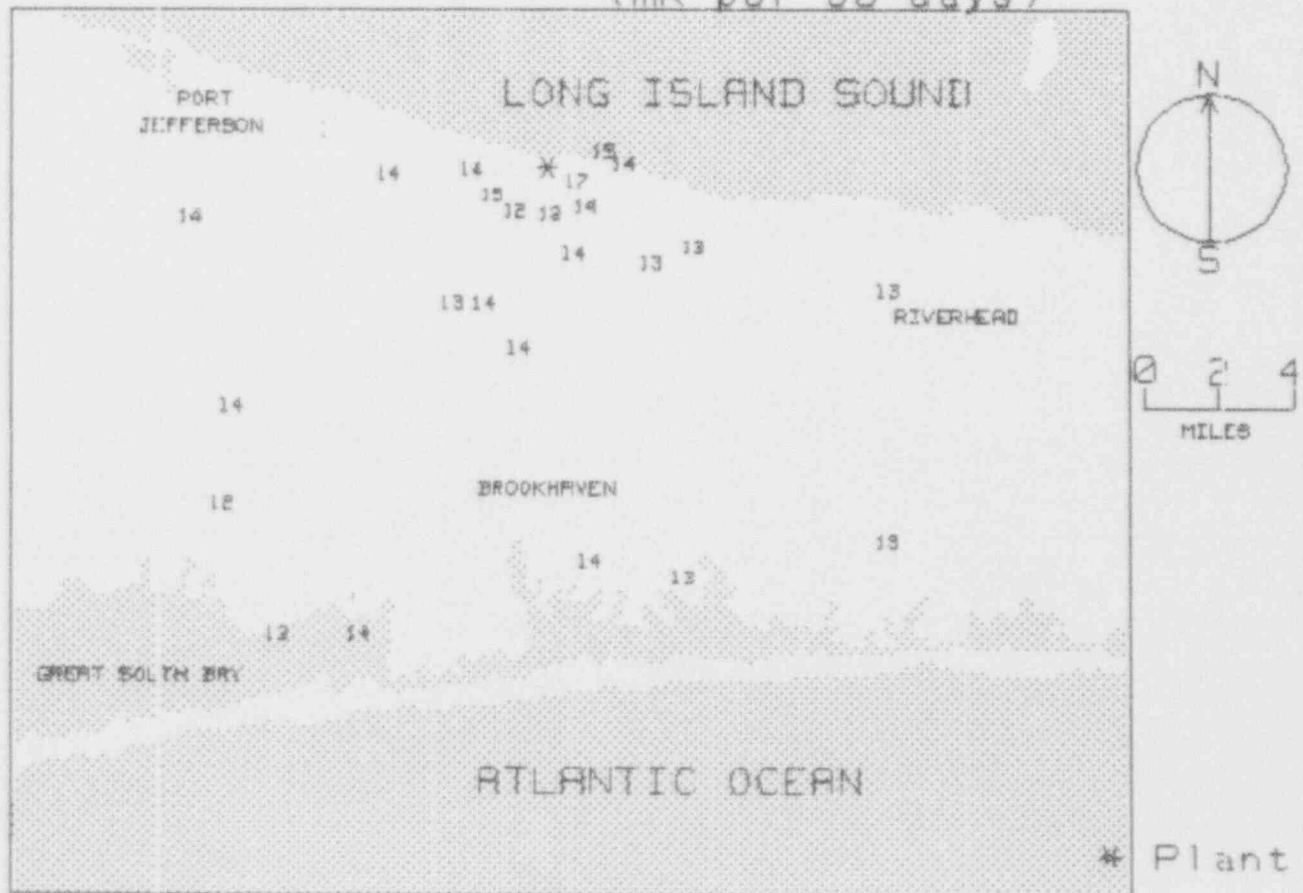
For the period 921208-930422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	No Data +- No Data	0
11.26 - 33.75 NNE	10.9 +- 0.0	1
33.76 - 56.25 NE	14.2 +- 0.0	1
56.26 - 78.75 ENE	14.5 +- 0.0	1
78.76 - 101.25 E	14.7 +- 0.4	2
101.26 - 123.75 ESE	14.5 +- 2.5	3
123.76 - 146.25 SE	13.4 +- 0.5	3
146.26 - 168.75 SSE	13.6 +- 1.0	2
168.76 - 191.25 S	13.7 +- 0.6	3
191.26 - 213.75 SSW	13.9 +- 0.3	3
213.76 - 236.25 SW	12.6 +- 1.1	4
236.26 - 258.75 WSW	14.5 +- 0.0	1
258.76 - 281.25 W	14.0 +- 0.3	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	14.0 +- 1.7	11
2 - 5	13.6 +- 0.6	7
> 5	13.4 +- 0.8	9
Upwind Control	13.2 +- 0.3	3

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



SOUTH TEXAS

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 Days

Field Time: 92 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR)		(mR/Std. Qtr.)		Net Exp Rate	
			+--Rdm; Tot.		+--Rdm; Tot.		+--1 Std Dev	
1	90	1.0	20.5 +- 0.6; 3.1		14.9 +- 0.7; 4.3		16.6 +- 2.9	
2	63	1.0	20.0 +- 0.6; 3.0		14.4 +- 0.7; 4.2		17.9 +- 2.3	
3	40	1.0	21.3 +- 0.6; 3.2		15.7 +- 0.7; 4.4		18.5 +- 2.3	
4	19	1.0	20.7 +- 0.6; 3.1		15.1 +- 0.7; 4.3		17.2 +- 2.4	
5	4	0.9	20.6 +- 0.6; 3.1		15.0 +- 0.7; 4.3		17.1 +- 2.1	
6	339	0.9	20.0 +- 0.6; 3.0		14.4 +- 0.7; 4.2		17.5 +- 2.3	
7	318	1.0	20.3 +- 0.6; 3.0		14.6 +- 0.7; 4.3		16.8 +- 2.3	
8	294	1.1	22.1 +- 0.7; 3.3		16.5 +- 0.8; 4.4		19.9 +- 2.5	
9	267	1.3	22.4 +- 0.7; 3.4		16.7 +- 0.8; 4.5		19.9 +- 2.2	
10	126	0.3	19.2 +- 0.6; 2.9		13.6 +- 0.7; 4.1		15.9 +- 2.3	
11	180	0.1	19.9 +- 0.6; 3.0		14.3 +- 0.7; 4.2		16.2 +- 2.9	
12	257	0.5	18.4 +- 0.6; 2.8		12.8 +- 0.7; 4.1		15.5 +- 2.5	
13	262	0.9	18.3 +- 0.5; 2.7		12.7 +- 0.7; 4.1		15.6 +- 2.4	
14	250	1.3	18.9 +- 0.6; 2.8		13.3 +- 0.7; 4.1		16.0 +- 2.3	
15	227	2.4	18.5 +- 0.6; 2.8		12.9 +- 0.7; 4.1		14.7 +- 2.5	
16	210	3.7	17.8 +- 0.5; 2.7		12.2 +- 0.6; 4.0		14.3 +- 2.6	
17	175	3.6	17.9 +- 0.5; 2.7		12.3 +- 0.6; 4.0		14.8 +- 2.3	
18	158	3.7	17.3 +- 0.5; 2.6		11.7 +- 0.6; 4.0		14.8 +- 2.3	
19	143	3.3	18.7 +- 0.6; 2.8		13.1 +- 0.7; 4.1		14.5 +- 2.7	
20	122	2.3	19.6 +- 0.6; 2.9		14.0 +- 0.7; 4.2		15.8 +- 2.7	
21	121	1.1	20.7 +- 0.6; 3.1		15.1 +- 0.7; 4.3		15.2 +- 2.5	
22	257	2.5	20.6 +- 0.6; 3.1		15.0 +- 0.7; 4.3		16.5 +- 2.1	
23	262	4.5	22.3 +- 0.7; 3.3		16.6 +- 0.8; 4.5		19.1 +- 2.5	
24	282	4.7	20.5 +- 0.6; 3.1		14.9 +- 0.7; 4.3		17.2 +- 2.8	
25	304	5.8	19.4 +- 0.6; 2.9		13.8 +- 0.7; 4.2		15.8 +- 2.7	
26	242	5.4	20.2 +- 0.6; 3.0		14.6 +- 0.7; 4.2		16.8 +- 2.5	
27	223	5.0	20.4 +- 0.6; 3.1		14.8 +- 0.7; 4.3		16.9 +- 2.7	
28	236	9.6	18.6 +- 0.6; 2.8		13.0 +- 0.7; 4.1		14.8 +- 2.6	
29	259	10.0	19.7 +- 0.6; 3.0		14.1 +- 0.7; 4.2		16.2 +- 2.4	
30	291	6.2	20.3 +- 0.6; 3.0		14.7 +- 0.7; 4.3		17.6 +- 2.6	
31	323	7.8	20.8 +- 0.6; 3.1		15.2 +- 0.7; 4.3		18.6 +- 5.6	
32	335	7.4	29.1 +- 0.9; 4.4		23.3 +- 0.9; 5.2		21.3 +- 2.4	
33	351	5.5	18.8 +- 0.6; 2.8		13.2 +- 0.7; 4.1		15.2 +- 2.5	
34	88	4.4	18.1 +- 0.5; 2.7		12.6 +- 0.7; 4.0		16.0 +- 2.7	
35	89	6.7	18.5 +- 0.6; 2.8		12.9 +- 0.7; 4.1		15.0 +- 2.5	
36	121	3.9	20.1 +- 0.6; 3.0		14.5 +- 0.7; 4.2		16.6 +- 2.8	
37	145	8.8	18.9 +- 0.6; 2.8		13.3 +- 0.7; 4.1		15.0 +- 2.2	
38	297	12.0	18.3 +- 0.5; 2.7		12.7 +- 0.7; 4.1		15.3 +- 2.5	
39	321	9.3	20.7 +- 0.6; 3.1		15.1 +- 0.7; 4.3		18.1 +- 2.3	
40	353	12.0	18.8 +- 0.6; 2.8		13.2 +- 0.7; 4.1		14.8 +- 2.4	
41	13	18.0	19.7 +- 0.6; 3.0		14.1 +- 0.7; 4.2		16.5 +- 2.5	
42	21	5.7	19.5 +- 0.6; 2.9		13.9 +- 0.7; 4.2		17.1 +- 2.6	
43	39	5.8	20.8 +- 0.6; 3.1		15.2 +- 0.7; 4.3		17.7 +- 2.6	
44	53	5.1	Missing Dosimeter		No Net Data		19.8 +- 4.2	
45	69	7.3	18.0 +- 0.5; 2.7		12.5 +- 0.7; 4.0		17.2 +- 8.9	
46	66	17.0	22.6 +- 0.7; 3.4		16.9 +- 0.8; 4.5		20.7 +- 5.6	

Transit Dose = 5.3 +- 0.4; 3.1

SOUTH TEXAS

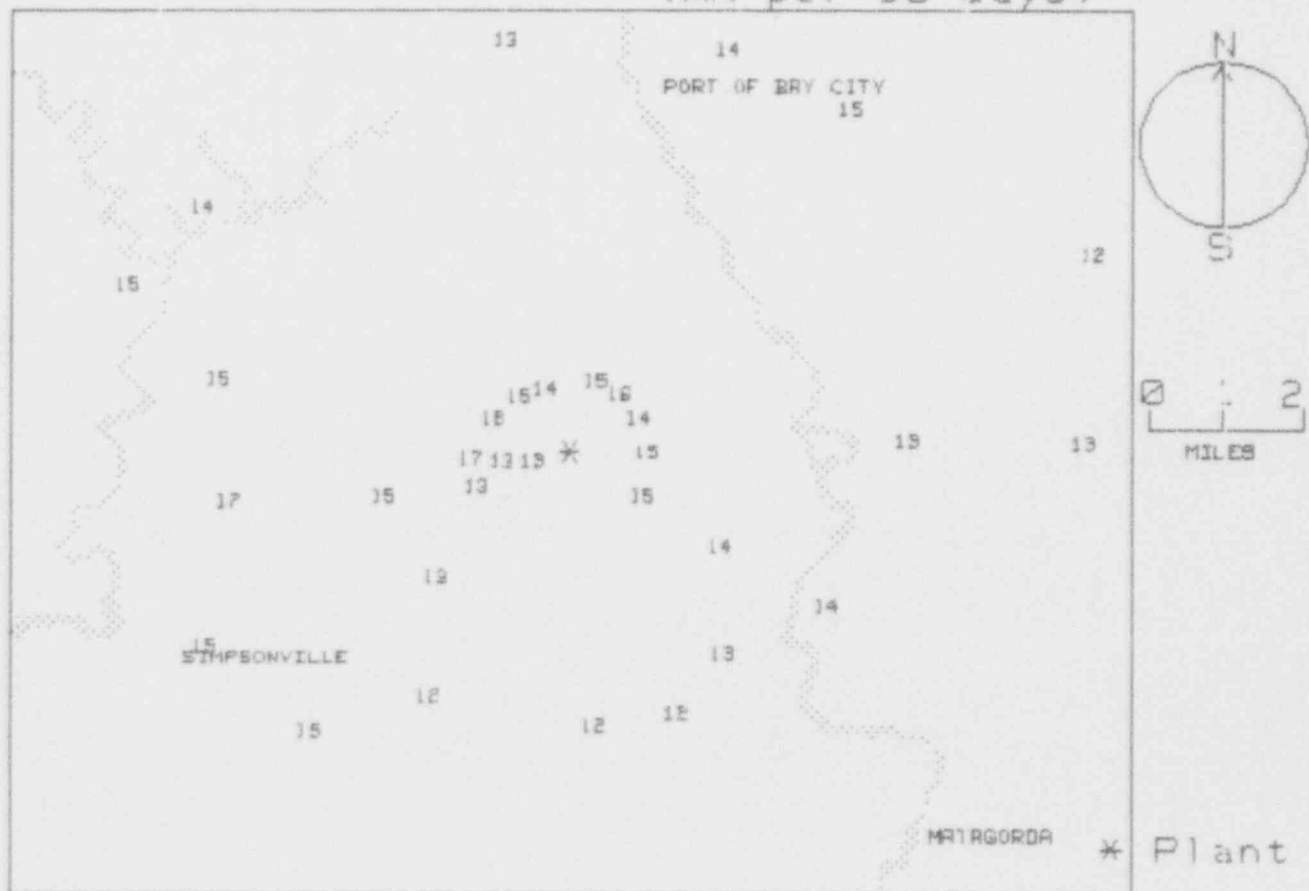
For the period 921206-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.1 +- 1.2	2
11.26 - 33.75 NNE	14.5 +- 0.9	2
33.76 - 56.25 NE	15.4 +- 0.4	2
56.26 - 78.75 ENE	14.6 +- 2.2	3
78.76 - 101.25 E	13.5 +- 1.3	3
101.26 - 123.75 ESE	14.5 +- 0.6	3
123.76 - 146.25 SE	13.3 +- 0.3	3
146.26 - 168.75 SSE	11.7 +- 0.0	1
168.76 - 191.25 S	13.3 +- 1.4	2
191.26 - 213.75 SSW	12.2 +- 0.0	1
213.76 - 236.25 SW	13.6 +- 1.0	3
236.26 - 258.75 WSW	13.9 +- 1.0	4
258.76 - 281.25 W	15.1 +- 2.0	4
281.26 - 303.75 WNW	15.3 +- 1.0	3
303.76 - 326.25 NW	14.7 +- 0.6	4
326.26 - 348.75 NNW	18.8 +- 6.3	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.6 +- 1.2	15
2 - 5	13.7 +- 1.5	12
> 5	14.8 +- 2.6	15
Upwind Control	13.4 +- 0.7	3

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



ST. LUCIE

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420

134 Days

Field Time: 97 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	20	0.3	14.8 +- 0.4; 2.2		12.8 +- 0.5; 3.4		14.5 +- 3.7	
2	45	0.2	14.8 +- 0.4; 2.2		12.9 +- 0.5; 3.4		15.4 +- 3.7	
3	67	0.2	18.0 +- 0.5; 2.7		15.8 +- 0.6; 3.7		16.5 +- 4.5	
4	92	0.3	14.9 +- 0.4; 2.2		12.9 +- 0.5; 3.4		13.9 +- 3.8	
5	113	0.4	13.9 +- 0.4; 2.1		12.0 +- 0.5; 3.3		13.5 +- 3.7	
6	143	1.1	12.8 +- 0.4; 1.9		11.0 +- 0.4; 3.2		12.4 +- 3.6	
7	150	2.0	14.6 +- 0.4; 2.2		12.6 +- 0.5; 3.4		12.0 +- 3.3	
8	154	4.7	12.8 +- 0.4; 1.9		11.0 +- 0.4; 3.2		13.1 +- 3.8	
9	152	23.0	14.1 +- 0.4; 2.1		12.2 +- 0.5; 3.3		13.5 +- 3.9	
10	152	23.0	15.6 +- 0.5; 2.3		13.6 +- 0.5; 3.5		13.9 +- 5.1	
11	152	23.0	15.2 +- 0.5; 2.3		13.2 +- 0.5; 3.4		15.1 +- 5.0	
12	168	14.0	13.9 +- 0.4; 2.1		12.0 +- 0.5; 3.3		13.4 +- 3.6	
13	185	10.0	13.5 +- 0.4; 2.0		11.6 +- 0.5; 3.3		13.7 +- 3.6	
14	183	11.0	14.5 +- 0.4; 2.2		12.6 +- 0.5; 3.4		16.0 +- 3.7	
15	170	8.0	14.1 +- 0.4; 2.1		12.2 +- 0.5; 3.3		13.3 +- 3.8	
16	196	7.0	13.8 +- 0.4; 2.1		12.0 +- 0.5; 3.3		13.7 +- 3.7	
17	229	7.9	18.1 +- 0.5; 2.7		15.9 +- 0.6; 3.7		15.7 +- 4.6	
18	250	6.6	12.9 +- 0.4; 1.9		11.1 +- 0.4; 3.2		12.8 +- 3.7	
19	247	4.8	13.4 +- 0.4; 2.0		11.6 +- 0.4; 3.3		13.3 +- 3.7	
20	229	5.0	14.0 +- 0.4; 2.1		12.1 +- 0.5; 3.3		13.6 +- 3.6	
21	208	3.8	13.2 +- 0.4; 2.0		11.4 +- 0.4; 3.3		13.1 +- 4.2	
22	187	3.8	13.7 +- 0.4; 2.1		11.8 +- 0.5; 3.3		13.4 +- 3.8	
23	203	2.6	14.3 +- 0.4; 2.1		12.3 +- 0.5; 3.3		13.4 +- 3.6	
24	245	1.9	13.4 +- 0.4; 2.0		11.5 +- 0.4; 3.3		13.1 +- 3.8	
25	280	2.2	14.4 +- 0.4; 2.2		12.5 +- 0.5; 3.4		13.8 +- 3.8	
26	299	3.1	14.4 +- 0.4; 2.2		12.5 +- 0.5; 3.4		13.9 +- 3.7	
27	305	3.8	14.2 +- 0.4; 2.1		12.3 +- 0.5; 3.3		13.4 +- 3.7	
28	276	4.0	13.6 +- 0.4; 2.0		11.7 +- 0.5; 3.3		13.0 +- 3.6	
29	293	5.8	14.1 +- 0.4; 2.1		12.2 +- 0.5; 3.3		13.3 +- 3.7	
30	316	7.7	13.1 +- 0.4; 2.0		11.3 +- 0.4; 3.3		13.3 +- 3.9	
32	300	11.0	14.2 +- 0.4; 2.1		12.3 +- 0.5; 3.3		14.1 +- 3.6	
33	322	8.7	15.8 +- 0.5; 2.4		13.8 +- 0.5; 3.5		14.7 +- 3.7	
34	339	8.8	14.2 +- 0.4; 2.1		12.3 +- 0.5; 3.3		14.0 +- 3.8	
35	342	2.9	13.6 +- 0.4; 2.0		11.8 +- 0.5; 3.3		12.9 +- 3.7	
36	346	1.9	14.5 +- 0.4; 2.2		12.6 +- 0.5; 3.4		14.2 +- 3.7	
37	353	1.0	12.8 +- 0.4; 1.9		11.0 +- 0.4; 3.2		13.5 +- 4.0	
38	226	2.0	13.7 +- 0.4; 2.1		11.9 +- 0.5; 3.3		13.6 +- 3.7	

Transit Dose = 1.0 +- 0.3; 2.9

ST. LUCIE

For the period 921208-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.0 +- 0.0	1
11.26 - 33.75 NNE	12.8 +- 0.0	1
33.76 - 56.25 NE	12.9 +- 0.0	1
56.26 - 78.75 ENE	15.8 +- 0.0	1
78.76 - 101.25 E	12.9 +- 0.0	1
101.26 - 123.75 ESE	12.0 +- 0.0	1
123.76 - 146.25 SE	11.0 +- 0.0	1
146.26 - 168.75 SSE	11.9 +- 0.8	3
168.76 - 191.25 S	12.1 +- 0.4	4
191.26 - 213.75 SSW	11.9 +- 0.5	3
213.76 - 236.25 SW	13.3 +- 2.3	3
236.26 - 258.75 WSW	11.4 +- 0.3	3
258.76 - 281.25 W	12.1 +- 0.5	2
281.26 - 303.75 WNW	12.3 +- 0.2	3
303.76 - 326.25 NW	12.5 +- 1.2	3
326.26 - 348.75 NNW	12.2 +- 0.4	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	12.5 +- 1.3	11
2 - 5	11.9 +- 0.5	11
> 5	12.4 +- 1.3	12
Upwind Control	13.0 +- 0.7	3

SUMMER

TLD Direct Radiation Environmental Monitoring

For the period 921208-930427 141 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	199	3.7	27.9	+- 0.8; 4.2	18.8	+- 0.9; 5.1	21.9	+- 2.8
2	111	1.0	27.8	+- 0.8; 4.2	18.7	+- 0.9; 5.1	20.0	+- 2.7
3	340	4.1	29.1	+- 0.9; 4.4	20.0	+- 0.9; 5.2	23.3	+- 3.1
4	192	9.3	28.6	+- 0.9; 4.3	19.5	+- 0.9; 5.2	21.3	+- 1.7
5	72	1.8	29.6	+- 0.9; 4.4	20.4	+- 0.9; 5.3	22.8	+- 2.7
6	54	1.5	28.3	+- 0.8; 4.2	19.2	+- 0.9; 5.1	22.2	+- 1.9
7	46	3.0	33.7	+- 1.0; 5.1	24.2	+- 1.0; 5.7	27.3	+- 2.7
8	31	3.0	36.8	+- 1.1; 5.5	27.2	+- 1.1; 6.1	28.3	+- 3.0
9	13	3.9	32.5	+- 1.0; 4.9	23.1	+- 1.0; 5.6	27.4	+- 2.1
10	7	4.0	32.3	+- 1.0; 4.8	22.9	+- 1.0; 5.6	26.2	+- 1.7
11	349	4.3	33.9	+- 1.0; 5.1	24.4	+- 1.1; 5.8	22.3	+- 3.3
12	323	5.0	Missing Dosimeter		No Net Data		24.5	+- 2.3
13	333	3.0	31.2	+- 0.9; 4.7	21.9	+- 1.0; 5.5	24.8	+- 1.9
14	255	2.8	28.1	+- 0.8; 4.2	19.0	+- 0.9; 5.1	19.3	+- 3.6
15	308	5.6	Missing Dosimeter		No Net Data		26.0	+- 2.1
16	64	3.5	36.1	+- 1.1; 5.4	26.5	+- 1.1; 6.0	26.6	+- 3.2
17	98	3.1	29.3	+- 0.9; 4.4	20.1	+- 0.9; 5.3	23.3	+- 2.0
18	114	3.5	29.4	+- 0.9; 4.4	20.2	+- 0.9; 5.3	23.0	+- 1.9
19	132	2.0	29.3	+- 0.9; 4.4	20.1	+- 0.9; 5.3	20.9	+- 2.1
20	152	4.5	23.1	+- 0.7; 3.5	14.3	+- 0.8; 4.6	14.3	+- 2.9
21	133	4.1	22.8	+- 0.7; 3.4	14.0	+- 0.8; 4.6	16.0	+- 1.9
22	157	2.4	24.8	+- 0.7; 3.7	15.9	+- 0.8; 4.8	17.9	+- 2.2
23	173	2.4	26.7	+- 0.8; 4.0	17.7	+- 0.9; 5.0	20.2	+- 2.2
24	185	3.9	25.3	+- 0.8; 3.8	16.3	+- 0.8; 4.8	19.5	+- 2.2
25	210	3.3	27.0	+- 0.8; 4.0	17.9	+- 0.9; 5.0	19.3	+- 1.9
26	217	3.3	22.9	+- 0.7; 3.4	14.1	+- 0.8; 4.6	17.7	+- 2.1
27	231	3.1	Missing Dosimeter		No Net Data		15.4	+- 2.3
28	267	2.7	28.9	+- 0.9; 4.3	19.7	+- 0.9; 5.2	22.4	+- 2.1
29	276	3.4	31.2	+- 0.9; 4.7	21.9	+- 1.0; 5.5	23.7	+- 1.9
30	293	3.8	Missing Dosimeter		No Net Data		25.3	+- 4.4
31	244	3.6	32.1	+- 1.0; 4.8	22.8	+- 1.0; 5.6	20.7	+- 3.6
32	247	6.2	32.9	+- 1.0; 4.9	23.5	+- 1.0; 5.7	23.4	+- 2.2
33	218	9.0	27.9	+- 0.8; 4.2	18.8	+- 0.9; 5.1	20.5	+- 2.0
34	192	9.3	28.0	+- 0.8; 4.2	18.9	+- 0.9; 5.1	20.6	+- 1.9
35	184	14.1	23.0	+- 0.7; 3.4	14.2	+- 0.8; 4.6	16.4	+- 1.9
36	183	14.6	21.9	+- 0.7; 3.3	13.1	+- 0.8; 4.5	15.3	+- 2.9
37	182	14.8	20.9	+- 0.6; 3.1	12.2	+- 0.7; 4.4	14.4	+- 3.1
38	148	20.8	Missing Dosimeter		No Net Data		21.5	+- 2.7
39	140	25.0	32.3	+- 1.0; 4.8	22.9	+- 1.0; 5.6	22.8	+- 2.4
40	135	23.1	Missing Dosimeter		No Net Data		20.2	+- 3.5

Transit Dose = 7.9 +- 0.5; 3.5

SUMMER

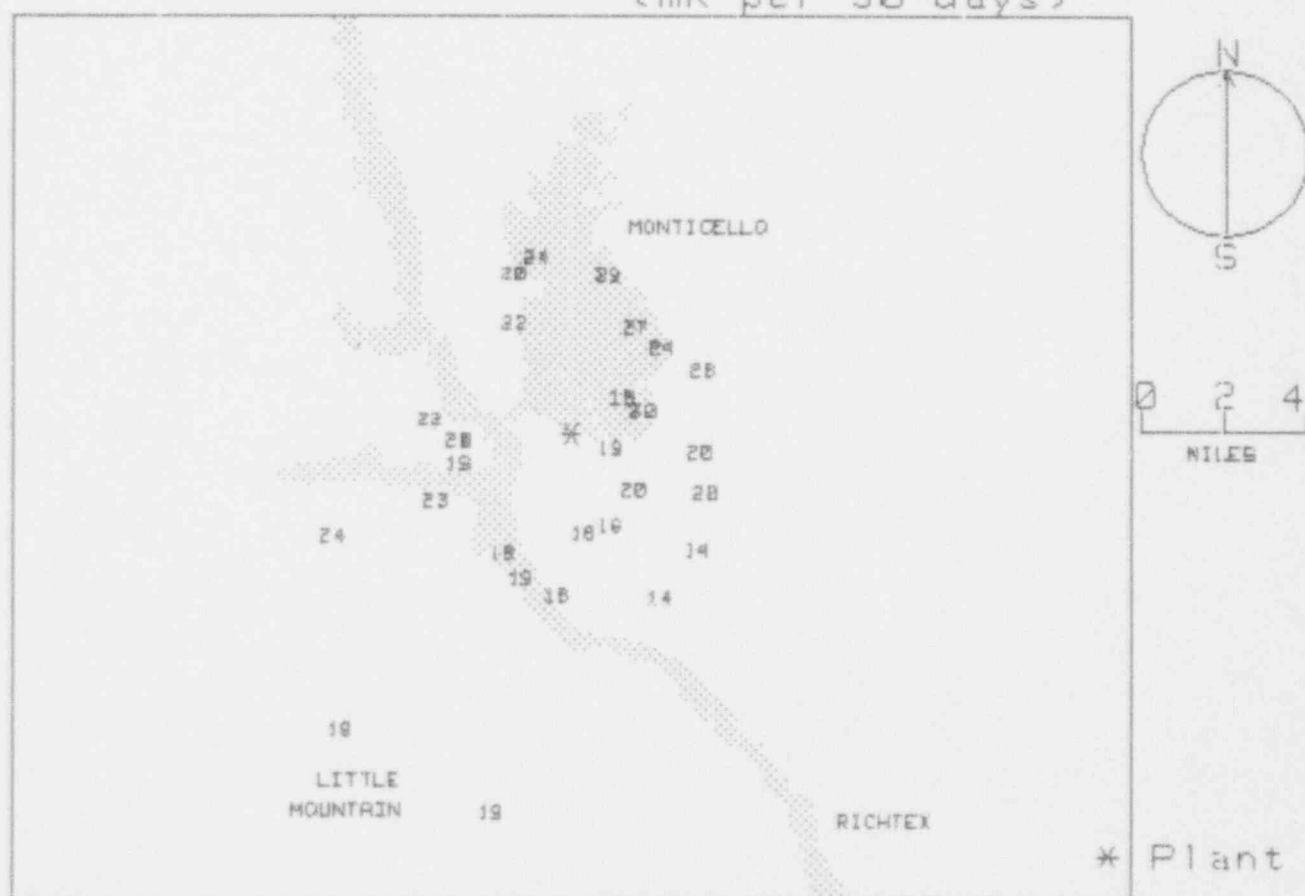
For the period 921208-930427

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	23.7 +- 1.0	2
11.26 - 33.75 NNE	25.1 +- 2.9	2
33.76 - 56.25 NE	21.7 +- 3.6	2
56.26 - 78.75 ENE	23.4 +- 4.3	2
78.76 - 101.25 E	20.1 +- 0.0	1
101.26 - 123.75 ESE	19.5 +- 1.1	2
123.76 - 146.25 SE	19.0 +- 4.6	3
146.26 - 168.75 SSE	15.1 +- 1.1	2
168.76 - 191.25 S	17.0 +- 0.9	2
191.26 - 213.75 SSW	18.8 +- 0.6	4
213.76 - 236.25 SW	16.4 +- 3.3	2
236.26 - 258.75 WSW	21.8 +- 2.4	3
258.76 - 281.25 W	20.8 +- 1.5	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	20.9 +- 1.4	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.6 +- 0.8	4
2 - 5	20.1 +- 3.8	22
> 5	20.7 +- 2.3	5
Upwind Control	13.2 +- 1.0	3

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



SURREY

TLD Direct Radiation Environmental Monitoring

For the period 921208-930422 136 Days

Field Time: 81 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	18	19.0	20.7 +- 0.6; 3.1		14.6 +- 0.8; 4.8		15.7 +- 1.2	
2	129	17.0	23.2 +- 0.7; 3.5		17.3 +- 0.9; 5.1		17.3 +- 1.2	
3	162	17.0	21.6 +- 0.6; 3.2		15.6 +- 0.9; 4.9		16.0 +- 1.4	
4	162	17.0	18.8 +- 0.6; 2.8		12.5 +- 0.8; 4.6		13.3 +- 1.7	
5	156	5.1	22.3 +- 0.7; 3.3		16.4 +- 0.9; 5.0		17.8 +- 1.4	
6	189	4.1	19.4 +- 0.6; 2.9		13.1 +- 0.8; 4.7		14.8 +- 1.6	
7	202	2.2	20.4 +- 0.6; 3.1		14.2 +- 0.8; 4.8		14.7 +- 1.5	
8	183	1.6	22.2 +- 0.7; 3.3		16.3 +- 0.9; 5.0		17.3 +- 1.3	
9	243	0.2	24.4 +- 0.7; 3.7		17.7 +- 0.9; 5.3		20.3 +- 1.5	
10	269	0.1	25.3 +- 0.8; 3.8		19.7 +- 1.0; 5.4		23.4 +- 2.5	
11	304	0.1	24.3 +- 0.7; 3.6		18.5 +- 0.9; 5.3		24.1 +- 3.5	
12	334	0.2	25.9 +- 0.8; 3.9		20.3 +- 1.0; 5.5		23.7 +- 2.4	
13	10	1.2	21.6 +- 0.6; 3.2		15.6 +- 0.9; 4.9		16.4 +- 1.5	
14	21	2.0	21.2 +- 0.6; 3.2		15.1 +- 0.9; 4.9		16.8 +- 1.5	
15	203	4.5	20.0 +- 0.6; 3.0		13.8 +- 0.8; 4.7		15.2 +- 1.5	
16	224	3.7	19.9 +- 0.6; 3.0		13.7 +- 0.8; 4.7		14.0 +- 1.3	
17	212	2.0	22.1 +- 0.7; 3.3		16.2 +- 0.9; 5.0		17.2 +- 1.5	
18	248	5.1	20.4 +- 0.6; 3.1		14.2 +- 0.8; 4.8		14.7 +- 1.5	
19	259	8.1	20.9 +- 0.6; 3.1		14.8 +- 0.8; 4.8		15.3 +- 2.4	
20	285	5.0	16.7 +- 0.5; 2.5		10.1 +- 0.7; 4.4		10.9 +- 1.6	
21	270	4.1	22.9 +- 0.7; 3.4		17.0 +- 0.9; 5.1		18.8 +- 1.6	
22	123	12.0	24.2 +- 0.7; 3.6		18.5 +- 0.9; 5.3		20.9 +- 2.7	
23	102	11.0	24.2 +- 0.7; 3.6		18.5 +- 0.9; 5.3		23.1 +- 1.9	
24	106	4.9	22.8 +- 0.7; 3.4		16.9 +- 0.9; 5.1		17.9 +- 1.6	
25	90	5.2	21.4 +- 0.6; 3.2		15.4 +- 0.9; 4.9		17.0 +- 1.5	
26	69	5.1	25.4 +- 0.8; 3.8		19.8 +- 1.0; 5.4		21.4 +- 1.6	
27	23	5.3	23.2 +- 0.7; 3.5		17.4 +- 0.9; 5.1		18.5 +- 1.5	
28	49	5.0	22.9 +- 0.7; 3.4		17.1 +- 0.9; 5.1		18.7 +- 1.6	
29	7	6.8	21.6 +- 0.6; 3.2		15.6 +- 0.9; 4.9		18.1 +- 1.5	
30	359	6.5	19.9 +- 0.6; 3.0		13.7 +- 0.8; 4.7		15.8 +- 1.5	
31	1	4.6	17.7 +- 0.5; 2.7		11.2 +- 0.8; 4.5		13.5 +- 2.6	
32	332	3.8	21.2 +- 0.6; 3.2		15.1 +- 0.9; 4.9		16.6 +- 1.8	
33	314	5.4	21.5 +- 0.6; 3.2		15.4 +- 0.9; 4.9		17.7 +- 1.3	
34	308	6.4	21.8 +- 0.7; 3.3		15.8 +- 0.9; 5.0		16.5 +- 1.6	
35	348	5.3	20.1 +- 0.6; 3.0		14.0 +- 0.8; 4.8		15.6 +- 1.4	
36	43	15.0	22.4 +- 0.7; 3.4		16.4 +- 0.9; 5.0		16.1 +- 1.6	
37	340	15.0	19.2 +- 0.6; 2.9		12.9 +- 0.8; 4.6		14.4 +- 1.4	
38	39	16.0	23.6 +- 0.7; 3.5		17.8 +- 0.9; 5.2		15.8 +- 2.5	
39	153	1.9	22.4 +- 0.7; 3.4		16.4 +- 0.9; 5.0		18.7 +- 1.6	
40	144	2.1	20.1 +- 0.6; 3.0		14.0 +- 0.8; 4.8		16.1 +- 1.6	

Transit Dose = 7.6 +- 0.4; 3.0

SURRY

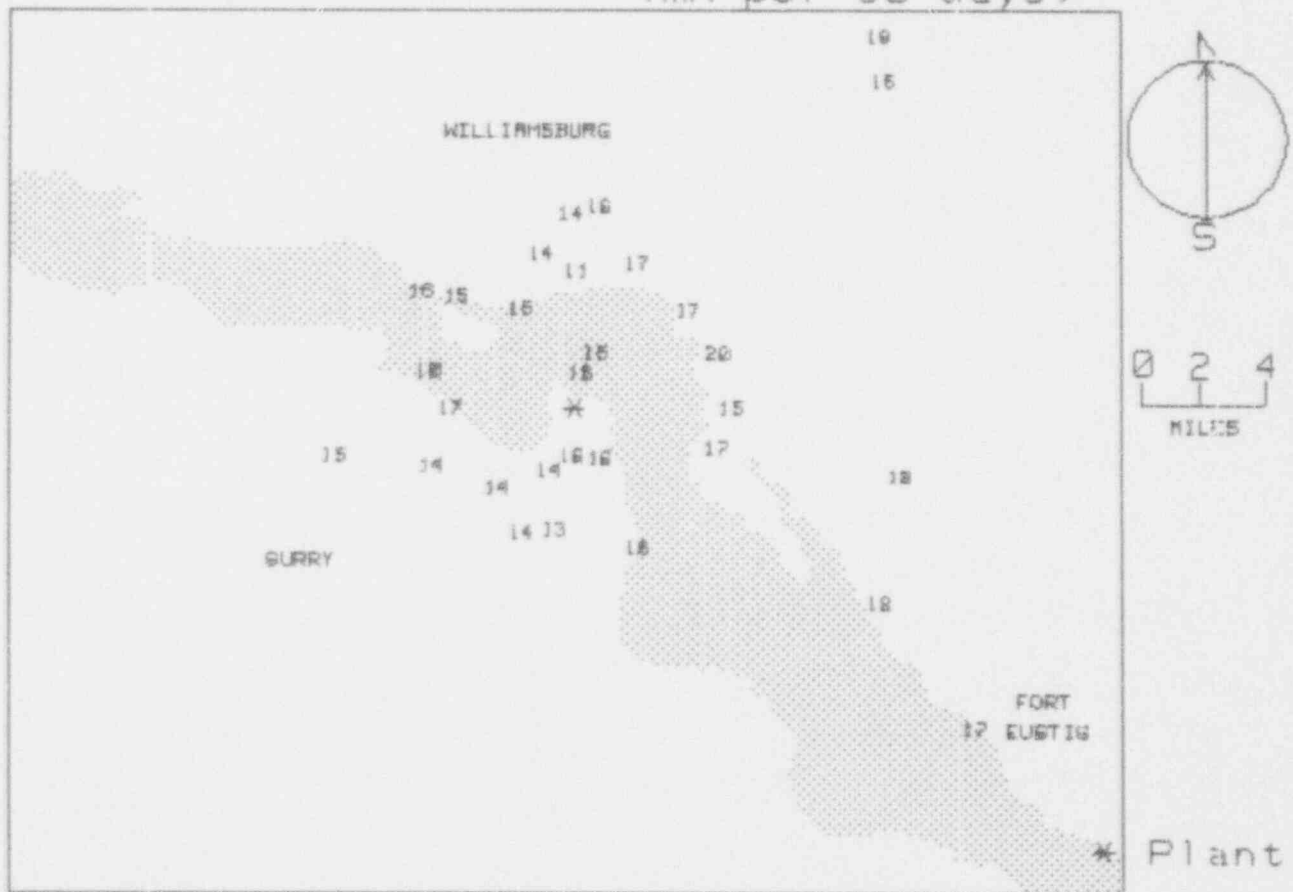
For the period 921208-930422

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.0 +- 2.1	4
11.26 - 33.75 NNE	15.7 +- 1.5	3
33.76 - 56.25 NE	17.1 +- 0.0	1
56.26 - 78.75 ENE	19.8 +- 0.0	1
78.76 - 101.25 E	15.4 +- 0.0	1
101.26 - 123.75 ESE	18.0 +- 0.9	3
123.76 - 146.25 SE	15.6 +- 2.4	2
146.26 - 168.75 SSE	15.2 +- 1.9	4
168.76 - 191.25 S	14.7 +- 2.2	2
191.26 - 213.75 SSW	14.7 +- 1.3	3
213.76 - 236.25 SW	13.7 +- 0.0	1
236.26 - 258.75 WSW	16.4 +- 3.2	2
258.76 - 281.25 W	17.2 +- 2.5	3
281.26 - 303.75 WNW	10.1 +- 0.0	1
303.76 - 326.25 NW	16.6 +- 1.7	3
326.26 - 348.75 NNW	16.5 +- 3.4	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.4 +- 1.9	9
2 - 5	14.2 +- 2.3	11
> 5	15.8 +- 1.9	17
Upwind Control	15.7 +- 2.5	3

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



SUSQUEHANNA

TLD Direct Radiation Environmental Monitoring

For the period 921206-930415 131 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	19 1.4	23.2 +- 0.7; 3.5	18.3 +- 0.7; 4.2	18.8 +- 2.4
2	358 1.4	23.1 +- 0.7; 3.5	18.2 +- 0.7; 4.2	19.0 +- 2.0
3	332 1.6	20.9 +- 0.6; 3.1	16.3 +- 0.6; 4.0	17.7 +- 1.7
4	315 1.8	21.6 +- 0.6; 3.2	16.8 +- 0.7; 4.1	17.3 +- 1.9
5	287 1.7	22.7 +- 0.7; 3.4	17.8 +- 0.7; 4.2	19.0 +- 1.9
6	270 1.3	22.6 +- 0.7; 3.4	17.8 +- 0.7; 4.2	18.8 +- 1.8
7	239 1.8	22.0 +- 0.7; 3.3	17.2 +- 0.7; 4.1	17.8 +- 1.8
8	217 2.0	25.2 +- 0.8; 3.8	20.1 +- 0.7; 4.4	21.2 +- 2.0
9	201 1.5	23.2 +- 0.7; 3.5	18.3 +- 0.7; 4.2	18.9 +- 1.9
10	185 1.3	21.3 +- 0.6; 3.2	16.6 +- 0.6; 4.0	17.3 +- 1.4
11	243 5.1	23.2 +- 0.7; 3.5	18.2 +- 0.7; 4.2	18.9 +- 1.9
12	252 4.6	22.7 +- 0.7; 3.4	17.8 +- 0.7; 4.2	18.1 +- 1.6
13	274 3.4	25.5 +- 0.8; 3.8	20.3 +- 0.8; 4.4	20.9 +- 1.7
14	286 3.6	24.2 +- 0.7; 3.6	19.2 +- 0.7; 4.3	19.5 +- 1.9
15	1 3.9	24.7 +- 0.7; 3.7	19.6 +- 0.7; 4.4	20.0 +- 1.9
16	334 4.1	23.5 +- 0.7; 3.5	18.6 +- 0.7; 4.2	19.5 +- 2.0
17	312 4.4	22.5 +- 0.7; 3.4	17.7 +- 0.7; 4.1	18.5 +- 1.9
18	33 5.0	22.9 +- 0.7; 3.4	18.0 +- 0.7; 4.2	19.4 +- 1.6
19	45 9.9	24.3 +- 0.7; 3.6	19.2 +- 0.7; 4.3	19.5 +- 1.6
20	65 4.7	24.6 +- 0.7; 3.7	19.6 +- 0.7; 4.4	20.8 +- 1.8
21	43 3.3	25.6 +- 0.8; 3.8	20.4 +- 0.8; 4.5	21.4 +- 1.8
22	33 0.9	24.7 +- 0.7; 3.7	19.6 +- 0.7; 4.4	18.1 +- 2.4
23	57 1.2	22.6 +- 0.7; 3.4	17.7 +- 0.7; 4.1	17.5 +- 1.5
24	87 1.4	Missing Dosimeter	No Net Data	19.0 +- 1.7
25	111 1.4	22.2 +- 0.7; 3.3	17.4 +- 0.7; 4.1	18.6 +- 2.0
26	137 1.5	22.2 +- 0.7; 3.3	17.4 +- 0.7; 4.1	18.9 +- 1.8
27	152 1.5	25.0 +- 0.7; 3.7	19.9 +- 0.7; 4.4	19.6 +- 1.7
28	107 3.6	24.6 +- 0.7; 3.7	19.5 +- 0.7; 4.4	21.4 +- 5.4
29	99 4.3	24.4 +- 0.7; 3.7	19.3 +- 0.7; 4.3	20.2 +- 1.9
30	138 3.6	25.3 +- 0.8; 3.8	20.2 +- 0.7; 4.4	20.4 +- 2.0
31	162 3.4	25.3 +- 0.8; 3.8	20.1 +- 0.7; 4.4	21.6 +- 2.4
32	176 3.5	24.8 +- 0.7; 3.7	19.7 +- 0.7; 4.4	20.1 +- 2.1
33	192 3.2	25.2 +- 0.8; 3.8	20.1 +- 0.7; 4.4	21.0 +- 2.0
34	231 4.4	24.2 +- 0.7; 3.6	19.2 +- 0.7; 4.3	19.4 +- 2.2
35	134 12.3	22.5 +- 0.7; 3.4	17.7 +- 0.7; 4.1	19.7 +- 2.2
36	114 13.5	24.7 +- 0.7; 3.7	19.6 +- 0.7; 4.4	21.9 +- 2.2
37	150 15.6	22.9 +- 0.7; 3.4	18.0 +- 0.7; 4.2	19.1 +- 2.0

Transit Dose = 2.9 +- 0.3; 3.1

SUSQUEHANNA

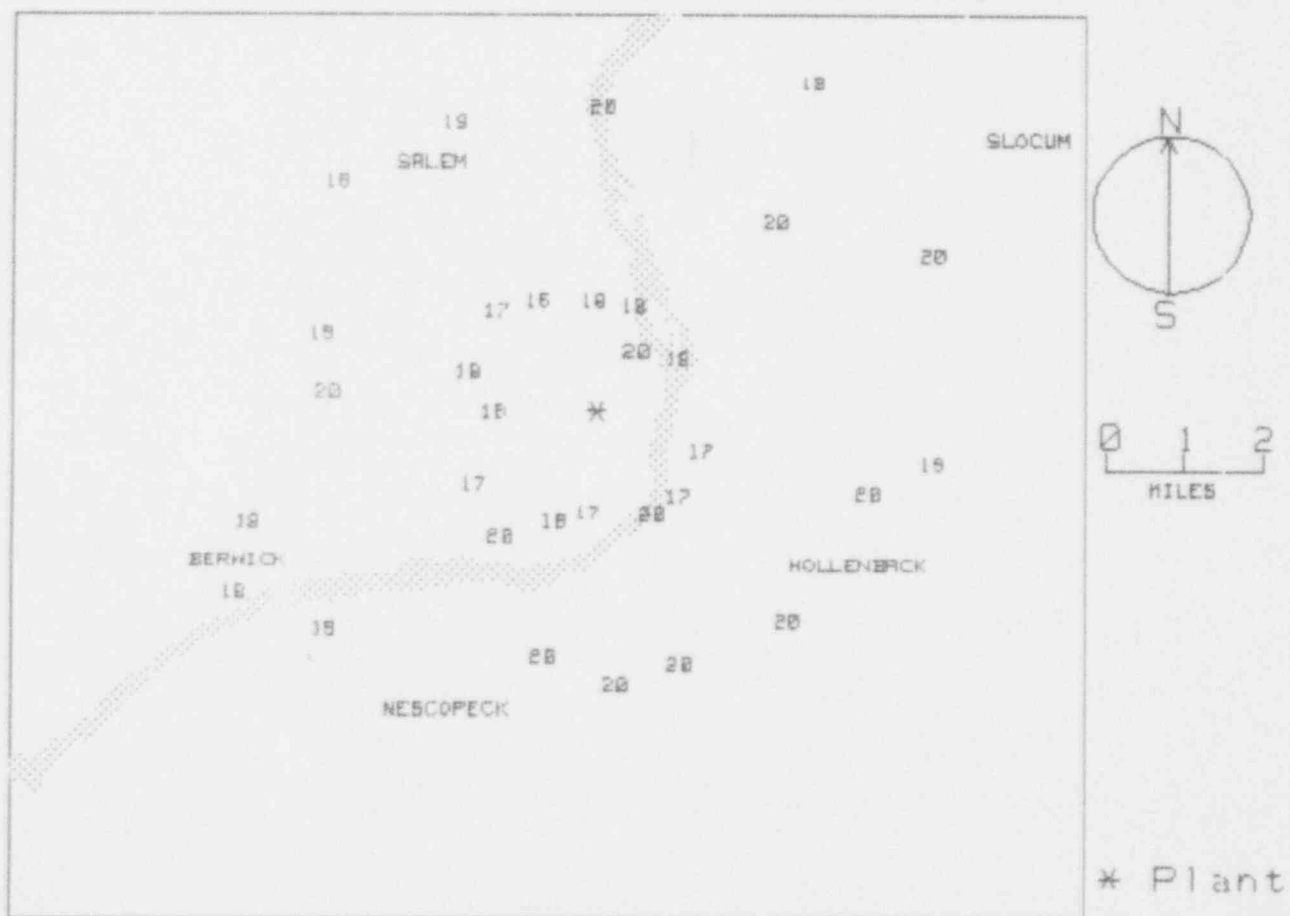
For the period 921206-930415

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 +- 1.0	2
11.26 - 33.75 NNE	18.6 +- 0.9	3
33.76 - 56.25 NE	19.8 +- 0.8	2
56.26 - 78.75 ENE	18.6 +- 1.3	2
78.76 - 101.25 E	19.3 +- 0.0	1
101.26 - 123.75 ESE	18.5 +- 1.5	2
123.76 - 146.25 SE	18.8 +- 2.0	2
146.26 - 168.75 SSE	20.0 +- 0.2	2
168.76 - 191.25 S	18.1 +- 2.2	2
191.26 - 213.75 SSW	19.2 +- 1.2	2
213.76 - 236.25 SW	19.7 +- 0.7	2
236.26 - 258.75 WSW	17.8 +- 0.5	3
258.76 - 281.25 W	19.1 +- 1.8	2
281.26 - 303.75 WNW	18.5 +- 1.0	2
303.76 - 326.25 NW	17.2 +- 0.6	2
326.26 - 348.75 NNW	17.4 +- 1.7	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	18.0 +- 1.2	15
2 - 5	19.3 +- 0.9	16
> 5	18.7 +- 0.7	2
Upwind Control	18.4 +- 1.0	3

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



THREE MILE ISLAND

TLD Direct Radiation Environmental Monitoring

For the period 921206-930415 131 Days

Field Time: 99 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev	
1	95	5.9	20.2	+- 0.6; 3.0	15.4	+- 0.6; 4.0	16.2	+- 2.1
2	102	3.9	23.3	+- 0.7; 3.5	18.2	+- 0.7; 4.3	18.5	+- 2.0
3	110	2.7	15.8	+- 0.5; 2.4	11.3	+- 0.5; 3.6	14.5	+- 2.8
4	162	1.8	19.3	+- 0.6; 2.9	14.5	+- 0.6; 3.9	15.6	+- 2.2
5	161	2.3	17.9	+- 0.5; 2.7	13.2	+- 0.6; 3.8	15.7	+- 2.0
6	152	1.1	18.7	+- 0.6; 2.8	14.0	+- 0.6; 3.8	16.4	+- 1.9
7	123	0.5	17.2	+- 0.5; 2.6	12.6	+- 0.6; 3.7	14.7	+- 2.0
8	87	0.4	17.9	+- 0.5; 2.7	13.3	+- 0.6; 3.8	15.6	+- 2.3
9	61	0.5	18.5	+- 0.6; 2.8	13.8	+- 0.6; 3.8	15.2	+- 1.8
10	1	1.7	18.6	+- 0.6; 2.8	13.9	+- 0.6; 3.8	15.3	+- 2.2
11	27	0.8	18.8	+- 0.6; 2.8	14.1	+- 0.6; 3.8	15.3	+- 2.1
12	48	1.0	19.3	+- 0.6; 2.9	14.6	+- 0.6; 3.9	15.6	+- 2.2
13	19	2.0	19.3	+- 0.6; 2.9	14.5	+- 0.6; 3.9	16.0	+- 2.1
14	358	2.4	18.2	+- 0.5; 2.7	13.6	+- 0.6; 3.8	14.5	+- 2.2
15	132	9.0	21.5	+- 0.6; 3.2	16.6	+- 0.7; 4.1	18.3	+- 2.3
16	0	3.0	17.2	+- 0.5; 2.6	12.6	+- 0.6; 3.7	14.6	+- 2.3
18	347	3.5	20.5	+- 0.6; 3.1	15.6	+- 0.6; 4.0	18.3	+- 2.3
19	343	3.1	20.1	+- 0.6; 3.0	15.2	+- 0.6; 4.0	16.6	+- 2.0
20	318	5.0	18.9	+- 0.6; 2.8	14.2	+- 0.6; 3.8	15.3	+- 2.1
21	348	2.7	16.9	+- 0.5; 2.5	12.3	+- 0.6; 3.7	12.6	+- 2.1
22	17	3.1	19.4	+- 0.6; 2.9	14.6	+- 0.6; 3.9	16.1	+- 1.9
23	64	3.7	16.1	+- 0.5; 2.4	11.6	+- 0.5; 3.6	13.1	+- 2.1
24	44	3.6	20.7	+- 0.6; 3.1	15.9	+- 0.6; 4.0	17.0	+- 2.2
25	327	0.4	26.6	+- 0.8; 4.0	21.2	+- 0.3; 4.6 *	13.4	+- 2.5
27	7	7.1	23.9	+- 0.7; 3.6	18.7	+- 0.7; 4.3	20.4	+- 2.3
29	293	0.4	32.0	+- 1.0; 4.8	26.1	+- 0.9; 5.2 *	16.2	+- 2.5
30	314	1.1	36.8	+- 1.1; 5.5	30.4	+- 1.1; 5.8 *	17.4	+- 2.1
31	303	8.6	16.7	+- 0.5; 2.5	12.2	+- 0.6; 3.7	14.0	+- 1.9
32	297	7.6	20.9	+- 0.6; 3.1	16.0	+- 0.6; 4.0	17.3	+- 2.0
33	302	5.8	17.1	+- 0.5; 2.6	12.6	+- 0.6; 3.7	14.0	+- 2.1
34	296	2.3	20.1	+- 0.6; 3.0	15.2	+- 0.6; 4.0	16.4	+- 2.3
35	308	1.8	19.5	+- 0.6; 2.9	14.7	+- 0.6; 3.9	16.4	+- 2.0
36	265	1.2	16.7	+- 0.5; 2.5	12.2	+- 0.6; 3.6	12.9	+- 2.2
37	256	1.4	16.5	+- 0.5; 2.5	12.0	+- 0.5; 3.6	13.8	+- 2.1
38	225	1.9	18.5	+- 0.6; 2.8	13.8	+- 0.6; 3.8	17.1	+- 1.7
39	204	2.0	16.0	+- 0.5; 2.4	11.5	+- 0.5; 3.6	13.2	+- 2.1
40	202	2.5	17.1	+- 0.5; 2.6	12.6	+- 0.6; 3.7	14.7	+- 2.1
41	184	12.6	20.1	+- 0.6; 3.0	15.3	+- 0.6; 4.0	16.4	+- 2.5
42	259	7.4	18.3	+- 0.6; 2.8	13.7	+- 0.6; 3.8	16.1	+- 1.8
43	268	6.2	18.3	+- 0.5; 2.7	13.6	+- 0.6; 3.8	17.2	+- 3.0
44	249	4.3	18.2	+- 0.5; 2.7	13.6	+- 0.6; 3.8	15.1	+- 2.1
45	221	0.5	25.0	+- 0.8; 3.8	19.7	+- 0.8; 4.4 *	14.0	+- 2.1
46	171	3.0	19.3	+- 0.6; 2.9	14.5	+- 0.6; 3.9	15.0	+- 2.7
47	177	5.7	18.3	+- 0.6; 2.8	13.7	+- 0.6; 3.8	15.6	+- 2.2
48	181	9.1	23.9	+- 0.7; 3.6	18.8	+- 0.7; 4.3	22.3	+- 2.5
49	199	1.0	31.1	+- 0.9; 4.7	25.3	+- 0.9; 5.1 *	15.4	+- 2.0
50	145	4.9	22.3	+- 0.7; 3.4	17.3	+- 0.7; 4.2	16.9	+- 3.2

Transit Dose = 3.3 +- 0.3; 3.1

* Station nos. 25, 29, 30, 45, and 49: Results are shown for two quarters; i.e., for the period 920909 - 930415 (Field time 184 days).

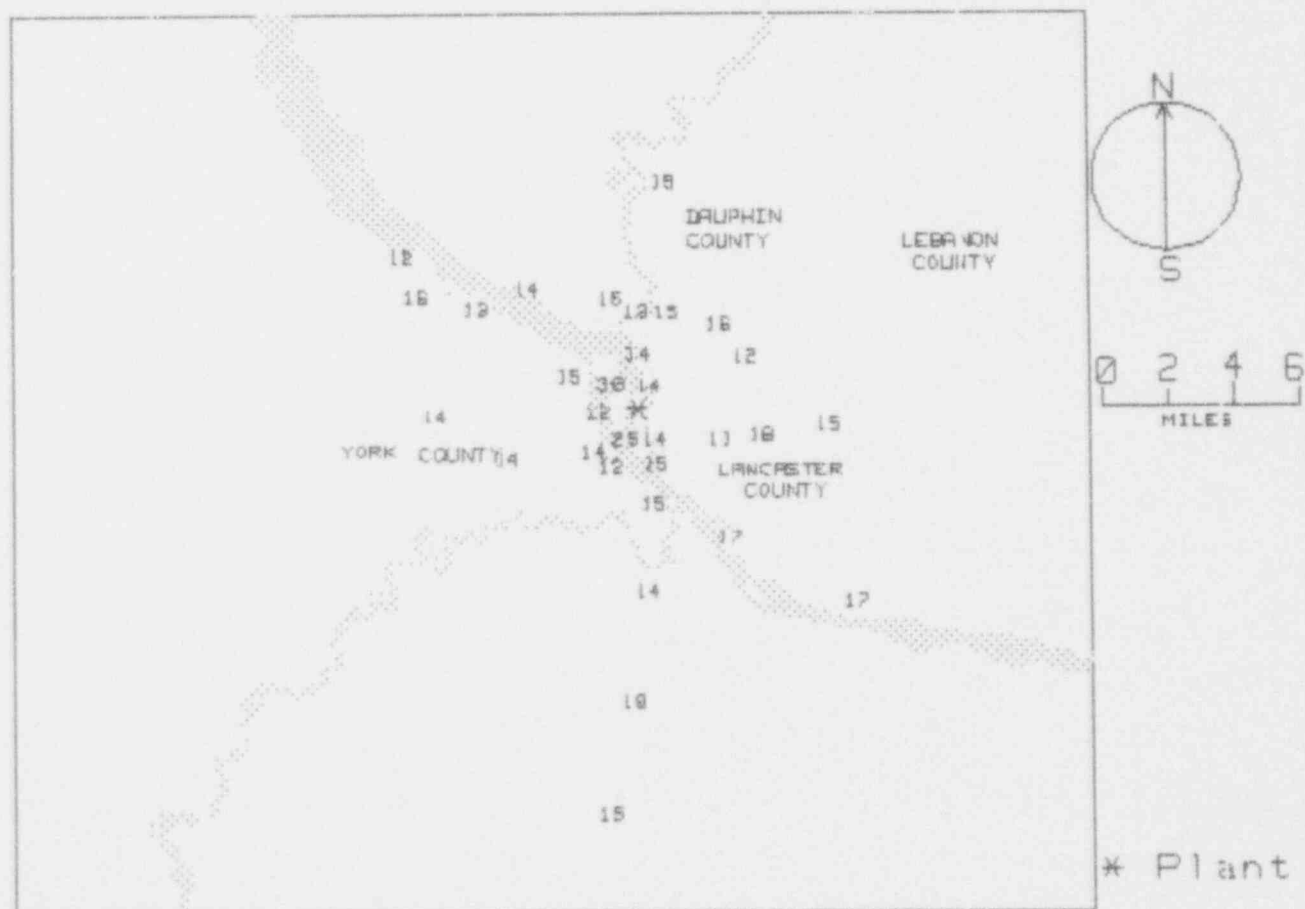
THREE MILE ISLAND
For the period 921206-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.7 +- 2.7	4
11.26 - 33.75 NNE	14.4 +- 0.3	3
33.76 - 56.25 NE	15.2 +- 0.9	2
56.26 - 78.75 ENE	12.7 +- 1.5	2
78.76 - 101.25 E	14.3 +- 1.5	2
101.26 - 123.75 ESE	14.0 +- 3.6	3
123.76 - 146.25 SE	16.9 +- 0.5	2
146.26 - 168.75 SSE	13.9 +- 0.6	3
168.76 - 191.25 S	15.6 +- 2.2	4
191.26 - 213.75 SSW	16.5 +- 7.7	3
213.76 - 236.25 SW	16.8 +- 4.2	2
236.26 - 258.75 WSW	13.6 +- 0.0	1
258.76 - 281.25 W	13.7 +- 0.0	2
281.26 - 303.75 WNW	16.4 +- 5.6	5
303.76 - 326.25 NW	22.3 +- 11.5	2
326.26 - 348.75 NNW	16.1 +- 3.7	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.1 +- 5.7	16
2 - 5	14.2 +- 1.9	17
> 5	15.1 +- 2.2	11
Upwind Control	13.0 +- 1.5	3

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



TROJAN

TLD Direct Radiation Environmental Monitoring

For the period 921206-930420 , 136 Days

Field Time: 104 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.		Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.		Hist. Range Net Exp Rate +-1 Std Dev
1	340	0.6	19.7	+- 0.6; 3.0	13.5	+- 0.6; 3.9	12.2 +- 1.1
2	334	1.5	21.7	+- 0.7; 3.3	15.3	+- 0.7; 4.0	14.7 +- 0.9
3	340	1.7	17.2	+- 0.5; 2.6	11.4	+- 0.6; 3.7	11.8 +- 0.8
4	328	3.9	Missing Dosimeter		No Net Data		12.7 +- 1.1
5	308	4.6	21.4	+- 0.6; 3.2	15.0	+- 0.6; 4.0	14.3 +- 1.2
6	312	4.5	21.0	+- 0.6; 3.1	14.7	+- 0.6; 4.0	15.1 +- 1.8
7	267	4.6	21.3	+- 0.6; 3.2	14.9	+- 0.6; 4.0	14.7 +- 1.0
8	274	3.8	20.9	+- 0.6; 3.1	14.6	+- 0.6; 4.0	15.4 +- 1.1
9	279	1.7	21.9	+- 0.7; 3.3	15.5	+- 0.7; 4.1	14.5 +- 1.3
10	263	2.0	Damaged Dosimeter		No Net Data		15.2 +- 0.9
11	245	1.6	22.3	+- 0.7; 3.4	15.8	+- 0.7; 4.1	16.2 +- 1.7
12	223	1.2	23.4	+- 0.7; 3.5	16.7	+- 0.7; 4.2	16.5 +- 1.5
13	196	1.1	22.1	+- 0.7; 3.3	15.6	+- 0.7; 4.1	15.3 +- 1.1
14	180	1.2	20.8	+- 0.6; 3.1	14.5	+- 0.6; 4.0	14.4 +- 1.1
15	165	1.7	19.7	+- 0.6; 3.0	13.6	+- 0.6; 3.9	13.4 +- 1.4
16	212	3.9	Missing Dosimeter		No Net Data		16.1 +- 2.2
17	230	3.5	22.3	+- 0.7; 3.3	15.8	+- 0.7; 4.1	15.9 +- 1.3
18	162	9.3	21.9	+- 0.7; 3.3	15.4	+- 0.7; 4.1	15.8 +- 1.3
19	172	5.0	20.2	+- 0.6; 3.0	14.0	+- 0.6; 3.9	16.2 +- 1.5
20	334	5.8	20.0	+- 0.6; 3.0	13.8	+- 0.6; 3.9	12.9 +- 1.3
21	345	5.5	18.2	+- 0.5; 2.7	12.2	+- 0.6; 3.7	13.6 +- 1.3
22	356	5.5	17.6	+- 0.5; 2.6	11.7	+- 0.6; 3.7	12.5 +- 1.4
23	8	3.9	17.2	+- 0.5; 2.6	11.3	+- 0.6; 3.7	12.1 +- 1.4
24	15	3.7	19.6	+- 0.6; 2.9	13.5	+- 0.6; 3.9	13.3 +- 1.3
25	27	1.9	17.5	+- 0.5; 2.6	11.6	+- 0.6; 3.7	12.2 +- 1.3
26	37	2.1	20.4	+- 0.6; 3.1	14.1	+- 0.6; 3.9	14.9 +- 1.5
27	60	2.9	21.6	+- 0.6; 3.2	15.2	+- 0.6; 4.0	15.1 +- 1.3
28	55	4.5	20.1	+- 0.6; 3.0	13.9	+- 0.6; 3.9	13.7 +- 1.7
29	69	1.6	17.3	+- 0.5; 2.6	11.4	+- 0.6; 3.7	13.2 +- 2.1
30	83	3.9	19.1	+- 0.6; 2.9	13.0	+- 0.6; 3.8	12.7 +- 1.3
31	93	2.7	22.0	+- 0.7; 3.3	15.5	+- 0.7; 4.1	15.4 +- 1.4
32	119	2.2	21.7	+- 0.7; 3.3	15.3	+- 0.7; 4.0	15.5 +- 1.4
33	106	5.3	23.1	+- 0.7; 3.5	16.5	+- 0.7; 4.2	14.8 +- 2.8
34	134	2.5	18.1	+- 0.5; 2.7	12.2	+- 0.6; 3.7	12.5 +- 1.4
35	145	4.7	19.4	+- 0.6; 2.9	13.3	+- 0.6; 3.8	13.0 +- 1.3
36	270	17.0	21.1	+- 0.6; 3.2	14.8	+- 0.6; 4.0	15.6 +- 2.4
37	270	17.0	23.4	+- 0.7; 3.5	16.7	+- 0.7; 4.2	16.7 +- 2.3
38	270	17.0	21.8	+- 0.7; 3.3	15.4	+- 0.7; 4.0	16.4 +- 1.5

Transit Dose = 4.1 +- 0.4; 3.3

TROJAN

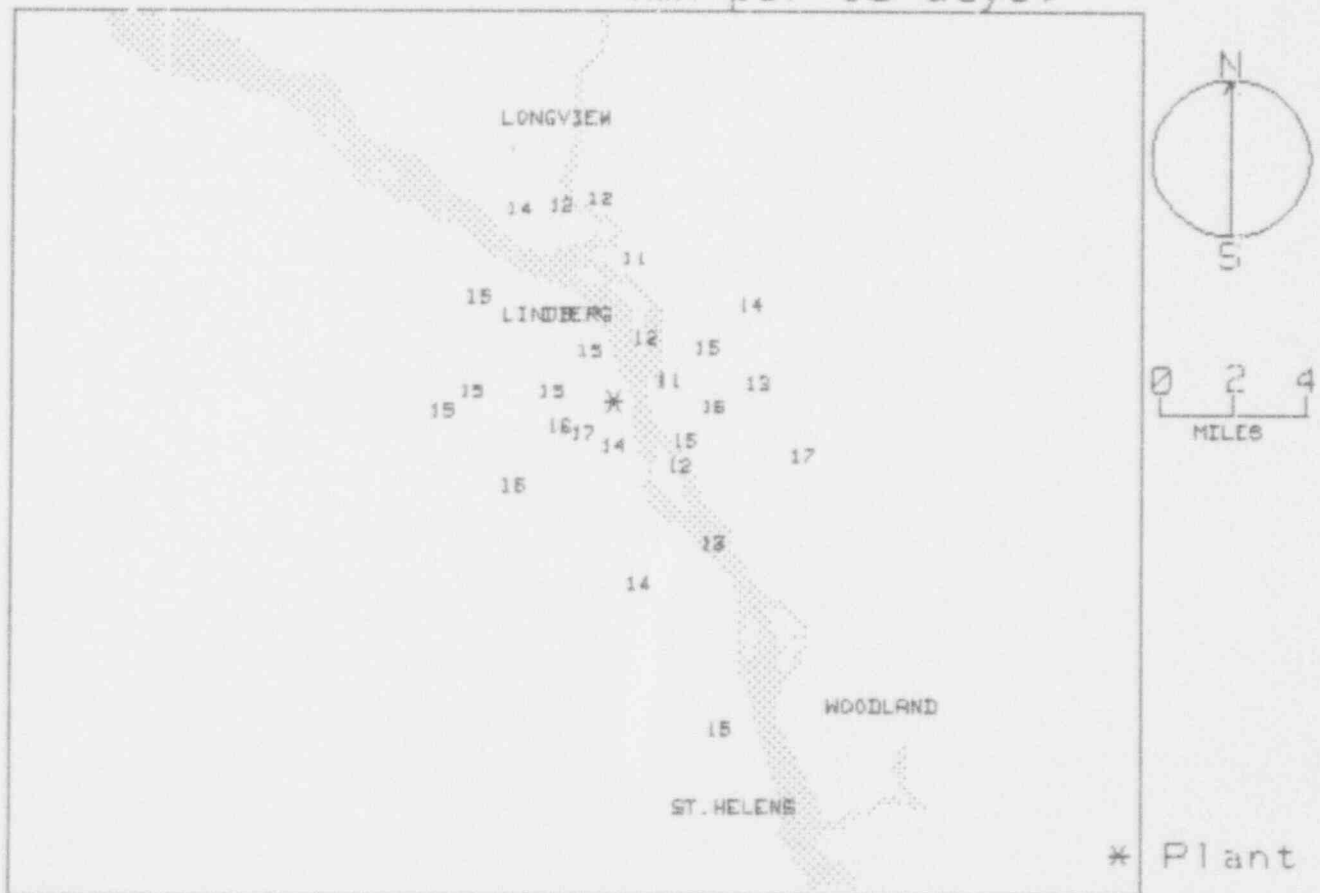
For the period 921206-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	11.5 +- 0.2	2
11.26 - 33.75 NNE	12.5 +- 1.3	2
33.76 - 56.25 NE	14.0 +- 0.2	2
56.26 - 78.75 ENE	13.3 +- 2.6	2
78.76 - 101.25 E	14.3 +- 1.8	2
101.26 - 123.75 ESE	15.9 +- 0.9	2
123.76 - 146.25 SE	12.7 +- 0.8	2
146.26 - 168.75 SSE	14.5 +- 1.3	2
168.76 - 191.25 S	14.2 +- 0.3	2
191.26 - 213.75 SSW	15.6 +- 0.0	1
213.76 - 236.25 SW	16.2 +- 0.7	2
236.26 - 258.75 WSW	15.8 +- 0.0	1
258.76 - 281.25 W	15.0 +- 0.5	3
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	14.8 +- 0.2	2
326.26 - 348.75 NNW	13.2 +- 1.5	5

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.1 +- 1.9	11
2 - 5	14.1 +- 1.2	16
> 5	13.9 +- 2.1	5
Upwind Control	15.6 +- 1.0	3

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



TURKEY POINT

TLD Direct Radiation Environmental Monitoring

For the period 921208-930420 134 Days

Field Time: 96 Days

NRC Sta	Location		Gross		Net Exposure Rate		Hist. Range	
	Azimuth/Dist (Deg)/(Mi)		Exposure (mR) +-Rdm; Tot.		(mR/Std. Qtr.) +-Rdm; Tot.		Net Exp Rate +-1 Std Dev	
1	310	1.3	13.2 +- 0.4; 2.0		12.1 +- 0.4; 3.2		11.9 +- 3.7	
2	292	2.4	12.4 +- 0.4; 1.9		11.3 +- 0.4; 3.2		12.2 +- 3.8	
3	340	1.9	14.0 +- 0.4; 2.1		12.8 +- 0.5; 3.3		12.4 +- 4.1	
4	354	2.0	17.3 +- 0.5; 2.6		15.9 +- 0.5; 3.6		12.2 +- 4.1	
5	314	3.8	13.2 +- 0.4; 2.0		12.1 +- 0.4; 3.2		12.0 +- 3.7	
6	331	4.2	Missing Dosimeter		No Net Data		11.4 +- 3.6	
7	291	5.4	14.5 +- 0.4; 2.2		13.4 +- 0.5; 3.3		12.3 +- 4.1	
8	263	5.1	Damaged Dosimeter		No Net Data		11.0 +- 3.3	
9	242	5.7	14.7 +- 0.4; 2.2		13.5 +- 0.5; 3.4		11.8 +- 4.3	
10	234	6.2	15.2 +- 0.5; 2.3		14.0 +- 0.5; 3.4		12.4 +- 4.0	
11	220	6.2	14.5 +- 0.4; 2.2		13.3 +- 0.5; 3.3		12.0 +- 4.4	
12	213	6.9	13.2 +- 0.4; 2.0		12.1 +- 0.4; 3.2		11.6 +- 3.7	
13	199	10.0	14.3 +- 0.4; 2.1		13.1 +- 0.5; 3.3		12.3 +- 3.9	
14	90	10.0	12.7 +- 0.4; 1.9		11.6 +- 0.4; 3.2		11.8 +- 3.8	
15	180	10.0	14.6 +- 0.4; 2.2		13.4 +- 0.5; 3.4		13.9 +- 3.9	
16	171	10.0	16.7 +- 0.5; 2.5		15.4 +- 0.5; 3.5		13.8 +- 4.0	
17	165	9.0	15.4 +- 0.5; 2.3		14.2 +- 0.5; 3.4		13.4 +- 4.0	
18	203	16.0	14.4 +- 0.4; 2.2		13.2 +- 0.5; 3.3		12.7 +- 3.8	
19	203	16.0	Missing Dosimeter		No Net Data		12.8 +- 3.9	
20	203	16.0	15.5 +- 0.5; 2.3		14.3 +- 0.5; 3.4		13.9 +- 3.5	
21	268	8.7	13.7 +- 0.4; 2.1		12.6 +- 0.4; 3.3		11.1 +- 3.9	
22	256	8.0	13.5 +- 0.4; 2.0		12.4 +- 0.4; 3.3		12.7 +- 3.9	
23	275	9.0	13.1 +- 0.4; 2.0		12.0 +- 0.4; 3.2		12.1 +- 4.0	
24	285	9.0	Missing Dosimeter		No Net Data		14.2 +- 4.1	
25	293	8.7	17.5 +- 0.5; 2.6		16.1 +- 0.5; 3.6		14.6 +- 3.7	
26	301	8.4	16.2 +- 0.5; 2.4		14.9 +- 0.5; 3.5		13.9 +- 3.7	
27	311	8.3	14.0 +- 0.4; 2.1		12.9 +- 0.5; 3.3		12.7 +- 3.7	
28	327	8.2	16.4 +- 0.5; 2.5		15.1 +- 0.5; 3.5		14.2 +- 3.8	
29	339	9.3	14.5 +- 0.4; 2.2		13.4 +- 0.5; 3.3		13.6 +- 4.0	
30	350	8.7	15.5 +- 0.5; 2.3		14.3 +- 0.5; 3.4		12.7 +- 3.8	
31	359	9.9	13.7 +- 0.4; 2.1		12.6 +- 0.4; 3.3		13.1 +- 3.7	
32	2	18.0	13.8 +- 0.4; 2.1		12.7 +- 0.5; 3.3		13.5 +- 3.9	
33	2	22.0	13.7 +- 0.4; 2.1		12.6 +- 0.5; 3.3		13.6 +- 3.8	
34	18	24.0	14.6 +- 0.4; 2.2		13.4 +- 0.5; 3.3		13.9 +- 4.2	
35	28	22.0	13.2 +- 0.4; 2.0		12.1 +- 0.4; 3.2		13.4 +- 4.5	
36	15	0.3	14.1 +- 0.4; 2.1		12.9 +- 0.5; 3.3		11.8 +- 3.8	
37	228	0.5	15.1 +- 0.5; 2.3		13.9 +- 0.5; 3.4		13.5 +- 4.1	

Transit Dose = 0.3 +- 0.2; 2.8

TURKEY POINT

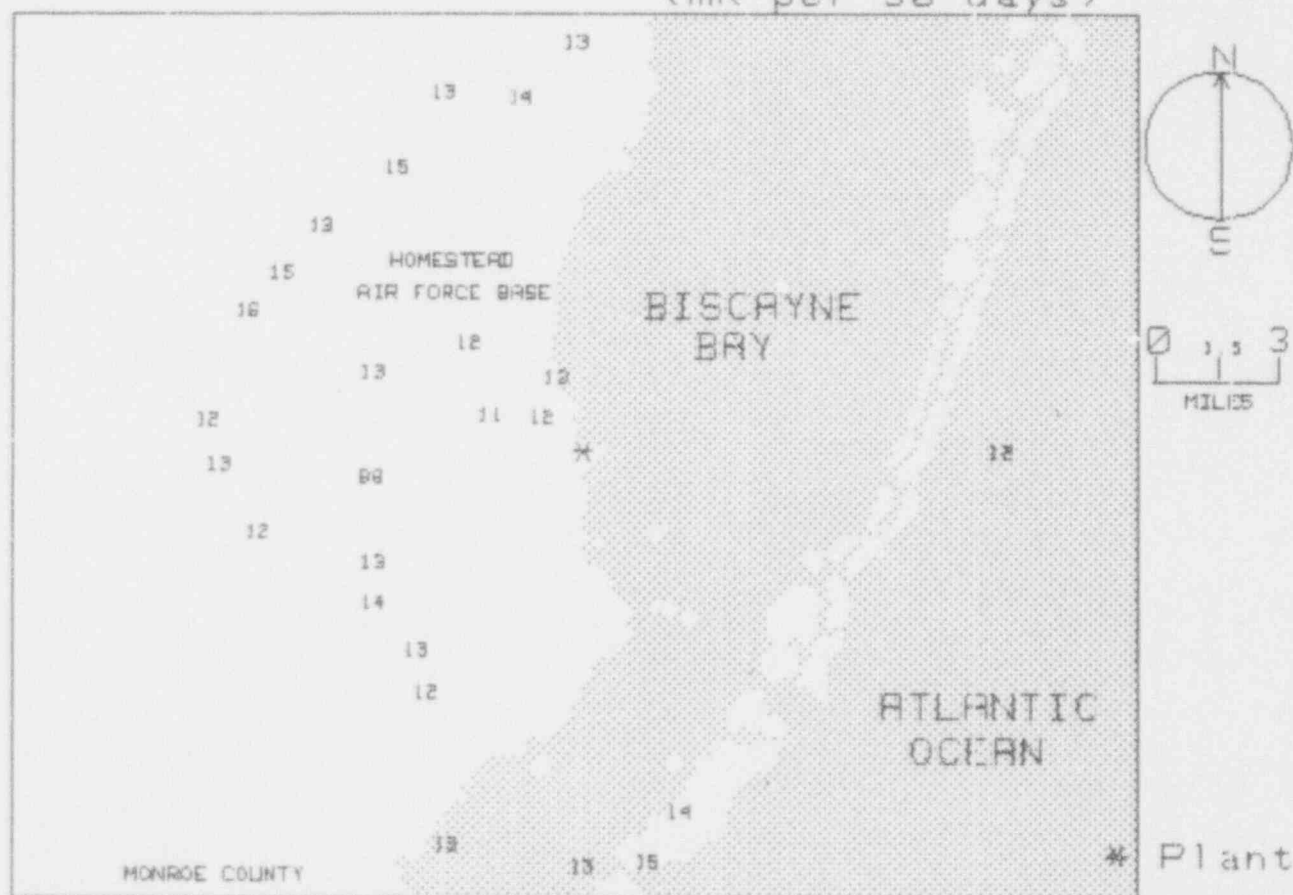
For the period 921208-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	13.6 +- 1.5	5
11.26 - 33.75 NNE	12.8 +- 0.6	3
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	11.6 +- 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	14.2 +- 0.0	1
168.76 - 191.25 S	14.4 +- 1.4	2
191.26 - 213.75 SSW	12.6 +- 0.7	2
213.76 - 236.25 SW	13.7 +- 0.4	3
236.26 - 258.75 WSW	12.9 +- 0.8	2
258.76 - 281.25 W	12.3 +- 0.4	2
281.26 - 303.75 WNW	13.9 +- 2.1	4
303.76 - 326.25 NW	12.3 +- 0.4	3
326.26 - 348.75 NNW	13.8 +- 1.2	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	13.5 +- 1.5	5
2 - 5	11.7 +- 0.5	2
> 5	13.4 +- 1.1	24
Upwind Control	13.7 +- 0.8	2

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



VERMONT YANKEE

TLD Direct Radiation Environmental Monitoring

For the period 921208-930421 135 Days

Field Time: 78 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	142	1.0	18.9 +- 0.6; 2.8	13.7 +- 0.8; 4.7	16.1 +- 3.4
2	158	1.0	20.9 +- 0.6; 3.1	16.0 +- 0.9; 4.9	16.9 +- 1.8
3	184	1.3	19.9 +- 0.6; 3.0	14.9 +- 0.8; 4.8	16.4 +- 1.6
4	201	1.4	19.9 +- 0.6; 3.0	14.8 +- 0.8; 4.8	16.8 +- 1.9
5	220	1.6	18.7 +- 0.6; 2.8	13.5 +- 0.8; 4.7	16.9 +- 1.9
6	157	3.4	20.5 +- 0.6; 3.1	15.6 +- 0.8; 4.9	16.8 +- 2.2
7	189	4.9	19.7 +- 0.6; 3.0	14.6 +- 0.8; 4.8	16.7 +- 1.8
8	201	13.0	19.2 +- 0.6; 2.9	14.1 +- 0.8; 4.7	16.4 +- 1.6
9	208	5.8	20.5 +- 0.6; 3.1	15.5 +- 0.8; 4.9	16.4 +- 1.8
10	232	3.7	21.1 +- 0.6; 3.2	16.3 +- 0.9; 4.9	19.0 +- 2.1
11	277	2.9	20.7 +- 0.6; 3.1	15.8 +- 0.9; 4.9	17.5 +- 2.0
12	292	1.4	19.6 +- 0.6; 2.9	14.6 +- 0.8; 4.8	17.4 +- 2.1
13	314	1.4	19.4 +- 0.6; 2.9	14.3 +- 0.8; 4.7	16.7 +- 1.9
14	310	4.2	19.9 +- 0.6; 3.0	14.9 +- 0.8; 4.8	16.5 +- 1.5
15	299	4.3	19.5 +- 0.6; 2.9	14.4 +- 0.8; 4.7	16.1 +- 3.2
16	270	4.5	18.2 +- 0.5; 2.7	12.8 +- 0.8; 4.6	15.0 +- 1.8
17	331	5.0	21.7 +- 0.7; 3.3	17.0 +- 0.9; 5.0	17.3 +- 1.7
18	290	19.0	20.3 +- 0.6; 3.0	15.3 +- 0.8; 4.8	18.9 +- 1.8
19	290	19.0	19.2 +- 0.6; 2.9	14.0 +- 0.8; 4.7	18.5 +- 1.9
20	290	19.0	18.5 +- 0.6; 2.8	13.3 +- 0.8; 4.6	18.6 +- 1.8
21	359	3.2	19.5 +- 0.6; 2.9	14.4 +- 0.8; 4.7	17.0 +- 1.7
23	334	2.2	18.2 +- 0.5; 2.7	12.9 +- 0.8; 4.6	16.5 +- 1.8
24	4	0.9	20.9 +- 0.6; 3.1	16.0 +- 0.9; 4.9	17.1 +- 1.8
25	30	1.0	18.7 +- 0.6; 2.8	13.4 +- 0.8; 4.6	16.0 +- 1.8
26	72	1.5	21.5 +- 0.6; 3.2	16.7 +- 0.9; 5.0	17.5 +- 1.7
27	44	0.7	19.4 +- 0.6; 2.9	14.3 +- 0.8; 4.7	16.8 +- 1.8
28	39	2.8	19.5 +- 0.6; 2.9	14.4 +- 0.8; 4.7	18.3 +- 2.4
29	25	3.8	21.7 +- 0.7; 3.3	17.0 +- 0.9; 5.0	19.7 +- 2.1
30	72	2.7	22.4 +- 0.7; 3.4	17.8 +- 0.9; 5.1	19.2 +- 2.8
31	85	2.0	20.2 +- 0.6; 3.0	15.2 +- 0.8; 4.8	17.1 +- 1.9
32	111	1.8	21.0 +- 0.6; 3.2	16.2 +- 0.9; 4.9	16.8 +- 1.8
33	134	4.0	Damaged Dosimeter	No Net Data	16.7 +- 1.7
34	151	6.0	19.0 +- 0.6; 2.9	13.8 +- 0.8; 4.7	14.9 +- 1.7
35	111	4.3	21.4 +- 0.6; 3.2	16.6 +- 0.9; 5.0	18.9 +- 1.8
36	92	4.7	21.1 +- 0.6; 3.2	16.2 +- 0.9; 4.9	19.4 +- 1.9
37	50	15.0	24.4 +- 0.7; 3.7	20.0 +- 1.0; 5.4	20.8 +- 1.5
39	222	0.3	21.5 +- 0.6; 3.2	16.7 +- 0.9; 5.0	18.5 +- 1.7
40	250	3.0	20.0 +- 0.6; 3.0	14.9 +- 0.8; 4.8	17.3 +- 1.8

Transit Dose = 7.0 +- 0.4; 2.9

VERMONT YANKEE

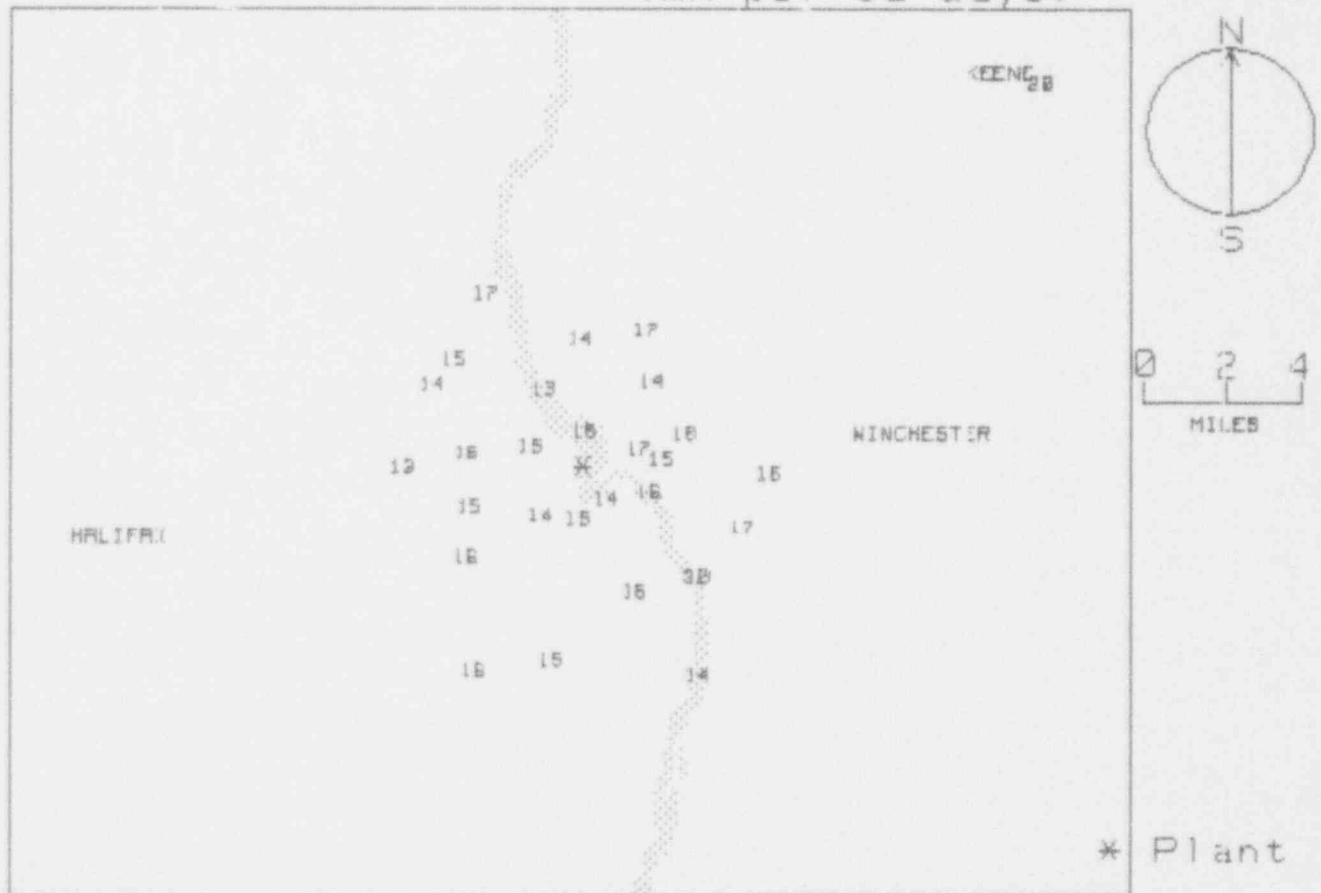
For the period 921208-930421

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 +- 1.1	2
11.26 - 33.75 NNE	15.2 +- 2.5	2
33.76 - 56.25 NE	20.0 +- 0.0	1
56.26 - 78.75 ENE	17.8 +- 0.0	1
78.76 - 101.25 E	15.7 +- 0.7	2
101.26 - 123.75 ESE	16.4 +- 0.3	2
123.76 - 146.25 SE	13.7 +- 0.0	1
146.26 - 168.75 SSE	15.1 +- 1.2	3
168.76 - 191.25 S	14.7 +- 0.2	2
191.26 - 213.75 SSW	14.8 +- 0.7	3
213.76 - 236.25 SW	15.5 +- 1.7	3
236.26 - 258.75 WSW	14.9 +- 0.0	1
258.76 - 281.25 W	14.3 +- 2.1	2
281.26 - 303.75 WNW	14.3 +- 0.7	5
303.76 - 326.25 NW	14.6 +- 0.4	2
326.26 - 348.75 NNW	14.9 +- 2.9	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	14.9 +- 1.1	12
2 - 5	15.4 +- 1.5	15
> 5	15.1 +- 2.3	7
Upwind Control	15.1 +- 1.3	3

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



VOGTLE (GA)

TLD Direct Radiation Environmental Monitoring

For the period 921208-930422 136 Days

Field Time: 82 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	298 1.6	17.4 +- 0.5; 2.6	14.9 +- 0.7; 4.1	14.3 +- 1.8
2	309 1.6	17.5 +- 0.5; 2.6	15.0 +- 0.7; 4.1	14.2 +- 2.1
3	336 1.4	17.3 +- 0.5; 2.6	14.8 +- 0.7; 4.1	14.3 +- 2.8
4	270 1.3	Damaged Dosimeter	No Net Data	14.1 +- 2.1
5	247 1.2	18.4 +- 0.6; 2.8	16.0 +- 0.7; 4.2	14.7 +- 1.9
6	215 1.2	21.7 +- 0.7; 3.3	19.6 +- 0.8; 4.6	18.1 +- 2.1
7	205 1.2	19.0 +- 0.6; 2.9	16.6 +- 0.7; 4.3	17.3 +- 1.7
8	180 1.1	17.4 +- 0.5; 2.6	14.8 +- 0.7; 4.1	17.3 +- 1.7
9	153 1.2	19.6 +- 0.6; 2.9	17.3 +- 0.7; 4.4	15.6 +- 2.2
10	134 3.2	19.8 +- 0.6; 3.0	17.5 +- 0.7; 4.4	17.3 +- 1.9
11	103 1.1	15.0 +- 0.4; 2.2	12.2 +- 0.6; 3.9	12.9 +- 3.2
12	134 3.3	17.6 +- 0.5; 2.6	15.1 +- 0.7; 4.1	14.9 +- 2.1
13	123 4.2	17.7 +- 0.5; 2.6	15.2 +- 0.7; 4.1	15.3 +- 1.8
14	141 4.6	19.4 +- 0.6; 2.9	17.0 +- 0.7; 4.3	14.3 +- 3.7
15	153 5.3	Damaged Dosimeter	No Net Data	13.2 +- 1.8
16	162 6.3	17.3 +- 0.5; 2.6	14.7 +- 0.7; 4.1	15.3 +- 2.4
17	157 7.3	19.7 +- 0.6; 3.0	17.4 +- 0.7; 4.4	18.3 +- 2.4
18	191 4.8	16.9 +- 0.5; 2.5	14.3 +- 0.7; 4.1	13.6 +- 1.9
19	208 4.7	16.4 +- 0.5; 2.5	13.7 +- 0.6; 4.0	12.9 +- 2.1
20	232 4.9	16.4 +- 0.5; 2.5	13.8 +- 0.6; 4.0	13.6 +- 2.1
21	250 5.6	18.4 +- 0.6; 2.8	16.0 +- 0.7; 4.2	14.4 +- 2.0
22	264 4.3	17.9 +- 0.5; 2.7	15.4 +- 0.7; 4.2	14.2 +- 2.1
23	301 4.2	18.5 +- 0.6; 2.8	16.1 +- 0.7; 4.2	14.7 +- 2.0
24	308 4.6	17.4 +- 0.5; 2.6	14.8 +- 0.7; 4.1	14.7 +- 2.8
25	329 6.7	Missing Dosimeter	No Net Data	16.5 +- 3.2
26	258 15.0	19.8 +- 0.6; 3.0	17.5 +- 0.7; 4.4	17.4 +- 2.3
27	300 13.0	19.1 +- 0.6; 2.9	16.7 +- 0.7; 4.3	17.1 +- 1.6
28	330 30.0	16.4 +- 0.5; 2.5	13.8 +- 0.6; 4.0	14.5 +- 2.3

Transit Dose = 3.9 +- 0.3; 2.7

VOGTLE (GA)

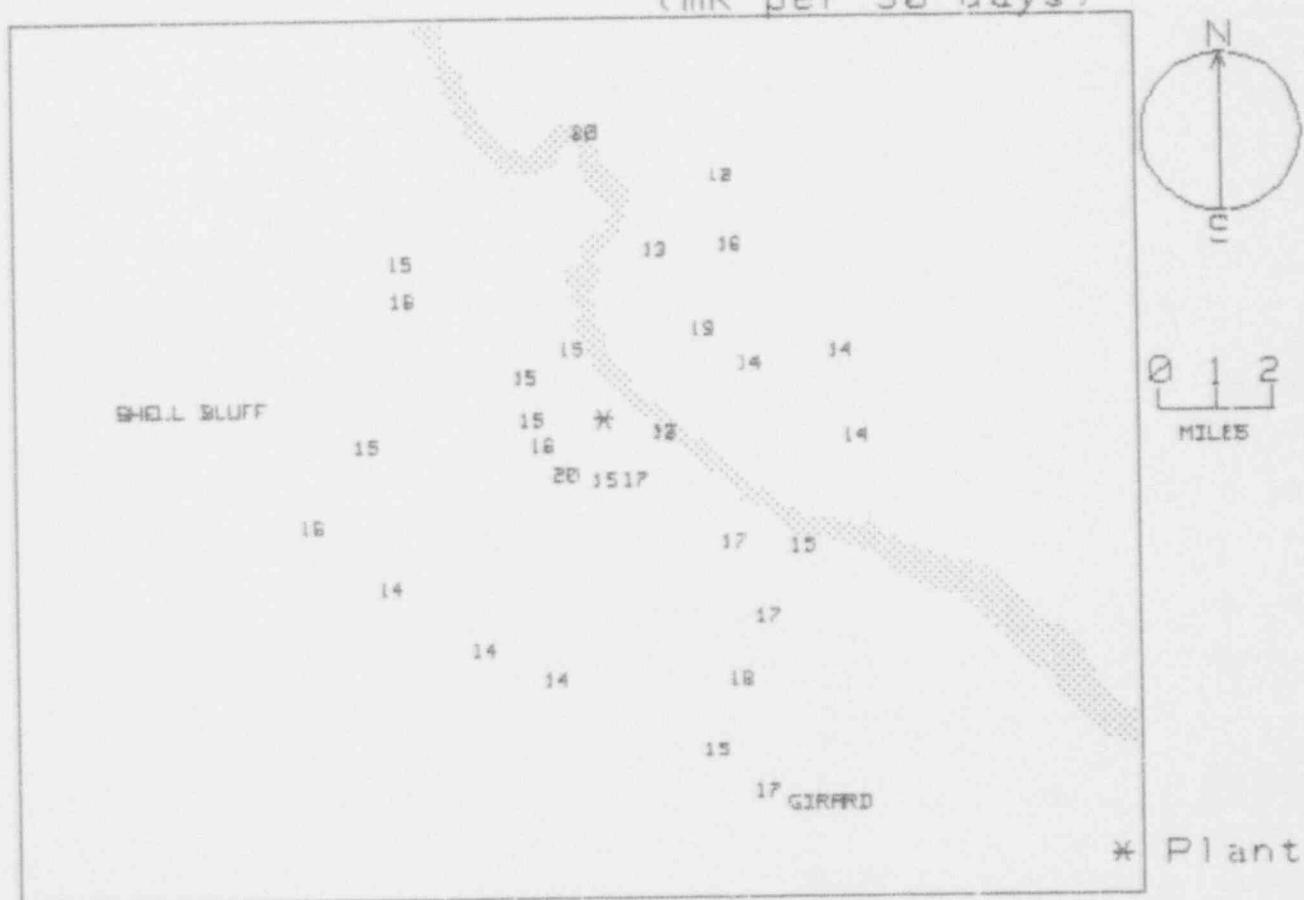
For the period 921208-930422

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	13.7 +- 2.1	2
123.76 - 146.25 SE	16.5 +- 1.3	3
146.26 - 168.75 SSE	16.5 +- 1.5	3
168.76 - 191.25 S	14.6 +- 0.4	2
191.26 - 213.75 SSW	15.2 +- 2.1	2
213.76 - 236.25 SW	16.7 +- 4.1	2
236.26 - 258.75 WSW	16.0 +- 0.0	2
258.76 - 281.25 W	15.4 +- 0.0	1
281.26 - 303.75 WNW	15.5 +- 0.9	2
303.76 - 326.25 NW	14.9 +- 0.1	2
326.26 - 348.75 NNW	14.8 +- 0.0	1

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.7 +- 2.1	9
2 - 5	15.3 +- 1.3	10
> 5	16.0 +- 1.3	3
Upwind Control	16.0 +- 1.9	3

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



VOGTLE (SC)

TLD Direct Radiation Environmental Monitoring

For the period 921208-930422 136 Days

Field Time: 82 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
31	357 5.2	26.1 +- 0.8; 3.9	19.5 +- 1.0; 5.5	17.3 +- 4.1
32	26 4.9	19.5 +- 0.6; 2.9	12.3 +- 0.8; 4.7	12.1 +- 2.9
33	17 3.2	20.3 +- 0.6; 3.0	13.1 +- 0.8; 4.8	12.4 +- 2.7
34	36 3.9	22.5 +- 0.7; 3.4	15.5 +- 0.9; 5.1	13.8 +- 2.6
35	48 2.4	25.8 +- 0.8; 3.9	19.2 +- 1.0; 5.5	18.4 +- 3.1
36	69 2.8	21.1 +- 0.6; 3.2	14.0 +- 0.9; 4.9	14.3 +- 3.0
37	74 4.4	21.0 +- 0.6; 3.1	13.9 +- 0.9; 4.9	14.0 +- 4.7
38	94 4.5	21.4 +- 0.6; 3.2	14.3 +- 0.9; 4.9	13.4 +- 2.9

Transit Dose = 8.3 +- 0.5; 3.1

VOGTLE (SC)

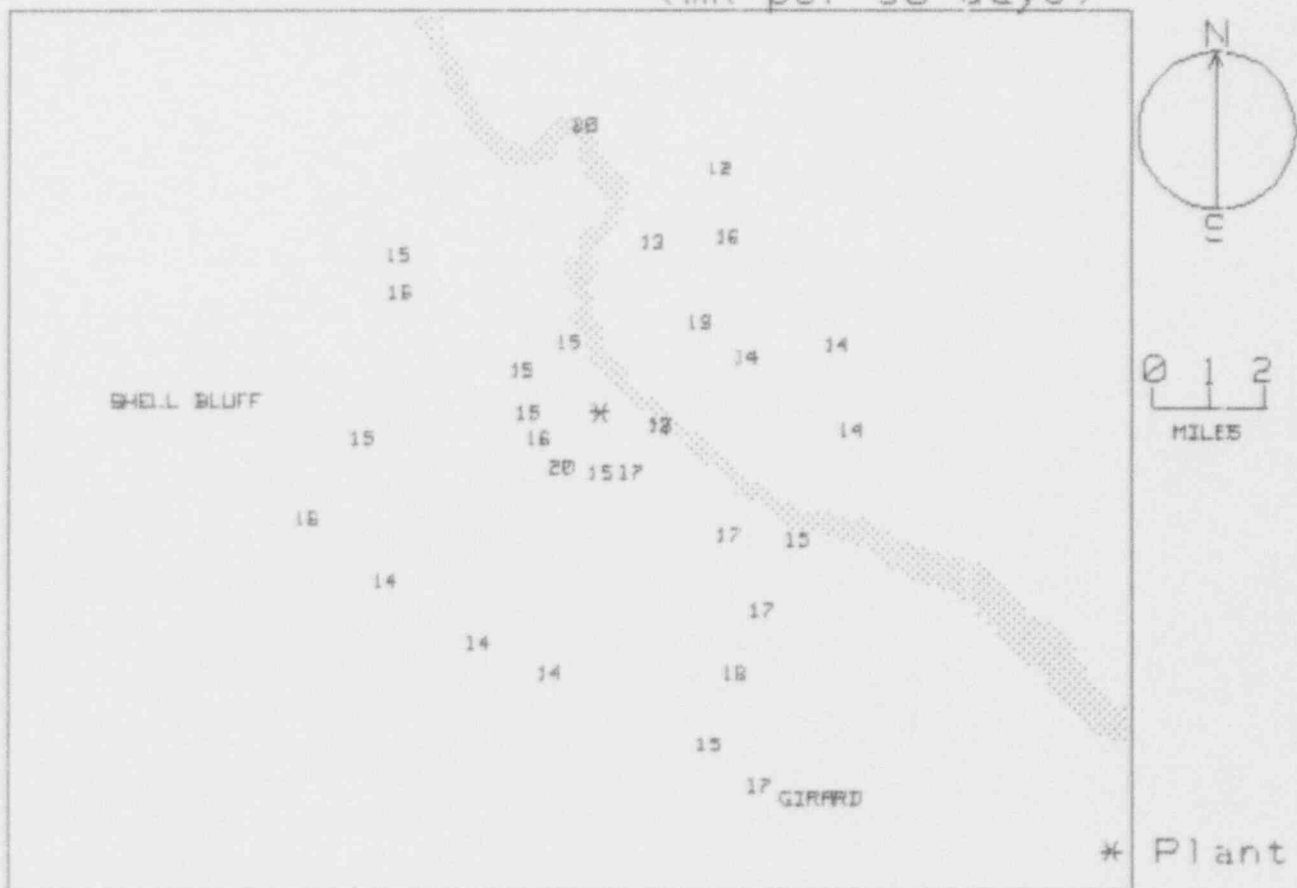
For the period 921208-930422

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	12.7 +- 0.6	2
33.76 - 56.25 NE	17.4 +- 2.6	2
56.26 - 78.75 ENE	13.9 +- 0.1	2
78.76 - 101.25 E	14.3 +- 0.0	1
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	No Data +- No Data	0
2 - 5	14.6 +- 2.3	7
> 5	19.5 +- 0.0	1
Upwind Control	No Data +- No Data	0

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



WASHINGTON NUCLEAR 2

TLD Direct Radiation Environmental Monitoring

For the period 921206-930420 136 Days

Field Time: 79 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	174 12.0	23.1 +- 0.7; 3.5	18.8 +- 0.9; 5.1	17.9 +- 1.0
2	163 11.0	23.1 +- 0.7; 3.5	18.8 +- 0.9; 5.1	17.5 +- 1.1
3	161 9.0	22.6 +- 0.7; 3.4	18.1 +- 0.9; 5.1	17.2 +- 1.0
4	152 5.0	23.7 +- 0.7; 3.6	19.4 +- 0.9; 5.2	18.7 +- 1.1
5	195 2.0	23.3 +- 0.7; 3.5	19.0 +- 0.9; 5.2	17.8 +- 1.0
6	220 1.5	24.0 +- 0.7; 3.6	19.7 +- 0.9; 5.2	17.9 +- 1.5
7	92 3.0	23.0 +- 0.7; 3.4	18.6 +- 0.9; 5.1	19.1 +- 1.4
8	155 1.0	22.6 +- 0.7; 3.4	18.2 +- 0.9; 5.1	17.1 +- 1.5
9	130 0.5	24.0 +- 0.7; 3.6	19.7 +- 0.9; 5.2	18.1 +- 1.2
10	70 0.5	24.6 +- 0.7; 3.7	20.4 +- 1.0; 5.3	18.3 +- 1.5
11	25 0.8	23.1 +- 0.7; 3.5	18.8 +- 0.9; 5.1	18.3 +- 1.1
12	315 0.5	22.8 +- 0.7; 3.4	18.4 +- 0.9; 5.1	18.6 +- 1.5
13	290 0.5	26.9 +- 0.8; 4.0	23.1 +- 1.0; 5.7	22.1 +- 3.1
14	270 0.5	23.5 +- 0.7; 3.5	19.2 +- 0.9; 5.2	18.3 +- 1.3
15	245 1.8	23.9 +- 0.7; 3.6	19.7 +- 0.9; 5.2	18.5 +- 1.1
16	285 3.0	23.5 +- 0.7; 3.5	19.2 +- 0.9; 5.2	19.1 +- 1.4
17	240 4.0	22.8 +- 0.7; 3.4	18.4 +- 0.9; 5.1	17.3 +- 1.3
18	198 7.0	22.8 +- 0.7; 3.4	18.4 +- 0.9; 5.1	17.0 +- 1.5
19	173 8.5	23.4 +- 0.7; 3.5	19.1 +- 0.9; 5.2	18.3 +- 1.2
20	150 20.0	23.6 +- 0.7; 3.5	19.3 +- 0.9; 5.2	18.4 +- 1.1
21	114 7.0	21.5 +- 0.6; 3.2	17.0 +- 0.9; 4.9	18.8 +- 1.6
22	120 8.0	23.2 +- 0.7; 3.5	18.8 +- 0.9; 5.1	17.8 +- 1.1
23	134 6.0	23.8 +- 0.7; 3.6	19.6 +- 0.9; 5.2	20.0 +- 1.4
24	110 4.0	26.6 +- 0.8; 4.0	22.7 +- 1.0; 5.6	21.9 +- 1.4
25	85 5.0	23.7 +- 0.7; 3.6	19.5 +- 0.9; 5.2	18.7 +- 1.4
26	65 5.0	24.9 +- 0.7; 3.7	20.8 +- 1.0; 5.4	20.3 +- 1.6
27	53 4.0	24.2 +- 0.7; 3.6	20.0 +- 0.9; 5.3	17.8 +- 1.3
28	44 8.0	24.5 +- 0.7; 3.7	20.4 +- 1.0; 5.3	19.9 +- 1.7
29	33 10.0	25.4 +- 0.8; 3.8	21.4 +- 1.0; 5.4	18.3 +- 1.9
30	8 9.5	24.7 +- 0.7; 3.7	20.6 +- 1.0; 5.4	19.6 +- 1.6
31	215 15.0	22.5 +- 0.7; 3.4	18.1 +- 0.9; 5.1	17.5 +- 1.4

Transit Dose = 6.6 +- 0.4; 2.9

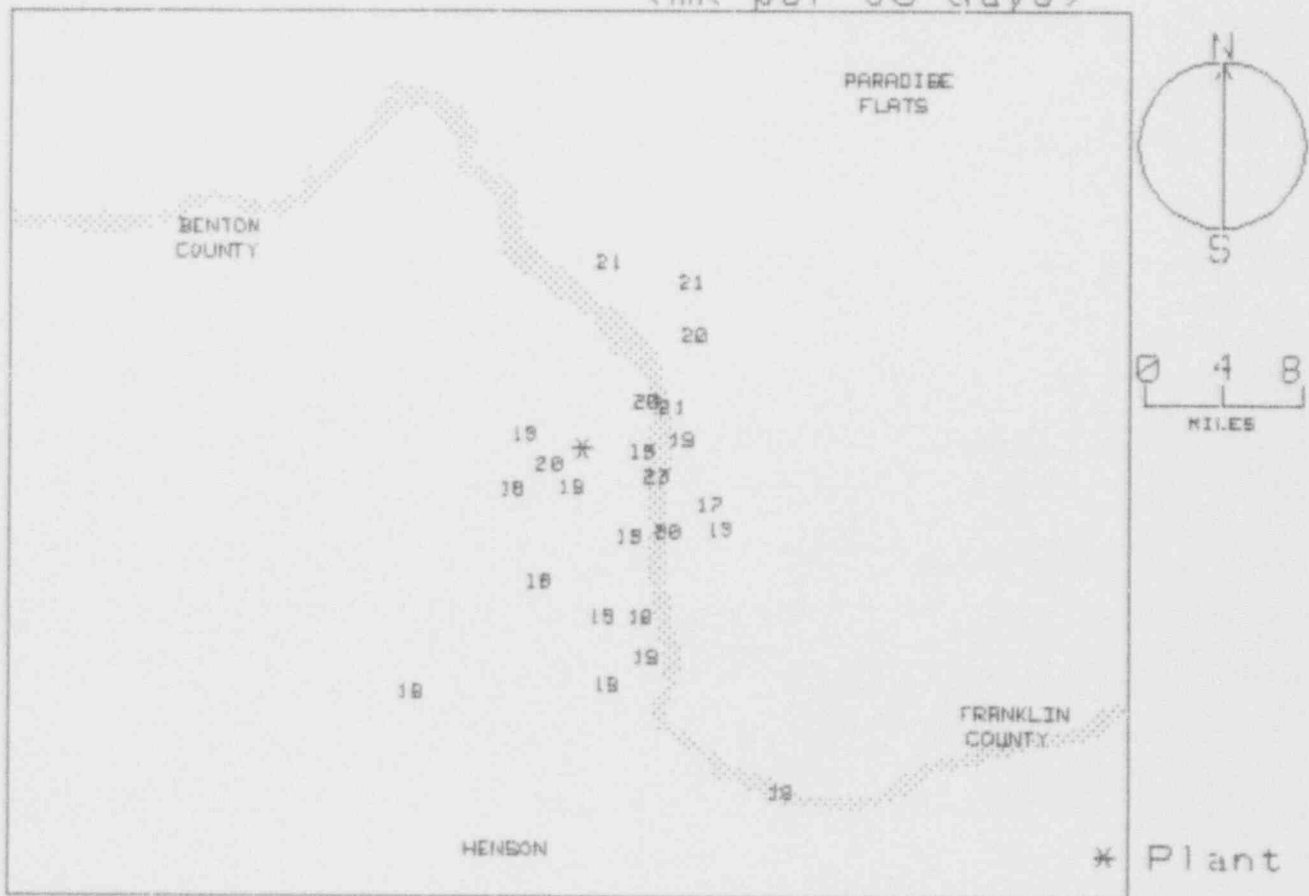
WASHINGTON NUCLEAR 2
For the period 921206-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	20.6 +- 0.0	1
11.26 - 33.75 NNE	20.1 +- 1.8	2
33.76 - 56.25 NE	20.2 +- 0.3	2
56.26 - 78.75 ENE	20.6 +- 0.2	2
78.76 - 101.25 E	19.0 +- 0.6	2
101.26 - 123.75 ESE	19.5 +- 2.9	3
123.76 - 146.25 SE	19.7 +- 0.1	2
146.26 - 168.75 SSE	18.8 +- 0.6	5
168.76 - 191.25 S	19.1 +- 0.0	1
191.26 - 213.75 SSW	18.7 +- 0.5	2
213.76 - 236.25 SW	19.7 +- 0.0	1
236.26 - 258.75 WSW	19.1 +- 0.9	2
258.76 - 281.25 W	19.2 +- 0.0	1
281.26 - 303.75 WNW	21.2 +- 2.8	2
303.76 - 326.25 NW	18.4 +- 0.0	1
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	19.6 +- 1.4	10
2 - 5	19.8 +- 1.4	8
> 5	19.2 +- 1.2	11
Upwind Control	18.4 +- 0.5	2

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



WATERFORD

TLD Direct Radiation Environmental Monitoring

For the period 921206-930427 143 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	101 0.4	20.4 +- 0.6; 3.1	16.7 +- 0.7; 4.2	16.0 +- 2.6
2	116 1.1	17.0 +- 0.5; 2.5	13.3 +- 0.6; 3.9	16.0 +- 2.7
3	132 1.3	21.1 +- 0.6; 3.2	17.5 +- 0.7; 4.3	17.9 +- 2.8
4	160 1.8	19.9 +- 0.6; 3.0	16.3 +- 0.7; 4.2	15.9 +- 2.6
5	183 1.4	19.8 +- 0.6; 3.0	16.2 +- 0.7; 4.2	15.3 +- 2.5
6	202 1.2	19.8 +- 0.6; 3.0	16.2 +- 0.7; 4.2	16.2 +- 2.9
7	226 1.2	19.8 +- 0.6; 3.0	16.2 +- 0.7; 4.2	15.5 +- 2.5
8	248 1.3	19.8 +- 0.6; 3.0	16.2 +- 0.7; 4.2	17.5 +- 2.5
9	265 1.9	16.4 +- 0.5; 2.5	12.7 +- 0.6; 3.8	15.2 +- 2.8
10	186 4.2	Missing Dosimeter	No Net Data	17.2 +- 2.6
11	315 4.4	18.3 +- 0.5; 2.7	14.7 +- 0.6; 4.0	16.7 +- 2.6
12	328 4.1	19.8 +- 0.6; 3.0	16.2 +- 0.7; 4.2	17.4 +- 2.7
13	309 0.8	18.9 +- 0.6; 2.8	15.3 +- 0.7; 4.1	15.4 +- 2.5
14	273 0.9	Missing Dosimeter	No Net Data	17.8 +- 3.2
15	292 0.8	16.3 +- 0.5; 2.4	12.6 +- 0.6; 3.8	14.4 +- 2.8
16	335 0.5	17.9 +- 0.5; 2.7	14.3 +- 0.6; 4.0	13.9 +- 2.4
17	120 4.3	18.6 +- 0.6; 2.8	15.0 +- 0.6; 4.0	13.8 +- 2.7
18	145 3.5	19.4 +- 0.6; 2.9	15.7 +- 0.7; 4.1	14.5 +- 1.6
19	153 8.1	20.6 +- 0.6; 3.1	16.9 +- 0.7; 4.2	16.4 +- 2.8
20	133 8.1	19.5 +- 0.6; 2.9	15.9 +- 0.7; 4.1	16.6 +- 2.7
21	116 6.7	19.1 +- 0.6; 2.9	15.5 +- 0.7; 4.1	15.2 +- 2.8
22	95 4.3	19.1 +- 0.6; 2.9	15.5 +- 0.7; 4.1	15.7 +- 2.6
23	86 2.6	18.1 +- 0.5; 2.7	14.5 +- 0.6; 4.0	15.5 +- 2.7
24	66 4.2	21.7 +- 0.7; 3.3	18.1 +- 0.7; 4.4	18.5 +- 2.8
25	37 3.5	20.0 +- 0.6; 3.0	16.4 +- 0.7; 4.2	17.0 +- 2.7
26	23 3.8	18.5 +- 0.6; 2.8	14.8 +- 0.6; 4.0	14.5 +- 2.8
27	350 4.9	19.5 +- 0.6; 2.9	15.9 +- 0.7; 4.1	15.6 +- 2.6
28	335 5.0	18.1 +- 0.5; 2.7	14.5 +- 0.6; 4.0	16.1 +- 2.7
29	6 2.8	18.5 +- 0.6; 2.8	14.9 +- 0.6; 4.0	14.4 +- 2.8
30	356 1.1	21.1 +- 0.6; 3.2	17.5 +- 0.7; 4.3	15.3 +- 2.9
31	15 0.8	18.7 +- 0.6; 2.8	15.1 +- 0.7; 4.0	16.7 +- 2.9
32	40 0.8	Damaged Dosimeter	No Net Data	14.7 +- 3.0
33	69 1.1	20.7 +- 0.6; 3.1	17.1 +- 0.7; 4.3	16.1 +- 3.9
34	292 15.0	19.7 +- 0.6; 3.0	16.1 +- 0.7; 4.1	16.0 +- 3.0
35	282 27.0	22.5 +- 0.7; 3.4	18.9 +- 0.8; 4.5	17.9 +- 3.0
36	268 21.0	19.1 +- 0.6; 2.9	15.4 +- 0.7; 4.1	14.9 +- 2.9

Transit Dose = 3.7 +- 0.3; 2.9

WATERFORD

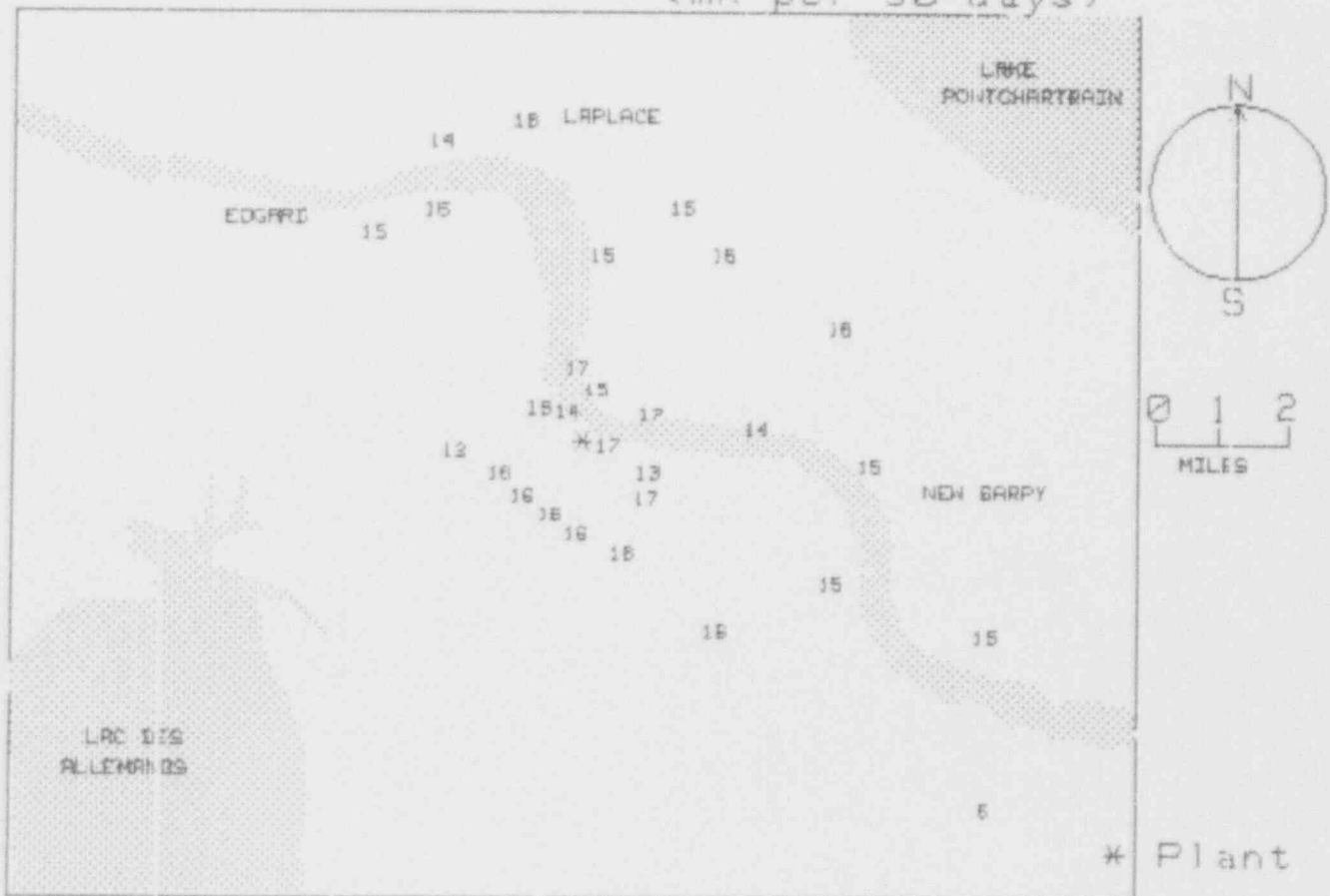
For the period 921206-930427

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 +- 1.3	3
11.26 - 33.75 NNE	14.9 +- 0.2	2
33.76 - 56.25 NE	16.4 +- 0.0	1
56.26 - 78.75 ENE	17.6 +- 0.7	2
78.76 - 101.25 E	15.6 +- 1.1	3
101.26 - 123.75 ESE	14.6 +- 1.1	3
123.76 - 146.25 SE	16.4 +- 1.0	3
146.26 - 168.75 SSE	16.6 +- 0.5	2
168.76 - 191.25 S	16.2 +- 0.0	1
191.26 - 213.75 SSW	16.2 +- 0.0	1
213.76 - 236.25 SW	16.2 +- 0.0	1
236.26 - 258.75 WSW	16.2 +- 0.0	1
258.76 - 281.25 W	12.7 +- 0.0	1
281.26 - 303.75 WNW	12.6 +- 0.0	1
303.76 - 326.25 NW	15.0 +- 0.4	2
326.26 - 348.75 NNW	15.0 +- 1.0	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.5 +- 1.6	15
2 - 5	15.5 +- 1.0	12
> 5	16.1 +- 0.8	3
Upwind Control	16.8 +- 1.8	3

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



WATTS BAR

TLD Direct Radiation Environmental Monitoring

For the period 921208-930415 129 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	337	0.9	20.4 +- 0.6; 3.1		17.8 +- 0.7; 4.4		17.1 +- 2.4	
2	314	2.1	20.1 +- 0.6; 3.0		17.5 +- 0.7; 4.3		17.3 +- 2.5	
3	297	1.9	20.7 +- 0.6; 3.1		18.2 +- 0.7; 4.4		17.3 +- 2.7	
4	272	2.0	19.0 +- 0.6; 2.8		16.3 +- 0.7; 4.2		16.6 +- 2.6	
5	251	1.9	21.6 +- 0.6; 3.2		19.1 +- 0.8; 4.5		19.0 +- 2.5	
6	235	1.8	21.7 +- 0.7; 3.3		19.2 +- 0.8; 4.5		20.7 +- 3.0	
7	230	3.8	21.0 +- 0.6; 3.2		18.5 +- 0.7; 4.4		19.4 +- 2.9	
8	208	3.6	20.6 +- 0.6; 3.1		18.0 +- 0.7; 4.4		18.0 +- 2.7	
9	249	4.2	17.4 +- 0.5; 2.6		14.6 +- 0.6; 4.0		15.4 +- 2.4	
10	266	3.1	19.8 +- 0.6; 3.0		17.2 +- 0.7; 4.3		16.6 +- 2.4	
11	289	3.3	16.8 +- 0.5; 2.5		14.1 +- 0.6; 4.0		14.3 +- 2.4	
12	310	4.7	16.2 +- 0.5; 2.4		13.3 +- 0.6; 3.9		14.7 +- 2.5	
13	337	3.6	17.1 +- 0.5; 2.6		14.4 +- 0.6; 4.0		15.4 +- 2.8	
14	330	7.0	17.3 +- 0.5; 2.6		14.6 +- 0.6; 4.0		15.2 +- 2.4	
15	350	4.7	21.6 +- 0.6; 3.2		19.2 +- 0.8; 4.5		18.5 +- 2.8	
16	7	1.1	23.4 +- 0.7; 3.5		21.0 +- 0.8; 4.7		19.9 +- 2.7	
17	23	1.6	15.5 +- 0.5; 2.3		12.7 +- 0.6; 3.8		13.1 +- 2.2	
18	41	2.3	18.1 +- 0.5; 2.7		15.4 +- 0.7; 4.1		16.1 +- 2.7	
19	69	1.3	20.8 +- 0.6; 3.1		18.2 +- 0.7; 4.4		18.7 +- 2.2	
20	89	1.2	19.8 +- 0.6; 3.0		17.2 +- 0.7; 4.3		20.4 +- 2.7	
21	114	1.1	18.2 +- 0.5; 2.7		15.5 +- 0.7; 4.1		15.7 +- 2.5	
22	141	1.0	21.2 +- 0.6; 3.2		18.7 +- 0.8; 4.5		19.2 +- 2.4	
23	163	1.1	23.4 +- 0.7; 3.5		21.1 +- 0.8; 4.7		21.9 +- 2.6	
24	187	1.1	18.6 +- 0.6; 2.8		16.0 +- 0.7; 4.2		18.2 +- 2.7	
25	203	1.2	17.3 +- 0.5; 2.6		14.6 +- 0.6; 4.0		18.6 +- 2.7	
26	184	5.9	21.1 +- 0.6; 3.2		18.6 +- 0.7; 4.4		17.7 +- 3.1	
27	176	4.5	20.4 +- 0.6; 3.1		17.8 +- 0.7; 4.4		17.3 +- 2.6	
28	161	3.5	19.5 +- 0.6; 2.9		16.9 +- 0.7; 4.3		16.1 +- 2.3	
29	144	3.0	18.4 +- 0.6; 2.8		15.8 +- 0.7; 4.1		16.7 +- 2.6	
30	117	3.1	18.9 +- 0.6; 2.8		16.3 +- 0.7; 4.2		15.8 +- 2.8	
31	97	4.0	19.1 +- 0.6; 2.9		16.5 +- 0.7; 4.2		16.2 +- 2.6	
32	76	4.1	17.3 +- 0.5; 2.6		14.6 +- 0.6; 4.0		13.7 +- 2.4	
33	32	4.1	19.1 +- 0.6; 2.9		16.4 +- 0.7; 4.2		16.9 +- 2.6	
34	36	4.7	16.3 +- 0.5; 2.4		13.5 +- 0.6; 3.9		13.8 +- 2.4	
35	38	19.0	18.6 +- 0.6; 2.8		16.0 +- 0.7; 4.2		15.5 +- 2.5	
36	38	19.0	21.3 +- 0.6; 3.2		18.8 +- 0.8; 4.5		16.5 +- 4.1	
37	38	19.0	19.9 +- 0.6; 3.0		17.3 +- 0.7; 4.3		17.1 +- 2.5	

Transit Dose = 3.6 +- 0.3; 2.8

WATTS BAR

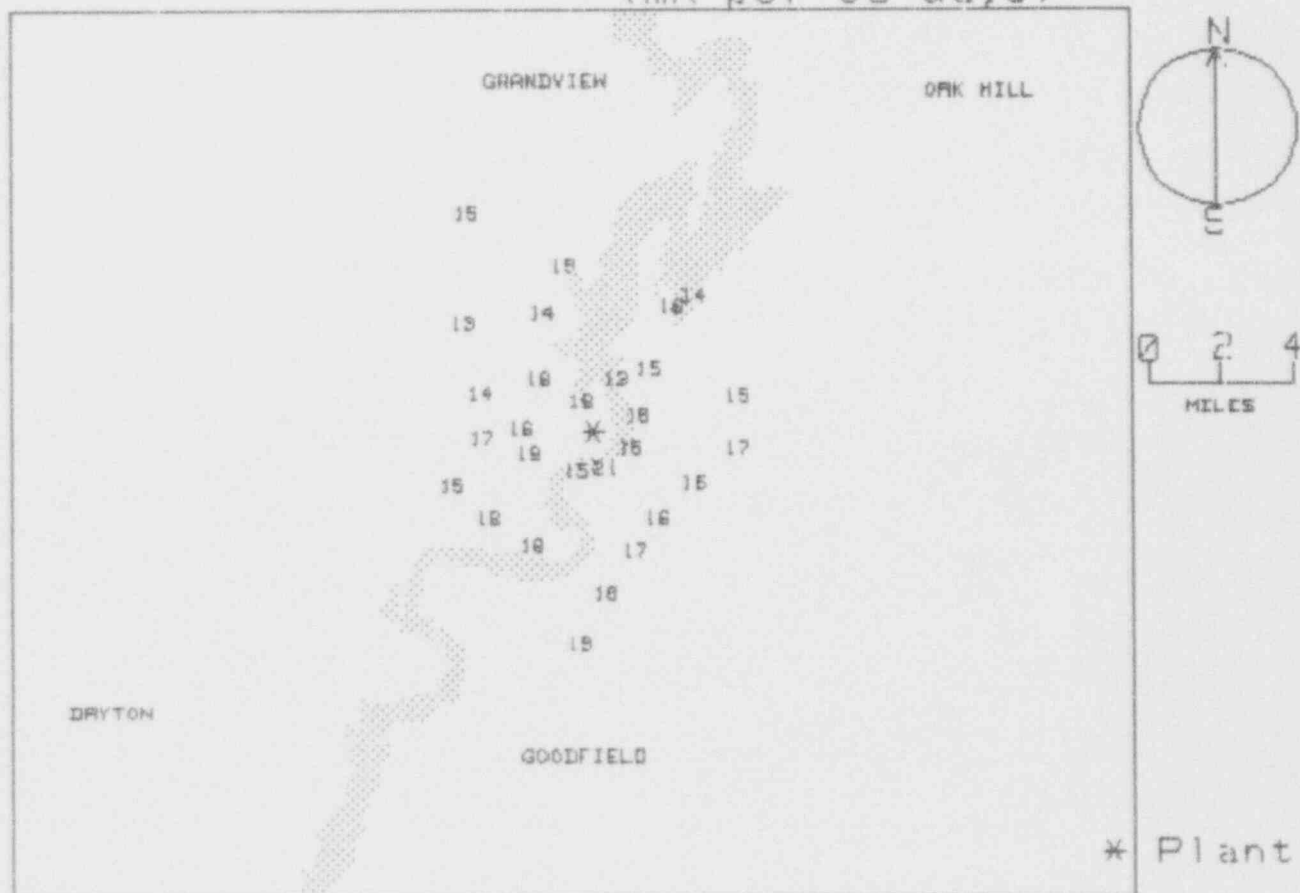
For the period 921208-930415

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 +- 1.3	2
11.26 - 33.75 NNE	14.6 +- 2.6	2
33.76 - 56.25 NE	14.5 +- 1.4	2
56.26 - 78.75 ENE	16.4 +- 2.6	2
78.76 - 101.25 E	16.9 +- 0.5	2
101.26 - 123.75 ESE	15.9 +- 0.5	2
123.76 - 146.25 SE	17.2 +- 2.1	2
146.26 - 168.75 SSE	19.0 +- 2.9	2
168.76 - 191.25 S	17.5 +- 1.3	3
191.26 - 213.75 SSW	16.3 +- 2.4	2
213.76 - 236.25 SW	18.9 +- 0.5	2
236.26 - 258.75 WSW	16.9 +- 3.2	2
258.76 - 281.25 W	16.8 +- 0.7	2
281.26 - 303.75 WNW	16.1 +- 2.9	2
303.76 - 326.25 NW	15.4 +- 3.0	2
326.26 - 348.75 NNW	15.6 +- 1.9	3

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.5 +- 2.4	14
2 - 5	16.1 +- 1.8	18
> 5	16.6 +- 2.8	2
Upwind Control	17.4 +- 1.4	3

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



WOLF CREEK

TLD Direct Radiation Environmental Monitoring

For the period 921206-930420 136 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	316 2.9	23.5 +- 0.7; 3.5	17.3 +- 0.8; 4.6	19.7 +- 2.0
2	330 1.8	21.8 +- 0.7; 3.3	15.7 +- 0.7; 4.4	18.6 +- 1.8
3	360 2.8	23.5 +- 0.7; 3.5	17.4 +- 0.8; 4.6	18.9 +- 1.9
4	355 1.6	24.6 +- 0.7; 3.7	18.5 +- 0.8; 4.8	19.6 +- 2.1
5	31 1.8	25.3 +- 0.8; 3.8	19.1 +- 0.8; 4.8	19.6 +- 2.2
6	47 2.0	23.1 +- 0.7; 3.5	16.9 +- 0.8; 4.6	17.4 +- 2.2
7	70 1.6	22.3 +- 0.7; 3.3	16.2 +- 0.8; 4.5	18.3 +- 2.0
8	90 1.7	24.7 +- 0.7; 3.7	18.5 +- 0.8; 4.8	20.2 +- 2.0
9	111 2.4	23.7 +- 0.7; 3.6	17.5 +- 0.8; 4.6	19.7 +- 1.9
10	137 2.5	23.5 +- 0.7; 3.5	17.3 +- 0.8; 4.6	19.2 +- 1.9
11	157 3.4	25.3 +- 0.8; 3.8	19.1 +- 0.8; 4.8	20.7 +- 1.9
12	184 3.3	23.9 +- 0.7; 3.6	17.7 +- 0.8; 4.7	20.1 +- 1.9
13	213 2.9	23.4 +- 0.7; 3.5	17.2 +- 0.8; 4.6	19.8 +- 2.0
14	233 2.4	23.1 +- 0.7; 3.5	17.0 +- 0.8; 4.6	19.9 +- 2.0
15	248 2.2	23.6 +- 0.7; 3.5	17.4 +- 0.8; 4.6	19.5 +- 1.9
16	278 2.1	24.7 +- 0.7; 3.7	18.5 +- 0.8; 4.8	19.8 +- 1.7
17	270 3.4	20.1 +- 0.6; 3.0	14.0 +- 0.7; 4.3	16.2 +- 1.7
18	263 4.2	24.8 +- 0.7; 3.7	18.6 +- 0.8; 4.8	21.5 +- 2.0
19	257 5.0	25.1 +- 0.8; 3.8	18.9 +- 0.8; 4.8	19.6 +- 2.1
20	280 3.9	22.1 +- 0.7; 3.3	16.0 +- 0.8; 4.5	18.4 +- 1.5
21	298 3.9	24.4 +- 0.7; 3.7	18.2 +- 0.8; 4.7	19.9 +- 1.8
22	319 4.8	21.6 +- 0.6; 3.2	15.5 +- 0.7; 4.4	18.2 +- 2.2
23	332 5.0	21.2 +- 0.6; 3.2	15.1 +- 0.7; 4.4	19.4 +- 1.8
24	19 3.9	24.3 +- 0.7; 3.6	18.1 +- 0.8; 4.7	19.7 +- 1.8
25	35 4.4	22.4 +- 0.7; 3.4	16.3 +- 0.8; 4.5	17.1 +- 1.7
26	67 4.3	21.4 +- 0.6; 3.2	15.3 +- 0.7; 4.4	18.4 +- 1.9
27	88 4.1	21.9 +- 0.7; 3.3	15.7 +- 0.8; 4.5	19.5 +- 2.1
28	110 4.5	24.6 +- 0.7; 3.7	18.4 +- 0.8; 4.7	19.8 +- 1.8
29	128 4.4	23.9 +- 0.7; 3.6	17.8 +- 0.8; 4.7	20.5 +- 2.1
30	112 16.0	21.6 +- 0.6; 3.2	15.4 +- 0.7; 4.4	17.6 +- 2.0
31	127 9.4	22.1 +- 0.7; 3.3	16.0 +- 0.8; 4.5	17.1 +- 1.9
32	62 11.0	21.8 +- 0.7; 3.3	15.7 +- 0.7; 4.4	17.6 +- 2.1
33	153 5.2	22.2 +- 0.7; 3.3	16.0 +- 0.8; 4.5	19.2 +- 1.9
34	174 4.7	Missing Dosimeter	No Net Data	20.3 +- 1.9
35	197 5.2	24.2 +- 0.7; 3.6	18.0 +- 0.8; 4.7	20.5 +- 2.1
36	224 4.8	23.3 +- 0.7; 3.5	17.1 +- 0.8; 4.6	18.3 +- 1.8
37	220 14.0	21.3 +- 0.6; 3.2	15.2 +- 0.7; 4.4	15.6 +- 1.6
38	253 6.5	24.6 +- 0.7; 3.7	18.4 +- 0.8; 4.7	19.9 +- 2.4
39	278 10.0	23.9 +- 0.7; 3.6	17.8 +- 0.8; 4.7	19.0 +- 2.1
40	285 15.0	21.4 +- 0.6; 3.2	15.3 +- 0.7; 4.4	16.9 +- 1.7
41	292 6.7	22.9 +- 0.7; 3.4	16.7 +- 0.8; 4.6	18.4 +- 2.1
42	345 13.0	24.3 +- 0.7; 3.6	18.1 +- 0.8; 4.7	20.4 +- 1.9
43	5 7.5	25.0 +- 0.7; 3.7	18.8 +- 0.8; 4.8	19.8 +- 1.9
44	20 8.3	24.4 +- 0.7; 3.7	18.2 +- 0.8; 4.7	20.0 +- 1.7
45	315 7.5	26.1 +- 0.8; 3.9	19.9 +- 0.9; 4.9	21.1 +- 1.9
46	341 7.7	24.8 +- 0.7; 3.7	18.6 +- 0.8; 4.8	20.1 +- 1.3
47	355 1.0	23.1 +- 0.7; 3.5	16.9 +- 0.8; 4.6	18.3 +- 1.4

Transit Dose = 5.8 +- 0.4; 3.2

WOLF CREEK

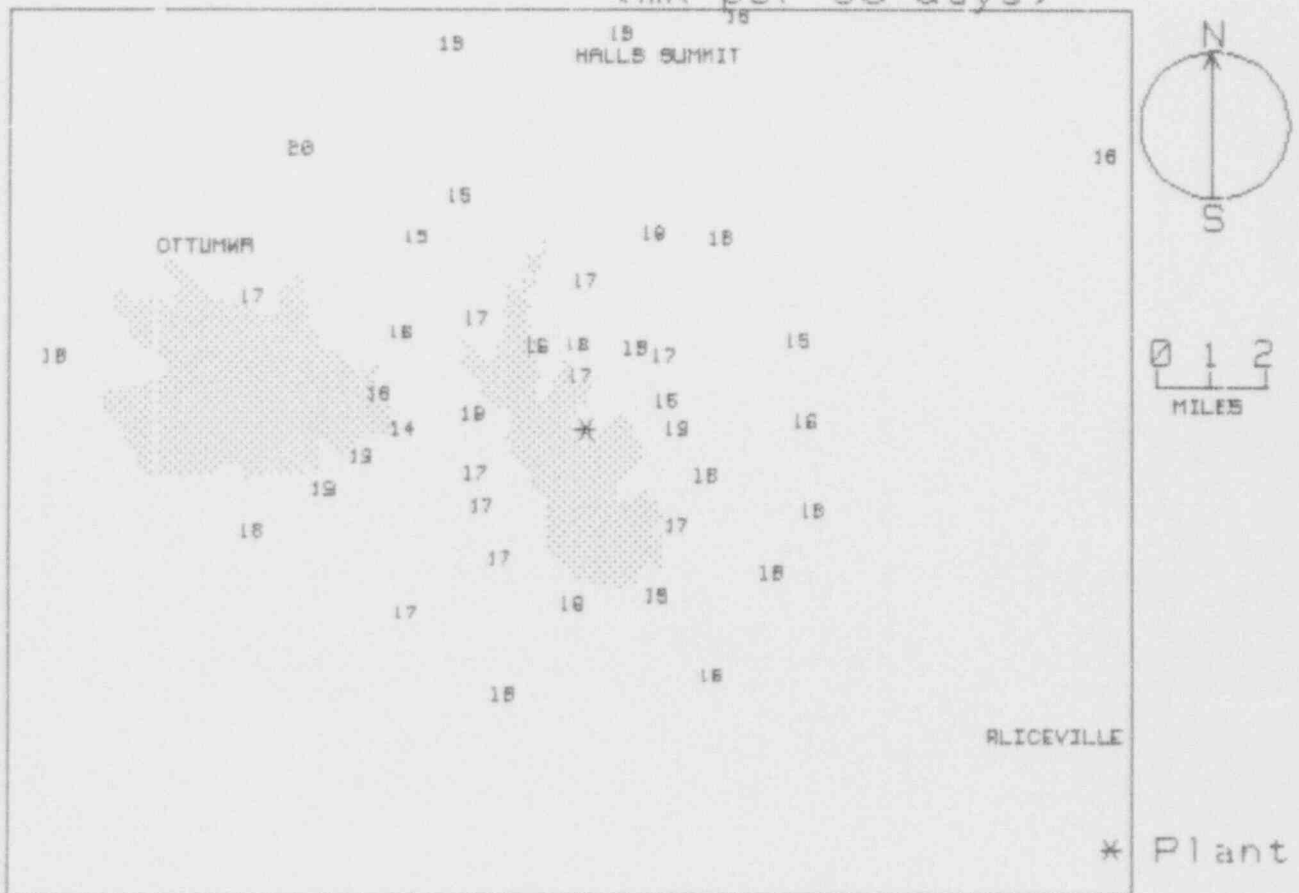
For the period 921206-930420

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	17.9 +- 0.9	4
11.26 - 33.75 NNE	18.5 +- 0.6	3
33.76 - 56.25 NE	16.6 +- 0.4	2
56.26 - 78.75 ENE	15.7 +- 0.4	3
78.76 - 101.25 E	17.1 +- 2.0	2
101.26 - 123.75 ESE	17.1 +- 1.5	3
123.76 - 146.25 SE	17.0 +- 0.9	3
146.26 - 168.75 SSE	17.6 +- 2.2	2
168.76 - 191.25 S	17.7 +- 0.0	1
191.26 - 213.75 SSW	17.6 +- 0.6	2
213.76 - 236.25 SW	16.4 +- 1.1	3
236.26 - 258.75 WSW	18.2 +- 0.7	3
258.76 - 281.25 W	17.0 +- 2.0	5
281.26 - 303.75 WNW	16.7 +- 1.4	3
303.76 - 326.25 NW	17.5 +- 2.2	3
326.26 - 348.75 NNW	16.9 +- 1.8	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	17.4 +- 1.3	7
2 - 5	17.1 +- 1.3	24
> 5	17.2 +- 1.5	15
Upwind Control	No Data +- No Data	0

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



YANKEE ROWE

TLD Direct Radiation Environmental Monitoring

For the period 921209-930427 140 Days

Field Time: 99 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	0 0.8	19.4 +- 0.6; 2.9	15.2 +- 0.6; 3.9	19.0 +- 2.1
2	265 14.0	19.5 +- 0.6; 2.9	15.3 +- 0.6; 3.9	16.2 +- 2.1
3	137 12.0	20.8 +- 0.6; 3.1	16.5 +- 0.6; 4.0	16.1 +- 2.0
5	85 2.2	18.3 +- 0.5; 2.7	14.2 +- 0.6; 3.8	15.2 +- 1.9
6	118 2.6	17.9 +- 0.5; 2.7	13.9 +- 0.6; 3.7	15.5 +- 1.8
7	137 2.1	19.7 +- 0.6; 3.0	15.6 +- 0.6; 3.9	17.2 +- 1.9
8	153 1.7	Missing Dosimeter	No Net Data	16.0 +- 1.5
9	176 1.1	19.5 +- 0.6; 2.9	15.3 +- 0.6; 3.9	15.8 +- 1.7
10	203 0.5	19.3 +- 0.6; 2.9	15.2 +- 0.6; 3.8	16.6 +- 2.2
11	219 0.6	19.0 +- 0.6; 2.9	14.9 +- 0.6; 3.8	16.7 +- 1.7
12	239 1.1	21.7 +- 0.7; 3.3	17.4 +- 0.7; 4.1	19.9 +- 2.4
13	272 1.8	18.6 +- 0.6; 2.8	14.5 +- 0.6; 3.8	17.6 +- 2.5
14	292 1.3	19.5 +- 0.6; 2.9	15.4 +- 0.6; 3.9	17.9 +- 2.3
15	315 1.6	20.5 +- 0.6; 3.1	16.2 +- 0.6; 4.0	18.2 +- 2.3
16	348 1.4	20.0 +- 0.6; 3.0	15.8 +- 0.6; 3.9	17.7 +- 2.0
17	358 2.8	18.3 +- 0.5; 2.7	14.2 +- 0.6; 3.8	16.7 +- 2.3
18	21 2.8	20.7 +- 0.6; 3.1	16.4 +- 0.6; 4.0	15.3 +- 2.0
19	43 5.8	20.5 +- 0.6; 3.1	16.3 +- 0.6; 4.0	16.6 +- 1.7
20	75 6.0	20.3 +- 0.6; 3.0	16.1 +- 0.6; 3.9	17.7 +- 2.0
21	98 6.0	17.8 +- 0.5; 2.7	13.8 +- 0.6; 3.7	14.8 +- 1.7
22	104 5.2	16.6 +- 0.5; 2.5	12.7 +- 0.5; 3.6	13.6 +- 1.6
23	133 5.7	16.9 +- 0.5; 2.5	13.0 +- 0.5; 3.6	13.4 +- 1.6
24	157 7.5	18.3 +- 0.5; 2.7	14.2 +- 0.6; 3.8	14.2 +- 2.1
25	184 6.3	18.2 +- 0.5; 2.7	14.2 +- 0.6; 3.7	16.3 +- 2.0
27	225 5.9	19.9 +- 0.6; 3.0	15.7 +- 0.6; 3.9	17.2 +- 2.3
29	269 3.5	19.9 +- 0.6; 3.0	15.7 +- 0.6; 3.9	17.2 +- 2.2
32	342 3.3	19.9 +- 0.6; 3.0	15.7 +- 0.6; 3.9	17.1 +- 1.9
34	48 7.3	20.2 +- 0.6; 3.0	16.0 +- 0.6; 3.9	17.3 +- 2.0
35	39 2.3	Missing Dosimeter	No Net Data	14.5 +- 1.9
47	260 9.6	20.6 +- 0.6; 3.1	16.4 +- 0.6; 4.0	16.6 +- 1.7
48	261 9.0	21.4 +- 0.6; 3.2	17.1 +- 0.7; 4.0	18.5 +- 1.9

Transit Dose = 2.6 +- 0.3; 3.1

YANKEE ROWE

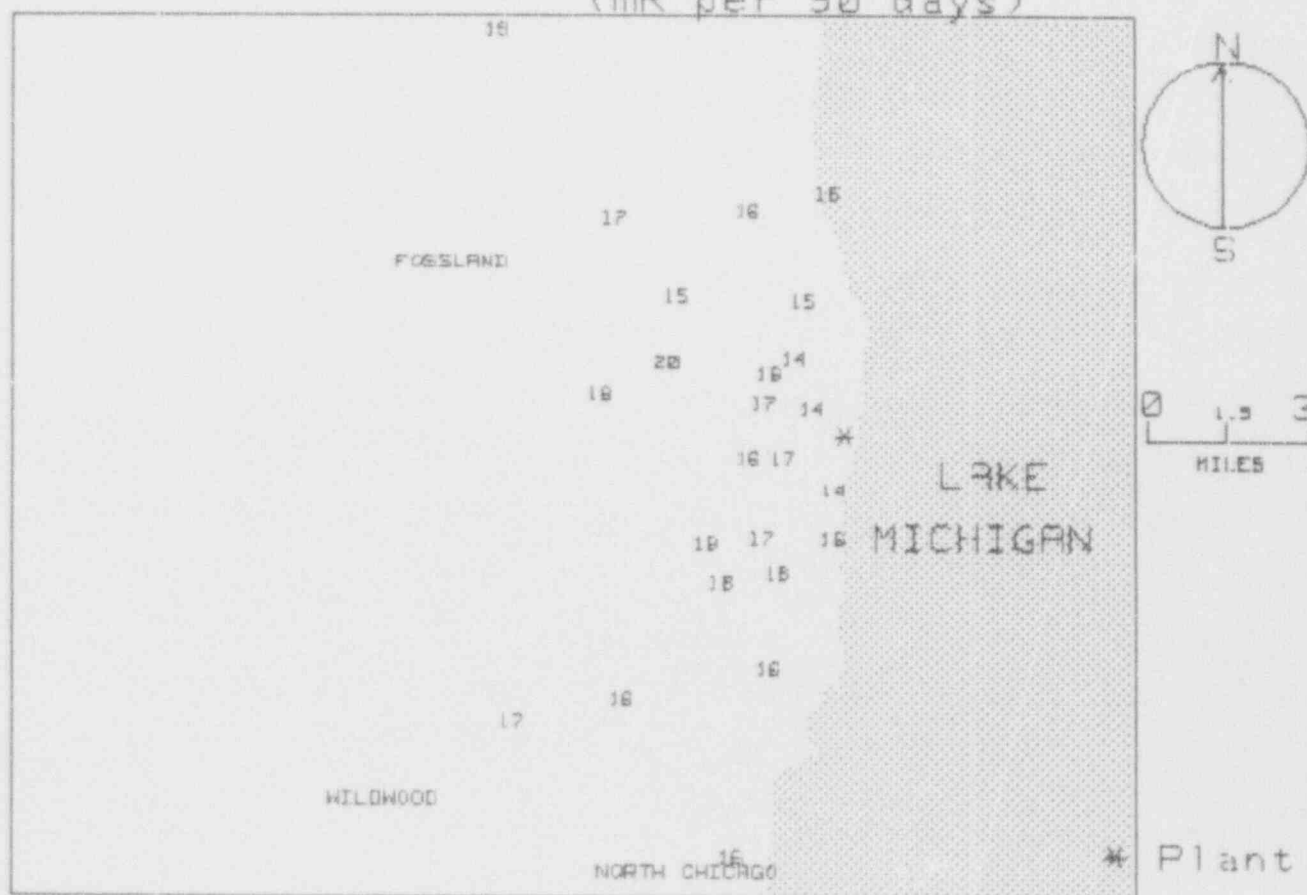
For the period 921209-930427

TLD Direct Radiation Environmental Monitoring

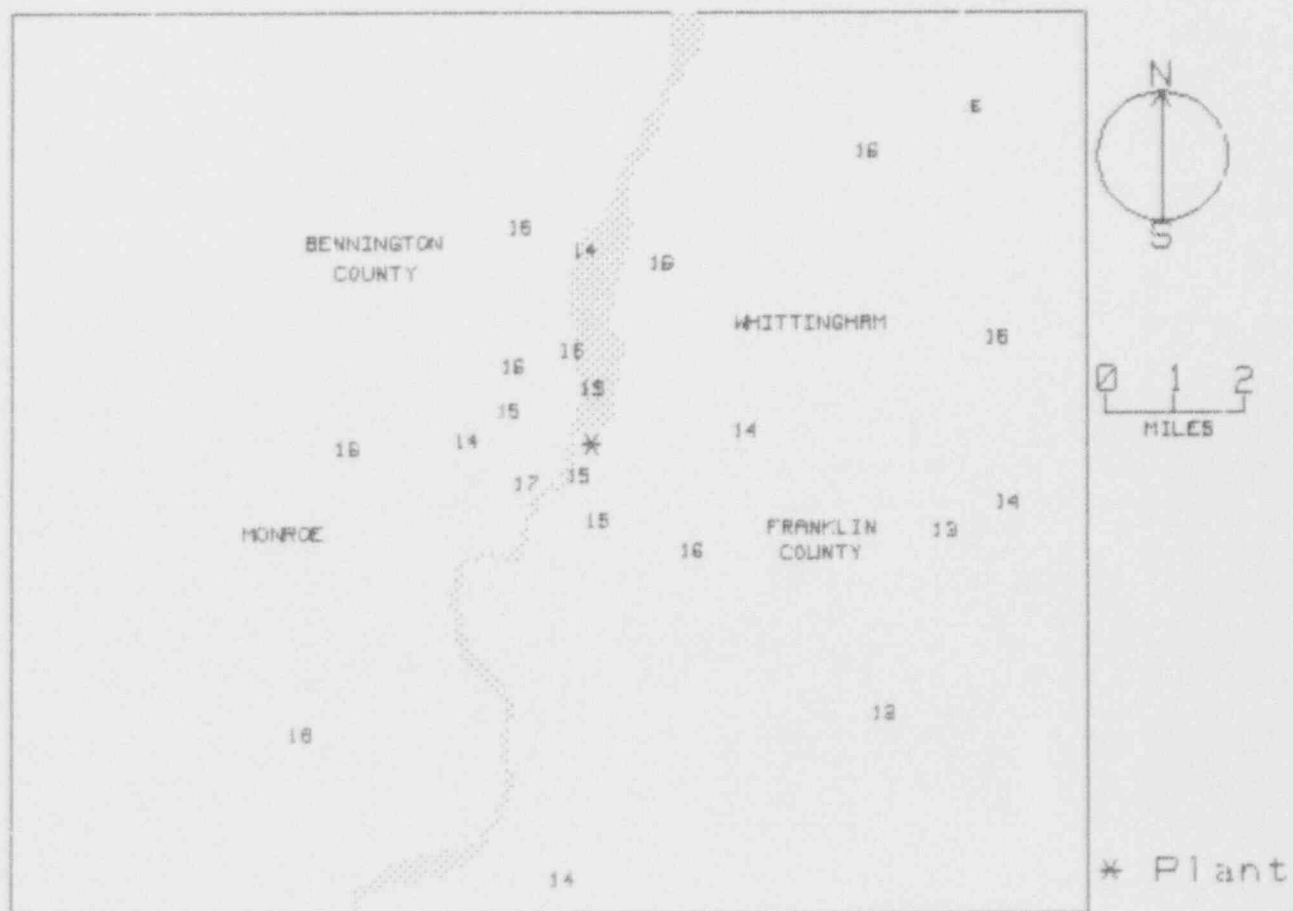
Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.7 +- 0.7	2
11.26 - 33.75 NNE	16.4 +- 0.0	1
33.76 - 56.25 NE	16.1 +- 0.2	2
56.26 - 78.75 ENE	16.1 +- 0.0	1
78.76 - 101.25 E	14.0 +- 0.3	2
101.26 - 123.75 ESE	13.3 +- 0.9	2
123.76 - 146.25 SE	15.0 +- 1.8	3
146.26 - 168.75 SSE	14.2 +- 0.0	1
168.76 - 191.25 S	14.7 +- 0.8	2
191.26 - 213.75 SSW	15.2 +- 0.0	1
213.76 - 236.25 SW	15.3 +- 0.6	2
236.26 - 258.75 WSW	17.4 +- 0.0	1
258.76 - 281.25 W	15.2 +- 0.6	3
281.26 - 303.75 WNW	15.4 +- 0.0	1
303.76 - 326.25 NW	16.2 +- 0.0	1
326.26 - 348.75 NNW	15.7 +- 0.1	2

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.5 +- 0.8	9
2 - 5	15.1 +- 1.0	7
> 5	14.9 +- 1.4	11
Upwind Control	16.7 +- 0.5	2

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



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



ZION

TLD Direct Radiation Environmental Monitoring

For the period 921207-930415 130 Days

Field Time: 85 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	310 0.8	16.8 +- 0.5; 2.5	13.9 +- 0.6; 4.0	15.6 +- 1.8
2	192 1.0	17.3 +- 0.5; 2.6	14.4 +- 0.6; 4.0	12.8 +- 2.1
3	187 1.9	18.5 +- 0.6; 2.8	15.6 +- 0.7; 4.1	14.0 +- 2.1
4	219 2.4	19.6 +- 0.6; 2.9	16.8 +- 0.7; 4.3	16.9 +- 1.9
5	257 1.8	19.2 +- 0.6; 2.9	16.4 +- 0.7; 4.2	17.1 +- 2.3
6	250 1.2	19.3 +- 0.6; 2.9	16.5 +- 0.7; 4.2	15.9 +- 2.0
7	293 1.6	19.9 +- 0.6; 3.0	17.1 +- 0.7; 4.3	16.8 +- 1.9
8	310 1.8	19.2 +- 0.6; 2.9	16.4 +- 0.7; 4.2	14.7 +- 2.0
9	343 2.6	18.3 +- 0.5; 2.7	15.5 +- 0.7; 4.1	15.3 +- 2.0
10	356 4.5	18.8 +- 0.6; 2.8	16.0 +- 0.7; 4.2	14.4 +- 2.1
11	337 4.5	18.4 +- 0.6; 2.8	15.5 +- 0.7; 4.1	16.6 +- 2.5
12	310 4.0	17.6 +- 0.5; 2.6	14.7 +- 0.7; 4.1	18.8 +- 2.1
13	293 3.5	22.8 +- 0.7; 3.4	20.2 +- 0.8; 4.7	19.2 +- 2.2
14	280 4.5	20.4 +- 0.6; 3.1	17.7 +- 0.7; 4.4	18.5 +- 2.1
15	232 3.2	21.1 +- 0.6; 3.2	18.4 +- 0.8; 4.4	17.6 +- 2.2
16	220 3.5	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.4	17.9 +- 2.0
17	198 4.5	19.1 +- 0.6; 2.9	16.2 +- 0.7; 4.2	15.7 +- 2.0
18	206 2.8	19.1 +- 0.6; 2.9	16.3 +- 0.7; 4.2	15.3 +- 2.1
19	327 1.7	16.5 +- 0.5; 2.5	13.6 +- 0.6; 3.9	15.3 +- 2.3
20	197 15.0	20.4 +- 0.6; 3.1	17.7 +- 0.7; 4.4	18.8 +- 2.3
21	352 7.9	16.6 +- 0.5; 2.5	13.6 +- 0.6; 3.9	14.8 +- 2.3
22	348 9.3	16.4 +- 0.5; 2.5	13.4 +- 0.6; 3.9	15.2 +- 2.2
23	336 8.5	Missing Dosimeter	No Net Data	17.4 +- 2.8
24	314 5.8	19.9 +- 0.6; 3.0	17.1 +- 0.7; 4.3	17.2 +- 1.5
25	220 6.3	18.5 +- 0.6; 2.8	15.7 +- 0.7; 4.2	16.2 +- 2.1
26	195 8.0	18.8 +- 0.6; 2.8	16.0 +- 0.7; 4.2	15.2 +- 1.9
28	197 15.0	20.4 +- 0.6; 3.1	17.6 +- 0.7; 4.4	18.8 +- 1.9
30	320 9.8	21.6 +- 0.6; 3.2	18.9 +- 0.8; 4.5	17.8 +- 1.9
31	229 8.0	19.9 +- 0.6; 3.0	17.2 +- 0.7; 4.3	16.5 +- 1.9
32	193 15.0	19.6 +- 0.6; 2.9	16.8 +- 0.7; 4.3	19.1 +- 1.7

Transit Dose = 3.7 +- 0.3; 2.8

ZION

For the period 921207-930415

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	14.8 +- 1.7	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	15.6 +- 0.0	1
191.26 - 213.75 SSW	15.7 +- 0.9	4
213.76 - 236.25 SW	17.1 +- 1.0	5
236.26 - 258.75 WSW	16.4 +- 0.1	2
258.76 - 281.25 W	17.7 +- 0.0	1
281.26 - 303.75 WNW	18.7 +- 2.2	2
303.76 - 326.25 NW	16.2 +- 2.0	5
326.26 - 348.75 NNW	14.5 +- 1.2	4

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	15.5 +- 1.4	8
2 - 5	16.8 +- 1.6	11
> 5	16.0 +- 2.0	7
Upwind Control	17.4 +- 0.5	3

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11. ABSTRACT (200 words or less)

This report provides the status and results of the NRC Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network. It presents the radiation levels measured in the vicinity of NRC licensed facilities throughout the country for the first quarter of 1993.

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

Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring
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